

# I.P. Sections

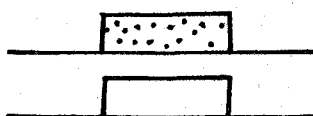
## Similkameen Project - Voigt Zone

Dipole-Dipole Survey;  $a = 100'$ ;  $n = 1, 2, 3, (4)$

| <u>Line</u> | <u>Stations</u> | <u>Coverage</u><br><u>Feet</u> | <u>Line</u> | <u>Stations</u> | <u>Coverage</u><br><u>Feet</u> |
|-------------|-----------------|--------------------------------|-------------|-----------------|--------------------------------|
| 40W         | 1700N-0N        | 1700                           | 0           | 1400N-2900S     | 4300                           |
| 36W         | 2400N-100S      | 2500                           | 2E          | 1000N-1600S     | 2600                           |
| 32W         | 200N-300S       | 500                            | 4E          | 1300N-2700S     | 4000                           |
| 28W         | 500S-1300S      | 800                            | 6E          | 1000N-1500S     | 2500                           |
| 24W         | 1200N-3000S     | 4200                           | 8E          | 1400N-3000S     | 4400                           |
| 22W         | 1000N-1500S     | 2500                           | 10E         | 1000N-1500S     | 2500                           |
| 20W         | 1300N-3200S     | 4500                           | 12E         | 1400N-2700S     | 4100                           |
| 18W         | 1500N-1600S     | 3100                           | 14E         | 1000N-1100S     | 2100                           |
| 16W         | 1200N-3100S     | 4300                           | 16E         | 1200N-3000S     | 4200                           |
| 14W         | 1000N-1400S     | 2400                           | 18E         | 1000N-1500S     | 2500                           |
| 12W         | 1200N-3000S     | 4200                           | 20E         | 1100N-2800S     | 3900                           |
| 10W         | 1000N-1500S     | 2500                           | 24E         | 1200N-1500S     | 2700                           |
| 8W          | 1000N-2900S     | 3900                           | 28E         | 1400N-1500S     | 2900                           |
| 6W          | 1100N-1600S     | 2700                           | 32E         | 1200N-1500S     | 2700                           |
| 4W          | 1500N-3100S     | 4600                           |             |                 |                                |
| 2W          | 1000N-1500S     | 2500                           |             |                 |                                |

Total Coverage 92,300'

### Legend



definite IP anomaly

possible IP anomaly



chargeability contours at 10, 20, 30, 40, 50, 60, 70, 80 msec



resistivity contours at 100, 200, 500, 1K, 2K ohm-metres

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

# 16,745

Part 2 of 3

FILMED

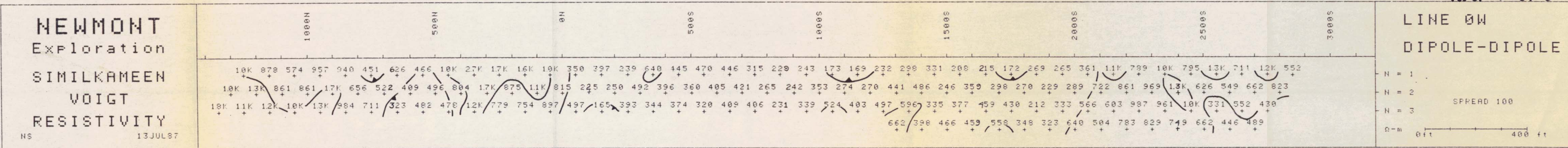
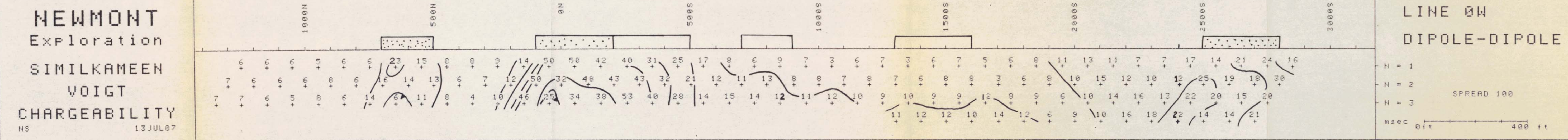


# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR NS  
13JUL87  
DIPOLE SPREAD: 100  
LINE 0W

| N  | AT   | RHO  | CHARG | MVOLTS |
|----|------|------|-------|--------|
| 1  | 2350 | 552  | 16    | 255    |
| 2  | 2800 | 823  | 30    | 95     |
| 3  | 2750 | 430  | 20    | 21     |
| 4  | 2700 | 489  | 21    | 11.5   |
| 5  | 2750 | 1206 | 24    | 1050   |
| 6  | 2700 | 662  | 18    | 150    |
| 7  | 2650 | 552  | 15    | 50     |
| 8  | 2600 | 446  | 14    | 21     |
| 9  | 2550 | 711  | 21    | 285    |
| 10 | 2500 | 549  | 19    | 55     |
| 11 | 2550 | 331  | 20    | 15     |
| 12 | 2500 | 662  | 14    | 15     |
| 13 | 2550 | 1305 | 14    | 500    |
| 14 | 2500 | 626  | 25    | 60     |
| 15 | 2450 | 1057 | 22    | 40.5   |
| 16 | 2400 | 749  | 22    | 15     |
| 17 | 2450 | 795  | 17    | 360    |
| 18 | 2400 | 1325 | 12    | 150    |
| 19 | 2350 | 961  | 13    | 430    |
| 20 | 2300 | 823  | 10    | 15.5   |
| 21 | 2350 | 1077 | 7     | 500    |
| 22 | 2300 | 969  | 10    | 135    |
| 23 | 2250 | 987  | 16    | 55     |
| 24 | 2200 | 783  | 16    | 22.5   |
| 25 | 2250 | 789  | 7     | 550    |
| 26 | 2200 | 861  | 12    | 150    |
| 27 | 2150 | 603  | 14    | 42     |
| 28 | 2100 | 504  | 10    | 18     |
| 29 | 2150 | 1131 | 11    | 650    |
| 30 | 2100 | 722  | 15    | 110    |
| 31 | 2050 | 556  | 10    | 34.5   |
| 32 | 2000 | 640  | 9     | 19.5   |
| 33 | 2050 | 361  | 13    | 195    |
| 34 | 2000 | 289  | 10    | 35     |
| 35 | 1950 | 333  | 6     | 18     |
| 36 | 1900 | 323  | 6     | 5      |
| 37 | 1950 | 265  | 11    | 120    |
| 38 | 1900 | 229  | 8     | 27     |
| 39 | 1850 | 212  | 10    | 10     |
| 40 | 1800 | 348  | 12    | 0.5    |
| 41 | 1850 | 269  | 8     | 150    |
| 42 | 1800 | 427  | 8     | 40     |
| 43 | 1750 | 558  | 14    | 25     |
| 44 | 1700 | 179  | 33    | 1700   |
| 45 | 1650 | 459  | 12    | 24     |
| 46 | 1600 | 215  | 5     | 10     |
| 47 | 1650 |      |       |        |

|    |      |     |    |      |      |      |    |      |
|----|------|-----|----|------|------|------|----|------|
| 2  | 1600 | 359 | 8  | 50   | 150  | 165  | 38 | 9.5  |
| 3  | 1550 | 377 | 9  | 21   | 150  | 397  | 42 | 180  |
| 4  | 1500 | 466 | 12 | 13   | 100  | 225  | 48 | 25.5 |
| 5  | 1550 | 208 | 7  | 120  | 50   | 497  | 34 | 22.5 |
| 6  | 1500 | 246 | 8  | 37.5 | 50   | 350  | 50 | 195  |
| 7  | 1450 | 335 | 9  | 21   | 50   | 815  | 32 | 110  |
| 8  | 1400 | 398 | 12 | 12.5 | 50   | 897  | 25 | 50   |
| 9  | 1450 | 331 | 6  | 150  | 50   | 1041 | 50 | 435  |
| 10 | 1400 | 486 | 6  | 55   | 100  | 1196 | 50 | 125  |
| 11 | 1350 | 596 | 10 | 27   | 150  | 754  | 46 | 31.5 |
| 12 | 1300 | 662 | 11 | 15   | 150  | 1641 | 14 | 600  |
| 13 | 1350 | 298 | 3  | 130  | 200  | 875  | 12 | 80   |
| 14 | 1300 | 441 | 7  | 250  | 250  | 779  | 10 | 28.5 |
| 15 | 1250 | 497 | 7  | 22.5 | 300  | 1723 | 10 | 150  |
| 16 | 1200 | 232 | 7  | 10.5 | 300  | 1723 | 10 | 37.5 |
| 17 | 1150 | 270 | 8  | 33   | 350  | 1206 | 4  | 10.5 |
| 18 | 1100 | 403 | 10 | 22.5 | 350  | 2729 | 4  | 28.5 |
| 19 | 1150 | 169 | 5  | 130  | 400  | 804  | 6  | 21   |
| 20 | 1100 | 274 | 7  | 55   | 450  | 478  | 8  | 5    |
| 21 | 1050 | 524 | 12 | 42   | 450  | 1034 | 8  | 225  |
| 22 | 1000 | 173 | 3  | 55   | 500  | 496  | 13 | 27   |
| 23 | 950  | 353 | 8  | 50   | 550  | 482  | 11 | 10.5 |
| 24 | 900  | 339 | 11 | 19.5 | 550  | 466  | 15 | 130  |
| 25 | 850  | 243 | 7  | 110  | 600  | 409  | 14 | 28.5 |
| 26 | 800  | 242 | 8  | 16.5 | 650  | 323  | 23 | 50   |
| 27 | 750  | 231 | 12 | 13.5 | 700  | 626  | 16 | 240  |
| 28 | 700  | 229 | 9  | 140  | 750  | 522  | 16 | 28.5 |
| 29 | 650  | 265 | 13 | 48.5 | 800  | 711  | 14 | 28.5 |
| 30 | 600  | 406 | 14 | 25.5 | 850  | 451  | 14 | 165  |
| 31 | 550  | 315 | 6  | 330  | 900  | 656  | 6  | 60   |
| 32 | 500  | 421 | 11 | 110  | 950  | 984  | 6  | 36   |
| 33 | 450  | 409 | 15 | 43.5 | 1000 | 940  | 6  | 360  |
| 34 | 400  | 446 | 8  | 330  | 1050 | 1723 | 6  | 165  |
| 35 | 350  | 405 | 12 | 75   | 1100 | 1305 | 5  | 50   |
| 36 | 300  | 320 | 14 | 24   | 1150 | 957  | 5  | 150  |
| 37 | 250  | 470 | 17 | 180  | 1200 | 861  | 5  | 37.5 |
| 38 | 200  | 366 | 21 | 34.5 | 1250 | 1034 | 5  | 18   |
| 39 | 150  | 445 | 23 | 225  | 1300 | 574  | 5  | 37.5 |
| 40 | 100  | 396 | 32 | 50   | 1350 | 861  | 5  | 22.5 |
| 41 | 50   | 344 | 40 | 390  | 1400 | 1292 | 5  | 405  |
| 42 |      | 640 | 31 | 390  | 1450 | 1150 | 5  | 405  |
| 43 |      | 497 | 43 | 390  | 1500 | 838  | 5  | 150  |
| 44 |      | 179 | 43 | 390  | 1550 | 1190 | 5  | 55   |
| 45 |      | 459 | 46 | 390  | 1600 | 1928 | 5  | 850  |
| 46 |      | 215 | 46 | 390  | 1650 | 1088 | 5  | 225  |
| 47 |      |     | 43 | 36   | 1700 | 1867 | 5  | 130  |



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3



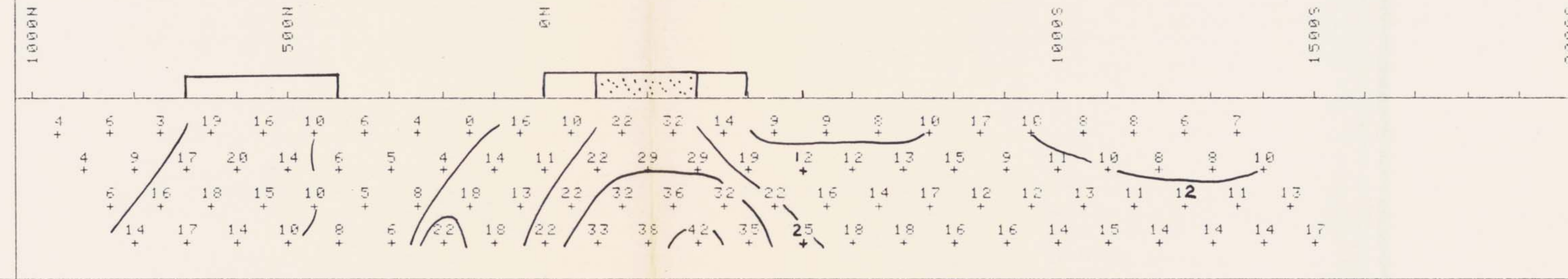
# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR N. SINGH  
23/07/87  
DIPOLE SPREAD: 100  
LINE 200W

| N  | AT  | RHO   | CHARG | MVOLTS |
|----|-----|-------|-------|--------|
| 1  | 950 | N 558 | 4     | 700    |
| 2  | 900 | N 813 | 4     | 255    |
| 3  | 850 | N 957 | 6     | 120    |
| 4  | 800 | N 796 | 14    | 52     |
| 5  | 850 | N 646 | 6     | 450    |
| 6  | 800 | N 947 | 9     | 165    |
| 7  | 750 | N 933 | 16    | 65     |
| 8  | 700 | N 861 | 17    | 30     |
| 9  | 750 | N 834 | 3     | 450    |
| 10 | 700 | N 667 | 17    | 90     |
| 11 | 650 | N 750 | 18    | 40.5   |
| 12 | 600 | N 543 | 14    | 15.0   |
| 13 | 650 | N 792 | 19    | 345    |
| 14 | 600 | N 735 | 20    | 80     |
| 15 | 550 | N 530 | 15    | 33.1   |
| 16 | 500 | N 514 | 10    | 11.2   |
| 17 | 550 | N 725 | 16    | 240    |
| 18 | 500 | N 508 | 14    | 40     |
| 19 | 450 | N 498 | 10    | 10.5   |
| 20 | 400 | N 786 | 8     | 13     |
| 21 | 450 | N 718 | 10    | 150    |
| 22 | 400 | N 505 | 5     | 26.4   |
| 23 | 350 | N 813 | 5     | 17     |
| 24 | 300 | N 948 | 6     | 9      |
| 25 | 350 | N 430 | 5     | 90     |
| 26 | 300 | N 672 | 5     | 23.4   |
| 27 | 250 | N 833 | 6     | 17.4   |
| 28 | 200 | N 938 | 22    | 9.8    |
| 29 | 250 | N 450 | 4     | 20.4   |
| 30 | 200 | N 486 | 4     | 55     |
| 31 | 150 | N 629 | 18    | 20.5   |
| 32 | 100 | N 574 | 18    | 13     |
| 33 | 150 | N 276 | 8     | 255    |
| 34 | 100 | N 390 | 14    | 90     |
| 35 | 50  | N 357 | 13    | 33     |
| 36 | 0   | N 459 | 22    | 18     |
| 37 | 50  | N 335 | 16    | 315    |
| 38 | 50  | N 297 | 11    | 70     |
| 39 | 50  | N 370 | 22    | 34.8   |
| 40 | 100 | N 319 | 33    | 15     |
| 41 | 50  | N 169 | 10    | 180    |
| 42 | 100 | N 244 | 22    | 65     |
| 43 | 150 | N 220 | 32    | 23.4   |
| 44 | 200 | N 259 | 38    | 14.7   |
| 45 | 150 | N 224 | 22    | 195    |
| 46 | 200 | N 220 | 29    | 48     |
| 47 | 250 | N 282 | 36    | 24.6   |
| 48 | 300 | N 264 | 42    | 11.5   |

|      |   |     |    |      |
|------|---|-----|----|------|
| 250  | 0 | 344 | 32 | 330  |
| 300  | 0 | 438 | 29 | 105  |
| 350  | 0 | 432 | 32 | 41.4 |
| 400  | 0 | 470 | 35 | 22.5 |
| 450  | 0 | 386 | 14 | 330  |
| 500  | 0 | 398 | 19 | 85   |
| 550  | 0 | 422 | 20 | 30   |
| 600  | 0 | 492 | 20 | 21   |
| 650  | 0 | 321 | 9  | 165  |
| 700  | 0 | 389 | 10 | 50   |
| 750  | 0 | 452 | 16 | 24   |
| 800  | 0 | 527 | 18 | 14   |
| 850  | 0 | 310 | 9  | 135  |
| 900  | 0 | 459 | 12 | 50   |
| 950  | 0 | 530 | 14 | 23.1 |
| 1000 | 0 | 528 | 16 | 11.5 |
| 1050 | 0 | 356 | 8  | 180  |
| 1100 | 0 | 435 | 13 | 55   |
| 1150 | 0 | 445 | 17 | 20.5 |
| 1200 | 0 | 475 | 16 | 12   |
| 1250 | 0 | 235 | 10 | 90   |
| 1300 | 0 | 288 | 15 | 27.6 |
| 1350 | 0 | 339 | 12 | 13   |
| 1400 | 0 | 402 | 16 | 7.7  |
| 1450 | 0 | 249 | 17 | 100  |
| 1500 | 0 | 299 | 9  | 38   |
| 1550 | 0 | 309 | 12 | 15.6 |
| 1600 | 0 | 439 | 14 | 8.6  |
| 1650 | 0 | 265 | 10 | 120  |
| 1700 | 0 | 353 | 11 | 40   |
| 1750 | 0 | 430 | 13 | 19.5 |
| 1800 | 0 | 773 | 15 | 17.5 |
| 1850 | 0 | 348 | 8  | 25.5 |
| 1900 | 0 | 383 | 10 | 70   |
| 1950 | 0 | 697 | 11 | 51   |
| 2000 | 0 | 822 | 14 | 31.5 |
| 2050 | 0 | 266 | 8  | 20.4 |
| 2100 | 0 | 480 | 8  | 90   |
| 2150 | 0 | 587 | 12 | 45   |
| 2200 | 0 | 744 | 14 | 20.5 |
| 2250 | 0 | 477 | 6  | 291  |
| 2300 | 0 | 623 | 8  | 95   |
| 2350 | 0 | 714 | 11 | 43.5 |
| 2400 | 0 | 478 | 14 | 15   |
| 2450 | 0 | 624 | 7  | 315  |
| 2500 | 0 | 752 | 10 | 95   |
| 2550 | 0 | 534 | 13 | 27   |
| 2600 | 0 | 554 | 17 | 14   |

NEWMONT  
Exploration  
  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
N. SINGH 23/07/87

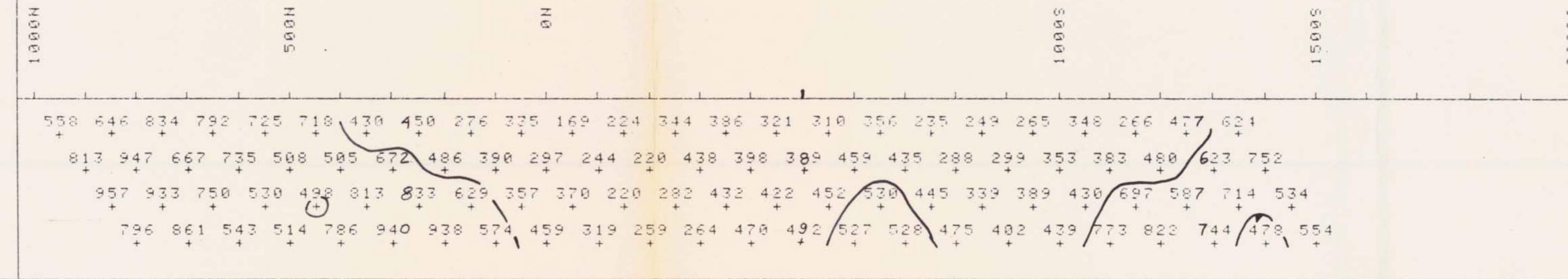


LINE 200W  
DIPOLE-DIPOLE  
  
N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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Part 2 of 3

NEWMONT  
Exploration  
  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
N. SINGH 23/07/87



LINE 200W  
DIPOLE-DIPOLE  
  
N = 1  
N = 2  
N = 3  
SPREAD 100  
0-m 0 ft 400 ft



# RESULTS DIPOLE-DIPOLE IP SURVEY

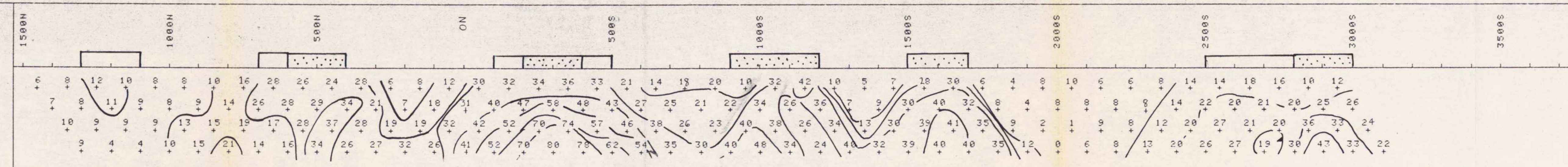
SIMILKAMEEN  
VOIGT  
OPERATOR SG  
14 JUL 87  
DIPOLE SPREAD: 100  
LINE 400W

| N  | AT   | RHO    | CHARG | MVOLTS |
|----|------|--------|-------|--------|
| 1  | 1450 | N 423  | 6     |        |
| 2  | 1400 | N 1209 | 7     |        |
| 3  | 1350 | N 816  | 10    |        |
| 4  | 1300 | N 957  | 9     |        |
| 5  | 1250 | N 1201 | 8     |        |
| 6  | 1200 | N 974  | 9     |        |
| 7  | 1150 | N 1096 | 8     |        |
| 8  | 1100 | N 1149 | 9     |        |
| 9  | 1050 | N 861  | 12    |        |
| 10 | 1000 | N 1316 | 11    |        |
| 11 | 950  | N 1410 | 9     |        |
| 12 | 900  | N 1149 | 4     |        |
| 13 | 850  | N 1410 | 10    |        |
| 14 | 800  | N 1378 | 33    |        |
| 15 | 750  | N 1410 | 10    |        |
| 16 | 700  | N 1566 | 10    |        |
| 17 | 650  | N 1100 | 8     |        |
| 18 | 600  | N 1173 | 8     |        |
| 19 | 550  | N 1589 | 13    |        |
| 20 | 500  | N 1320 | 15    |        |
| 21 | 450  | N 1196 | 8     |        |
| 22 | 400  | N 1575 | 9     |        |
| 23 | 350  | N 1316 | 15    |        |
| 24 | 300  | N 800  | 21    |        |
| 25 | 250  | N 1149 | 10    |        |
| 26 | 200  | N 1240 | 14    |        |
| 27 | 150  | N 827  | 19    |        |
| 28 | 100  | N 689  | 14    |        |
| 29 | 50   | N 534  | 16    |        |
| 30 | 0    | N 540  | 20    |        |
| 31 |      | N 485  | 10    |        |
| 32 |      | N 354  | 16    |        |
| 33 |      | N 2196 | 28    |        |
| 34 |      | N 1253 | 28    |        |
| 35 |      | N 1044 | 28    |        |
| 36 |      | N 1044 | 34    |        |
| 37 |      | N 861  | 26    |        |
| 38 |      | N 718  | 29    |        |
| 39 |      | N 700  | 37    |        |
| 40 |      | N 897  | 26    |        |
| 41 |      | N 1552 | 24    |        |
| 42 |      | N 1085 | 34    |        |
| 43 |      | N 1755 | 28    |        |
| 44 |      | N 1622 | 27    |        |
| 45 |      | N 1149 | 28    |        |
| 46 |      | N 1685 | 21    |        |
| 47 |      | N 1493 | 19    |        |
| 48 |      | N 820  | 32    |        |
| 49 |      | N 1622 | 6     |        |
| 50 |      | N 1757 | 7     |        |
| 51 |      | N 777  | 19    |        |
| 52 |      | N 861  | 26    |        |
| 53 |      | N 1958 | 8     |        |
| 54 |      | N 940  | 18    |        |
| 55 |      | N 861  | 32    |        |
| 56 |      | N 678  | 41    |        |
| 57 |      | N 697  | 12    |        |

|    |        |    |      |
|----|--------|----|------|
| 0  | N 689  | 31 | 21   |
| 1  | N 533  | 42 | 31.5 |
| 2  | N 590  | 52 | 3.6  |
| 3  | N 253  | 30 | 55.5 |
| 4  | N 287  | 40 | 15   |
| 5  | N 311  | 52 | 6.5  |
| 6  | N 229  | 70 | 2.4  |
| 7  | N 317  | 32 | 210  |
| 8  | N 483  | 47 | 80   |
| 9  | N 385  | 70 | 25.5 |
| 10 | N 408  | 80 | 13.5 |
| 11 | N 436  | 34 | 28.5 |
| 12 | N 428  | 58 | 70   |
| 13 | N 505  | 74 | 33   |
| 14 | N 413  | 78 | 13.5 |
| 15 | N 673  | 36 | 37.5 |
| 16 | N 1077 | 48 | 150  |
| 17 | N 897  | 57 | 50   |
| 18 | N 1023 | 62 | 28.5 |
| 19 | N 1084 | 33 | 1000 |
| 20 | N 1040 | 43 | 240  |
| 21 | N 1463 | 46 | 135  |
| 22 | N 766  | 54 | 36   |
| 23 | N 1325 | 21 | 1500 |
| 24 | N 2121 | 27 | 600  |
| 25 | N 1325 | 38 | 150  |
| 26 | N 636  | 35 | 36   |
| 27 | N 1436 | 14 | 1000 |
| 28 | N 1120 | 25 | 195  |
| 29 | N 560  | 26 | 40   |
| 30 | N 1038 | 30 | 37.5 |
| 31 | N 1231 | 18 | 600  |
| 32 | N 725  | 21 | 90   |
| 33 | N 1411 | 23 | 70   |
| 34 | N 786  | 40 | 19.5 |
| 35 | N 1124 | 20 | 450  |
| 36 | N 2144 | 22 | 210  |
| 37 | N 1149 | 40 | 45   |
| 38 | N 1915 | 48 | 37.5 |
| 39 | N 1043 | 16 | 345  |
| 40 | N 604  | 34 | 50   |
| 41 | N 1133 | 38 | 37.5 |
| 42 | N 1179 | 34 | 19.5 |
| 43 | N 268  | 32 | 105  |
| 44 | N 510  | 26 | 50   |
| 45 | N 536  | 26 | 21   |
| 46 | N 995  | 24 | 19.5 |
| 47 | N 1248 | 42 | 1000 |
| 48 | N 1423 | 36 | 285  |
| 49 | N 3030 | 34 | 240  |
| 50 | N 3030 | 40 | 120  |
| 51 | N 1161 | 16 | 950  |
| 52 | N 2933 | 7  | 600  |
| 53 | N 3117 | 13 | 255  |
| 54 | N 2689 | 9  | 110  |
| 55 | N 2462 | 9  | 1200 |
| 56 | N 3593 | 9  | 450  |
| 57 | N 3383 | 30 | 165  |
| 58 | N 1477 | 32 | 36   |
| 59 | N 1493 | 30 | 650  |
| 60 | N 1930 | 30 | 210  |
| 61 | N 1550 | 33 | 37.5 |
| 62 | N 1500 | 40 | 16.5 |
| 63 | N 947  | 28 | 1650 |
| 64 | N 1354 | 28 |      |

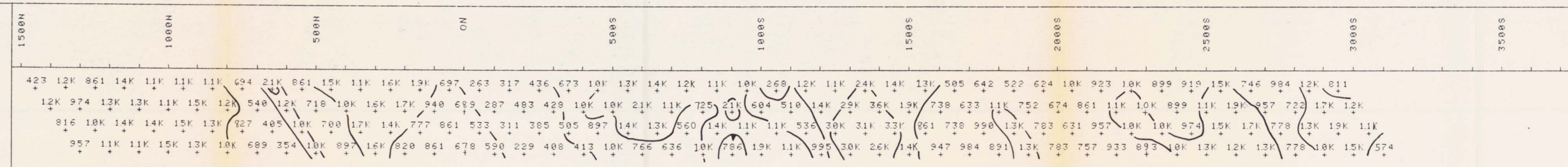
|      |   |      |    |      |
|------|---|------|----|------|
| 1600 | 8 | 738  | 40 | 225  |
| 1650 | 8 | 738  | 41 | 90   |
| 1700 | 8 | 984  | 40 | 60   |
| 1650 | 8 | 505  | 30 | 255  |
| 1700 | 8 | 633  | 32 | 80   |
| 1750 | 8 | 990  | 35 | 50   |
| 1800 | 8 | 891  | 35 | 22.5 |
| 1750 | 8 | 642  | 6  | 330  |
| 1800 | 8 | 1168 | 8  | 150  |
| 1850 | 8 | 1340 | 9  | 70   |
| 1900 | 8 | 1378 | 12 | 36   |
| 1850 | 8 | 522  | 4  | 500  |
| 1900 | 8 | 752  | 4  | 180  |
| 1950 | 8 | 783  | 2  | 75   |
| 2000 | 8 | 783  | 0  | 37.5 |
| 1950 | 8 | 624  | 8  | 500  |
| 2000 | 8 | 674  | 8  | 135  |
| 2050 | 8 | 631  | 1  | 50   |
| 2100 | 8 | 757  | 6  | 30   |
| 2050 | 8 | 1017 | 10 | 850  |
| 2100 | 8 | 861  | 8  | 180  |
| 2150 | 8 | 957  | 9  | 80   |
| 2200 | 8 | 933  | 8  | 39   |
| 2150 | 8 | 923  | 6  | 450  |
| 2200 | 8 | 1108 | 8  | 135  |
| 2250 | 8 | 1025 | 8  | 50   |
| 2300 | 8 | 893  | 13 | 21   |
| 2250 | 8 | 1063 | 6  | 500  |
| 2300 | 8 | 1063 | 8  | 125  |
| 2350 | 8 | 1063 | 12 | 50   |
| 2400 | 8 | 1085 | 20 | 25.5 |
| 2350 | 8 | 899  | 8  | 180  |
| 2400 | 8 | 899  | 14 | 45   |
| 2450 | 8 | 974  | 20 | 19.5 |
| 2500 | 8 | 1348 | 26 | 13.5 |
| 2450 | 8 | 919  | 14 | 80   |
| 2500 | 8 | 1172 | 22 | 25.5 |
| 2550 | 8 | 1551 | 27 | 13.5 |
| 2600 | 8 | 1263 | 27 | 5.5  |
| 2550 | 8 | 1579 | 14 | 165  |
| 2600 | 8 | 1915 | 20 | 50   |
| 2650 | 8 | 1723 | 21 | 18   |
| 2700 | 8 | 1340 | 19 | 7    |
| 2650 | 8 | 746  | 18 | 390  |
| 2700 | 8 | 957  | 21 | 125  |
| 2750 | 8 | 778  | 20 | 42   |
| 2800 | 8 | 778  | 30 | 21   |
| 2750 | 8 | 984  | 16 | 600  |
| 2800 | 8 | 722  | 20 | 110  |
| 2850 | 8 | 1395 | 36 | 85   |
| 2900 | 8 | 1034 | 43 | 27   |
| 2850 | 8 | 1248 | 10 | 500  |
| 2900 | 8 | 1796 | 25 | 180  |
| 2950 | 8 | 1955 | 33 | 80   |
| 3000 | 8 | 1540 | 33 | 31.5 |
| 2950 | 8 | 811  | 12 | 240  |
| 3000 | 8 | 1284 | 26 | 95   |
| 3050 | 8 | 1115 | 24 | 33   |
| 3100 | 8 | 574  | 22 | 9    |

NEWMONT  
Exploration  
  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
SG 14JUL87



LINE 400W  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft

NEWMONT  
Exploration  
  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
SG 14JUL87



LINE 400W  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
ohm-m 0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

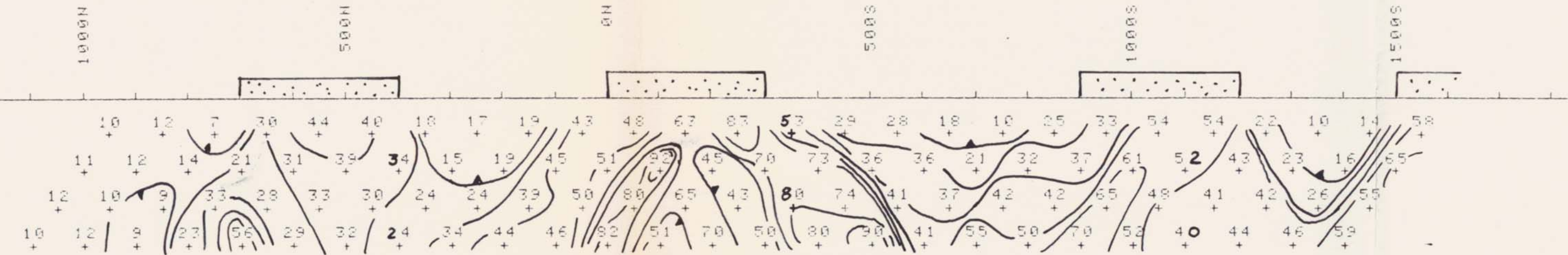
16,745  
Part 2 of 3



SIMILKAMEEN  
VOIGT  
OPERATOR R.C.  
22JUL87  
DIPOLE SPREAD: 100  
LINE 600W

[illegible]

SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
P.O. 23 JUL 87



LINE 600W  
DIPOLE-DIPOLE

N = 1  
N = 2  
N = 3

SPREAD 100

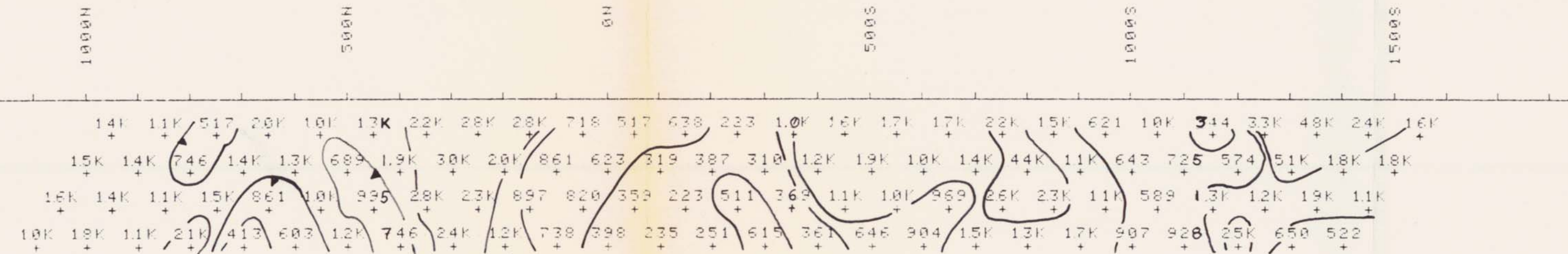
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**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

16.745  
Part 2 of 3

SIMILKAMEEN  
VOIGT  
RESISTIVITY

R.C. 22 JUL 87



LINE 600W  
DIPOLE-DIPOLE

$N = 1$   
 $N = 2$   
 $N = 3$

SPREAD 100

$\Omega = m$



# RESULTS DIPOLE-DIPOLE IP SURVEY

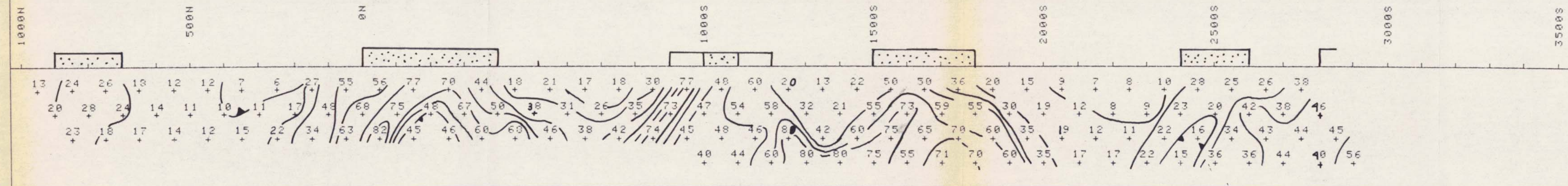
SIMILKAMEEN  
VOIGT  
OPERATOR P. M. DUNN  
03JUN87  
DIPOLE SPREAD: 100  
LINE 800W

| N   | AT     | RHO | CHARG | MVOLTS | 3    | 550  | 2757 | 46   | 48   | 1800 | 1524 | 70 | 34.5 |
|-----|--------|-----|-------|--------|------|------|------|------|------|------|------|----|------|
| 950 | N 1415 | 13  | 345   | 550    | 1005 | 21   | 210  | 210  | 210  | 1750 | 527  | 36 | 225  |
| 900 | N 1559 | 20  | 95    | 600    | 2010 | 31   | 105  | 105  | 105  | 1800 | 1407 | 55 | 150  |
| 850 | N 1536 | 23  | 37.5  | 650    | 1795 | 38   | 37.5 | 37.5 | 37.5 | 1850 | 1641 | 60 | 70   |
| 800 | N 1774 | 24  | 52.5  | 700    | 379  | 17   | 165  | 165  | 165  | 1900 | 1547 | 60 | 33   |
| 750 | N 1757 | 28  | 130   | 750    | 1332 | 26   | 145  | 145  | 145  | 1950 | 1034 | 20 | 450  |
| 700 | N 478  | 10  | 15    | 800    | 1436 | 42   | 65   | 65   | 65   | 1900 | 1378 | 30 | 150  |
| 650 | N 2240 | 26  | 390   | 850    | 1044 | 18   | 600  | 600  | 600  | 1950 | 1608 | 35 | 70   |
| 600 | N 551  | 24  | 24    | 900    | 1357 | 35   | 195  | 195  | 195  | 2000 | 2290 | 35 | 50   |
| 550 | N 603  | 17  | 10.5  | 950    | 809  | 74   | 46.5 | 46.5 | 46.5 | 1950 | 564  | 15 | 285  |
| 500 | N 626  | 10  | 120   | 1000   | 1723 | 30   | 480  | 480  | 480  | 2000 | 950  | 19 | 120  |
| 450 | N 752  | 14  | 36    | 1050   | 1149 | 73   | 85   | 85   | 85   | 2050 | 1188 | 19 | 60   |
| 400 | N 861  | 14  | 16.5  | 1100   | 861  | 45   | 27   | 27   | 27   | 2100 | 1783 | 17 | 45   |
| 350 | N 506  | 12  | 150   | 1150   | 766  | 77   | 240  | 240  | 240  | 2050 | 1723 | 9  | 240  |
| 300 | N 675  | 11  | 50    | 1200   | 551  | 47   | 42   | 42   | 42   | 2100 | 3159 | 12 | 110  |
| 250 | N 963  | 12  | 28.5  | 1250   | 738  | 40   | 22.5 | 22.5 | 22.5 | 2150 | 4309 | 12 | 60   |
| 200 | N 638  | 12  | 300   | 1300   | 1005 | 40   | 7    | 7    | 7    | 2200 | 3447 | 17 | 24   |
| 150 | N 893  | 10  | 105   | 1350   | 984  | 44   | 6    | 6    | 6    | 2150 | 2462 | 7  | 300  |
| 100 | N 908  | 15  | 43.5  | 1400   | 336  | 40   | 85   | 85   | 85   | 2200 | 2954 | 8  | 90   |
| 50  | N 861  | 7   | 360   | 1450   | 451  | 54   | 20.5 | 20.5 | 20.5 | 2250 | 2462 | 11 | 30   |
| 0   | N 1005 | 11  | 105   | 1500   | 713  | 46   | 10   | 10   | 10   | 2300 | 2708 | 22 | 16.5 |
| 50  | N 897  | 22  | 37.5  | 1550   | 950  | 60   | 12   | 12   | 12   | 2350 | 2234 | 8  | 700  |
| 50  | N 631  | 6   | 165   | 1600   | 1462 | 60   | 700  | 700  | 700  | 2400 | 1915 | 9  | 150  |
| 50  | N 766  | 17  | 50    | 1650   | 1880 | 58   | 225  | 225  | 225  | 2450 | 2074 | 22 | 65   |
| 50  | N 556  | 34  | 15    | 1700   | 2402 | 80   | 115  | 115  | 115  | 2500 | 2072 | 15 | 45   |
| 50  | N 813  | 27  | 255   | 1750   | 2350 | 80   | 65   | 65   | 65   | 2550 | 1196 | 10 | 500  |
| 50  | N 555  | 48  | 43.5  | 1800   | 2400 | 1292 | 23   | 135  | 135  | 2600 | 1292 | 23 | 135  |
| 50  | N 709  | 63  | 21    | 1850   | 2450 | 1679 | 16   | 70   | 70   | 2650 | 1579 | 16 | 70   |
| 50  | N 553  | 55  | 330   | 1900   | 2500 | 1292 | 36   | 27   | 27   | 2700 | 1292 | 36 | 27   |
| 50  | N 554  | 68  | 70    | 1950   | 2550 | 1508 | 28   | 315  | 315  | 2750 | 1508 | 28 | 315  |
| 50  | N 181  | 82  | 9.5   | 2000   | 2600 | 2585 | 20   | 135  | 135  | 2800 | 2585 | 20 | 135  |
| 50  | N 921  | 56  | 46.5  | 2050   | 2650 | 1915 | 34   | 40   | 40   | 2850 | 1915 | 34 | 40   |
| 50  | N 368  | 75  | 46.5  | 2100   | 2700 | 1723 | 36   | 18   | 18   | 2900 | 1723 | 36 | 18   |
| 50  | N 344  | 45  | 18    | 2150   | 2750 | 1853 | 25   | 500  | 500  | 2950 | 1853 | 25 | 500  |
| 50  | N 314  | 77  | 115   | 2200   | 2800 | 1186 | 42   | 80   | 80   | 3000 | 1186 | 42 | 80   |
| 50  | N 344  | 48  | 31.5  | 2250   | 2850 | 1184 | 43   | 33   | 33   | 3050 | 1184 | 43 | 33   |
| 50  | N 339  | 46  | 13    | 2300   | 2900 | 1508 | 44   | 21   | 21   | 3100 | 1508 | 44 | 21   |
| 50  | N 354  | 70  | 52.5  | 2350   | 2950 | 2462 | 26   | 600  | 600  | 3150 | 2462 | 26 | 600  |
| 50  | N 421  | 67  | 16.5  | 2400   | 3000 | 2462 | 38   | 150  | 150  | 3200 | 2462 | 38 | 150  |
| 50  | N 319  | 60  | 5     | 2450   | 3050 | 2667 | 44   | 65   | 65   | 3250 | 2667 | 44 | 65   |
| 50  | N 1256 | 44  | 175   | 2500   | 3100 | 2216 | 40   | 27   | 27   | 3300 | 2216 | 40 | 27   |
| 50  | N 689  | 50  | 24    | 2550   | 3150 | 2750 | 38   | 300  | 300  | 3350 | 2750 | 38 | 300  |
| 50  | N 682  | 60  | 9.5   | 2600   | 3200 | 2872 | 45   | 150  | 150  | 3400 | 2872 | 45 | 150  |
| 50  | N 1723 | 18  | 300   | 2650   | 3250 | 2933 | 46   | 50   | 50   | 3450 | 2933 | 46 | 50   |
| 50  | N 1838 | 38  | 80    | 2700   | 3300 | 3630 | 56   | 40   | 40   | 3500 | 3630 | 56 | 40   |

NEWMONT  
Exploration

SIMILKAMEEN  
VOIGT

CHARGEABILITY  
P. M. DUNN 03JUN87



LINE 800W  
DIPOLE-DIPOLE

N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft

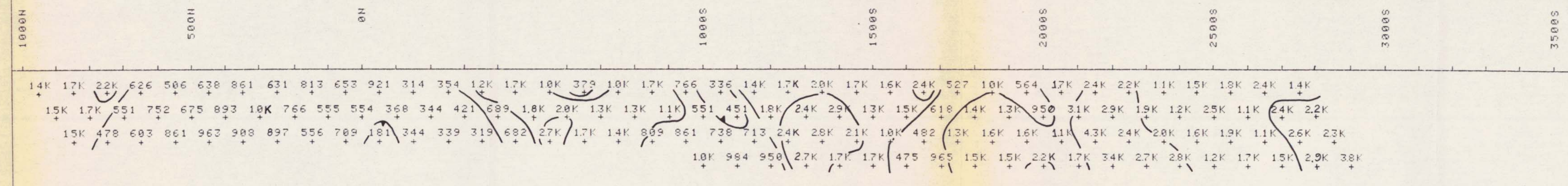
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3

NEWMONT  
Exploration

SIMILKAMEEN  
VOIGT

RESISTIVITY  
P. M. DUNN 03JUN87



LINE 800W  
DIPOLE-DIPOLE

N = 1  
N = 2  
N = 3  
SPREAD 100  
Ω-m 0 ft 400 ft

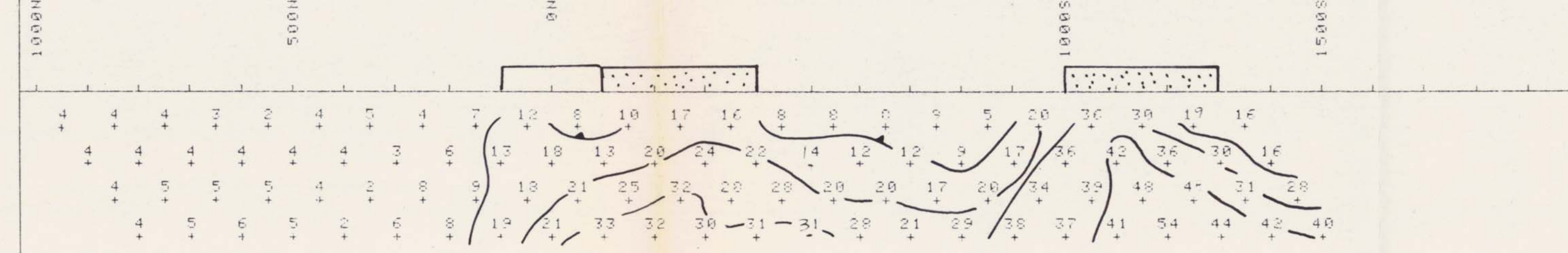


# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR RC  
22JUL87  
DIPOLE SPREAD: 100  
LINE 1000W

| RT  | RHO   | CHRG | RVOLTS |       |      |    |     |     |     |
|-----|-------|------|--------|-------|------|----|-----|-----|-----|
| 950 | N 196 | 4    | 120    | 2550  | 557  | 17 | 15  | 505 |     |
| 900 | N 167 | 4    | 200    | 3000  | 743  | 24 | 20  | 500 |     |
| 850 | N 270 | 4    | 100    | 3500  | 861  | 28 | 25  | 500 |     |
| 800 | N 295 | 4    | 0      | 4000  | 811  | 31 | 10  | 500 |     |
| 350 | N 176 | 4    | 0      | 3500  | 480  | 16 | 210 | 500 |     |
| 800 | N 291 | 4    | 0      | 4000  | 733  | 20 | 300 | 500 |     |
| 750 | N 397 | 4    | 0      | 4500  | 600  | 30 | 300 | 500 |     |
| 700 | N 552 | 4    | 0      | 5000  | 750  | 31 | 16  | 500 |     |
| 750 | N 152 | 4    | 0      | 4500  | 792  | 30 | 400 | 500 |     |
| 700 | N 211 | 4    | 0      | 5000  | 950  | 14 | 120 | 500 |     |
| 650 | N 351 | 4    | 0      | 5500  | 990  | 20 | 500 | 500 |     |
| 600 | N 374 | 4    | 0      | 6000  | 1010 | 20 | 20  | 500 |     |
| 650 | N 125 | 4    | 0      | 6500  | 583  | 10 | 500 | 500 |     |
| 600 | N 208 | 4    | 0      | 7000  | 1100 | 10 | 120 | 500 |     |
| 550 | N 344 | 4    | 0      | 7500  | 1200 | 20 | 500 | 500 |     |
| 500 | N 376 | 4    | 0      | 8000  | 1300 | 21 | 20  | 500 |     |
| 550 | N 127 | 4    | 0      | 8500  | 804  | 10 | 70  | 10  | 500 |
| 500 | N 202 | 4    | 0      | 9000  | 1072 | 10 | 10  | 500 |     |
| 450 | N 304 | 4    | 0      | 9500  | 1140 | 10 | 20  | 500 |     |
| 400 | N 270 | 4    | 0      | 10000 | 1140 | 10 | 500 | 500 |     |
| 450 | N 218 | 4    | 0      | 10500 | 957  | 10 | 100 | 500 |     |
| 400 | N 229 | 4    | 0      | 11000 | 1140 | 10 | 400 | 500 |     |
| 350 | N 215 | 4    | 0      | 11500 | 957  | 10 | 15  | 500 |     |
| 300 | N 201 | 4    | 0      | 12000 | 1021 | 10 | 0   | 500 |     |
| 350 | N 328 | 4    | 0      | 12500 | 1077 | 10 | 150 | 500 |     |
| 300 | N 246 | 4    | 0      | 13000 | 904  | 10 | 21  | 500 |     |
| 250 | N 221 | 4    | 0      | 13500 | 1184 | 10 | 34  | 500 |     |
| 200 | N 299 | 4    | 0      | 14000 | 861  | 10 | 60  | 500 |     |
| 250 | N 308 | 4    | 0      | 14500 | 861  | 10 | 240 | 500 |     |
| 200 | N 260 | 4    | 0      | 15000 | 1140 | 10 | 30  | 500 |     |
| 150 | N 225 | 4    | 0      | 15500 | 915  | 10 | 25  | 500 |     |
| 100 | N 400 | 4    | 0      | 16000 | 1184 | 10 | 15  | 500 |     |
| 150 | N 228 | 4    | 0      | 16500 | 1050 | 10 | 40  | 500 |     |
| 100 | N 294 | 4    | 0      | 17000 | 915  | 10 | 500 | 500 |     |
| 50  | N 353 | 4    | 0      | 17500 | 1050 | 10 | 40  | 500 |     |
| 0   | N 129 | 4    | 0      | 18000 | 861  | 10 | 54  | 500 |     |
| 50  | N 194 | 4    | 0      | 18500 | 1184 | 10 | 30  | 500 |     |
| 0   | N 303 | 4    | 0      | 19000 | 1325 | 10 | 36  | 500 |     |
| 50  | N 300 | 4    | 0      | 19500 | 1184 | 10 | 44  | 500 |     |
| 100 | N 306 | 4    | 0      | 20000 | 1325 | 10 | 44  | 500 |     |
| 50  | N 394 | 4    | 0      | 20500 | 1430 | 10 | 600 | 500 |     |
| 100 | N 403 | 4    | 0      | 21000 | 1240 | 10 | 135 | 500 |     |
| 150 | N 414 | 4    | 0      | 21500 | 1608 | 10 | 31  | 500 |     |
| 200 | N 427 | 4    | 0      | 22000 | 2290 | 10 | 42  | 500 |     |
| 150 | N 419 | 4    | 0      | 22500 | 861  | 10 | 15  | 210 | 500 |
| 200 | N 544 | 4    | 0      | 23000 | 1530 | 10 | 15  | 500 |     |
| 250 | N 453 | 4    | 0      | 23500 | 2120 | 10 | 30  | 500 |     |
| 300 | N 463 | 4    | 0      | 24000 | 1787 | 10 | 40  | 500 |     |

NEWMONT  
Exploration  
  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
RC 22JUL87

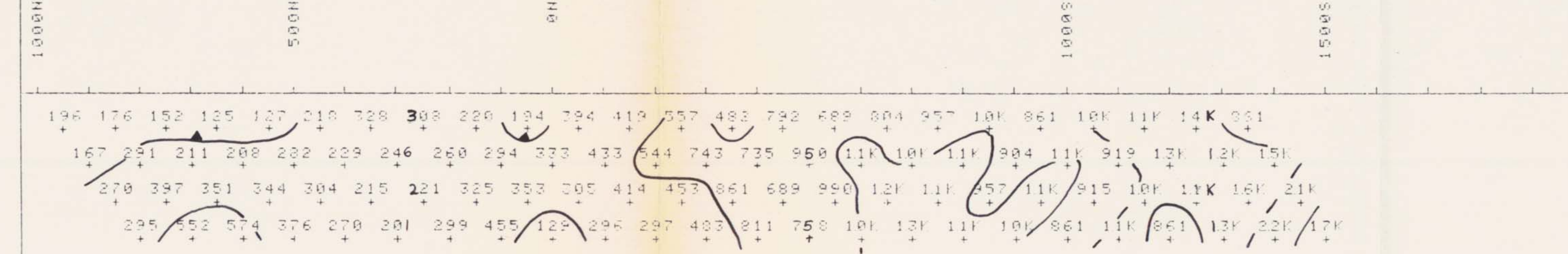


LINE 1000W  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3

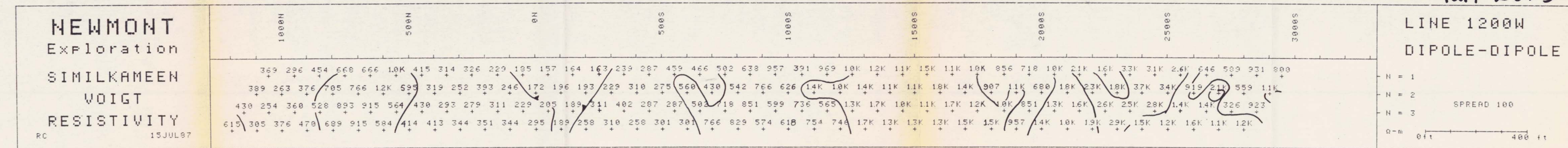
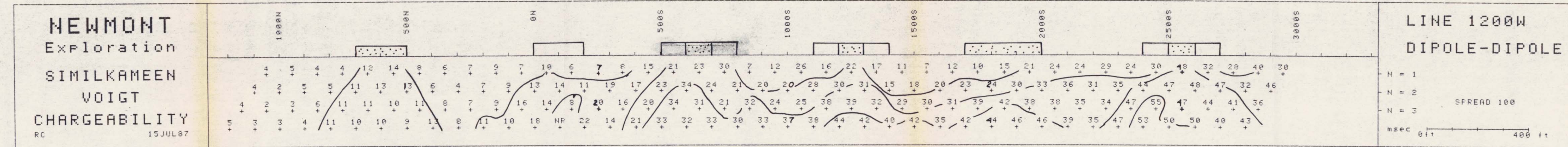
NEWMONT  
Exploration  
  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
RC 22JUL87



LINE 1000W  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
0 ft 400 ft



SIMILKAMEEN  
VOIGT  
OPERATOR RC  
15JUL87  
DIPOLE SPREAD: 100  
LINE 1200W

[illegible]GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3

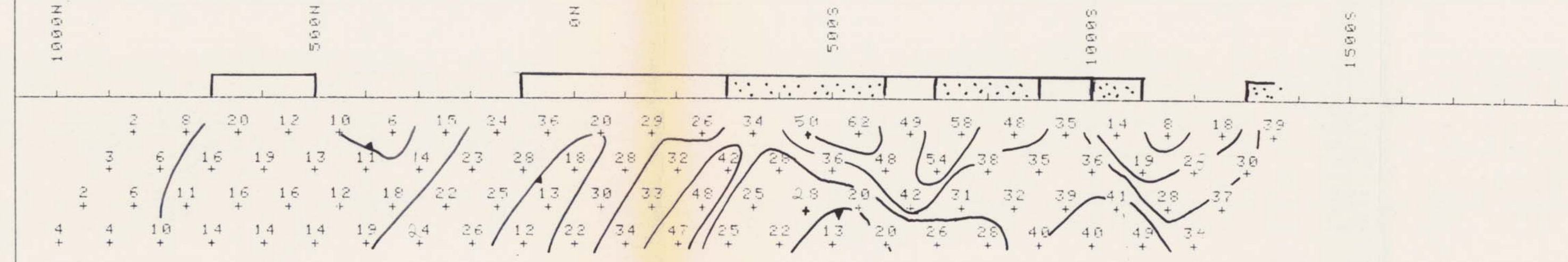


# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR S. GILLHAM  
21/07/87  
DIPOLE SPREAD: 100  
LINE 1400W

| N | AT   | RHO | CHARG | MVOLTS | N    | AT | RHO  | CHARG | MVOLTS |
|---|------|-----|-------|--------|------|----|------|-------|--------|
| 1 | 1350 | 0   | 228   | 39     | 135  | 0  | 392  | 33    | 27     |
| 1 | 1300 | 0   | 263   | 30     | 39   | 0  | 420  | 34    | 15     |
| 1 | 1250 | 0   | 354   | 37     | 21   | 0  | 344  | 29    | 165    |
| 1 | 1200 | 0   | 492   | 34     | 15   | 0  | 376  | 28    | 49     |
| 1 | 1150 | 0   | 227   | 18     | 95   | 0  | 438  | 30    | 21     |
| 1 | 1100 | 0   | 352   | 28     | 30   | 0  | 417  | 22    | 10     |
| 1 | 1050 | 0   | 526   | 28     | 16.5 | 0  | 205  | 20    | 100    |
| 1 | 1000 | 0   | 446   | 49     | 0    | 0  | 203  | 18    | 34.5   |
| 1 | 950  | 0   | 323   | 8      | 90   | 0  | 307  | 13    | 15     |
| 1 | 900  | 0   | 505   | 19     | 33   | 0  | 307  | 12    | 7.5    |
| 1 | 850  | 0   | 615   | 41     | 15   | 0  | 259  | 36    | 210    |
| 1 | 800  | 0   | 533   | 40     | 6.5  | 0  | 321  | 28    | 65     |
| 1 | 750  | 0   | 271   | 14     | 85   | 0  | 330  | 25    | 27     |
| 1 | 700  | 0   | 383   | 36     | 30   | 0  | 574  | 26    | 24     |
| 1 | 650  | 0   | 383   | 39     | 12   | 0  | 522  | 24    | 500    |
| 1 | 600  | 0   | 304   | 40     | 4.5  | 0  | 438  | 23    | 105    |
| 1 | 550  | 0   | 510   | 35     | 240  | 0  | 615  | 22    | 60     |
| 1 | 500  | 0   | 383   | 35     | 50   | 0  | 707  | 24    | 34.5   |
| 1 | 450  | 0   | 229   | 32     | 12   | 0  | 834  | 15    | 450    |
| 1 | 400  | 0   | 383   | 28     | 10   | 0  | 1000 | 14    | 135    |
| 1 | 350  | 0   | 274   | 40     | 110  | 0  | 1204 | 18    | 65.5   |
| 1 | 300  | 0   | 164   | 38     | 16.5 | 0  | 1167 | 19    | 31.5   |
| 1 | 250  | 0   | 249   | 31     | 10   | 0  | 682  | 6     | 285    |
| 1 | 200  | 0   | 274   | 26     | 5.5  | 0  | 1149 | 11    | 120    |
| 1 | 150  | 0   | 246   | 58     | 60   | 0  | 1196 | 12    | 50     |
| 1 | 100  | 0   | 291   | 54     | 16.5 | 0  | 1005 | 14    | 21     |
| 1 | 50   | 0   | 309   | 42     | 7    | 0  | 957  | 10    | 450    |
| 1 | 0    | 0   | 145   | 20     | 1.65 | 0  | 978  | 13    | 110    |
| 1 | 0    | 0   | 377   | 49     | 105  | 0  | 923  | 16    | 45     |
| 1 | 0    | 0   | 280   | 40     | 15.5 | 0  | 800  | 14    | 19.5   |
| 1 | 0    | 0   | 120   | 20     | 3.15 | 0  | 1485 | 12    | 1500   |
| 1 | 0    | 0   | 172   | 13     | 2.25 | 0  | 1307 | 19    | 330    |
| 1 | 0    | 0   | 344   | 30     | 50   | 0  | 1217 | 16    | 125    |
| 1 | 0    | 0   | 84    | 30     | 5.5  | 0  | 775  | 14    | 40.5   |
| 1 | 0    | 0   | 120   | 28     | 3.15 | 0  | 1367 | 20    | 500    |
| 1 | 0    | 0   | 160   | 22     | 2.1  | 0  | 1477 | 16    | 135    |
| 1 | 0    | 0   | 70    | 50     | 15   | 0  | 779  | 11    | 28.5   |
| 1 | 0    | 0   | 104   | 28     | 5    | 0  | 1313 | 24    | 24     |
| 1 | 0    | 0   | 190   | 25     | 3.15 | 0  | 997  | 8     | 330    |
| 1 | 0    | 0   | 258   | 25     | 2.25 | 0  | 604  | 6     | 50     |
| 1 | 0    | 0   | 310   | 34     | 135  | 0  | 1005 | 6     | 31.5   |
| 1 | 0    | 0   | 261   | 42     | 28.5 | 0  | 542  | 4     | 6.5    |
| 1 | 0    | 0   | 364   | 48     | 16.5 | 0  | 359  | 2     | 225    |
| 1 | 0    | 0   | 353   | 47     | 8    | 0  | 702  | 3     | 110    |
| 1 | 0    | 0   | 218   | 26     | 150  | 0  | 430  | 2     | 27     |
| 1 | 0    | 0   | 349   | 32     | 60   | 0  | 574  | 4     | 18     |

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
S. GILLHAM 21/07/87



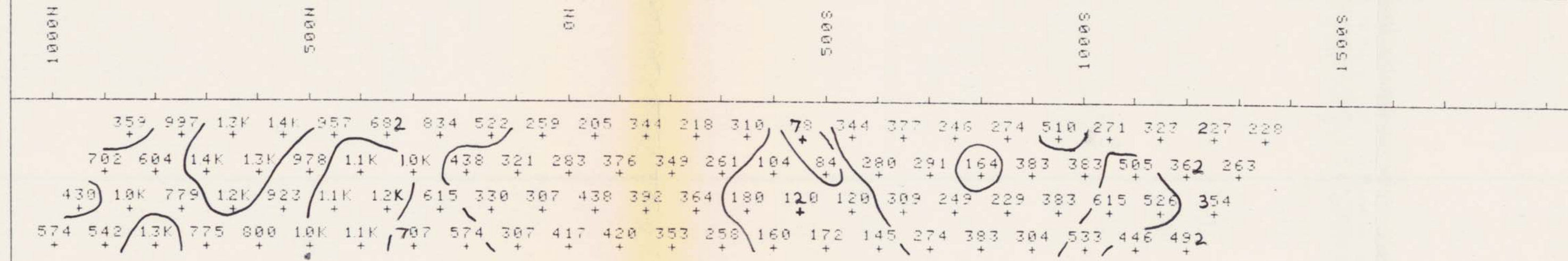
LINE 1400W  
DIPOLE-DIPOLE

N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
S. GILLHAM 21/07/87



LINE 1400W  
DIPOLE-DIPOLE

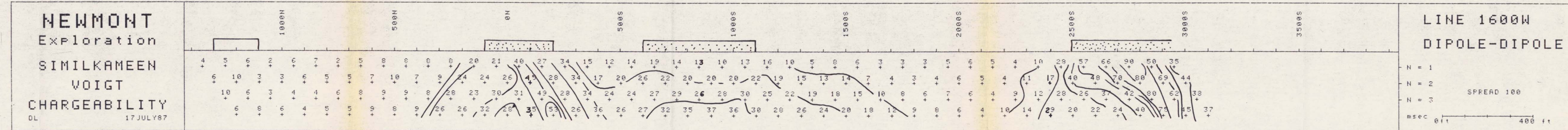
N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft



# RESULTS DIPOLE-DIPOLE IP SURVEY

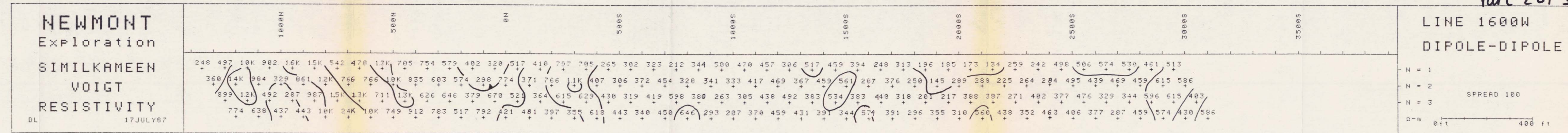
SIMILKAMEEN  
VOIGT  
OPERATOR DL  
17 JULY 87  
DIPOLE SPREAD: 100  
LINE 1600W

| N   | AT   | RHO | CHARG | MVOLT | N   | AT  | RHO  | CHARG | MVOLT |
|-----|------|-----|-------|-------|-----|-----|------|-------|-------|
| 1   | 1350 | N   | 248   | 4     | 150 | 1   | 1350 | N     | 248   |
| 2   | 1300 | N   | 360   | 6     | 150 | 2   | 1300 | N     | 360   |
| 3   | 1250 | N   | 899   | 10    | 150 | 3   | 1250 | N     | 899   |
| 4   | 1200 | N   | 774   | 5     | 150 | 4   | 1200 | N     | 774   |
| 5   | 1150 | N   | 497   | 5     | 150 | 5   | 1150 | N     | 497   |
| 6   | 1100 | N   | 1446  | 10    | 150 | 6   | 1100 | N     | 1446  |
| 7   | 1050 | N   | 1212  | 5     | 150 | 7   | 1050 | N     | 1212  |
| 8   | 1000 | N   | 638   | 15    | 150 | 8   | 1000 | N     | 638   |
| 9   | 950  | N   | 1066  | 390   | 150 | 9   | 950  | N     | 1066  |
| 10  | 900  | N   | 984   | 90    | 150 | 10  | 900  | N     | 984   |
| 11  | 850  | N   | 492   | 10    | 150 | 11  | 850  | N     | 492   |
| 12  | 800  | N   | 437   | 0     | 150 | 12  | 800  | N     | 437   |
| 13  | 750  | N   | 330   | 330   | 150 | 13  | 750  | N     | 330   |
| 14  | 700  | N   | 329   | 31.5  | 150 | 14  | 700  | N     | 329   |
| 15  | 650  | N   | 287   | 11    | 150 | 15  | 650  | N     | 287   |
| 16  | 600  | N   | 443   | 0     | 150 | 16  | 600  | N     | 443   |
| 17  | 550  | N   | 1515  | 900   | 150 | 17  | 550  | N     | 1515  |
| 18  | 500  | N   | 861   | 120   | 150 | 18  | 500  | N     | 861   |
| 19  | 450  | N   | 987   | 0     | 150 | 19  | 450  | N     | 987   |
| 20  | 400  | N   | 1036  | 0     | 150 | 20  | 400  | N     | 1036  |
| 21  | 350  | N   | 1551  | 0     | 150 | 21  | 350  | N     | 1551  |
| 22  | 300  | N   | 890   | 0     | 150 | 22  | 300  | N     | 890   |
| 23  | 250  | N   | 1263  | 0     | 150 | 23  | 250  | N     | 1263  |
| 24  | 200  | N   | 2411  | 0     | 150 | 24  | 200  | N     | 2411  |
| 25  | 150  | N   | 542   | 0     | 150 | 25  | 150  | N     | 542   |
| 26  | 100  | N   | 700   | 0     | 150 | 26  | 100  | N     | 700   |
| 27  | 50   | N   | 1340  | 0     | 150 | 27  | 50   | N     | 1340  |
| 28  | 0    | N   | 1021  | 0     | 150 | 28  | 0    | N     | 1021  |
| 29  | 0    | N   | 478   | 0     | 150 | 29  | 0    | N     | 478   |
| 30  | 0    | N   | 766   | 0     | 150 | 30  | 0    | N     | 766   |
| 31  | 0    | N   | 711   | 0     | 150 | 31  | 0    | N     | 711   |
| 32  | 0    | N   | 749   | 0     | 150 | 32  | 0    | N     | 749   |
| 33  | 0    | N   | 1392  | 0     | 150 | 33  | 0    | N     | 1392  |
| 34  | 0    | N   | 1079  | 0     | 150 | 34  | 0    | N     | 1079  |
| 35  | 0    | N   | 1392  | 0     | 150 | 35  | 0    | N     | 1392  |
| 36  | 0    | N   | 912   | 0     | 150 | 36  | 0    | N     | 912   |
| 37  | 0    | N   | 705   | 0     | 150 | 37  | 0    | N     | 705   |
| 38  | 0    | N   | 835   | 0     | 150 | 38  | 0    | N     | 835   |
| 39  | 0    | N   | 626   | 0     | 150 | 39  | 0    | N     | 626   |
| 40  | 0    | N   | 783   | 0     | 150 | 40  | 0    | N     | 783   |
| 41  | 0    | N   | 754   | 0     | 150 | 41  | 0    | N     | 754   |
| 42  | 0    | N   | 603   | 0     | 150 | 42  | 0    | N     | 603   |
| 43  | 0    | N   | 646   | 0     | 150 | 43  | 0    | N     | 646   |
| 44  | 0    | N   | 517   | 0     | 150 | 44  | 0    | N     | 517   |
| 45  | 0    | N   | 579   | 0     | 150 | 45  | 0    | N     | 579   |
| 46  | 0    | N   | 574   | 0     | 150 | 46  | 0    | N     | 574   |
| 47  | 0    | N   | 379   | 0     | 150 | 47  | 0    | N     | 379   |
| 48  | 0    | N   | 792   | 0     | 150 | 48  | 0    | N     | 792   |
| 49  | 0    | N   | 402   | 0     | 150 | 49  | 0    | N     | 402   |
| 50  | 0    | N   | 298   | 0     | 150 | 50  | 0    | N     | 298   |
| 51  | 0    | N   | 670   | 0     | 150 | 51  | 0    | N     | 670   |
| 52  | 0    | N   | 421   | 0     | 150 | 52  | 0    | N     | 421   |
| 53  | 0    | N   | 481   | 0     | 150 | 53  | 0    | N     | 481   |
| 54  | 0    | N   | 397   | 0     | 150 | 54  | 0    | N     | 397   |
| 55  | 0    | N   | 355   | 0     | 150 | 55  | 0    | N     | 355   |
| 56  | 0    | N   | 618   | 0     | 150 | 56  | 0    | N     | 618   |
| 57  | 0    | N   | 443   | 0     | 150 | 57  | 0    | N     | 443   |
| 58  | 0    | N   | 340   | 0     | 150 | 58  | 0    | N     | 340   |
| 59  | 0    | N   | 450   | 0     | 150 | 59  | 0    | N     | 450   |
| 60  | 0    | N   | 646   | 0     | 150 | 60  | 0    | N     | 646   |
| 61  | 0    | N   | 293   | 0     | 150 | 61  | 0    | N     | 293   |
| 62  | 0    | N   | 287   | 0     | 150 | 62  | 0    | N     | 287   |
| 63  | 0    | N   | 370   | 0     | 150 | 63  | 0    | N     | 370   |
| 64  | 0    | N   | 459   | 0     | 150 | 64  | 0    | N     | 459   |
| 65  | 0    | N   | 431   | 0     | 150 | 65  | 0    | N     | 431   |
| 66  | 0    | N   | 391   | 0     | 150 | 66  | 0    | N     | 391   |
| 67  | 0    | N   | 344   | 0     | 150 | 67  | 0    | N     | 344   |
| 68  | 0    | N   | 574   | 0     | 150 | 68  | 0    | N     | 574   |
| 69  | 0    | N   | 391   | 0     | 150 | 69  | 0    | N     | 391   |
| 70  | 0    | N   | 296   | 0     | 150 | 70  | 0    | N     | 296   |
| 71  | 0    | N   | 355   | 0     | 150 | 71  | 0    | N     | 355   |
| 72  | 0    | N   | 310   | 0     | 150 | 72  | 0    | N     | 310   |
| 73  | 0    | N   | 560   | 0     | 150 | 73  | 0    | N     | 560   |
| 74  | 0    | N   | 438   | 0     | 150 | 74  | 0    | N     | 438   |
| 75  | 0    | N   | 352   | 0     | 150 | 75  | 0    | N     | 352   |
| 76  | 0    | N   | 463   | 0     | 150 | 76  | 0    | N     | 463   |
| 77  | 0    | N   | 406   | 0     | 150 | 77  | 0    | N     | 406   |
| 78  | 0    | N   | 377   | 0     | 150 | 78  | 0    | N     | 377   |
| 79  | 0    | N   | 287   | 0     | 150 | 79  | 0    | N     | 287   |
| 80  | 0    | N   | 476   | 0     | 150 | 80  | 0    | N     | 476   |
| 81  | 0    | N   | 377   | 0     | 150 | 81  | 0    | N     | 377   |
| 82  | 0    | N   | 506   | 0     | 150 | 82  | 0    | N     | 506   |
| 83  | 0    | N   | 439   | 0     | 150 | 83  | 0    | N     | 439   |
| 84  | 0    | N   | 329   | 0     | 150 | 84  | 0    | N     | 329   |
| 85  | 0    | N   | 287   | 0     | 150 | 85  | 0    | N     | 287   |
| 86  | 0    | N   | 574   | 0     | 150 | 86  | 0    | N     | 574   |
| 87  | 0    | N   | 469   | 0     | 150 | 87  | 0    | N     | 469   |
| 88  | 0    | N   | 344   | 0     | 150 | 88  | 0    | N     | 344   |
| 89  | 0    | N   | 459   | 0     | 150 | 89  | 0    | N     | 459   |
| 90  | 0    | N   | 530   | 0     | 150 | 90  | 0    | N     | 530   |
| 91  | 0    | N   | 459   | 0     | 150 | 91  | 0    | N     | 459   |
| 92  | 0    | N   | 615   | 0     | 150 | 92  | 0    | N     | 615   |
| 93  | 0    | N   | 586   | 0     | 150 | 93  | 0    | N     | 586   |
| 94  | 0    | N   | 403   | 0     | 150 | 94  | 0    | N     | 403   |
| 95  | 0    | N   | 574   | 0     | 150 | 95  | 0    | N     | 574   |
| 96  | 0    | N   | 430   | 0     | 150 | 96  | 0    | N     | 430   |
| 97  | 0    | N   | 586   | 0     | 150 | 97  | 0    | N     | 586   |
| 98  | 0    | N   | 371   | 0     | 150 | 98  | 0    | N     | 371   |
| 99  | 0    | N   | 774   | 0     | 150 | 99  | 0    | N     | 774   |
| 100 | 0    | N   | 638   | 0     | 150 | 100 | 0    | N     | 638   |



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16,745  
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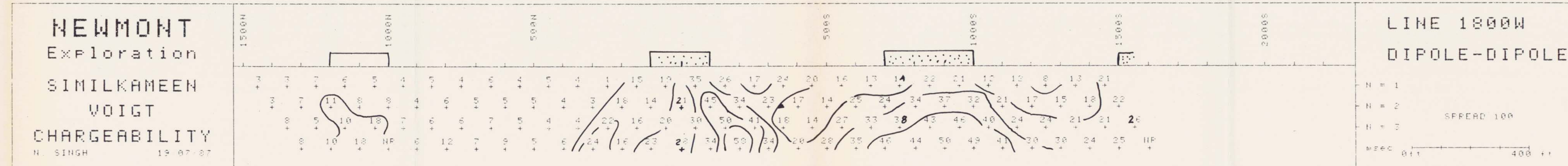




# RESULTS DIPOLE-DIPOLE IP SURVEY

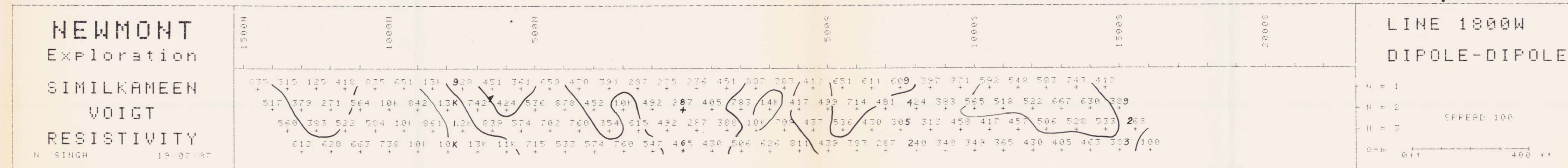
SIMILKAMEEN  
VOIGT  
OPERATOR N. SINGH  
19/07/87  
DIPOLE SPREAD: 100  
LINE 1800W

| RT   | RHO    | CHARG | MUOLTS |
|------|--------|-------|--------|
| 1450 | N 5635 |       | 50     |
| 1400 | N 5175 |       | 100    |
| 1350 | N 5600 |       | 150    |
| 1300 | N 5150 |       | 200    |
| 1250 | N 5150 |       | 250    |
| 1200 | N 5150 |       | 300    |
| 1150 | N 5150 |       | 350    |
| 1100 | N 5150 |       | 400    |
| 1050 | N 5150 |       | 450    |
| 1000 | N 5150 |       | 500    |
| 950  | N 5150 |       | 550    |
| 900  | N 5150 |       | 600    |
| 850  | N 5150 |       | 650    |
| 800  | N 5150 |       | 700    |
| 750  | N 5150 |       | 750    |
| 700  | N 5150 |       | 800    |
| 650  | N 5150 |       | 850    |
| 600  | N 5150 |       | 900    |
| 550  | N 5150 |       | 950    |
| 500  | N 5150 |       | 1000   |
| 450  | N 5150 |       | 1050   |
| 400  | N 5150 |       | 1100   |
| 350  | N 5150 |       | 1150   |
| 300  | N 5150 |       | 1200   |
| 250  | N 5150 |       | 1250   |
| 200  | N 5150 |       | 1300   |
| 150  | N 5150 |       | 1350   |
| 100  | N 5150 |       | 1400   |
| 50   | N 5150 |       | 1450   |
| 0    | N 5150 |       | 1500   |
| 0    | N 5150 |       | 1550   |
| 0    | N 5150 |       | 1600   |
| 0    | N 5150 |       | 1650   |
| 0    | N 5150 |       | 1700   |
| 0    | N 5150 |       | 1750   |
| 0    | N 5150 |       | 1800   |
| 0    | N 5150 |       | 1850   |
| 0    | N 5150 |       | 1900   |
| 0    | N 5150 |       | 1950   |
| 0    | N 5150 |       | 2000   |
| 0    | N 5150 |       | 2050   |
| 0    | N 5150 |       | 2100   |
| 0    | N 5150 |       | 2150   |
| 0    | N 5150 |       | 2200   |
| 0    | N 5150 |       | 2250   |
| 0    | N 5150 |       | 2300   |
| 0    | N 5150 |       | 2350   |
| 0    | N 5150 |       | 2400   |
| 0    | N 5150 |       | 2450   |
| 0    | N 5150 |       | 2500   |
| 0    | N 5150 |       | 2550   |
| 0    | N 5150 |       | 2600   |
| 0    | N 5150 |       | 2650   |
| 0    | N 5150 |       | 2700   |
| 0    | N 5150 |       | 2750   |
| 0    | N 5150 |       | 2800   |
| 0    | N 5150 |       | 2850   |
| 0    | N 5150 |       | 2900   |
| 0    | N 5150 |       | 2950   |
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| 0    | N 5150 |       | 3050   |
| 0    | N 5150 |       | 3100   |
| 0    | N 5150 |       | 3150   |
| 0    | N 5150 |       | 3200   |
| 0    | N 5150 |       | 3250   |
| 0    | N 5150 |       | 3300   |
| 0    | N 5150 |       | 3350   |
| 0    | N 5150 |       | 3400   |
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| 0    | N 5150 |       | 3700   |
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| 0    | N 5150 |       | 3900   |
| 0    | N 5150 |       | 3950   |
| 0    | N 5150 |       | 4000   |
| 0    | N 5150 |       | 4050   |
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| 0    | N 5150 |       | 4200   |
| 0    | N 5150 |       | 4250   |
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| 0    | N 5150 |       | 4650   |
| 0    | N 5150 |       | 4700   |
| 0    | N 5150 |       | 4750   |
| 0    | N 5150 |       | 4800   |
| 0    | N 5150 |       | 4850   |
| 0    | N 5150 |       | 4900   |
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| 0    | N 5150 |       | 5000   |
| 0    | N 5150 |       | 5050   |
| 0    | N 5150 |       | 5100   |
| 0    | N 5150 |       | 5150   |
| 0    | N 5150 |       | 5200   |
| 0    | N 5150 |       | 5250   |
| 0    | N 5150 |       | 5300   |
| 0    | N 5150 |       | 5350   |
| 0    | N 5150 |       | 5400   |
| 0    | N 5150 |       | 5450   |
| 0    | N 5150 |       | 5500   |
| 0    | N 5150 |       | 5550   |
| 0    | N 5150 |       | 5600   |
| 0    | N 5150 |       | 5650   |
| 0    | N 5150 |       | 5700   |
| 0    | N 5150 |       | 5750   |
| 0    | N 5150 |       | 5800   |
| 0    | N 5150 |       | 5850   |
| 0    | N 5150 |       | 5900   |
| 0    | N 5150 |       | 5950   |
| 0    | N 5150 |       | 6000   |
| 0    | N 5150 |       | 6050   |
| 0    | N 5150 |       | 6100   |
| 0    | N 5150 |       | 6150   |
| 0    | N 5150 |       | 6200   |
| 0    | N 5150 |       | 6250   |
| 0    | N 5150 |       | 6300   |
| 0    | N 5150 |       | 6350   |
| 0    | N 5150 |       | 6400   |
| 0    | N 5150 |       | 6450   |
| 0    | N 5150 |       | 6500   |
| 0    | N 5150 |       | 6550   |
| 0    | N 5150 |       | 6600   |
| 0    | N 5150 |       | 6650   |
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| 0    | N 5150 |       | 6750   |
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| 0    | N 5150 |       | 6850   |
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| 0    | N 5150 |       | 7000   |
| 0    | N 5150 |       | 7050   |
| 0    | N 5150 |       | 7100   |
| 0    | N 5150 |       | 7150   |
| 0    | N 5150 |       | 7200   |
| 0    | N 5150 |       | 7250   |
| 0    | N 5150 |       | 7300   |
| 0    | N 5150 |       | 7350   |
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| 0    | N 5150 |       | 7450   |
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| 0    | N 5150 |       | 7550   |
| 0    | N 5150 |       | 7600   |
| 0    | N 5150 |       | 7650   |
| 0    | N 5150 |       | 7700   |
| 0    | N 5150 |       | 7750   |
| 0    | N 5150 |       | 7800   |
| 0    | N 5150 |       | 7850   |
| 0    | N 5150 |       | 7900   |
| 0    | N 5150 |       | 7950   |
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| 0    | N 5150 |       | 8050   |
| 0    | N 5150 |       | 8100   |
| 0    | N 5150 |       | 8150   |
| 0    | N 5150 |       | 8200   |
| 0    | N 5150 |       | 8250   |
| 0    | N 5150 |       | 8300   |
| 0    | N 5150 |       | 8350   |
| 0    | N 5150 |       | 8400   |
| 0    | N 5150 |       | 8450   |
| 0    | N 5150 |       | 8500   |
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| 0    | N 5150 |       | 8700   |
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| 0    | N 5150 |       | 9000   |
| 0    | N 5150 |       | 9050   |
| 0    | N 5150 |       | 9100   |
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| 0    | N 5150 |       | 9200   |
| 0    | N 5150 |       | 9250   |
| 0    | N 5150 |       | 9300   |
| 0    | N 5150 |       | 9350   |
| 0    | N 5150 |       | 9400   |
| 0    | N 5150 |       | 9450   |
| 0    | N 5150 |       | 9500   |
| 0    | N 5150 |       | 9550   |
| 0    | N 5150 |       | 9600   |
| 0    | N 5150 |       | 9650   |
| 0    | N 5150 |       | 9700   |
| 0    | N 5150 |       | 9750   |
| 0    | N 5150 |       | 9800   |
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| 0    | N 5150 |       | 10000  |



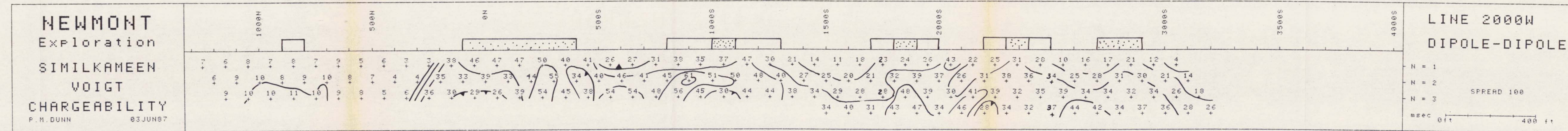
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3



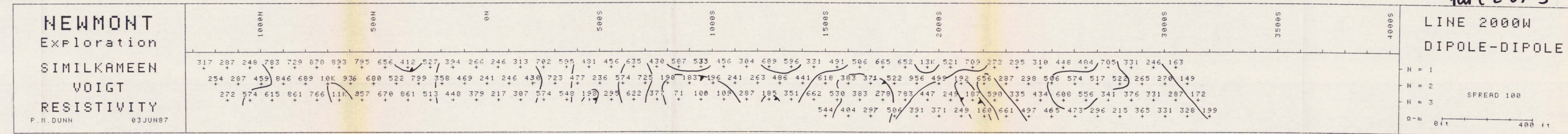


SIMILKAMEEN  
VOIGT  
OPERATOR P.M.DUNN  
03JUN87  
DIPOLE SPREAD: 10  
LINE 2000W

[illegible]

**GEOLOGICAL BRANCH  
ASSESSMENT REPORT**

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part 2 of 3



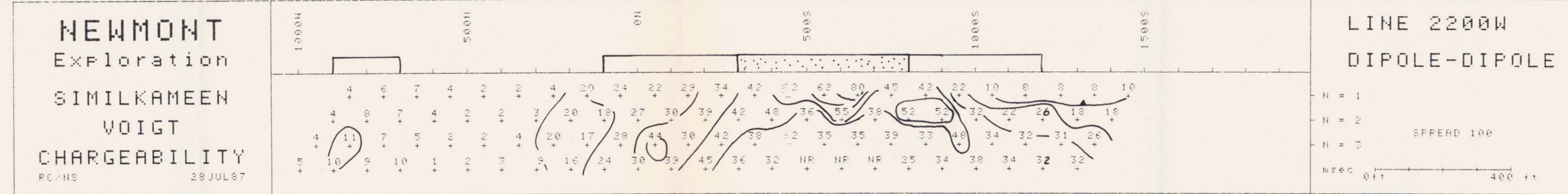


# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR RC/NS  
28 JUL 87  
DIPOLE SPREAD: 100  
LINE 2200W

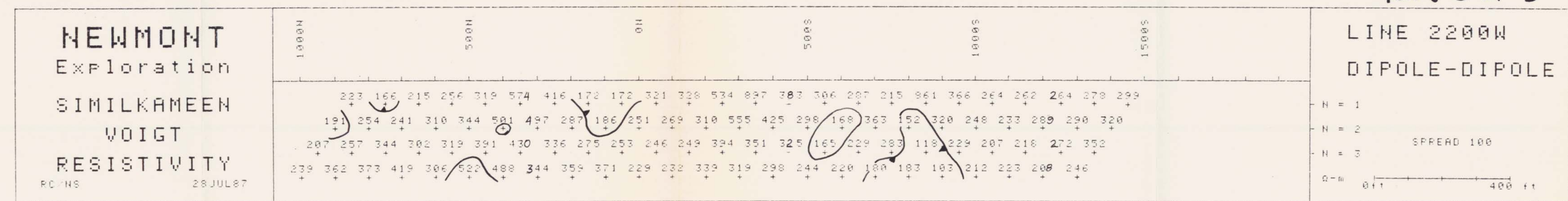
| N     | AT | RHO  | CHRG | MVOLTS |
|-------|----|------|------|--------|
| 1450  | 10 | 239  | 10   | 73     |
| 1400  | 10 | 320  | 10   | 19.5   |
| 1350  | 10 | 352  | 10   | 0.6    |
| 1300  | 10 | 246  | 10   | 0.3    |
| 1250  | 10 | 278  | 10   | 0.2    |
| 1200  | 10 | 290  | 10   | 0.4    |
| 1150  | 10 | 312  | 10   | 0.45   |
| 1100  | 10 | 323  | 10   | 11.5   |
| 1050  | 10 | 333  | 10   | 31.5   |
| 1000  | 10 | 344  | 10   | 9.5    |
| 950   | 10 | 355  | 10   | 4.45   |
| 900   | 10 | 366  | 10   | 1.15   |
| 850   | 10 | 377  | 10   | 0.6    |
| 800   | 10 | 388  | 10   | 0.3    |
| 750   | 10 | 399  | 10   | 0.2    |
| 700   | 10 | 410  | 10   | 0.15   |
| 650   | 10 | 421  | 10   | 0.1    |
| 600   | 10 | 432  | 10   | 0.08   |
| 550   | 10 | 443  | 10   | 0.06   |
| 500   | 10 | 454  | 10   | 0.05   |
| 450   | 10 | 465  | 10   | 0.04   |
| 400   | 10 | 476  | 10   | 0.03   |
| 350   | 10 | 487  | 10   | 0.02   |
| 300   | 10 | 498  | 10   | 0.01   |
| 250   | 10 | 509  | 10   | 0.01   |
| 200   | 10 | 520  | 10   | 0.01   |
| 150   | 10 | 531  | 10   | 0.01   |
| 100   | 10 | 542  | 10   | 0.01   |
| 50    | 10 | 553  | 10   | 0.01   |
| 0     | 10 | 564  | 10   | 0.01   |
| -50   | 10 | 575  | 10   | 0.01   |
| -100  | 10 | 586  | 10   | 0.01   |
| -150  | 10 | 597  | 10   | 0.01   |
| -200  | 10 | 608  | 10   | 0.01   |
| -250  | 10 | 619  | 10   | 0.01   |
| -300  | 10 | 630  | 10   | 0.01   |
| -350  | 10 | 641  | 10   | 0.01   |
| -400  | 10 | 652  | 10   | 0.01   |
| -450  | 10 | 663  | 10   | 0.01   |
| -500  | 10 | 674  | 10   | 0.01   |
| -550  | 10 | 685  | 10   | 0.01   |
| -600  | 10 | 696  | 10   | 0.01   |
| -650  | 10 | 707  | 10   | 0.01   |
| -700  | 10 | 718  | 10   | 0.01   |
| -750  | 10 | 729  | 10   | 0.01   |
| -800  | 10 | 740  | 10   | 0.01   |
| -850  | 10 | 751  | 10   | 0.01   |
| -900  | 10 | 762  | 10   | 0.01   |
| -950  | 10 | 773  | 10   | 0.01   |
| -1000 | 10 | 784  | 10   | 0.01   |
| -1050 | 10 | 795  | 10   | 0.01   |
| -1100 | 10 | 806  | 10   | 0.01   |
| -1150 | 10 | 817  | 10   | 0.01   |
| -1200 | 10 | 828  | 10   | 0.01   |
| -1250 | 10 | 839  | 10   | 0.01   |
| -1300 | 10 | 850  | 10   | 0.01   |
| -1350 | 10 | 861  | 10   | 0.01   |
| -1400 | 10 | 872  | 10   | 0.01   |
| -1450 | 10 | 883  | 10   | 0.01   |
| -1500 | 10 | 894  | 10   | 0.01   |
| -1550 | 10 | 905  | 10   | 0.01   |
| -1600 | 10 | 916  | 10   | 0.01   |
| -1650 | 10 | 927  | 10   | 0.01   |
| -1700 | 10 | 938  | 10   | 0.01   |
| -1750 | 10 | 949  | 10   | 0.01   |
| -1800 | 10 | 960  | 10   | 0.01   |
| -1850 | 10 | 971  | 10   | 0.01   |
| -1900 | 10 | 982  | 10   | 0.01   |
| -1950 | 10 | 993  | 10   | 0.01   |
| -2000 | 10 | 1004 | 10   | 0.01   |

|       |   |      |    |      |
|-------|---|------|----|------|
| 250   | 0 | 534  | 34 | 18.5 |
| 200   | 0 | 310  | 30 | 2.7  |
| 150   | 0 | 328  | 30 | 4.05 |
| 100   | 0 | 332  | 30 | 12.6 |
| 50    | 0 | 246  | 30 | 0.6  |
| 0     | 0 | 290  | 30 | 0.4  |
| -50   | 0 | 229  | 30 | 4.45 |
| -100  | 0 | 321  | 30 | 11.5 |
| -150  | 0 | 351  | 30 | 31.5 |
| -200  | 0 | 353  | 30 | 9.5  |
| -250  | 0 | 371  | 30 | 4.45 |
| -300  | 0 | 372  | 30 | 1.15 |
| -350  | 0 | 386  | 30 | 0.6  |
| -400  | 0 | 399  | 30 | 0.3  |
| -450  | 0 | 410  | 30 | 0.2  |
| -500  | 0 | 421  | 30 | 0.15 |
| -550  | 0 | 432  | 30 | 0.1  |
| -600  | 0 | 443  | 30 | 0.08 |
| -650  | 0 | 454  | 30 | 0.06 |
| -700  | 0 | 465  | 30 | 0.05 |
| -750  | 0 | 476  | 30 | 0.04 |
| -800  | 0 | 487  | 30 | 0.03 |
| -850  | 0 | 498  | 30 | 0.02 |
| -900  | 0 | 509  | 30 | 0.01 |
| -950  | 0 | 520  | 30 | 0.01 |
| -1000 | 0 | 531  | 30 | 0.01 |
| -1050 | 0 | 542  | 30 | 0.01 |
| -1100 | 0 | 553  | 30 | 0.01 |
| -1150 | 0 | 564  | 30 | 0.01 |
| -1200 | 0 | 575  | 30 | 0.01 |
| -1250 | 0 | 586  | 30 | 0.01 |
| -1300 | 0 | 597  | 30 | 0.01 |
| -1350 | 0 | 608  | 30 | 0.01 |
| -1400 | 0 | 619  | 30 | 0.01 |
| -1450 | 0 | 630  | 30 | 0.01 |
| -1500 | 0 | 641  | 30 | 0.01 |
| -1550 | 0 | 652  | 30 | 0.01 |
| -1600 | 0 | 663  | 30 | 0.01 |
| -1650 | 0 | 674  | 30 | 0.01 |
| -1700 | 0 | 685  | 30 | 0.01 |
| -1750 | 0 | 696  | 30 | 0.01 |
| -1800 | 0 | 707  | 30 | 0.01 |
| -1850 | 0 | 718  | 30 | 0.01 |
| -1900 | 0 | 729  | 30 | 0.01 |
| -1950 | 0 | 740  | 30 | 0.01 |
| -2000 | 0 | 751  | 30 | 0.01 |
| -2050 | 0 | 762  | 30 | 0.01 |
| -2100 | 0 | 773  | 30 | 0.01 |
| -2150 | 0 | 784  | 30 | 0.01 |
| -2200 | 0 | 795  | 30 | 0.01 |
| -2250 | 0 | 806  | 30 | 0.01 |
| -2300 | 0 | 817  | 30 | 0.01 |
| -2350 | 0 | 828  | 30 | 0.01 |
| -2400 | 0 | 839  | 30 | 0.01 |
| -2450 | 0 | 850  | 30 | 0.01 |
| -2500 | 0 | 861  | 30 | 0.01 |
| -2550 | 0 | 872  | 30 | 0.01 |
| -2600 | 0 | 883  | 30 | 0.01 |
| -2650 | 0 | 894  | 30 | 0.01 |
| -2700 | 0 | 905  | 30 | 0.01 |
| -2750 | 0 | 916  | 30 | 0.01 |
| -2800 | 0 | 927  | 30 | 0.01 |
| -2850 | 0 | 938  | 30 | 0.01 |
| -2900 | 0 | 949  | 30 | 0.01 |
| -2950 | 0 | 960  | 30 | 0.01 |
| -3000 | 0 | 971  | 30 | 0.01 |
| -3050 | 0 | 982  | 30 | 0.01 |
| -3100 | 0 | 993  | 30 | 0.01 |
| -3150 | 0 | 1004 | 30 | 0.01 |



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
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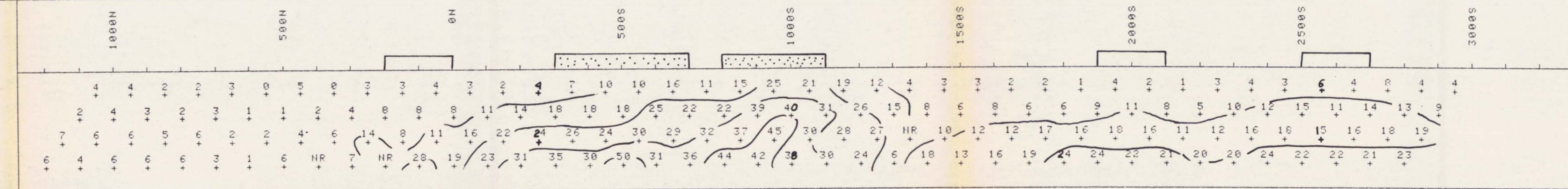


# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR NS  
18 JULY 87  
DIPOLE SPREAD: 100  
LINE 2400W

| N  | AT   | RHO | CHARG | MVOLTS | 1550 | 2552 | 12 | 5 | 5 | 200 | 5 | 155 | 14 | 21 |
|----|------|-----|-------|--------|------|------|----|---|---|-----|---|-----|----|----|
| 1  | 2350 | 0   | 133   | 25.5   | 1500 | 2338 | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 2  | 2350 | 0   | 156   | 7.5    | 1500 | 1222 | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 3  | 2350 | 0   | 203   | 3.9    | 1500 | 1081 | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 4  | 2350 | 0   | 213   | 2.04   | 1450 | 121  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 5  | 2350 | 0   | 112   | 2.16   | 1400 | 157  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 6  | 2350 | 0   | 167   | 1.3    | 1400 | 265  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 7  | 2350 | 0   | 180   | 0.45   | 1350 | 176  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 8  | 2350 | 0   | 225   | 2.16   | 1300 | 45   | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 9  | 2350 | 0   | 205   | 1.3    | 1250 | 131  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 10 | 2350 | 0   | 254   | 1.4    | 1200 | 162  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 11 | 2350 | 0   | 332   | 1.1    | 1150 | 164  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 12 | 2350 | 0   | 287   | 0.9    | 1100 | 142  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 13 | 2350 | 0   | 254   | 0.55   | 1050 | 157  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 14 | 2350 | 0   | 243   | 0.5    | 1000 | 140  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 15 | 2350 | 0   | 201   | 0.6    | 950  | 125  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 16 | 2350 | 0   | 194   | 0.5    | 900  | 132  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 17 | 2350 | 0   | 224   | 0.55   | 850  | 99   | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 18 | 2350 | 0   | 175   | 0.55   | 800  | 132  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 19 | 2350 | 0   | 175   | 0.55   | 750  | 183  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 20 | 2350 | 0   | 143   | 0.5    | 700  | 110  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 21 | 2350 | 0   | 135   | 0.5    | 650  | 140  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 22 | 2350 | 0   | 143   | 0.5    | 600  | 191  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 23 | 2350 | 0   | 251   | 0.55   | 550  | 176  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 24 | 2350 | 0   | 249   | 0.5    | 500  | 156  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 25 | 2350 | 0   | 212   | 0.5    | 450  | 248  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 26 | 2350 | 0   | 209   | 0.5    | 400  | 232  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 27 | 2350 | 0   | 212   | 0.5    | 350  | 319  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 28 | 2350 | 0   | 229   | 0.55   | 300  | 352  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 29 | 2350 | 0   | 255   | 0.55   | 250  | 287  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 30 | 2350 | 0   | 263   | 0.5    | 200  | 339  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 31 | 2350 | 0   | 184   | 0.5    | 150  | 497  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 32 | 2350 | 0   | 262   | 0.5    | 100  | 383  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 33 | 2350 | 0   | 287   | 0.5    | 50   | 555  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 34 | 2350 | 0   | 333   | 0.5    | 0    | 246  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 35 | 2350 | 0   | 271   | 0.5    | 0    | 369  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 36 | 2350 | 0   | 339   | 0.5    | 0    | 338  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 37 | 2350 | 0   | 335   | 0.5    | 0    | 348  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 38 | 2350 | 0   | 264   | 0.5    | 0    | 296  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 39 | 2350 | 0   | 275   | 0.5    | 0    | 246  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 40 | 2350 | 0   | 281   | 0.5    | 0    | 299  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 41 | 2350 | 0   | 168   | 0.5    | 0    | 321  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 42 | 2350 | 0   | 196   | 0.5    | 0    | 333  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 43 | 2350 | 0   | 211   | 0.5    | 0    | 213  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 44 | 2350 | 0   | 304   | 0.5    | 0    | 278  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 45 | 2350 | 0   | 126   | 0.5    | 0    | 340  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 46 | 2350 | 0   | 153   | 0.5    | 0    | 259  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 47 | 2350 | 0   | 229   | 0.5    | 0    | 317  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 48 | 2350 | 0   | 383   | 0.5    | 0    | 347  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 49 | 2350 | 0   | 107   | 0.5    | 0    | 259  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |
| 50 | 2350 | 0   | 162   | 0.5    | 0    | 340  | 13 | 5 | 5 | 150 | 5 | 203 | 22 | 11 |

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
NS 18 JULY 87

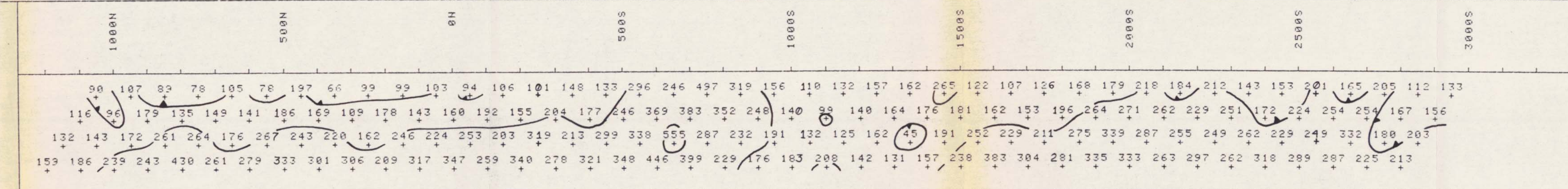


LINE 2400W  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
NS 18 JULY 87



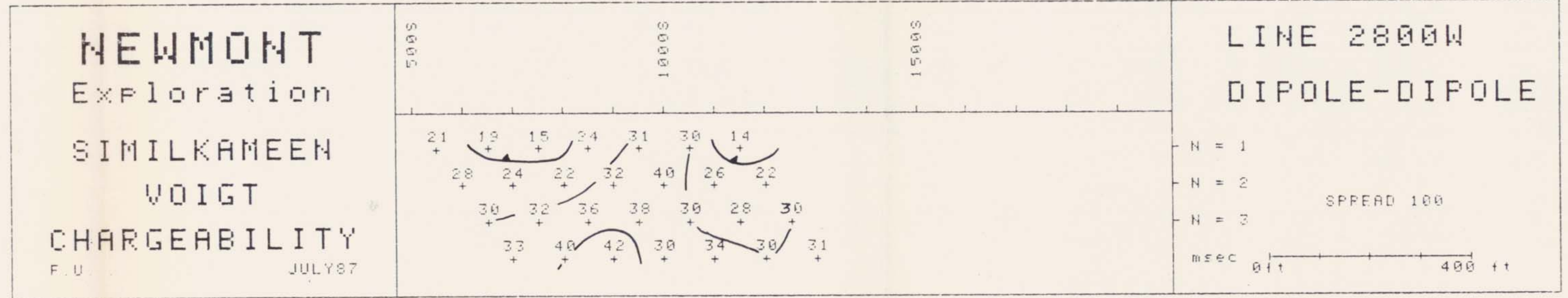
LINE 2400W  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft



# RESULTS DIPOLE-DIPOLE IP SURVEY

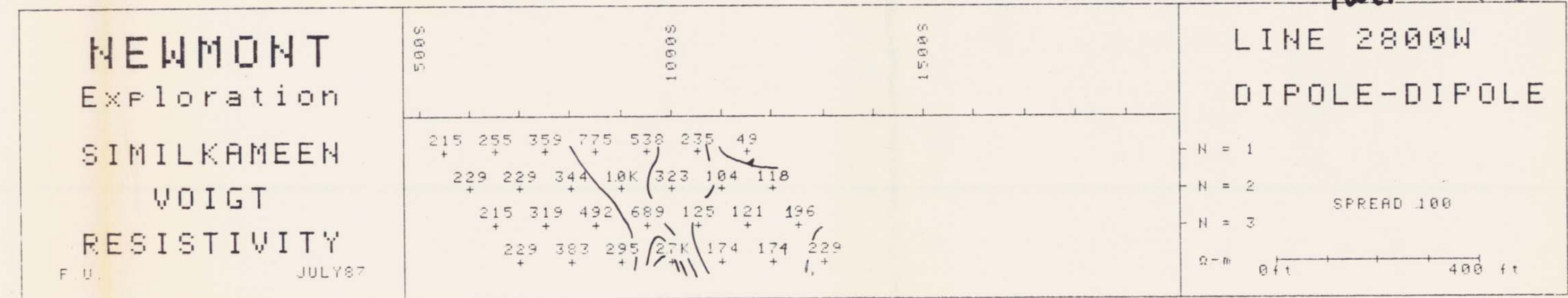
SIMILKAMEEN  
VOIGT  
OPERATOR F.U.  
JULY87  
DIPOLE SPREAD: 100  
LINE 2800W

| N  | AT   | RHO | CHRG | MVOLTS |
|----|------|-----|------|--------|
| 1  | 550  | 0   | 215  | 21     |
| 2  | 600  | 0   | 229  | 28     |
| 3  | 650  | 0   | 215  | 30     |
| 4  | 700  | 0   | 229  | 33     |
| 5  | 750  | 0   | 255  | 19     |
| 6  | 800  | 0   | 229  | 24     |
| 7  | 850  | 0   | 319  | 32     |
| 8  | 900  | 0   | 383  | 40     |
| 9  | 950  | 0   | 359  | 15     |
| 10 | 1000 | 0   | 344  | 22     |
| 11 | 1050 | 0   | 492  | 36     |
| 12 | 1100 | 0   | 295  | 42     |
| 13 | 1150 | 0   | 775  | 24     |
| 14 | 1200 | 0   | 1034 | 32     |
| 15 | 1250 | 0   | 689  | 38     |
| 16 | 1300 | 0   | 2757 | 30     |
| 17 | 1350 | 0   | 538  | 31     |
| 18 | 1400 | 0   | 323  | 40     |
| 19 | 1450 | 0   | 125  | 30     |
| 20 | 1500 | 0   | 174  | 34     |
| 21 | 1550 | 0   | 235  | 36     |
| 22 | 1600 | 0   | 104  | 26     |
| 23 | 1650 | 0   | 121  | 28     |
| 24 | 1700 | 0   | 174  | 30     |
| 25 | 1750 | 0   | 49   | 14     |
| 26 | 1800 | 0   | 118  | 22     |
| 27 | 1850 | 0   | 196  | 31     |
| 28 | 1900 | 0   | 229  | 22     |
| 29 | 1950 | 0   | 275  | 30     |
| 30 | 2000 | 0   | 275  | 30     |
| 31 | 2050 | 0   | 275  | 30     |
| 32 | 2100 | 0   | 275  | 30     |
| 33 | 2150 | 0   | 275  | 30     |
| 34 | 2200 | 0   | 275  | 30     |
| 35 | 2250 | 0   | 275  | 30     |
| 36 | 2300 | 0   | 275  | 30     |
| 37 | 2350 | 0   | 275  | 30     |
| 38 | 2400 | 0   | 275  | 30     |
| 39 | 2450 | 0   | 275  | 30     |
| 40 | 2500 | 0   | 275  | 30     |
| 41 | 2550 | 0   | 275  | 30     |
| 42 | 2600 | 0   | 275  | 30     |
| 43 | 2650 | 0   | 275  | 30     |
| 44 | 2700 | 0   | 275  | 30     |
| 45 | 2750 | 0   | 275  | 30     |
| 46 | 2800 | 0   | 275  | 30     |
| 47 | 2850 | 0   | 275  | 30     |
| 48 | 2900 | 0   | 275  | 30     |
| 49 | 2950 | 0   | 275  | 30     |
| 50 | 3000 | 0   | 275  | 30     |



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**16,745**  
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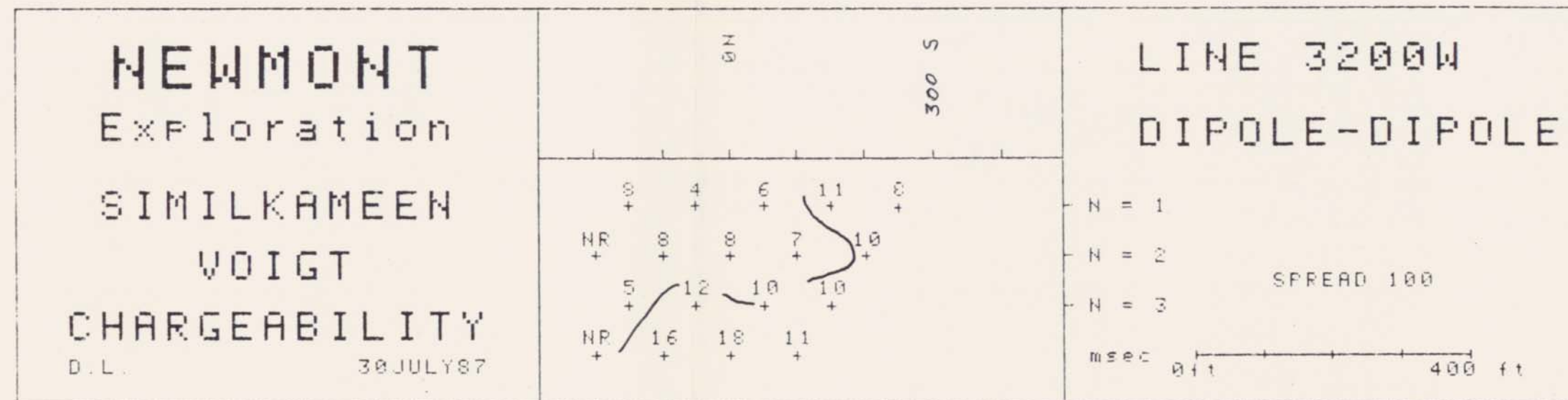




RESULTS DIPOLE-DIPOLE IF SURVEY

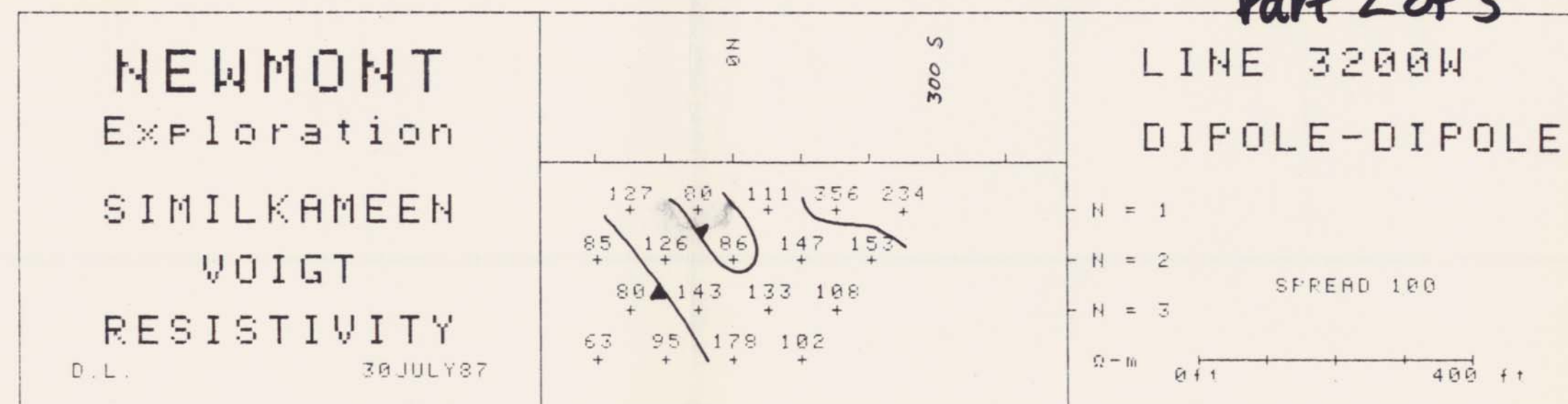
SIMILKAMEEN  
VOIGT  
OPERATOR D.L.  
30JULY87  
DIPOLE SPREAD: 100  
LINE 3200W

| N | AT  | RHO   | CHRG | MVOLTS |
|---|-----|-------|------|--------|
| 1 | 250 | S 234 | 8    | 110    |
| 2 | 200 | S 153 | 10   | 18     |
| 3 | 150 | S 108 | 10   | 5.1    |
| 4 | 100 | S 102 | 11   | 2.4    |
| 1 | 150 | S 356 | 11   | 180    |
| 2 | 100 | S 147 | 7    | 18     |
| 3 | 50  | S 133 | 10   | 6.5    |
| 4 | 50  | N 178 | 10   | 4.35   |
| 1 | 50  | S 111 | 6    | 70     |
| 2 | 50  | N 86  | 8    | 13.5   |
| 3 | 50  | N 143 | 12   | 3      |
| 4 | 100 | N 95  | 16   | 3      |
| 5 | 50  | N 80  | 4    | 42     |
| 3 | 100 | N 126 | 8    | 16.5   |
| 3 | 150 | N 80  | 5    | 4.2    |
| 4 | 200 | N 63  | NR   | 1.65   |
| 1 | 150 | N 127 | 8    | 60     |
| 2 | 200 | N 85  | NR   | 10     |



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

**16,745**  
Part 2 of 3



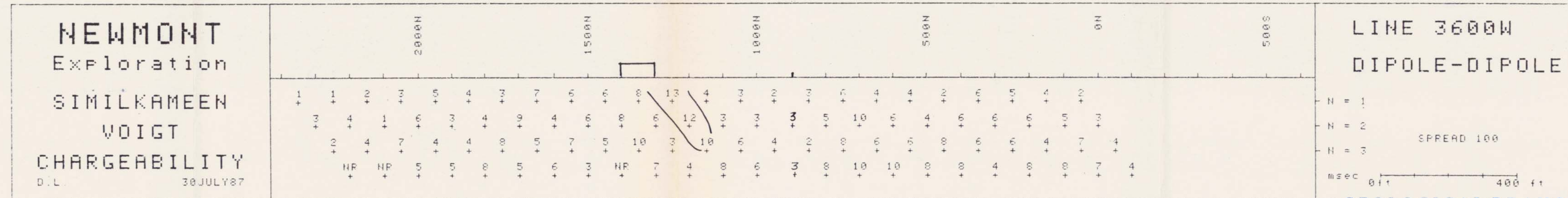


# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR D.L.  
30 JULY 87  
DIPOLE SPREAD: 100  
LINE 3600W

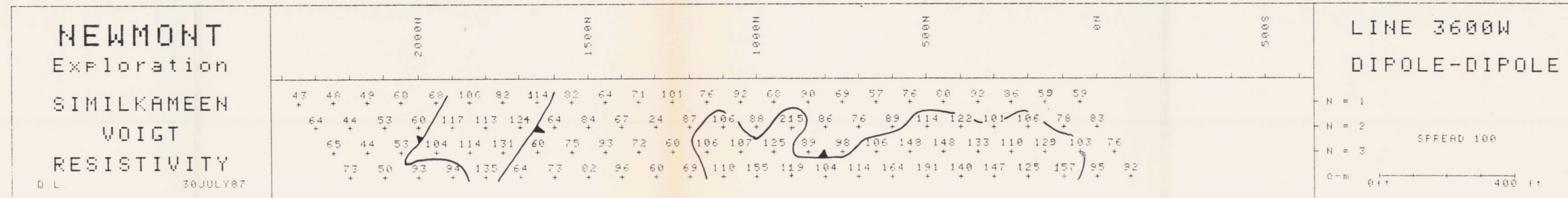
| N    | AT    | RHO | CHARG | MVOLTS |
|------|-------|-----|-------|--------|
| 2350 | N 43  | 1   | 25    | 5      |
| 2300 | N 64  | 1   | 25    | 5      |
| 2250 | N 65  | 1   | 25    | 5      |
| 2200 | N 73  | 1   | 25    | 5      |
| 2150 | N 48  | 1   | 25    | 5      |
| 2100 | N 44  | 1   | 25    | 5      |
| 2050 | N 44  | 1   | 25    | 5      |
| 2000 | N 50  | 1   | 25    | 5      |
| 1950 | N 49  | 1   | 25    | 5      |
| 1900 | N 53  | 1   | 25    | 5      |
| 1850 | N 53  | 1   | 25    | 5      |
| 1800 | N 93  | 1   | 25    | 5      |
| 1750 | N 60  | 1   | 25    | 5      |
| 1700 | N 60  | 1   | 25    | 5      |
| 1650 | N 60  | 1   | 25    | 5      |
| 1600 | N 60  | 1   | 25    | 5      |
| 1550 | N 104 | 1   | 25    | 5      |
| 1500 | N 94  | 1   | 25    | 5      |
| 1450 | N 68  | 1   | 25    | 5      |
| 1400 | N 117 | 1   | 25    | 5      |
| 1350 | N 114 | 1   | 25    | 5      |
| 1300 | N 135 | 1   | 25    | 5      |
| 1250 | N 106 | 1   | 25    | 5      |
| 1200 | N 113 | 1   | 25    | 5      |
| 1150 | N 131 | 1   | 25    | 5      |
| 1100 | N 64  | 1   | 25    | 5      |
| 1050 | N 82  | 1   | 25    | 5      |
| 1000 | N 124 | 1   | 25    | 5      |
| 950  | N 60  | 1   | 25    | 5      |
| 900  | N 73  | 1   | 25    | 5      |
| 850  | N 114 | 1   | 25    | 5      |
| 800  | N 64  | 1   | 25    | 5      |
| 750  | N 75  | 1   | 25    | 5      |
| 700  | N 82  | 1   | 25    | 5      |
| 650  | N 82  | 1   | 25    | 5      |
| 600  | N 84  | 1   | 25    | 5      |
| 550  | N 93  | 1   | 25    | 5      |
| 500  | N 96  | 1   | 25    | 5      |
| 450  | N 64  | 1   | 25    | 5      |
| 400  | N 67  | 1   | 25    | 5      |
| 350  | N 72  | 1   | 25    | 5      |
| 300  | N 60  | 1   | 25    | 5      |
| 250  | N 71  | 1   | 25    | 5      |
| 200  | N 24  | 1   | 25    | 5      |
| 150  | N 60  | 1   | 25    | 5      |
| 100  | N 60  | 1   | 25    | 5      |
| 50   | N 101 | 1   | 25    | 5      |
| 0    | N 87  | 1   | 25    | 5      |
| -50  | N 106 | 1   | 25    | 5      |
| -100 | N 110 | 1   | 25    | 5      |

|       |       |   |    |   |
|-------|-------|---|----|---|
| 1150  | N 76  | 1 | 25 | 5 |
| 1100  | N 106 | 1 | 25 | 5 |
| 1050  | N 107 | 1 | 25 | 5 |
| 1000  | N 155 | 1 | 25 | 5 |
| 950   | N 302 | 1 | 25 | 5 |
| 900   | N 88  | 1 | 25 | 5 |
| 850   | N 125 | 1 | 25 | 5 |
| 800   | N 119 | 1 | 25 | 5 |
| 750   | N 68  | 1 | 25 | 5 |
| 700   | N 215 | 1 | 25 | 5 |
| 650   | N 89  | 1 | 25 | 5 |
| 600   | N 104 | 1 | 25 | 5 |
| 550   | N 90  | 1 | 25 | 5 |
| 500   | N 85  | 1 | 25 | 5 |
| 450   | N 98  | 1 | 25 | 5 |
| 400   | N 114 | 1 | 25 | 5 |
| 350   | N 69  | 1 | 25 | 5 |
| 300   | N 76  | 1 | 25 | 5 |
| 250   | N 106 | 1 | 25 | 5 |
| 200   | N 164 | 1 | 25 | 5 |
| 150   | N 57  | 1 | 25 | 5 |
| 100   | N 89  | 1 | 25 | 5 |
| 50    | N 148 | 1 | 25 | 5 |
| 0     | N 191 | 1 | 25 | 5 |
| -50   | N 76  | 1 | 25 | 5 |
| -100  | N 114 | 1 | 25 | 5 |
| -150  | N 148 | 1 | 25 | 5 |
| -200  | N 140 | 1 | 25 | 5 |
| -250  | N 80  | 1 | 25 | 5 |
| -300  | N 102 | 1 | 25 | 5 |
| -350  | N 130 | 1 | 25 | 5 |
| -400  | N 147 | 1 | 25 | 5 |
| -450  | N 92  | 1 | 25 | 5 |
| -500  | N 92  | 1 | 25 | 5 |
| -550  | N 101 | 1 | 25 | 5 |
| -600  | N 110 | 1 | 25 | 5 |
| -650  | N 125 | 1 | 25 | 5 |
| -700  | N 86  | 1 | 25 | 5 |
| -750  | N 106 | 1 | 25 | 5 |
| -800  | N 106 | 1 | 25 | 5 |
| -850  | N 107 | 1 | 25 | 5 |
| -900  | N 107 | 1 | 25 | 5 |
| -950  | N 107 | 1 | 25 | 5 |
| -1000 | N 107 | 1 | 25 | 5 |
| -1050 | N 107 | 1 | 25 | 5 |
| -1100 | N 107 | 1 | 25 | 5 |
| -1150 | N 107 | 1 | 25 | 5 |
| -1200 | N 107 | 1 | 25 | 5 |
| -1250 | N 107 | 1 | 25 | 5 |
| -1300 | N 107 | 1 | 25 | 5 |
| -1350 | N 107 | 1 | 25 | 5 |
| -1400 | N 107 | 1 | 25 | 5 |
| -1450 | N 107 | 1 | 25 | 5 |
| -1500 | N 107 | 1 | 25 | 5 |
| -1550 | N 107 | 1 | 25 | 5 |
| -1600 | N 107 | 1 | 25 | 5 |
| -1650 | N 107 | 1 | 25 | 5 |
| -1700 | N 107 | 1 | 25 | 5 |
| -1750 | N 107 | 1 | 25 | 5 |
| -1800 | N 107 | 1 | 25 | 5 |
| -1850 | N 107 | 1 | 25 | 5 |
| -1900 | N 107 | 1 | 25 | 5 |
| -1950 | N 107 | 1 | 25 | 5 |
| -2000 | N 107 | 1 | 25 | 5 |



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
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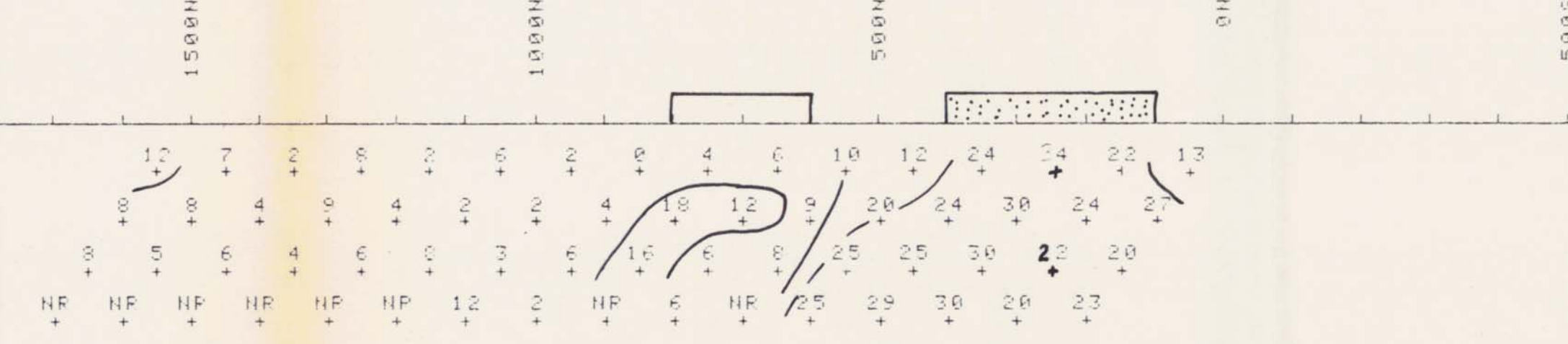
# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR NS  
29 JUL 87  
DIPOLE SPREAD: 100  
LINE 4000W

| W AT | RHO   | CHARG | MVOLTS |
|------|-------|-------|--------|
| 100  | N 387 | 13    | 150    |
| 150  | N 178 | 27    | 201    |
| 200  | N 191 | 20    | 291    |
| 250  | N 114 | 23    | 207    |
| 300  | N 241 | 22    | 100    |
| 350  | N 248 | 24    | 100    |
| 400  | N 156 | 22    | 100    |
| 450  | N 241 | 20    | 100    |
| 500  | N 270 | 24    | 100    |
| 550  | N 161 | 20    | 100    |
| 600  | N 281 | 20    | 100    |
| 650  | N 315 | 20    | 100    |
| 700  | N 158 | 24    | 100    |
| 750  | N 313 | 24    | 100    |
| 800  | N 365 | 25    | 100    |
| 850  | N 288 | 29    | 100    |
| 900  | N 359 | 12    | 100    |
| 950  | N 445 | 20    | 100    |
| 1000 | N 237 | 25    | 100    |
| 1050 | N 200 | 25    | 100    |
| 1100 | N 200 | 25    | 100    |
| 1150 | N 142 | 25    | 100    |
| 1200 | N 128 | 25    | 100    |
| 1250 | N 86  | NP    | 100    |
| 1300 | N 211 | 6     | 100    |
| 1350 | N 217 | 12    | 100    |
| 1400 | N 159 | 6     | 100    |
| 1450 | N 229 | 6     | 100    |
| 1500 | N 112 | 4     | 100    |
| 1550 | N 81  | 10    | 100    |
| 1600 | N 127 | 16    | 100    |
| 1650 | N 119 | NP    | 100    |

|      |       |    |
|------|-------|----|
| 850  | N 79  | 50 |
| 900  | N 99  | 15 |
| 950  | N 90  | 7  |
| 1000 | N 119 | 5  |
| 1050 | N 109 | 40 |
| 1100 | N 90  | 3  |
| 1150 | N 119 | 4  |
| 1200 | N 146 | 3  |
| 1250 | N 74  | 10 |
| 1300 | N 90  | 10 |
| 1350 | N 90  | 10 |
| 1400 | N 119 | 10 |
| 1450 | N 119 | 10 |
| 1500 | N 119 | 10 |
| 1550 | N 119 | 10 |
| 1600 | N 119 | 10 |
| 1650 | N 119 | 10 |
| 1700 | N 119 | 10 |

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
NS 29 JUL 87

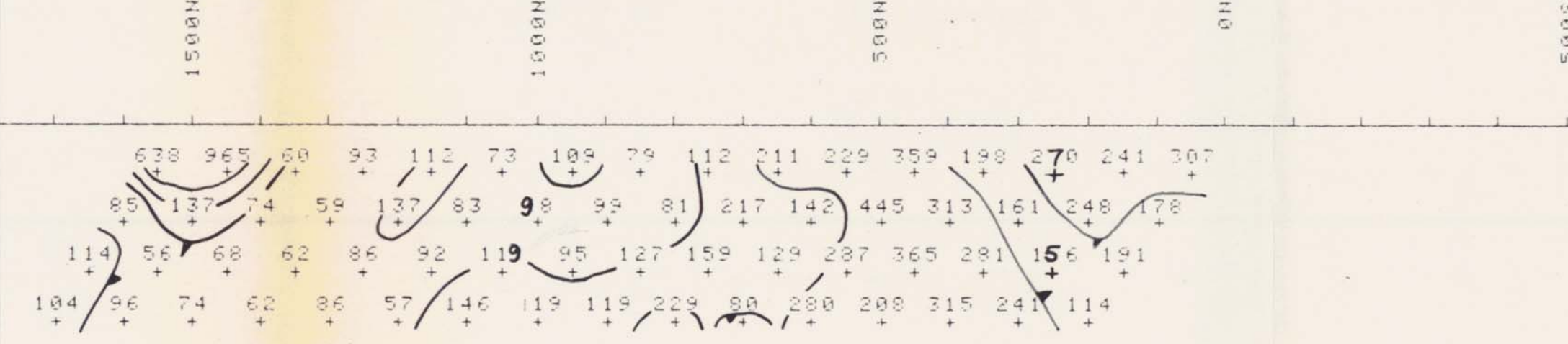


LINE 4000W  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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Part 2 of 3

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
NS 29 JUL 87



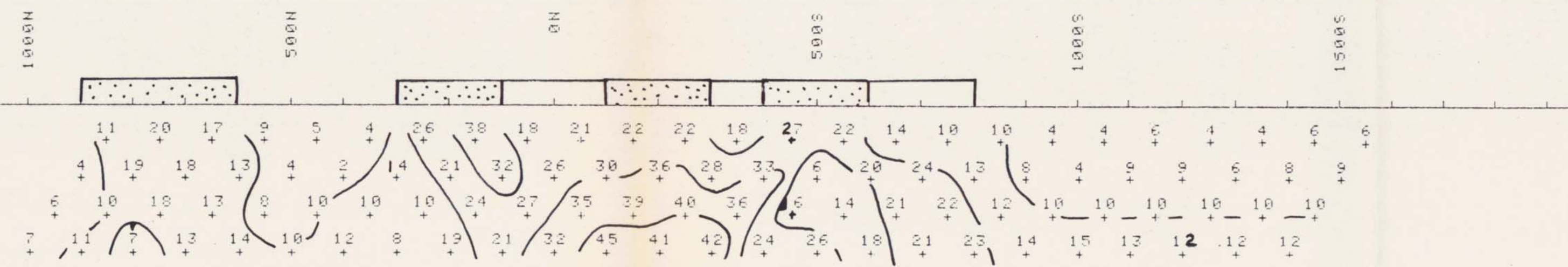
LINE 4000W  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
0 ft 400 ft



SIMILKAMEEN  
VOIGT  
OPERATOR NS/RC  
23JUL87  
DIPOLE SPREAD: 100  
LINE 200E

[illegible]

SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
NS/RC 23 JUL 87



LINE 200E  
DIPOLE-DIPOLE

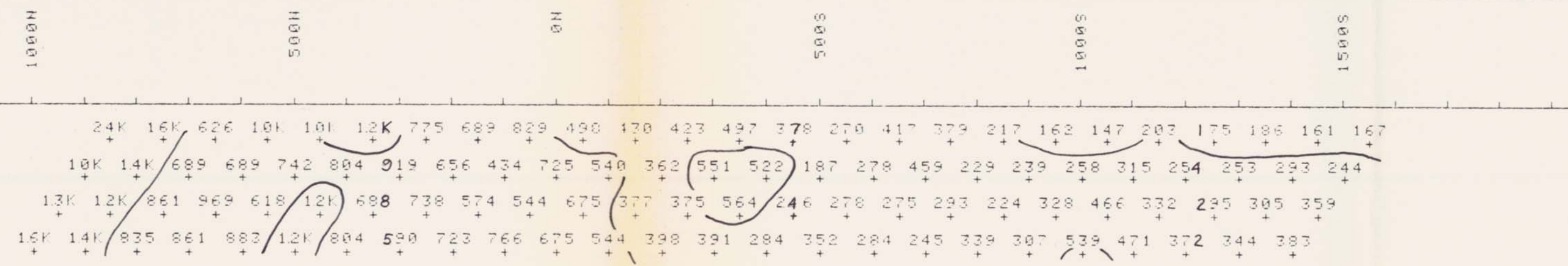
$N = 1$   
 $N = 2$   
 $N = 3$

SPREAD 100

msec 0 1 400

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3

SIMILKAMEEN  
VOIGT  
RESISTIVITY

LINE 200E  
DIPOLE-DIPOLE

$N = 1$   
 $N = 2$   
 $N = 3$   
 SPREAD 100  
 $\Omega = 0$   
 0 1 400 t



# RESULTS DIPOLE-DIPOLE IP SURVEY

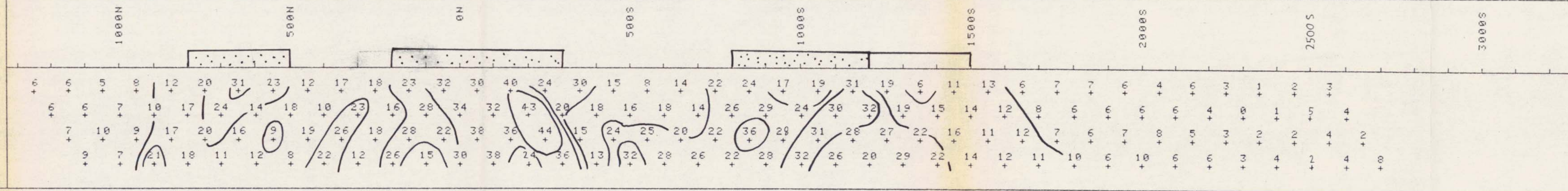
SIMILKAMEEN  
VOIGT  
OPERATOR NS  
13JUL87  
DIPOLE SPREAD: 100  
LINE 400E

| N    | AT     | RHO  | CHARG | MVOLTS |
|------|--------|------|-------|--------|
| 1250 | N 2350 | 450  | 6     | 450    |
| 1200 | N 2507 | 120  | 6     | 120    |
| 1150 | N 2611 | 50   | 7     | 50     |
| 1100 | N 3133 | 30   | 9     | 30     |
| 1150 | N 1551 | 135  | 6     | 135    |
| 1100 | N 2068 | 250  | 6     | 250    |
| 1050 | N 2585 | 22.5 | 10    | 22.5   |
| 1000 | N 2757 | 12   | 7     | 12     |
| 1050 | N 1044 | 100  | 5     | 100    |
| 1000 | N 1671 | 40   | 7     | 40     |
| 950  | N 2036 | 19.5 | 9     | 19.5   |
| 900  | N 1671 | 21   | 1     | 21     |
| 950  | N 1579 | 165  | 8     | 165    |
| 900  | N 1915 | 50   | 10    | 50     |
| 850  | N 1723 | 18   | 17    | 18     |
| 800  | N 1532 | 10   | 18    | 10     |
| 850  | N 1615 | 225  | 12    | 225    |
| 800  | N 1579 | 17   | 17    | 17     |
| 750  | N 1508 | 20   | 20    | 20     |
| 700  | N 933  | 11   | 11    | 11     |
| 750  | N 1915 | 20   | 20    | 20     |
| 700  | N 1838 | 24   | 24    | 24     |
| 650  | N 1149 | 16   | 16    | 16     |
| 600  | N 1263 | 12   | 12    | 12     |
| 650  | N 1206 | 31   | 31    | 31     |
| 600  | N 1149 | 14   | 14    | 14     |
| 550  | N 1120 | 9    | 9     | 9      |
| 500  | N 1091 | 8    | 8     | 8      |
| 550  | N 1354 | 23   | 23    | 23     |
| 500  | N 1477 | 18   | 18    | 18     |
| 450  | N 1477 | 19   | 19    | 19     |
| 400  | N 1395 | 22   | 22    | 22     |
| 450  | N 1034 | 12   | 12    | 12     |
| 400  | N 1455 | 10   | 10    | 10     |
| 350  | N 1608 | 26   | 26    | 26     |
| 300  | N 1378 | 12   | 12    | 12     |
| 350  | N 1025 | 17   | 17    | 17     |
| 300  | N 984  | 23   | 23    | 23     |
| 250  | N 861  | 18   | 18    | 18     |
| 200  | N 820  | 26   | 26    | 26     |
| 250  | N 778  | 18   | 18    | 18     |
| 200  | N 667  | 16   | 16    | 16     |
| 150  | N 631  | 28   | 28    | 28     |
| 100  | N 804  | 15   | 15    | 15     |
| 150  | N 557  | 23   | 23    | 23     |
| 100  | N 675  | 28   | 28    | 28     |
| 50   | N 709  | 22   | 22    | 22     |
| 10   | N 675  | 30   | 30    | 30     |
| 150  | N 953  | 32   | 32    | 32     |
| 0    | N 849  | 34   | 34    | 34     |

|     |     |    |      |
|-----|-----|----|------|
| 50  | 861 | 38 | 34.5 |
| 100 | 524 | 38 | 10.5 |
| 50  | 544 | 38 | 10.5 |
| 100 | 665 | 32 | 55   |
| 50  | 435 | 36 | 14.4 |
| 100 | 263 | 24 | 4.35 |
| 50  | 502 | 40 | 2.10 |
| 100 | 330 | 43 | 34.5 |
| 50  | 220 | 44 | 9    |
| 100 | 161 | 36 | 3.3  |
| 50  | 498 | 24 | 3.30 |
| 100 | 332 | 20 | 55   |
| 50  | 246 | 15 | 16.5 |
| 100 | 298 | 13 | 10   |
| 50  | 344 | 30 | 210  |
| 100 | 236 | 18 | 36   |
| 50  | 295 | 24 | 18   |
| 100 | 426 | 32 | 13   |
| 50  | 199 | 15 | 80   |
| 100 | 239 | 16 | 24   |
| 50  | 362 | 25 | 14.5 |
| 100 | 299 | 28 | 6    |
| 50  | 223 | 8  | 70   |
| 100 | 363 | 18 | 28.5 |
| 50  | 335 | 20 | 10.5 |
| 100 | 303 | 26 | 6    |
| 50  | 208 | 14 | 100  |
| 100 | 250 | 14 | 30   |
| 50  | 307 | 22 | 15   |
| 100 | 328 | 22 | 8    |
| 50  | 422 | 22 | 125  |
| 100 | 334 | 25 | 5    |
| 50  | 319 | 26 | 66   |
| 100 | 351 | 28 | 5.5  |
| 50  | 631 | 24 | 165  |
| 100 | 551 | 29 | 36   |
| 50  | 574 | 28 | 15   |
| 100 | 497 | 32 | 6.5  |
| 50  | 587 | 17 | 225  |
| 100 | 522 | 24 | 50   |
| 50  | 407 | 31 | 15.6 |
| 100 | 391 | 26 | 7.5  |
| 50  | 705 | 19 | 270  |
| 100 | 574 | 30 | 55   |
| 50  | 470 | 28 | 18   |
| 100 | 365 | 20 | 7    |
| 50  | 589 | 31 | 195  |
| 100 | 483 | 32 | 40   |
| 50  | 347 | 25 | 11.5 |
| 100 | 332 | 29 | 5.5  |
| 50  | 509 | 19 | 195  |
| 100 | 391 | 19 | 37.5 |
| 50  | 352 | 19 | 13.5 |
| 100 | 391 | 22 | 8.5  |

|     |      |   |     |    |      |
|-----|------|---|-----|----|------|
| 4   | 1400 | 0 | 339 | 22 | 6.5  |
| 100 | 1350 | 0 | 466 | 6  | 195  |
| 50  | 1400 | 0 | 430 | 15 | 45   |
| 100 | 1450 | 0 | 373 | 16 | 15.6 |
| 50  | 1500 | 0 | 383 | 14 | 8    |
| 100 | 1450 | 0 | 397 | 11 | 270  |
| 50  | 1500 | 0 | 383 | 14 | 65   |
| 100 | 1550 | 0 | 353 | 11 | 24   |
| 50  | 1600 | 0 | 545 | 12 | 18.5 |
| 100 | 1550 | 0 | 319 | 13 | 100  |
| 50  | 1600 | 0 | 254 | 12 | 21   |
| 100 | 1650 | 0 | 498 | 12 | 16.5 |
| 50  | 1700 | 0 | 514 | 11 | 8.5  |
| 100 | 1650 | 0 | 257 | 6  | 85   |
| 50  | 1700 | 0 | 381 | 8  | 31.5 |
| 100 | 1750 | 0 | 453 | 7  | 15   |
| 50  | 1800 | 0 | 393 | 10 | 6.5  |
| 100 | 1750 | 0 | 344 | 7  | 100  |
| 50  | 1800 | 0 | 383 | 6  | 50   |
| 100 | 1850 | 0 | 344 | 6  | 18   |
| 50  | 1900 | 0 | 366 | 6  | 8    |
| 100 | 1850 | 0 | 297 | 7  | 150  |
| 50  | 1900 | 0 | 249 | 6  | 31.5 |
| 100 | 1950 | 0 | 267 | 7  | 13.5 |
| 50  | 2000 | 0 | 451 | 10 | 11   |
| 100 | 1950 | 0 | 253 | 6  | 150  |
| 50  | 2000 | 0 | 256 | 6  | 39   |
| 100 | 2050 | 0 | 443 | 8  | 27   |
| 50  | 2100 | 0 | 410 | 6  | 12.5 |
| 100 | 2050 | 0 | 251 | 4  | 105  |
| 50  | 2100 | 0 | 344 | 6  | 36   |
| 100 | 2150 | 0 | 344 | 5  | 15   |
| 50  | 2200 | 0 | 344 | 6  | 7.5  |
| 100 | 2150 | 0 | 344 | 4  | 150  |
| 50  | 2200 | 0 | 275 | 4  | 30   |
| 100 | 2250 | 0 | 310 | 3  | 13.5 |
| 50  | 2300 | 0 | 260 | 3  | 6    |
| 100 | 2250 | 0 | 228 | 3  | 195  |
| 50  | 2300 | 0 | 206 | 3  | 45   |
| 100 | 2350 | 0 | 206 | 2  | 18   |
| 50  | 2400 | 0 | 252 | 4  | 11   |
| 100 | 2350 | 0 | 398 | 1  | 500  |
| 50  | 2400 | 0 | 271 | 1  | 85   |
| 100 | 2450 | 0 | 371 | 2  | 46.5 |
| 50  | 2500 | 0 | 631 | 2  | 39   |
| 100 | 2450 | 0 | 183 | 2  | 195  |
| 50  | 2500 | 0 | 282 | 5  | 75   |
| 100 | 2550 | 0 | 480 | 4  | 51   |
| 50  | 2600 | 0 | 452 | 4  | 24   |
| 100 | 2550 | 0 | 122 | 3  | 50   |
| 50  | 2600 | 0 | 293 | 4  | 30   |
| 100 | 2650 | 0 | 293 | 2  | 12   |
| 50  | 2700 | 0 | 415 | 8  | 8.5  |

NEWMONT  
Exploration  
  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
NS 13JUL87

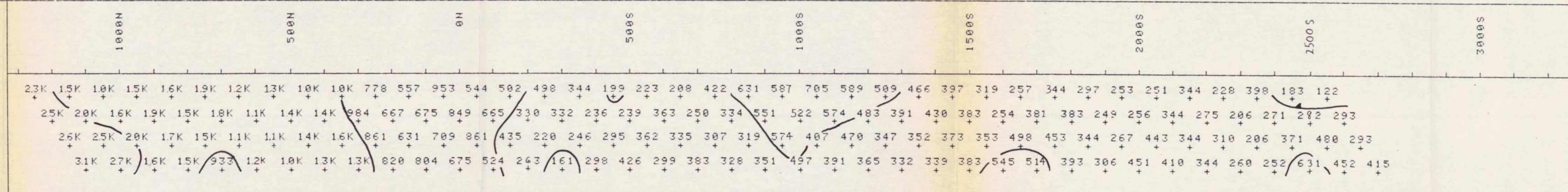


LINE 400E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16.745  
Part 2 of 3

NEWMONT  
Exploration  
  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
NS 13JUL87



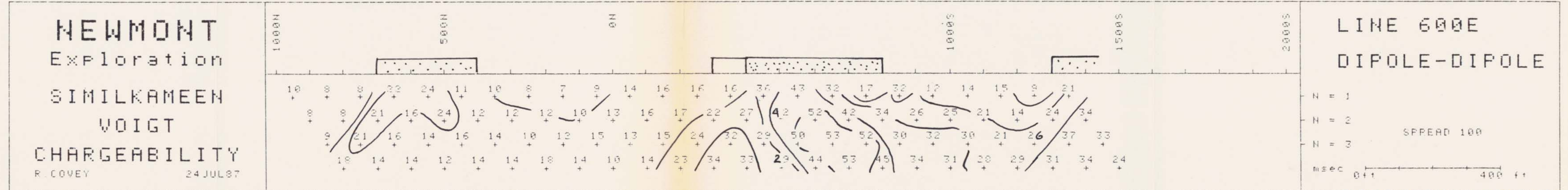
LINE 400E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
ohm 0 ft 400 ft



# RESULTS DIPOLE-DIPOLE IP SURVEY

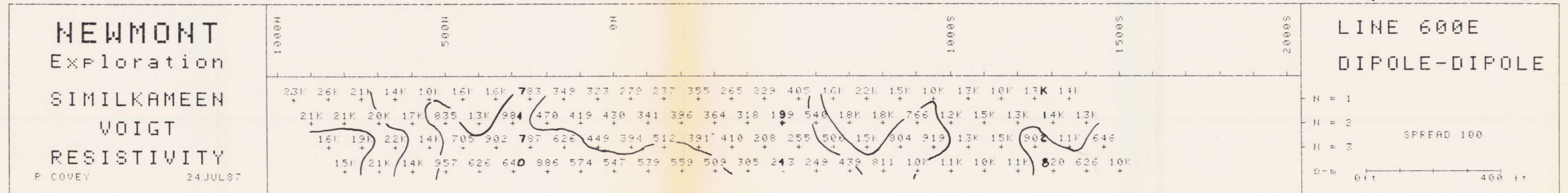
SIMILKAMEEN  
VOIGT  
OPERATOR R. COVEY  
24 JUL 87  
DIPOLE SPREAD: 100  
LINE 600E

| AT  | RHO    | CHRG | MVOLTS | N  | AT   | RHO | CHRG | MVOLTS | N    | AT | RHO | CHRG   | MVOLTS | N    |
|-----|--------|------|--------|----|------|-----|------|--------|------|----|-----|--------|--------|------|
| 950 | N 2339 | 10   | 285    | 1  | 250  | 0   | 355  | 16     | 195  | 1  | 950 | N 2339 | 10     | 285  |
| 900 | N 2133 | 8    | 65     | 2  | 300  | 0   | 364  | 22     | 50   | 2  | 900 | N 2133 | 8      | 65   |
| 850 | N 1600 | 9    | 19.5   | 3  | 350  | 0   | 410  | 30     | 22   | 3  | 850 | N 1600 | 9      | 19.5 |
| 800 | N 1559 | 10   | 9.5    | 4  | 400  | 0   | 385  | 33     | 8.5  | 4  | 800 | N 1559 | 10     | 9.5  |
| 750 | N 2651 | 8    | 300    | 5  | 450  | 0   | 260  | 16     | 150  | 5  | 750 | N 2651 | 8      | 300  |
| 700 | N 2121 | 8    | 60     | 6  | 500  | 0   | 318  | 21     | 45   | 6  | 700 | N 2121 | 8      | 60   |
| 650 | N 1988 | 21   | 22.5   | 7  | 550  | 0   | 208  | 29     | 12   | 7  | 650 | N 1988 | 21     | 22.5 |
| 600 | N 2121 | 14   | 12     | 8  | 600  | 0   | 243  | 29     | 7    | 8  | 600 | N 2121 | 14     | 12   |
| 550 | N 2127 | 8    | 500    | 9  | 650  | 0   | 229  | 36     | 90   | 9  | 550 | N 2127 | 8      | 500  |
| 500 | N 2042 | 21   | 120    | 10 | 700  | 0   | 199  | 42     | 19   | 10 | 500 | N 2042 | 21     | 120  |
| 450 | N 2209 | 16   | 50     | 11 | 750  | 0   | 255  | 50     | 10   | 11 | 450 | N 2209 | 16     | 50   |
| 400 | N 1458 | 14   | 16.5   | 12 | 800  | 0   | 249  | 44     | 5    | 12 | 400 | N 1458 | 14     | 16.5 |
| 350 | N 1436 | 20   | 450    | 13 | 850  | 0   | 405  | 43     | 120  | 13 | 350 | N 1436 | 20     | 450  |
| 300 | N 1723 | 16   | 135    | 14 | 900  | 0   | 540  | 52     | 40   | 14 | 300 | N 1723 | 16     | 135  |
| 250 | N 1436 | 14   | 40     | 15 | 950  | 0   | 506  | 53     | 15   | 15 | 250 | N 1436 | 14     | 40   |
| 200 | N 957  | 12   | 15     | 16 | 1000 | 0   | 439  | 53     | 6.5  | 16 | 200 | N 957  | 12     | 15   |
| 150 | N 1044 | 24   | 400    | 17 | 1050 | 0   | 1689 | 32     | 500  | 17 | 150 | N 1044 | 24     | 400  |
| 100 | N 835  | 24   | 80     | 18 | 1100 | 0   | 1024 | 42     | 135  | 18 | 100 | N 835  | 24     | 80   |
| 50  | N 705  | 16   | 27     | 19 | 1150 | 0   | 1520 | 52     | 45   | 19 | 50  | N 705  | 16     | 27   |
| 0   | N 626  | 14   | 12     | 20 | 1200 | 0   | 811  | 45     | 12   | 20 | 0   | N 626  | 14     | 12   |
| 0   | N 1641 | 11   | 1000   | 21 | 1250 | 0   | 2290 | 17     | 600  | 21 | 0   | N 1641 | 11     | 1000 |
| 0   | N 1378 | 12   | 210    | 22 | 1300 | 0   | 1038 | 34     | 120  | 22 | 0   | N 1378 | 12     | 210  |
| 0   | N 902  | 14   | 55     | 23 | 1350 | 0   | 804  | 30     | 21   | 23 | 0   | N 902  | 14     | 55   |
| 0   | N 640  | 14   | 19.5   | 24 | 1400 | 0   | 1034 | 34     | 13.5 | 24 | 0   | N 640  | 14     | 19.5 |
| 0   | N 1641 | 10   | 500    | 25 | 1450 | 0   | 1532 | 32     | 400  | 25 | 0   | N 1641 | 10     | 500  |
| 0   | N 384  | 12   | 75     | 26 | 1500 | 0   | 766  | 26     | 50   | 26 | 0   | N 384  | 12     | 75   |
| 0   | N 787  | 10   | 24     | 27 | 1550 | 0   | 919  | 30     | 24   | 27 | 0   | N 787  | 10     | 24   |
| 0   | N 886  | 10   | 13.5   | 28 | 1600 | 0   | 1149 | 31     | 15   | 28 | 0   | N 886  | 10     | 13.5 |
| 0   | N 783  | 8    | 150    | 29 | 1650 | 0   | 1068 | 10     | 400  | 29 | 0   | N 783  | 8      | 150  |
| 0   | N 470  | 12   | 22.5   | 30 | 1700 | 0   | 1282 | 25     | 120  | 30 | 0   | N 470  | 12     | 22.5 |
| 0   | N 626  | 12   | 12     | 31 | 1750 | 0   | 1036 | 30     | 50   | 31 | 0   | N 626  | 12     | 12   |
| 0   | N 574  | 14   | 5.5    | 32 | 1800 | 0   | 1096 | 28     | 21   | 32 | 0   | N 574  | 14     | 5.5  |
| 0   | N 349  | 7    | 70     | 33 | 1850 | 0   | 1305 | 14     | 500  | 33 | 0   | N 349  | 7      | 70   |
| 0   | N 419  | 10   | 21     | 34 | 1900 | 0   | 1566 | 21     | 150  | 34 | 0   | N 419  | 10     | 21   |
| 0   | N 449  | 15   | 9      | 35 | 1950 | 0   | 1566 | 21     | 60   | 35 | 0   | N 449  | 15     | 9    |
| 0   | N 547  | 10   | 5      | 36 | 2000 | 0   | 1175 | 29     | 22.5 | 36 | 0   | N 547  | 10     | 5    |
| 0   | N 323  | 9    | 135    | 37 | 2050 | 0   | 1094 | 15     | 400  | 37 | 0   | N 323  | 9      | 135  |
| 0   | N 438  | 12   | 40     | 38 | 2100 | 0   | 1313 | 14     | 120  | 38 | 0   | N 438  | 12     | 40   |
| 0   | N 394  | 13   | 16.5   | 39 | 2150 | 0   | 982  | 26     | 33   | 39 | 0   | N 394  | 13     | 16.5 |
| 0   | N 539  | 14   | 11.5   | 40 | 2200 | 0   | 820  | 31     | 15   | 40 | 0   | N 539  | 14     | 11.5 |
| 0   | N 279  | 14   | 100    | 41 | 2250 | 0   | 1305 | 9      | 500  | 41 | 0   | N 279  | 14     | 100  |
| 0   | N 341  | 16   | 55     | 42 | 2300 | 0   | 1410 | 24     | 135  | 42 | 0   | N 341  | 16     | 55   |
| 0   | N 512  | 15   | 33     | 43 | 2350 | 0   | 1175 | 37     | 45   | 43 | 0   | N 512  | 15     | 33   |
| 0   | N 559  | 23   | 10     | 44 | 2400 | 0   | 626  | 34     | 12   | 44 | 0   | N 559  | 23     | 10   |
| 0   | N 237  | 16   | 100    | 45 | 2450 | 0   | 1436 | 21     | 500  | 45 | 0   | N 237  | 16     | 100  |
| 0   | N 396  | 17   | 75     | 46 | 2500 | 0   | 1378 | 34     | 120  | 46 | 0   | N 396  | 17     | 75   |
| 0   | N 391  | 24   | 30     | 47 | 2550 | 0   | 646  | 33     | 22.5 | 47 | 0   | N 391  | 24     | 30   |
| 0   | N 509  | 34   | 19.5   | 48 | 2600 | 0   | 1034 | 24     | 18   | 48 | 0   | N 509  | 34     | 19.5 |



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

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Part 2 of 3





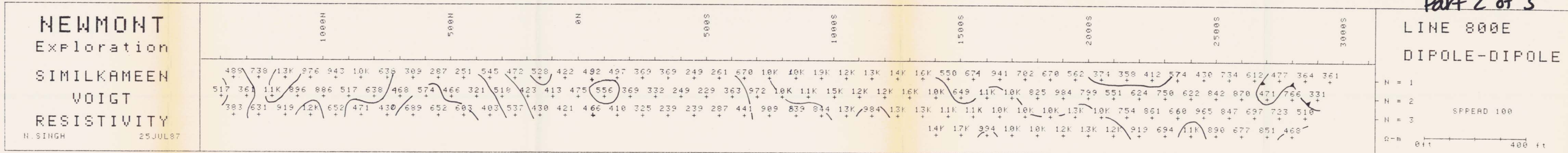
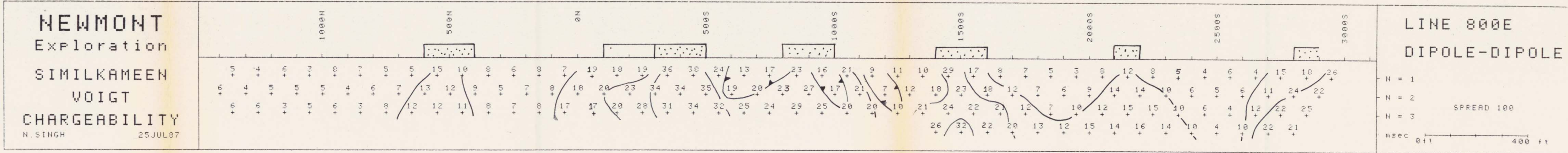
# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR N. SINGH  
25 JUL 87  
DIPOLE SPREAD: 100  
LINE 800E

| N  | AT   | RHO  | CHARG | MOVOLTS |
|----|------|------|-------|---------|
| 1  | 2950 | 361  | 200   | 88      |
| 2  | 2900 | 331  | 200   | 190.5   |
| 3  | 2850 | 510  | 200   | 120.5   |
| 4  | 2800 | 468  | 200   | 200     |
| 5  | 2750 | 364  | 200   | 100.4   |
| 6  | 2700 | 723  | 200   | 200.1   |
| 7  | 2650 | 851  | 200   | 200     |
| 8  | 2600 | 477  | 200   | 100     |
| 9  | 2550 | 471  | 200   | 100     |
| 10 | 2500 | 1077 | 200   | 100     |
| 11 | 2450 | 1237 | 200   | 100     |
| 12 | 2400 | 984  | 200   | 100     |
| 13 | 2350 | 1354 | 200   | 100     |
| 14 | 2300 | 1258 | 200   | 100     |
| 15 | 2250 | 1367 | 200   | 100     |
| 16 | 2200 | 1263 | 200   | 100     |
| 17 | 2150 | 1516 | 200   | 100     |
| 18 | 2100 | 844  | 200   | 100     |
| 19 | 2050 | 1969 | 200   | 100     |
| 20 | 2000 | 1149 | 200   | 100     |
| 21 | 1950 | 839  | 200   | 100     |
| 22 | 1900 | 1005 | 200   | 100     |
| 23 | 1850 | 1034 | 200   | 100     |
| 24 | 1800 | 909  | 200   | 100     |
| 25 | 1750 | 1034 | 200   | 100     |
| 26 | 1700 | 972  | 200   | 100     |
| 27 | 1650 | 441  | 200   | 100     |
| 28 | 1600 | 1200 | 200   | 100     |
| 29 | 1550 | 670  | 200   | 100     |
| 30 | 1500 | 3863 | 200   | 100     |
| 31 | 1450 | 1250 | 200   | 100     |
| 32 | 1400 | 1300 | 200   | 100     |
| 33 | 1350 | 2861 | 200   | 100     |
| 34 | 1300 | 1350 | 200   | 100     |
| 35 | 1250 | 1400 | 200   | 100     |
| 36 | 1200 | 1400 | 200   | 100     |
| 37 | 1150 | 1400 | 200   | 100     |
| 38 | 1100 | 1400 | 200   | 100     |
| 39 | 1050 | 1400 | 200   | 100     |
| 40 | 1000 | 1400 | 200   | 100     |
| 41 | 950  | 1400 | 200   | 100     |
| 42 | 900  | 1400 | 200   | 100     |
| 43 | 850  | 1400 | 200   | 100     |
| 44 | 800  | 1400 | 200   | 100     |
| 45 | 750  | 1400 | 200   | 100     |
| 46 | 700  | 1400 | 200   | 100     |
| 47 | 650  | 1400 | 200   | 100     |
| 48 | 600  | 1400 | 200   | 100     |
| 49 | 550  | 1400 | 200   | 100     |
| 50 | 500  | 1400 | 200   | 100     |
| 51 | 450  | 1400 | 200   | 100     |
| 52 | 400  | 1400 | 200   | 100     |
| 53 | 350  | 1400 | 200   | 100     |
| 54 | 300  | 1400 | 200   | 100     |
| 55 | 250  | 1400 | 200   | 100     |
| 56 | 200  | 1400 | 200   | 100     |
| 57 | 150  | 1400 | 200   | 100     |
| 58 | 100  | 1400 | 200   | 100     |
| 59 | 50   | 1400 | 200   | 100     |
| 60 | 0    | 1400 | 200   | 100     |

|      |      |    |       |
|------|------|----|-------|
| 1550 | 574  | 17 | 270   |
| 1500 | 649  | 18 | 230   |
| 1450 | 1199 | 19 | 400   |
| 1400 | 1468 | 20 | 29.4  |
| 1350 | 550  | 21 | 115   |
| 1300 | 1053 | 22 | 55    |
| 1250 | 1364 | 23 | 300.5 |
| 1200 | 1657 | 24 | 375   |
| 1150 | 1679 | 25 | 95    |
| 1100 | 1325 | 26 | 30    |
| 1050 | 1458 | 27 | 330   |
| 1000 | 1237 | 28 | 70    |
| 950  | 984  | 29 | 24    |
| 900  | 1354 | 30 | 495   |
| 850  | 1258 | 31 | 115   |
| 800  | 1367 | 32 | 50    |
| 750  | 1263 | 33 | 550   |
| 700  | 1516 | 34 | 165   |
| 650  | 844  | 35 | 37.5  |
| 600  | 1969 | 36 | 120   |
| 550  | 1149 | 37 | 300   |
| 500  | 839  | 38 | 9.5   |
| 450  | 1005 | 39 | 105   |
| 400  | 1034 | 40 | 27    |
| 350  | 909  | 41 | 22.5  |
| 300  | 1034 | 42 | 50    |
| 250  | 972  | 43 | 210   |
| 200  | 441  | 44 | 10    |
| 150  | 1200 | 45 | 10    |
| 100  | 670  | 46 | 10    |
| 50   | 3863 | 47 | 10    |
| 0    | 1250 | 48 | 10    |
|      | 1300 | 49 | 10    |
|      | 2861 | 50 | 10    |
|      | 1350 | 51 | 10    |
|      | 1400 | 52 | 10    |
|      | 1400 | 53 | 10    |
|      | 1400 | 54 | 10    |
|      | 1400 | 55 | 10    |
|      | 1400 | 56 | 10    |
|      | 1400 | 57 | 10    |
|      | 1400 | 58 | 10    |
|      | 1400 | 59 | 10    |
|      | 1400 | 60 | 10    |

|      |        |     |
|------|--------|-----|
| 300  | N 518  | 7.5 |
| 350  | N 400  | 4.0 |
| 400  | N 545  | 5.0 |
| 450  | N 321  | 5.0 |
| 500  | N 603  | 5.0 |
| 550  | N 251  | 5.0 |
| 600  | N 466  | 5.0 |
| 650  | N 652  | 5.0 |
| 700  | N 287  | 5.0 |
| 750  | N 574  | 5.0 |
| 800  | N 689  | 5.0 |
| 850  | N 430  | 5.0 |
| 900  | N 638  | 5.0 |
| 950  | N 638  | 5.0 |
| 1000 | N 471  | 5.0 |
| 1050 | N 1034 | 5.0 |
| 1100 | N 517  | 5.0 |
| 1150 | N 652  | 5.0 |
| 1200 | N 943  | 5.0 |
| 1250 | N 886  | 5.0 |
| 1300 | N 1231 | 5.0 |
| 1350 | N 376  | 5.0 |
| 1400 | N 896  | 5.0 |
|      | N 919  | 5.0 |
|      | N 1378 | 5.0 |
|      | N 1178 | 5.0 |
|      | N 631  | 5.0 |
|      | N 738  | 5.0 |
|      | N 361  | 5.0 |
|      | N 383  | 5.0 |
|      | N 517  | 5.0 |



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3



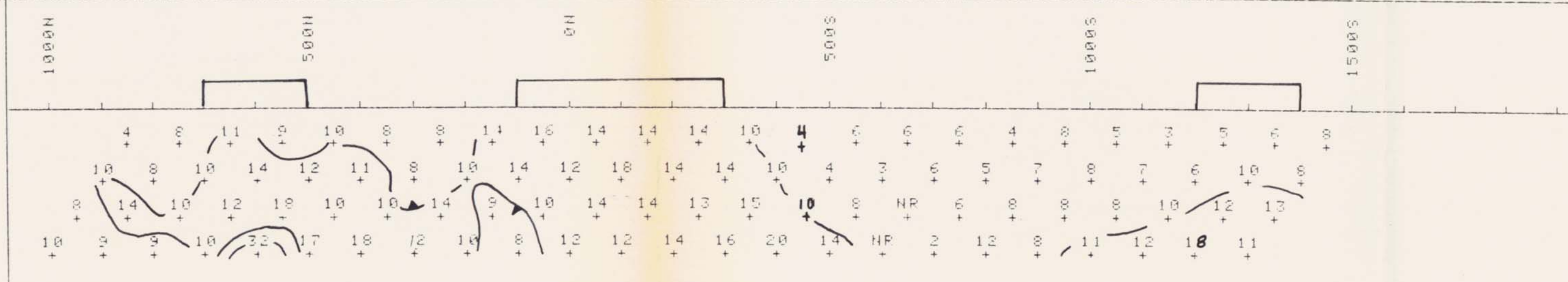
# RESULTS DIPOLE-DIPOLE IF SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR N. SINGH  
26 JUL 87  
DIPOLE SPREAD: 100  
LINE 1000E

| N AT | RHO  | CHARG | MOVOLTS |
|------|------|-------|---------|
| 1450 | 670  | 8     | 315     |
| 1400 | 752  | 8     | 95      |
| 1350 | 635  | 13    | 37.5    |
| 1300 | 1077 | 11    | 30      |
| 1250 | 574  | 6     | 300     |
| 1200 | 589  | 10    | 77      |
| 1150 | 1005 | 12    | 52.5    |
| 1100 | 1263 | 10    | 33      |
| 1050 | 430  | 5     | 285     |
| 1000 | 635  | 6     | 105     |
| 950  | 839  | 10    | 55.5    |
| 900  | 1060 | 12    | 36.5    |
| 850  | 328  | 8     | 80      |
| 800  | 541  | 7     | 23      |
| 750  | 713  | 8     | 10      |
| 700  | 832  | 11    | 10.5    |
| 650  | 397  | 5     | 90      |
| 600  | 593  | 8     | 33.6    |
| 550  | 861  | 8     | 19.5    |
| 500  | 530  | 6     | 6       |
| 450  | 462  | 8     | 165     |
| 400  | 603  | 6     | 61      |
| 350  | 492  | 8     | 10      |
| 300  | 401  | 12    | 9       |
| 250  | 394  | 4     | 110     |
| 200  | 344  | 5     | 24      |
| 150  | 412  | 6     | 11.5    |
| 100  | 502  | 7     | 7       |
| 50   | 319  | 6     | 100     |
| 0    | 300  | 6     | 30      |
| -50  | 430  | NR    | 15      |
| -100 | 446  | NR    | 7       |
| -150 | 249  | 6     | 100     |
| -200 | 434  | 6     | 43.5    |
| -250 | 449  | 8     | 10      |
| -300 | 480  | 14    | 10      |
| -350 | 194  | 6     | 105     |
| -400 | 108  | 4     | 27      |
| -450 | 221  | 10    | 12.7    |
| -500 | 105  | 20    | 5.5     |
| -550 | 410  | 4     | 150     |
| -600 | 420  | 10    | 38.4    |
| -650 | 328  | 15    | 12      |
| -700 | 355  | 16    | 6.5     |
| -750 | 530  | 10    | 180     |
| -800 | 335  | 14    | 28.5    |
| -850 | 353  | 13    | 12      |
| -900 | 459  | 14    | 7.8     |

|       |   |     |    |       |
|-------|---|-----|----|-------|
| 250   | 8 | 372 | 14 | 120   |
| 200   | 8 | 354 | 14 | 28.5  |
| 150   | 8 | 419 | 14 | 13.5  |
| 100   | 8 | 465 | 12 | 7.5   |
| 50    | 8 | 404 | 14 | 95    |
| 0     | 8 | 520 | 18 | 30.6  |
| -50   | 8 | 510 | 14 | 12    |
| -100  | N | 570 | 12 | 6.7   |
| -150  | 8 | 397 | 14 | 90    |
| -200  | 8 | 477 | 12 | 27    |
| -250  | N | 406 | 10 | 11    |
| -300  | N | 397 | 6  | 4.5   |
| -350  | N | 521 | 16 | 10.5  |
| -400  | N | 587 | 14 | 55    |
| -450  | N | 497 | 9  | 10.6  |
| -500  | N | 737 | 10 | 13.8  |
| -550  | N | 595 | 14 | 145   |
| -600  | N | 590 | 10 | 36    |
| -650  | N | 861 | 14 | 21    |
| -700  | N | 820 | 12 | 10    |
| -750  | N | 410 | 8  | 7.5   |
| -800  | N | 722 | 8  | 33    |
| -850  | N | 707 | 10 | 14.4  |
| -900  | N | 437 | 10 | 4     |
| -950  | N | 615 | 8  | 150   |
| -1000 | N | 738 | 11 | 40    |
| -1050 | N | 554 | 10 | 13.5  |
| -1100 | N | 595 | 17 | 7     |
| -1150 | N | 631 | 10 | 165   |
| -1200 | N | 459 | 12 | 30    |
| -1250 | N | 497 | 18 | 13    |
| -1300 | N | 421 | 30 | 5.5   |
| -1350 | N | 545 | 9  | 85    |
| -1400 | N | 620 | 14 | 27    |
| -1450 | N | 574 | 12 | 10    |
| -1500 | N | 499 | 10 | 4.35  |
| -1550 | N | 523 | 11 | 100   |
| -1600 | N | 595 | 10 | 28.5  |
| -1650 | N | 522 | 10 | 10    |
| -1700 | N | 560 | 9  | 5.95  |
| -1750 | N | 430 | 8  | 155   |
| -1800 | N | 417 | 8  | 40    |
| -1850 | N | 449 | 14 | 18    |
| -1900 | N | 574 | 9  | 11.5  |
| -1950 | N | 393 | 4  | 130   |
| -2000 | N | 435 | 10 | 30    |
| -2050 | N | 562 | 8  | 10    |
| -2100 | N | 574 | 10 | 9.5.6 |

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
N. SINGH 26 JUL 87

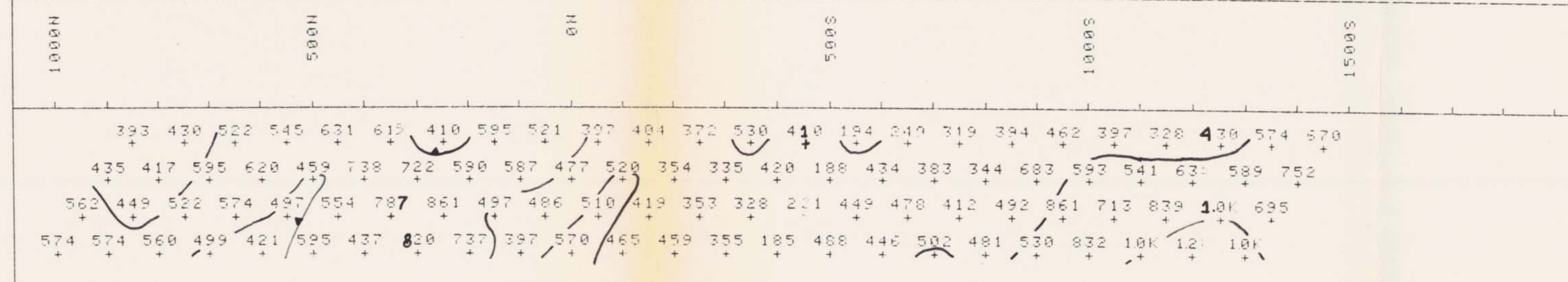


LINE 1000E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
N. SINGH 26 JUL 87



LINE 1000E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
ohm-m 0 ft 400 ft



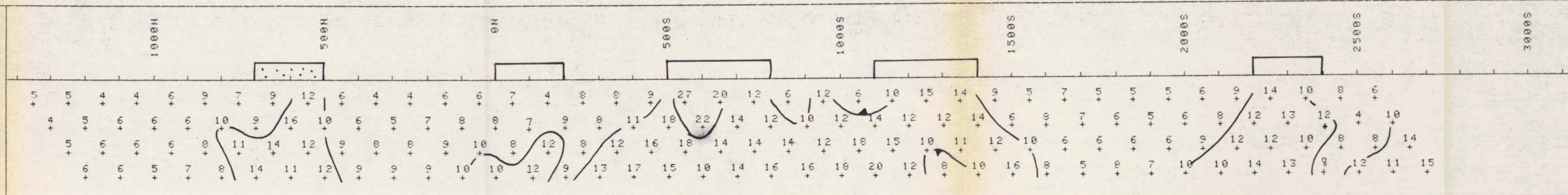
# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR NS  
09JUL87  
DIPOLE SPREAD: 100  
LINE 1200E

| N AT   | RHO    | CHARG | MVOLTS |
|--------|--------|-------|--------|
| 1 1350 | N 520  | 5     | 550    |
| 1 1300 | N 325  | 4     | 85     |
| 4 1250 | N 430  | 5     | 37.5   |
| 4 1200 | N 470  | 6     | 18     |
| 1 1250 | N 295  | 5     | 360    |
| 1 1200 | N 383  | 5     | 110    |
| 1 1150 | N 435  | 6     | 50     |
| 4 1100 | N 430  | 6     | 24     |
| 1 1150 | N 344  | 4     | 600    |
| 1 1100 | N 457  | 6     | 195    |
| 4 1050 | N 519  | 5     | 85     |
| 4 1000 | N 586  | 5     | 48     |
| 1 1050 | N 373  | 4     | 390    |
| 1 1000 | N 396  | 6     | 100    |
| 4 950  | N 446  | 6     | 42     |
| 4 900  | N 383  | 7     | 18     |
| 4 850  | N 581  | 6     | 405    |
| 4 800  | N 718  | 6     | 125    |
| 4 750  | N 581  | 8     | 40.5   |
| 4 700  | N 603  | 8     | 21     |
| 4 650  | N 861  | 9     | 750    |
| 4 600  | N 827  | 10    | 180    |
| 4 550  | N 689  | 11    | 60     |
| 4 500  | N 700  | 14    | 27     |
| 4 450  | N 718  | 7     | 750    |
| 4 400  | N 746  | 9     | 195    |
| 4 350  | N 670  | 14    | 70     |
| 4 300  | N 689  | 11    | 36     |
| 4 250  | N 638  | 9     | 1000   |
| 4 200  | N 536  | 16    | 210    |
| 4 150  | N 538  | 12    | 75     |
| 4 100  | N 861  | 12    | 45     |
| 4 50   | N 402  | 12    | 700    |
| 4 0    | N 496  | 10    | 216    |
| 4 0    | N 746  | 9     | 130    |
| 4 0    | N 718  | 9     | 50     |
| 4 0    | N 369  | 6     | 450    |
| 4 0    | N 590  | 6     | 180    |
| 4 0    | N 492  | 8     | 60     |
| 4 0    | N 714  | 9     | 43.5   |
| 4 0    | N 766  | 4     | 1200   |
| 4 0    | N 689  | 5     | 270    |
| 4 0    | N 925  | 8     | 145    |
| 4 0    | N 957  | 9     | 75     |
| 4 0    | N 526  | 4     | 1100   |
| 4 0    | N 861  | 7     | 450    |
| 4 0    | N 909  | 9     | 190    |
| 4 0    | N 766  | 10    | 80     |
| 4 0    | N 995  | 8     | 1300   |
| 4 0    | N 1195 | 8     | 390    |

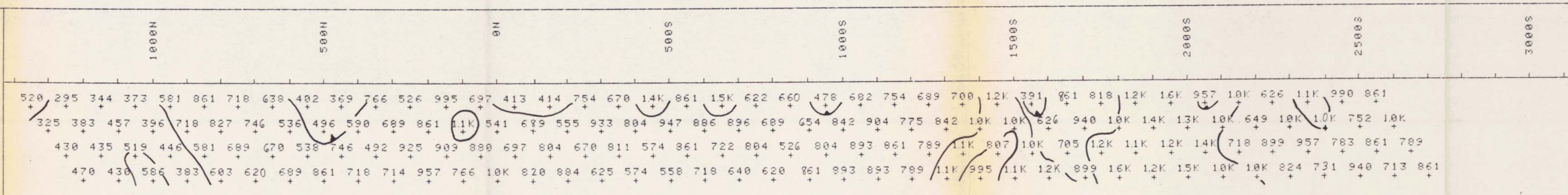
|        |        |    |      |
|--------|--------|----|------|
| 1 1350 | N 880  | 10 | 115  |
| 1 1300 | N 1072 | 10 | 70   |
| 4 1250 | N 697  | 6  | 850  |
| 4 1200 | N 541  | 8  | 165  |
| 4 1150 | N 697  | 8  | 85   |
| 4 1100 | N 820  | 12 | 50   |
| 4 1050 | N 413  | 7  | 720  |
| 4 1000 | N 689  | 7  | 300  |
| 4 950  | N 804  | 12 | 140  |
| 4 900  | N 884  | 9  | 77   |
| 4 850  | N 414  | 4  | 1300 |
| 4 800  | N 555  | 9  | 435  |
| 4 750  | N 670  | 8  | 210  |
| 4 700  | N 625  | 13 | 98   |
| 4 650  | N 754  | 8  | 2100 |
| 4 600  | N 933  | 8  | 650  |
| 4 550  | N 811  | 12 | 240  |
| 4 500  | N 574  | 17 | 85   |
| 4 450  | N 670  | 8  | 1400 |
| 4 400  | N 804  | 11 | 420  |
| 4 350  | N 574  | 16 | 140  |
| 4 300  | N 558  | 15 | 60   |
| 4 250  | N 1400 | 9  | 1950 |
| 4 200  | N 947  | 10 | 330  |
| 4 150  | N 861  | 18 | 120  |
| 4 100  | N 718  | 10 | 50   |
| 4 50   | N 861  | 27 | 1050 |
| 4 0    | N 886  | 22 | 270  |
| 4 0    | N 722  | 14 | 88   |
| 4 0    | N 640  | 14 | 39   |
| 4 0    | N 1551 | 20 | 1350 |
| 4 0    | N 896  | 14 | 195  |
| 4 0    | N 804  | 14 | 70   |
| 4 0    | N 620  | 16 | 27   |
| 4 0    | N 622  | 12 | 650  |
| 4 0    | N 689  | 12 | 180  |
| 4 0    | N 526  | 15 | 55   |
| 4 0    | N 861  | 16 | 45   |
| 4 0    | N 660  | 6  | 1150 |
| 4 0    | N 654  | 10 | 285  |
| 4 0    | N 804  | 12 | 140  |
| 4 0    | N 893  | 18 | 70   |
| 4 0    | N 478  | 12 | 750  |
| 4 0    | N 842  | 12 | 330  |
| 4 0    | N 893  | 18 | 140  |
| 4 0    | N 682  | 20 | 70   |
| 4 0    | N 904  | 14 | 950  |
| 4 0    | N 861  | 15 | 315  |
| 4 0    | N 789  | 12 | 120  |
| 4 0    | N 754  | 10 | 55   |
| 4 0    | N 775  | 12 | 1050 |
| 4 0    | N 789  | 10 | 270  |
| 4 0    | N 1149 | 8  | 110  |
| 4 0    | N 689  | 15 | 80   |
| 4 0    | N 1300 | 8  | 2650 |
| 4 0    | N 689  | 15 | 2700 |

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
NS 09JUL87



LINE 1200E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
NS 09JUL87



LINE 1200E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
ohm-m 0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3

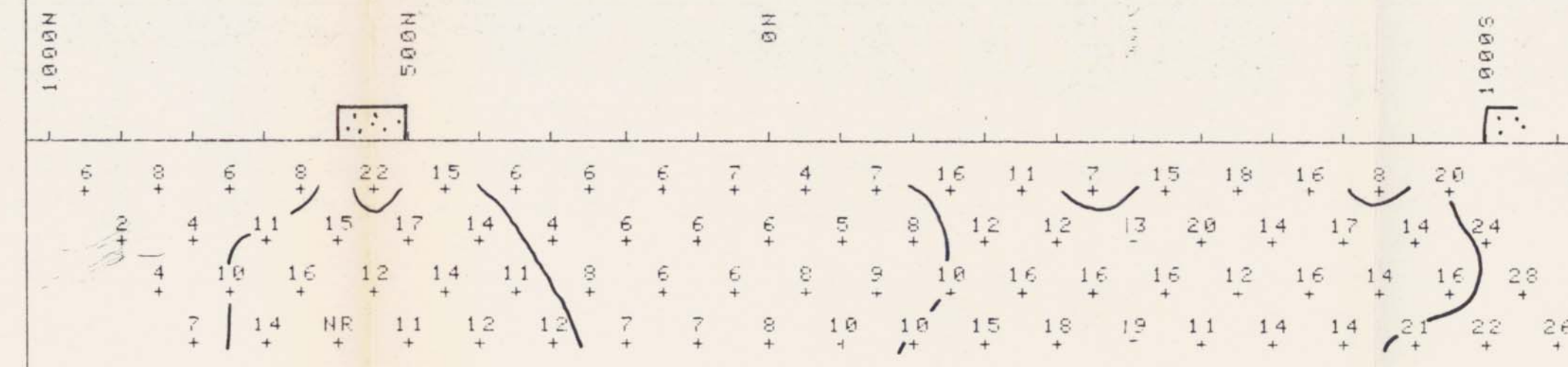


# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR N. SINGH  
26 JUL 87  
DIPOLE SPREAD: 100  
LINE 1400E

| N AT | RHO    | CHRG | MVOLTS |      |   |      |    |      |  |
|------|--------|------|--------|------|---|------|----|------|--|
| 950  | N 441  | 6    | 50     | 50   | 0 | 414  | 4  | 65   |  |
| 900  | N 509  | 2    | 14.4   | 100  | 0 | 482  | 5  | 18.9 |  |
| 850  | N 636  | 4    | 7.2    | 150  | 0 | 606  | 9  | 9.5  |  |
| 800  | N 530  | 7    | 4.8    | 200  | 0 | 517  | 10 | 4.85 |  |
| 850  | N 328  | 8    | 40     | 150  | 0 | 397  | 7  | 90   |  |
| 800  | N 541  | 4    | 16.5   | 200  | 0 | 556  | 8  | 31.5 |  |
| 750  | N 426  | 10   | 9.2    | 250  | 0 | 513  | 10 | 11.7 |  |
| 700  | N 393  | 14   | 6.4    | 300  | 0 | 540  | 15 | 5.7  |  |
| 750  | N 791  | 6    | 62     | 250  | 0 | 923  | 16 | 22.5 |  |
| 700  | N 612  | 11   | 12     | 300  | 0 | 820  | 12 | 50   |  |
| 650  | N 612  | 16   | 4.8    | 350  | 0 | 837  | 18 | 20.4 |  |
| 600  | N 459  | NR   | 1.0    | 400  | 0 | 763  | 18 | 9.3  |  |
| 650  | N 718  | 8    | 50     | 350  | 0 | 1400 | 11 | 390  |  |
| 600  | N 631  | 15   | 11     | 400  | 0 | 1005 | 12 | 76   |  |
| 550  | N 495  | 12   | 3.45   | 450  | 0 | 947  | 16 | 20.4 |  |
| 500  | N 344  | 11   | 1.2    | 500  | 0 | 933  | 19 | 13   |  |
| 550  | N 861  | 22   | 120    | 450  | 0 | 1068 | 7  | 186  |  |
| 500  | N 732  | 17   | 25.5   | 500  | 0 | 848  | 13 | 38.6 |  |
| 450  | N 466  | 14   | 6.5    | 550  | 0 | 947  | 16 | 16.5 |  |
| 400  | N 581  | 12   | 4.05   | 600  | 0 | 517  | 11 | 4.5  |  |
| 450  | N 1354 | 15   | 16.5   | 650  | 0 | 509  | 15 | 120  |  |
| 400  | N 738  | 14   | 22.5   | 700  | 0 | 723  | 20 | 31.5 |  |
| 350  | N 738  | 11   | 9.5    | 750  | 0 | 373  | 12 | 6.5  |  |
| 300  | N 566  | 12   | 3.45   | 800  | 0 | 482  | 14 | 4.0  |  |
| 350  | N 1532 | 6    | 80     | 850  | 0 | 718  | 18 | 22.5 |  |
| 300  | N 1433 | 4    | 19.5   | 900  | 0 | 344  | 14 | 27   |  |
| 250  | N 995  | 8    | 9.2    | 950  | 0 | 326  | 16 | 16.5 |  |
| 200  | N 866  | 7    | 2.64   | 1000 | 0 | 434  | 14 | 6.8  |  |
| 250  | N 1364 | 6    | 9.5    | 1050 | 0 | 317  | 16 | 10.5 |  |
| 200  | N 1126 | 7    | 10.5   | 1100 | 0 | 409  | 17 | 13.5 |  |
| 150  | N 1077 | 7    | 7.0    | 850  | 0 | 417  | 14 | 13   |  |
| 100  | N 818  | 2    | 2.85   | 900  | 0 | 483  | 21 | 8    |  |
| 150  | N 689  | 6    | 6.6    | 950  | 0 | 984  | 8  | 350  |  |
| 100  | N 766  | 5    | 50     | 1000 | 0 | 601  | 14 | 20.4 |  |
| 50   | N 538  | 15   | 7.22   | 1050 | 0 | 722  | 16 | 20.4 |  |
| 50   | N 581  | 8    | 8.1    | 1100 | 0 | 629  | 20 | 11.5 |  |
| 50   | N 757  | 6    | 14.5   |      | 0 | 693  | 20 | 495  |  |
| 50   | N 639  | 8    | 30.6   |      | 0 | 440  | 24 | 150  |  |
| 50   | N 705  | 8    | 13.5   |      | 0 | 572  | 20 | 48   |  |
| 100  | N 887  | 10   | 8.5    |      | 0 | 571  | 26 | 20.4 |  |

NEWMONT  
Exploration  
  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
N SINGH 26 JUL 87



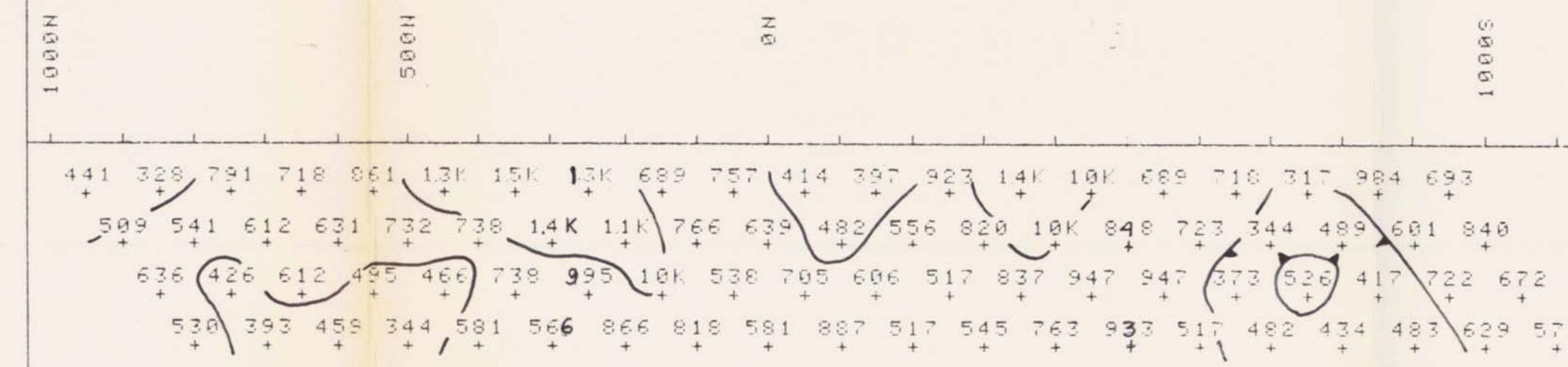
LINE 1400E  
DIPOLE-DIPOLE

N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 1 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3

NEWMONT  
Exploration  
  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
N SINGH 26 JUL 87



LINE 1400E  
DIPOLE-DIPOLE

N = 1  
N = 2  
N = 3  
SPREAD 100  
0-m 0 1 400 ft



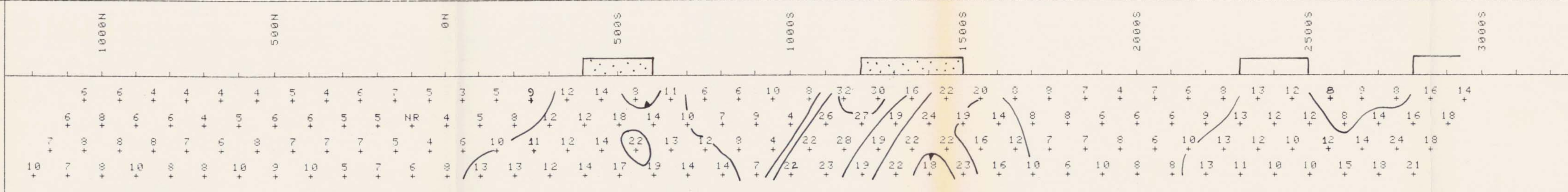
SIMILKAMEEN  
VOIGT  
OPERATOR NS  
28/07/87  
DIPOLE SPREAD: 100  
LINE 1600E

| N  | AT   | RHO  | CHARG | MUCLTS |
|----|------|------|-------|--------|
| 1  | 2950 | 1783 | 14    | 450    |
| 2  | 2900 | 1299 | 18    | 32     |
| 3  | 2850 | 1390 | 18    | 35.1   |
| 4  | 2800 | 1654 | 21    | 21.6   |
| 5  | 2750 | 1299 | 16    | 394    |
| 6  | 2700 | 1626 | 16    | 92     |
| 7  | 2650 | 2055 | 24    | 46.5   |
| 8  | 2600 | 1803 | 18    | 20.4   |
| 9  | 2550 | 1651 | 8     | 345    |
| 10 | 2500 | 2719 | 14    | 142    |
| 11 | 2450 | 2441 | 14    | 51     |
| 12 | 2400 | 1378 | 15    | 14.4   |
| 13 | 2350 | 1669 | 9     | 465    |
| 14 | 2300 | 1867 | 8     | 130    |
| 15 | 2250 | 315  | 12    | 25.5   |
| 16 | 2200 | 1184 | 10    | 16.5   |
| 17 | 2150 | 1844 | 8     | 321    |
| 18 | 2100 | 319  | 12    | 46     |
| 19 | 2050 | 1172 | 10    | 20.4   |
| 20 | 2000 | 1340 | 10    | 10.5   |
| 21 | 1950 | 785  | 12    | 135    |
| 22 | 1900 | 371  | 12    | 46.5   |
| 23 | 1850 | 1175 | 12    | 22.5   |
| 24 | 1800 | 1149 | 11    | 11     |
| 25 | 1750 | 733  | 13    | 388    |
| 26 | 1700 | 1096 | 13    | 105    |
| 27 | 1650 | 1096 | 13    | 42     |
| 28 | 1600 | 700  | 14    | 21     |
| 29 | 1550 | 1538 | 9     | 730    |
| 30 | 1500 | 1600 | 9     | 195    |
| 31 | 1450 | 1436 | 10    | 700    |
| 32 | 1400 | 2406 | 9     | 550    |
| 33 | 1350 | 1553 | 9     | 335    |
| 34 | 1300 | 1500 | 11    | 360    |
| 35 | 1250 | 1500 | 14    | 340    |
| 36 | 1200 | 1500 | 16    | 15     |
| 37 | 1150 | 1500 | 17    | 13     |
| 38 | 1100 | 1500 | 18    | 9      |
| 39 | 1050 | 1500 | 18    | 9      |
| 40 | 1000 | 1500 | 18    | 9      |
| 41 | 950  | 1500 | 18    | 9      |
| 42 | 900  | 1500 | 18    | 9      |
| 43 | 850  | 1500 | 18    | 9      |
| 44 | 800  | 1500 | 18    | 9      |
| 45 | 750  | 1500 | 18    | 9      |
| 46 | 700  | 1500 | 18    | 9      |
| 47 | 650  | 1500 | 18    | 9      |
| 48 | 600  | 1500 | 18    | 9      |
| 49 | 550  | 1500 | 18    | 9      |
| 50 | 500  | 1500 | 18    | 9      |
| 51 | 450  | 1500 | 18    | 9      |
| 52 | 400  | 1500 | 18    | 9      |
| 53 | 350  | 1500 | 18    | 9      |
| 54 | 300  | 1500 | 18    | 9      |
| 55 | 250  | 1500 | 18    | 9      |
| 56 | 200  | 1500 | 18    | 9      |
| 57 | 150  | 1500 | 18    | 9      |
| 58 | 100  | 1500 | 18    | 9      |
| 59 | 50   | 1500 | 18    | 9      |
| 60 | 0    | 1500 | 18    | 9      |

|    |      |   |      |    |      |
|----|------|---|------|----|------|
| 1  | 1450 | 8 | 1559 | 22 | 950  |
| 2  | 1400 | 8 | 1378 | 24 | 32   |
| 3  | 1350 | 8 | 1276 | 24 | 35.1 |
| 4  | 1300 | 8 | 1340 | 24 | 21.6 |
| 5  | 1250 | 8 | 638  | 16 | 394  |
| 6  | 1200 | 8 | 638  | 16 | 92   |
| 7  | 1150 | 8 | 638  | 16 | 46.5 |
| 8  | 1100 | 8 | 638  | 16 | 20.4 |
| 9  | 1050 | 8 | 638  | 16 | 345  |
| 10 | 1000 | 8 | 638  | 16 | 142  |
| 11 | 950  | 8 | 638  | 16 | 51   |
| 12 | 900  | 8 | 638  | 16 | 14.4 |
| 13 | 850  | 8 | 638  | 16 | 465  |
| 14 | 800  | 8 | 638  | 16 | 130  |
| 15 | 750  | 8 | 638  | 16 | 25.5 |
| 16 | 700  | 8 | 638  | 16 | 16.5 |
| 17 | 650  | 8 | 638  | 16 | 321  |
| 18 | 600  | 8 | 638  | 16 | 46   |
| 19 | 550  | 8 | 638  | 16 | 20.4 |
| 20 | 500  | 8 | 638  | 16 | 10.5 |
| 21 | 450  | 8 | 638  | 16 | 135  |
| 22 | 400  | 8 | 638  | 16 | 46.5 |
| 23 | 350  | 8 | 638  | 16 | 22.5 |
| 24 | 300  | 8 | 638  | 16 | 11   |
| 25 | 250  | 8 | 638  | 16 | 388  |
| 26 | 200  | 8 | 638  | 16 | 105  |
| 27 | 150  | 8 | 638  | 16 | 42   |
| 28 | 100  | 8 | 638  | 16 | 21   |
| 29 | 50   | 8 | 638  | 16 | 730  |
| 30 | 0    | 8 | 638  | 16 | 195  |
| 31 | 1450 | 8 | 638  | 16 | 700  |
| 32 | 1400 | 8 | 638  | 16 | 550  |
| 33 | 1350 | 8 | 638  | 16 | 335  |
| 34 | 1300 | 8 | 638  | 16 | 360  |
| 35 | 1250 | 8 | 638  | 16 | 340  |
| 36 | 1200 | 8 | 638  | 16 | 15   |
| 37 | 1150 | 8 | 638  | 16 | 13   |
| 38 | 1100 | 8 | 638  | 16 | 9    |
| 39 | 1050 | 8 | 638  | 16 | 9    |
| 40 | 1000 | 8 | 638  | 16 | 9    |
| 41 | 950  | 8 | 638  | 16 | 9    |
| 42 | 900  | 8 | 638  | 16 | 9    |
| 43 | 850  | 8 | 638  | 16 | 9    |
| 44 | 800  | 8 | 638  | 16 | 9    |
| 45 | 750  | 8 | 638  | 16 | 9    |
| 46 | 700  | 8 | 638  | 16 | 9    |
| 47 | 650  | 8 | 638  | 16 | 9    |
| 48 | 600  | 8 | 638  | 16 | 9    |
| 49 | 550  | 8 | 638  | 16 | 9    |
| 50 | 500  | 8 | 638  | 16 | 9    |
| 51 | 450  | 8 | 638  | 16 | 9    |
| 52 | 400  | 8 | 638  | 16 | 9    |
| 53 | 350  | 8 | 638  | 16 | 9    |
| 54 | 300  | 8 | 638  | 16 | 9    |
| 55 | 250  | 8 | 638  | 16 | 9    |
| 56 | 200  | 8 | 638  | 16 | 9    |
| 57 | 150  | 8 | 638  | 16 | 9    |
| 58 | 100  | 8 | 638  | 16 | 9    |
| 59 | 50   | 8 | 638  | 16 | 9    |
| 60 | 0    | 8 | 638  | 16 | 9    |

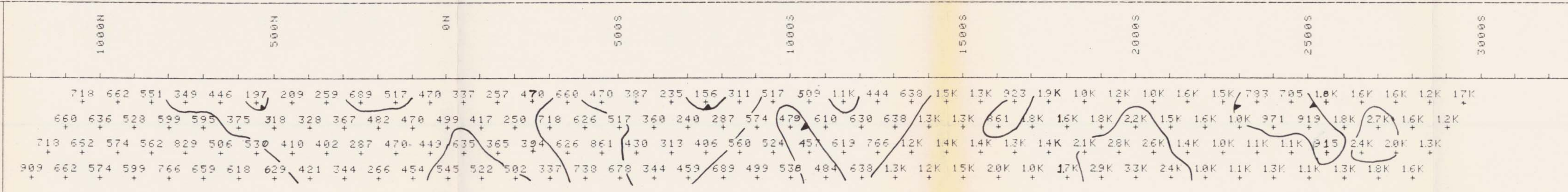
|    |      |   |     |    |      |
|----|------|---|-----|----|------|
| 1  | 50   | N | 470 | 5  | 90   |
| 2  | 100  | N | 470 | 10 | 32   |
| 3  | 150  | N | 470 | 10 | 35.1 |
| 4  | 200  | N | 266 | 10 | 21.6 |
| 5  | 250  | N | 517 | 10 | 394  |
| 6  | 300  | N | 482 | 10 | 92   |
| 7  | 350  | N | 287 | 10 | 46.5 |
| 8  | 400  | N | 344 | 10 | 20.4 |
| 9  | 450  | N | 689 | 10 | 345  |
| 10 | 500  | N | 367 | 10 | 142  |
| 11 | 550  | N | 482 | 10 | 51   |
| 12 | 600  | N | 421 | 10 | 14.4 |
| 13 | 650  | N | 328 | 10 | 465  |
| 14 | 700  | N | 328 | 10 | 130  |
| 15 | 750  | N | 410 | 10 | 25.5 |
| 16 | 800  | N | 529 | 10 | 16.5 |
| 17 | 850  | N | 318 | 10 | 321  |
| 18 | 900  | N | 530 | 10 | 46   |
| 19 | 950  | N | 618 | 10 | 20.4 |
| 20 | 1000 | N | 197 | 10 | 10.5 |
| 21 | 1050 | N | 375 | 10 | 135  |
| 22 | 1100 | N | 586 | 10 | 46.5 |
| 23 | 1150 | N | 659 | 10 | 22.5 |
| 24 | 1200 | N | 446 | 10 | 11   |
| 25 | 1250 | N | 555 | 10 | 388  |
| 26 | 1300 | N | 287 | 10 | 105  |
| 27 | 1350 | N | 829 | 10 | 42   |
| 28 | 1400 | N | 766 | 10 | 21   |
| 29 | 1450 | N | 349 | 10 | 730  |
| 30 | 1500 | N | 599 | 10 | 195  |
| 31 | 1550 | N | 638 | 10 | 700  |
| 32 | 1600 | N | 638 | 10 | 550  |
| 33 | 1650 | N | 638 | 10 | 335  |
| 34 | 1700 | N | 638 | 10 | 360  |
| 35 | 1750 | N | 638 | 10 | 340  |
| 36 | 1800 | N | 638 | 10 | 15   |
| 37 | 1850 | N | 638 | 10 | 13   |
| 38 | 1900 | N | 638 | 10 | 9    |
| 39 | 1950 | N | 638 | 10 | 9    |
| 40 | 2000 | N | 638 | 10 | 9    |
| 41 | 2050 | N | 638 | 10 | 9    |
| 42 | 2100 | N | 638 | 10 | 9    |
| 43 | 2150 | N | 638 | 10 | 9    |
| 44 | 2200 | N | 638 | 10 | 9    |
| 45 | 2250 | N | 638 | 10 | 9    |
| 46 | 2300 | N | 638 | 10 | 9    |
| 47 | 2350 | N | 638 | 10 | 9    |
| 48 | 2400 | N | 638 | 10 | 9    |
| 49 | 2450 | N | 638 | 10 | 9    |
| 50 | 2500 | N | 638 | 10 | 9    |
| 51 | 2550 | N | 638 | 10 | 9    |
| 52 | 2600 | N | 638 | 10 | 9    |
| 53 | 2650 | N | 638 | 10 | 9    |
| 54 | 2700 | N | 638 | 10 | 9    |
| 55 | 2750 | N | 638 | 10 | 9    |
| 56 | 2800 | N | 638 | 10 | 9    |
| 57 | 2850 | N | 638 | 10 | 9    |
| 58 | 2900 | N | 638 | 10 | 9    |
| 59 | 2950 | N | 638 | 10 | 9    |
| 60 | 3000 | N | 638 | 10 | 9    |

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
NS 28/07/87



LINE 1600E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
NS 28/07/87



LINE 1600E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
ohm-m 0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3



# RESULTS DIPOLE-DIPOLE IP SURVEY

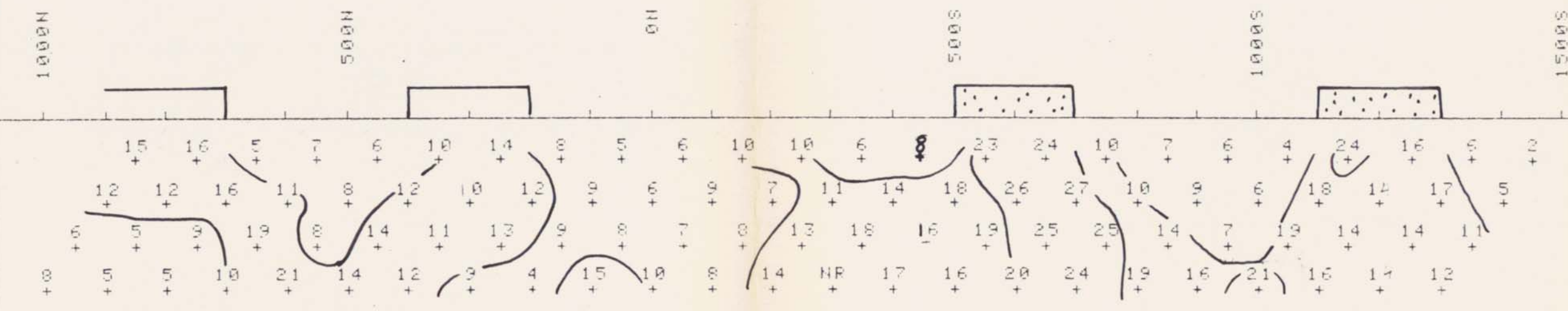
SIMILKAMEEN  
VOIGT  
OPERATOR NS/RC  
27 JUL 87  
DIPOLE SPREAD: 100  
LINE 1800E

| STATION | RHO  | CHARGE | MVOLTS | STATION | RHO  | CHARGE | MVOLTS |
|---------|------|--------|--------|---------|------|--------|--------|
| 1450    | 734  | 2      | 345    | 1450    | 734  | 2      | 345    |
| 1400    | 893  | 9      | 105    | 1400    | 893  | 9      | 105    |
| 1350    | 707  | 11     | 34.5   | 1350    | 707  | 11     | 34.5   |
| 1300    | 677  | 12     | 16.5   | 1300    | 677  | 12     | 16.5   |
| 1250    | 861  | 6      | 210    | 1250    | 861  | 6      | 210    |
| 1200    | 689  | 17     | 42     | 1200    | 689  | 17     | 42     |
| 1150    | 677  | 14     | 16.5   | 1150    | 677  | 14     | 16.5   |
| 1100    | 713  | 14     | 9      | 1100    | 713  | 14     | 9      |
| 1050    | 746  | 16     | 65     | 1050    | 746  | 16     | 65     |
| 1000    | 717  | 14     | 15.6   | 1000    | 717  | 14     | 15.6   |
| 950     | 804  | 14     | 7      | 950     | 804  | 14     | 7      |
| 900     | 965  | 16     | 4.2    | 900     | 965  | 16     | 4.2    |
| 850     | 647  | 24     | 62     | 850     | 647  | 24     | 62     |
| 800     | 689  | 18     | 16.5   | 800     | 689  | 18     | 16.5   |
| 750     | 940  | 19     | 9      | 750     | 940  | 19     | 9      |
| 700     | 1002 | 21     | 4.8    | 700     | 1002 | 21     | 4.8    |
| 650     | 779  | 4      | 20.5   | 650     | 779  | 4      | 20.5   |
| 600     | 984  | 6      | 98     | 600     | 984  | 6      | 98     |
| 550     | 1367 | 7      | 58     | 550     | 1367 | 7      | 58     |
| 500     | 1066 | 16     | 19.5   | 500     | 1066 | 16     | 19.5   |
| 450     | 683  | 9      | 50     | 450     | 683  | 9      | 50     |
| 400     | 984  | 9      | 180    | 400     | 984  | 9      | 180    |
| 350     | 820  | 14     | 60     | 350     | 820  | 14     | 60     |
| 300     | 574  | 19     | 21     | 300     | 574  | 19     | 21     |
| 250     | 1050 | 7      | 750    | 250     | 1050 | 7      | 750    |
| 200     | 1008 | 10     | 180    | 200     | 1008 | 10     | 180    |
| 150     | 683  | 20     | 50     | 150     | 683  | 20     | 50     |
| 100     | 656  | 24     | 24     | 100     | 656  | 24     | 24     |
| 50      | 1305 | 10     | 500    | 50      | 1305 | 10     | 500    |
| 0       | 835  | 27     | 80     | 0       | 835  | 27     | 80     |
| 50      | 861  | 25     | 33     | 50      | 861  | 25     | 33     |
| 100     | 861  | 20     | 15.5   | 100     | 861  | 20     | 15.5   |
| 150     | 884  | 24     | 210    | 150     | 884  | 24     | 210    |
| 200     | 919  | 26     | 60     | 200     | 919  | 26     | 60     |
| 250     | 945  | 19     | 25.5   | 250     | 945  | 19     | 25.5   |
| 300     | 969  | 16     | 13.5   | 300     | 969  | 16     | 13.5   |
| 350     | 662  | 23     | 150    | 350     | 662  | 23     | 150    |
| 400     | 795  | 10     | 43     | 400     | 795  | 10     | 43     |
| 450     | 729  | 16     | 16.5   | 450     | 729  | 16     | 16.5   |
| 500     | 1060 | 17     | 12     | 500     | 1060 | 17     | 12     |
| 550     | 662  | 8      | 150    | 550     | 662  | 8      | 150    |
| 600     | 556  | 14     | 31.5   | 600     | 556  | 14     | 31.5   |
| 650     | 795  | 18     | 18     | 650     | 795  | 18     | 18     |
| 700     | 207  | NR     | 3      | 700     | 207  | NR     | 3      |
| 750     | 662  | 6      | 150    | 750     | 662  | 6      | 150    |
| 800     | 883  | 11     | 50     | 800     | 883  | 11     | 50     |
| 850     | 574  | 13     | 8      | 850     | 574  | 13     | 8      |
| 900     | 574  | 14     | 65     | 900     | 574  | 14     | 65     |

NEWMONT  
Exploration

SIMILKAMEEN  
VOIGT  
CHARGEABILITY

NS/RC 27 JUL 87



LINE 1800E  
DIPOLE-DIPOLE

N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft

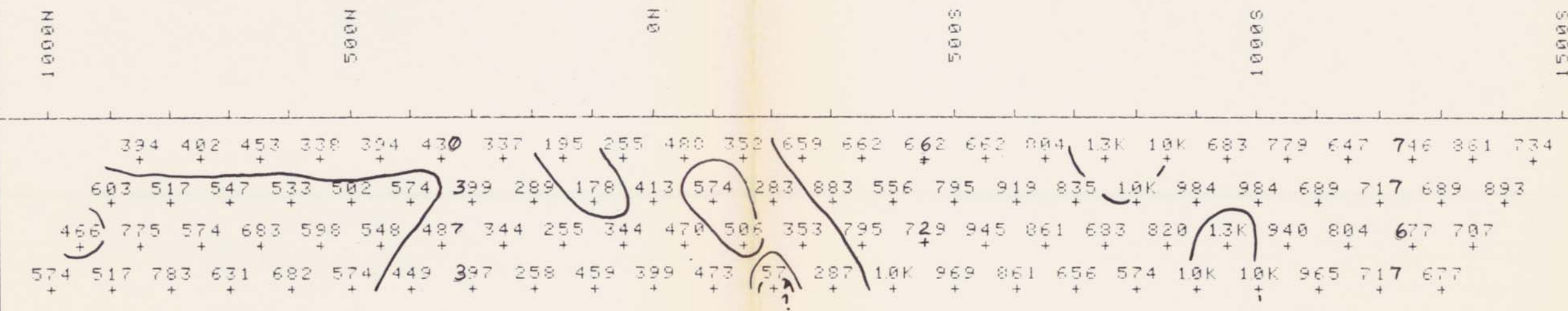
GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3

NEWMONT  
Exploration

SIMILKAMEEN  
VOIGT  
RESISTIVITY

NS/RC 27 JUL 87



LINE 1800E  
DIPOLE-DIPOLE

N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft



RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR RC  
10JUL87  
DIPOLE SPREAD: 100  
LINE 2000E

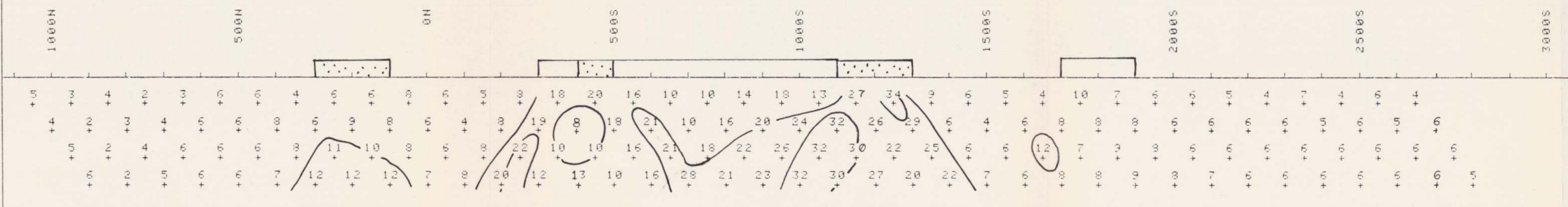
| N     | AT     | RHO   | CHARG | INVOLTS |
|-------|--------|-------|-------|---------|
| 1050  | N 269  | 1050  | 1050  | 1050    |
| 1000  | N 452  | 1000  | 1000  | 1000    |
| 950   | N 538  | 950   | 950   | 950     |
| 900   | N 754  | 900   | 900   | 900     |
| 850   | N 430  | 850   | 850   | 850     |
| 800   | N 517  | 800   | 800   | 800     |
| 750   | N 718  | 750   | 750   | 750     |
| 700   | N 861  | 700   | 700   | 700     |
| 650   | N 451  | 650   | 650   | 650     |
| 600   | N 689  | 600   | 600   | 600     |
| 550   | N 1108 | 550   | 550   | 550     |
| 500   | N 1066 | 500   | 500   | 500     |
| 450   | N 574  | 450   | 450   | 450     |
| 400   | N 766  | 400   | 400   | 400     |
| 350   | N 919  | 350   | 350   | 350     |
| 300   | N 1034 | 300   | 300   | 300     |
| 250   | N 379  | 250   | 250   | 250     |
| 200   | N 599  | 200   | 200   | 200     |
| 150   | N 620  | 150   | 150   | 150     |
| 100   | N 487  | 100   | 100   | 100     |
| 50    | N 499  | 50    | 50    | 50      |
| 0     | N 524  | 0     | 0     | 0       |
| -50   | N 399  | -50   | -50   | -50     |
| -100  | N 562  | -100  | -100  | -100    |
| -150  | N 743  | -150  | -150  | -150    |
| -200  | N 743  | -200  | -200  | -200    |
| -250  | N 743  | -250  | -250  | -250    |
| -300  | N 743  | -300  | -300  | -300    |
| -350  | N 743  | -350  | -350  | -350    |
| -400  | N 743  | -400  | -400  | -400    |
| -450  | N 743  | -450  | -450  | -450    |
| -500  | N 743  | -500  | -500  | -500    |
| -550  | N 743  | -550  | -550  | -550    |
| -600  | N 743  | -600  | -600  | -600    |
| -650  | N 743  | -650  | -650  | -650    |
| -700  | N 743  | -700  | -700  | -700    |
| -750  | N 743  | -750  | -750  | -750    |
| -800  | N 743  | -800  | -800  | -800    |
| -850  | N 743  | -850  | -850  | -850    |
| -900  | N 743  | -900  | -900  | -900    |
| -950  | N 743  | -950  | -950  | -950    |
| -1000 | N 743  | -1000 | -1000 | -1000   |

|      |      |    |     |
|------|------|----|-----|
| 350  | 610  | 10 | 25  |
| 400  | 374  | 10 | 30  |
| 450  | 933  | 10 | 35  |
| 500  | 1005 | 10 | 40  |
| 550  | 606  | 10 | 45  |
| 600  | 1422 | 10 | 50  |
| 650  | 1828 | 10 | 55  |
| 700  | 1648 | 10 | 60  |
| 750  | 1608 | 10 | 65  |
| 800  | 1654 | 10 | 70  |
| 850  | 1608 | 10 | 75  |
| 900  | 1637 | 10 | 80  |
| 950  | 1638 | 10 | 85  |
| 1000 | 1637 | 10 | 90  |
| 1050 | 1637 | 10 | 95  |
| 1100 | 1637 | 10 | 100 |
| 1150 | 1637 | 10 | 105 |
| 1200 | 1637 | 10 | 110 |
| 1250 | 1637 | 10 | 115 |
| 1300 | 1637 | 10 | 120 |
| 1350 | 1637 | 10 | 125 |
| 1400 | 1637 | 10 | 130 |
| 1450 | 1637 | 10 | 135 |
| 1500 | 1637 | 10 | 140 |
| 1550 | 1637 | 10 | 145 |
| 1600 | 1637 | 10 | 150 |
| 1650 | 1637 | 10 | 155 |
| 1700 | 1637 | 10 | 160 |
| 1750 | 1637 | 10 | 165 |
| 1800 | 1637 | 10 | 170 |
| 1850 | 1637 | 10 | 175 |
| 1900 | 1637 | 10 | 180 |
| 1950 | 1637 | 10 | 185 |
| 2000 | 1637 | 10 | 190 |

|      |      |    |     |
|------|------|----|-----|
| 1750 | 738  | 10 | 25  |
| 1800 | 984  | 10 | 30  |
| 1850 | 983  | 10 | 35  |
| 1900 | 1108 | 10 | 40  |
| 1950 | 610  | 10 | 45  |
| 2000 | 732  | 10 | 50  |
| 2050 | 861  | 10 | 55  |
| 2100 | 1077 | 10 | 60  |
| 2150 | 517  | 10 | 65  |
| 2200 | 654  | 10 | 70  |
| 2250 | 1034 | 10 | 75  |
| 2300 | 1378 | 10 | 80  |
| 2350 | 574  | 10 | 85  |
| 2400 | 842  | 10 | 90  |
| 2450 | 1091 | 10 | 95  |
| 2500 | 1263 | 10 | 100 |
| 2550 | 517  | 10 | 105 |
| 2600 | 766  | 10 | 110 |
| 2650 | 804  | 10 | 115 |
| 2700 | 919  | 10 | 120 |
| 2750 | 861  | 10 | 125 |
| 2800 | 954  | 10 | 130 |
| 2850 | 1061 | 10 | 135 |
| 2900 | 1194 | 10 | 140 |
| 2950 | 1263 | 10 | 145 |
| 3000 | 1263 | 10 | 150 |
| 3050 | 1263 | 10 | 155 |
| 3100 | 1263 | 10 | 160 |
| 3150 | 1263 | 10 | 165 |
| 3200 | 1263 | 10 | 170 |
| 3250 | 1263 | 10 | 175 |
| 3300 | 1263 | 10 | 180 |
| 3350 | 1263 | 10 | 185 |
| 3400 | 1263 | 10 | 190 |
| 3450 | 1263 | 10 | 195 |
| 3500 | 1263 | 10 | 200 |

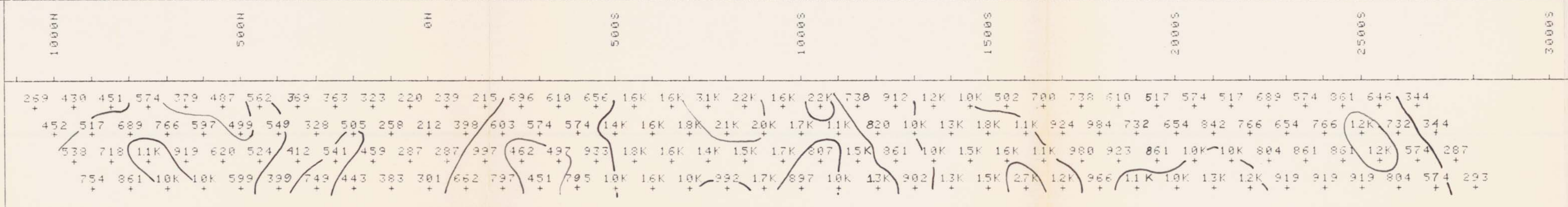
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|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 1000 | 259 | 430 | 451 | 574 | 379 | 487 | 562 | 369 | 363 | 323 | 220 | 239 | 215 | 636 | 610 | 656 | 16K | 16K | 31K | 22K | 16K | 22K | 738 | 912 | 12K | 10K | 502 | 700 | 738 | 610 | 517 | 574 | 517 | 689 | 574 | 861 | 646 | 344 |
| 950  | 452 | 517 | 689 | 766 | 537 | 499 | 549 | 328 | 505 | 258 | 212 | 398 | 603 | 574 | 574 | 14K | 16K | 18K | 21K | 20K | 17K | 11K | 820 | 10K | 13K | 18K | 11K | 924 | 984 | 732 | 654 | 842 | 766 | 654 | 766 | 12K | 732 | 344 |
| 900  | 538 | 718 | 11K | 919 | 620 | 524 | 412 | 541 | 459 | 287 | 287 | 997 | 462 | 497 | 933 | 18K | 16K | 14K | 15K | 17K | 207 | 15K | 861 | 10K | 15K | 16K | 11K | 980 | 923 | 861 | 10K | 10K | 804 | 861 | 861 | 12K | 574 | 287 |
| 850  | 754 | 861 | 10K | 10K | 599 | 399 | 749 | 443 | 383 | 301 | 662 | 797 | 451 | 795 | 10K | 16K | 10K | 992 | 17K | 897 | 10K | 13K | 902 | 13K | 15K | 27K | 12K | 966 | 11K | 10K | 13K | 12K | 919 | 919 | 919 | 804 | 574 | 293 |

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
RC 10JUL87



LINE 2000E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
0 ft 400 ft

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
RC 10JUL87



LINE 2000E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3



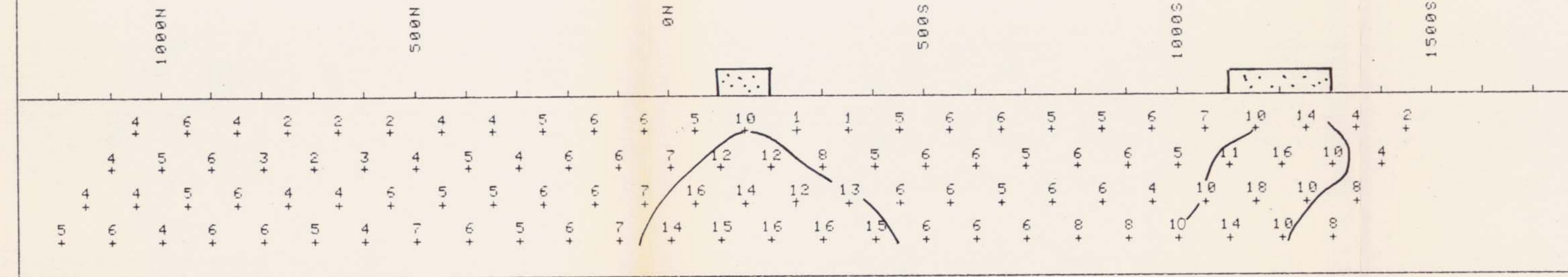
# RESULTS DIPOLE-DIPOLE IF SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR RC  
11JUL87  
DIPOLE SPREAD: 100  
LINE 2400E

| N | AT   | RHO  | CHARG | MVOLTS |
|---|------|------|-------|--------|
| 1 | 1450 | 287  | 2     | 40     |
| 2 | 1400 | 438  | 4     | 15     |
| 3 | 1350 | 359  | 8     | 5      |
| 4 | 1300 | 452  | 1     | 3.15   |
| 1 | 1350 | 574  | 4     | 60     |
| 2 | 1300 | 574  | 10    | 15     |
| 3 | 1250 | 718  | 10    | 7.5    |
| 4 | 1200 | 517  | 10    | 2.7    |
| 1 | 1250 | 478  | 14    | 50     |
| 2 | 1200 | 746  | 16    | 19.5   |
| 3 | 1150 | 478  | 18    | 5      |
| 4 | 1100 | 517  | 14    | 2.7    |
| 1 | 1150 | 466  | 10    | 130    |
| 2 | 1100 | 387  | 11    | 27     |
| 3 | 1050 | 448  | 10    | 12.5   |
| 4 | 1000 | 574  | 10    | 8      |
| 1 | 1050 | 278  | 7     | 150    |
| 2 | 1000 | 359  | 5     | 50     |
| 3 | 950  | 391  | 4     | 22.5   |
| 4 | 900  | 522  | 6     | 15     |
| 1 | 950  | 337  | 6     | 135    |
| 2 | 900  | 499  | 6     | 50     |
| 3 | 850  | 599  | 6     | 24     |
| 4 | 800  | 674  | 8     | 13.5   |
| 1 | 850  | 275  | 5     | 120    |
| 2 | 800  | 459  | 6     | 50     |
| 3 | 750  | 464  | 6     | 21     |
| 4 | 700  | 425  | 6     | 10     |
| 1 | 750  | 386  | 5     | 330    |
| 2 | 700  | 505  | 5     | 110    |
| 3 | 650  | 574  | 5     | 50     |
| 4 | 600  | 586  | 6     | 25.5   |
| 1 | 650  | 683  | 6     | 500    |
| 2 | 600  | 721  | 6     | 135    |
| 3 | 550  | 668  | 6     | 50     |
| 4 | 500  | 921  | 6     | 34.5   |
| 1 | 550  | 870  | 6     | 500    |
| 2 | 500  | 1044 | 6     | 150    |
| 3 | 450  | 1392 | 6     | 80     |
| 4 | 400  | 1318 | 15    | 39     |
| 1 | 450  | 689  | 5     | 180    |
| 2 | 400  | 1685 | 5     | 110    |
| 3 | 350  | 1915 | 13    | 50     |
| 4 | 300  | 1831 | 16    | 25.5   |
| 1 | 350  | 556  | 1     | 300    |
| 2 | 300  | 1000 | 8     | 135    |
| 3 | 250  | 1112 | 12    | 60     |
| 4 | 200  | 1077 | 16    | 30     |
| 1 | 250  | 662  | 8     | 150    |
| 2 | 200  | 972  | 12    | 55     |
| 3 | 150  | 994  | 14    | 22.5   |

|   |      |   |      |      |
|---|------|---|------|------|
| 4 | 100  | S | 1325 | 15   |
| 1 | 150  | S | 783  | 10   |
| 2 | 100  | S | 1044 | 12   |
| 3 | 50   | S | 1096 | 16   |
| 4 | 0    | N | 1044 | 14   |
| 1 | 50   | S | 999  | 400  |
| 2 | 0    | N | 1348 | 135  |
| 3 | 50   | N | 1373 | 55   |
| 4 | 100  | N | 1049 | 21   |
| 1 | 50   | N | 861  | 270  |
| 2 | 100  | N | 1149 | 90   |
| 3 | 150  | N | 1053 | 33   |
| 4 | 200  | N | 957  | 15   |
| 1 | 150  | N | 861  | 180  |
| 2 | 200  | N | 1053 | 55   |
| 3 | 250  | N | 861  | 18   |
| 4 | 300  | N | 718  | 7.5  |
| 1 | 250  | N | 861  | 165  |
| 2 | 300  | N | 940  | 45   |
| 3 | 350  | N | 626  | 12   |
| 4 | 400  | N | 783  | 7.5  |
| 1 | 350  | N | 517  | 135  |
| 2 | 400  | N | 413  | 27   |
| 3 | 450  | N | 574  | 15   |
| 4 | 500  | N | 842  | 11   |
| 1 | 450  | N | 287  | 85   |
| 2 | 500  | N | 405  | 30   |
| 3 | 550  | N | 760  | 22.5 |
| 4 | 600  | N | 709  | 10.5 |
| 1 | 550  | N | 307  | 75   |
| 2 | 600  | N | 820  | 50   |
| 3 | 650  | N | 800  | 19.5 |
| 4 | 700  | N | 1231 | 15   |
| 1 | 650  | N | 861  | 180  |
| 2 | 700  | N | 957  | 50   |
| 3 | 750  | N | 1220 | 25.5 |
| 4 | 800  | N | 1436 | 15   |
| 1 | 750  | N | 779  | 95   |
| 2 | 800  | N | 984  | 30   |
| 3 | 850  | N | 1231 | 15   |
| 4 | 900  | N | 3693 | 22.5 |
| 1 | 850  | N | 861  | 120  |
| 2 | 900  | N | 775  | 27   |
| 3 | 950  | N | 1077 | 15   |
| 4 | 1000 | N | 1005 | 7    |
| 1 | 950  | N | 574  | 70   |
| 2 | 1000 | N | 935  | 28.5 |
| 3 | 1050 | N | 984  | 12   |
| 4 | 1100 | N | 984  | 6    |
| 1 | 1050 | N | 957  | 4    |
| 2 | 1100 | N | 1149 | 15   |
| 3 | 1150 | N | 1340 | 7    |
| 4 | 1200 | N | 1723 | 4.5  |

NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
CHARGEABILITY  
RC 11JUL87

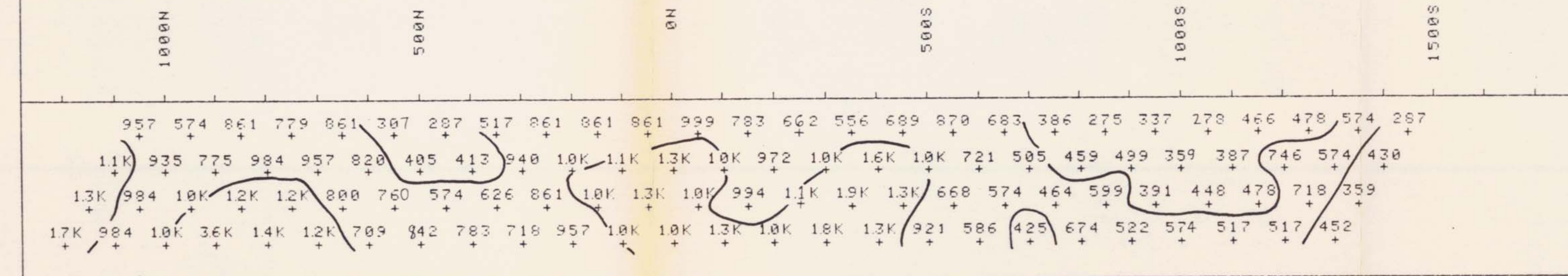


LINE 2400E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
msec 0 ft 400 ft

GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
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NEWMONT  
Exploration  
SIMILKAMEEN  
VOIGT  
RESISTIVITY  
RC 11JUL87

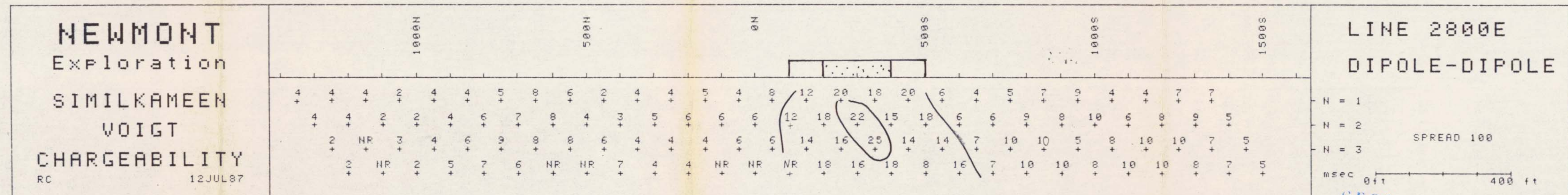


LINE 2400E  
DIPOLE-DIPOLE  
N = 1  
N = 2  
N = 3  
SPREAD 100  
Ω-m 0 ft 400 ft



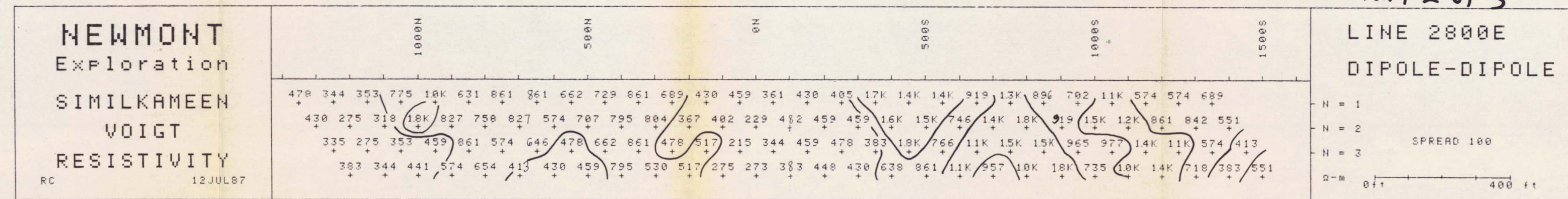
SIMILKAMEEN  
VOIGT  
OPERATOR RC  
12JUL87  
DIPOLE SPREAD: 100  
LINE 2800E

| N | AT   | RHO    | CHARG | MVOLTS |   |      |        |    |      |
|---|------|--------|-------|--------|---|------|--------|----|------|
| 1 | 1350 | N 478  | 4     | 100    | 1 | 50   | S 361  | 8  | 31.5 |
| 2 | 1300 | N 430  | 4     | 22.5   | 2 | 100  | S 482  | 12 | 10.5 |
| 3 | 1250 | N 335  | 2     | 7      | 3 | 150  | S 459  | 14 | 4    |
| 4 | 1200 | N 383  | 2     | 4      | 4 | 200  | S 448  | 18 | 1.95 |
| 1 | 1250 | N 344  | 4     | 30     | 1 | 150  | S 430  | 12 | 45   |
| 2 | 1200 | N 275  | 4     | 6      | 2 | 200  | S 459  | 18 | 12   |
| 3 | 1150 | N 275  | NR    | 2.4    | 3 | 250  | S 478  | 16 | 5    |
| 4 | 1100 | N 344  | NR    | 1.5    | 4 | 300  | S 430  | 16 | 2.25 |
| 1 | 1150 | N 353  | 4     | 80     | 1 | 250  | S 405  | 20 | 60   |
| 2 | 1100 | N 318  | 2     | 18     | 2 | 300  | S 459  | 22 | 18   |
| 3 | 1050 | N 353  | 3     | 8      | 3 | 350  | S 383  | 25 | 6    |
| 4 | 1000 | N 441  | 2     | 5      | 4 | 400  | S 638  | 18 | 5    |
| 1 | 1050 | N 775  | 2     | 135    | 1 | 350  | S 1723 | 18 | 300  |
| 2 | 1000 | N 1838 | 2     | 80     | 2 | 400  | S 1608 | 15 | 70   |
| 3 | 950  | N 459  | 4     | 8      | 3 | 450  | S 1809 | 14 | 31.5 |
| 4 | 900  | N 574  | 5     | 5      | 4 | 500  | S 861  | 8  | 7.5  |
| 1 | 950  | N 1034 | 4     | 90     | 1 | 450  | S 1436 | 20 | 150  |
| 2 | 900  | N 827  | 4     | 18     | 2 | 500  | S 1532 | 18 | 40   |
| 3 | 850  | N 861  | 6     | 7.5    | 3 | 550  | S 766  | 14 | 8    |
| 4 | 800  | N 654  | 7     | 2.85   | 4 | 600  | S 1149 | 16 | 6    |
| 1 | 850  | N 631  | 4     | 55     | 1 | 550  | S 1436 | 6  | 150  |
| 2 | 800  | N 758  | 6     | 16.5   | 2 | 600  | S 746  | 6  | 19.5 |
| 3 | 750  | N 574  | 9     | 5      | 3 | 650  | S 1149 | 7  | 12   |
| 4 | 700  | N 413  | 6     | 1.8    | 4 | 700  | S 957  | 7  | 5    |
| 1 | 750  | N 861  | 5     | 75     | 1 | 650  | S 919  | 4  | 120  |
| 2 | 700  | N 827  | 7     | 18     | 2 | 700  | S 1436 | 6  | 50   |
| 3 | 650  | N 646  | 8     | 4.5    | 3 | 750  | S 1508 | 10 | 21   |
| 4 | 600  | N 430  | NR    | 1.5    | 4 | 800  | S 1005 | 10 | 7    |
| 1 | 650  | N 861  | 8     | 90     | 1 | 750  | S 1318 | 5  | 195  |
| 2 | 600  | N 574  | 8     | 15     | 2 | 800  | S 1892 | 9  | 70   |
| 3 | 550  | N 478  | 8     | 5      | 3 | 850  | S 1520 | 10 | 22.5 |
| 4 | 500  | N 459  | NR    | 2.4    | 4 | 900  | S 1824 | 10 | 13.5 |
| 1 | 550  | N 662  | 6     | 150    | 1 | 850  | S 896  | 7  | 195  |
| 2 | 500  | N 707  | 4     | 40     | 2 | 900  | S 919  | 8  | 50   |
| 3 | 450  | N 662  | 6     | 15     | 3 | 950  | S 965  | 5  | 21   |
| 4 | 400  | N 795  | 7     | 9      | 4 | 1000 | S 735  | 8  | 8    |
| 1 | 450  | N 729  | 2     | 165    | 1 | 950  | S 702  | 9  | 330  |
| 2 | 400  | N 795  | 3     | 45     | 2 | 1000 | S 1532 | 10 | 180  |
| 3 | 350  | N 861  | 4     | 19.5   | 3 | 1050 | S 977  | 8  | 40   |
| 4 | 300  | N 530  | 4     | 6      | 4 | 1100 | S 1026 | 10 | 21   |
| 1 | 350  | N 861  | 4     | 90     | 1 | 1050 | S 1126 | 4  | 500  |
| 2 | 300  | N 804  | 5     | 21     | 2 | 1100 | S 1216 | 6  | 135  |
| 3 | 250  | N 478  | 4     | 5      | 3 | 1150 | S 1464 | 10 | 65   |
| 4 | 200  | N 517  | 4     | 2.7    | 4 | 1200 | S 1487 | 10 | 33   |
| 1 | 250  | N 689  | 4     | 60     | 1 | 1150 | S 574  | 4  | 240  |
| 2 | 200  | N 367  | 6     | 8      | 2 | 1200 | S 861  | 8  | 90   |
| 3 | 150  | N 517  | 4     | 4.5    | 3 | 1250 | S 1196 | 10 | 50   |
| 4 | 100  | N 275  | NR    | 1.2    | 4 | 1300 | S 718  | 8  | 15   |
| 1 | 150  | N 430  | 5     | 30     | 1 | 1250 | S 574  | 7  | 150  |
| 2 | 100  | N 402  | 6     | 7      | 2 | 1300 | S 842  | 9  | 55   |
| 3 | 50   | N 215  | 6     | 1.5    | 3 | 1350 | S 574  | 7  | 15   |
| 4 | 0    | N 273  | NR    | .95    | 4 | 1400 | S 383  | 7  | 5    |
| 1 | 50   | N 459  | 4     | 24     | 1 | 1350 | S 689  | 7  | 150  |
| 2 | 0    | N 229  | 6     | 3      | 2 | 1400 | S 551  | 5  | 30   |
| 3 | 50   | S 344  | 6     | 1.5    | 3 | 1450 | S 413  | 5  | 9    |
| 4 | 100  | S 383  | NR    | 1      | 4 | 1500 | S 551  | 5  | 6    |



GEOLOGICAL BRANCH  
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Part 2 of 3



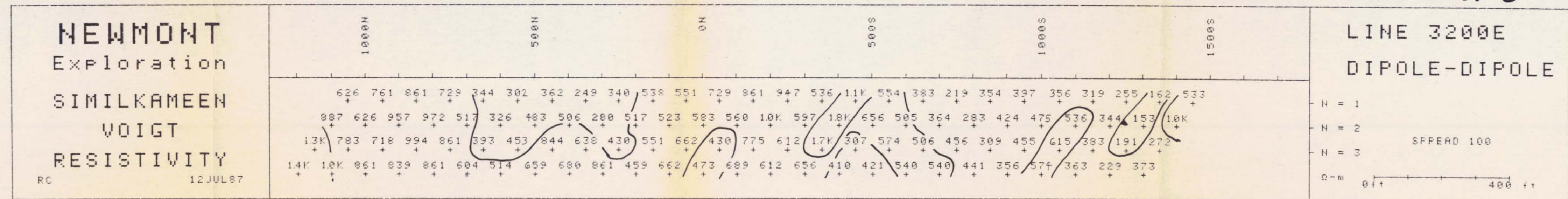
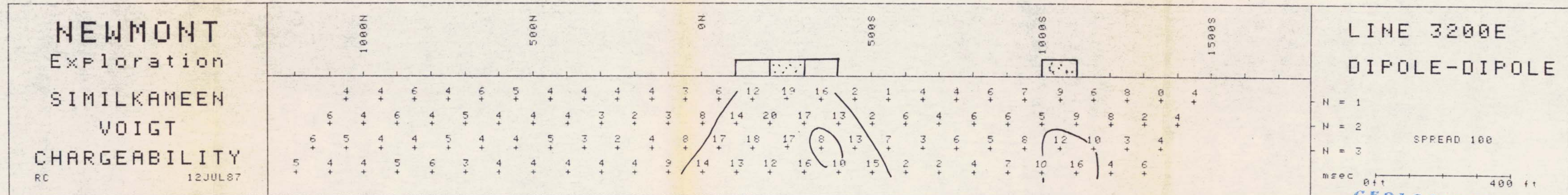


# RESULTS DIPOLE-DIPOLE IP SURVEY

SIMILKAMEEN  
VOIGT  
OPERATOR RC  
12JUL87  
DIPOLE SPREAD: 100  
LINE 3200E

| N    | AT   | RHO | CHRG | MVOLTS |
|------|------|-----|------|--------|
| 1450 | 533  | 4   | 65   |        |
| 1400 | 1034 | 4   | 37   |        |
| 1350 | 272  | 4   | 2.85 |        |
| 1300 | 373  | 6   | 1.05 |        |
| 1350 | 162  | 0   | 25.0 |        |
| 1300 | 153  | 0   | 6    |        |
| 1250 | 191  | 3   | 3    |        |
| 1200 | 229  | 4   | 1.8  |        |
| 1250 | 255  | 8   | 40   |        |
| 1200 | 344  | 8   | 13.5 |        |
| 1150 | 383  | 10  | 6    |        |
| 1100 | 363  | 16  | 2.85 |        |
| 1150 | 319  | 6   | 75   |        |
| 1100 | 536  | 9   | 31.5 |        |
| 1050 | 615  | 12  | 15   |        |
| 1000 | 574  | 10  | 7    |        |
| 1050 | 356  | 9   | 90   |        |
| 1000 | 475  | 5   | 30   |        |
| 950  | 455  | 8   | 11.5 |        |
| 900  | 356  | 7   | 4.5  |        |
| 950  | 397  | 7   | 90   |        |
| 900  | 424  | 6   | 24   |        |
| 850  | 309  | 5   | 7    |        |
| 800  | 441  | 4   | 5    |        |
| 850  | 354  | 6   | 105  |        |
| 800  | 283  | 6   | 21   |        |
| 750  | 456  | 6   | 13.5 |        |
| 700  | 540  | 12  | 0    |        |
| 750  | 219  | 4   | 65   |        |
| 700  | 364  | 4   | 27   |        |
| 650  | 506  | 3   | 15   |        |
| 600  | 540  | 2   | 0    |        |
| 650  | 383  | 4   | 100  |        |
| 600  | 505  | 4   | 33   |        |
| 550  | 574  | 7   | 15   |        |
| 500  | 421  | 15  | 5.5  |        |
| 550  | 554  | 1   | 135  |        |
| 500  | 656  | 2   | 40   |        |
| 450  | 307  | 13  | 7.5  |        |
| 400  | 410  | 10  | 5    |        |
| 450  | 1100 | 2   | 135  |        |
| 400  | 1805 | 13  | 55   |        |
| 350  | 1723 | 8   | 21   |        |
| 300  | 656  | 16  | 4    |        |
| 350  | 536  | 16  | 70   |        |
| 300  | 597  | 17  | 19.5 |        |
| 250  | 612  | 17  | 0    |        |
| 200  | 612  | 12  | 4    |        |
| 250  | 947  | 19  | 165  |        |
| 200  | 1034 | 20  | 45   |        |
| 150  | 775  | 18  | 13.5 |        |
| 100  | 639  | 13  | 6    |        |

|    |      |   |      |      |      |
|----|------|---|------|------|------|
| 1  | 150  | S | 361  | 12   | 120  |
| 2  | 100  | S | 560  | 14   | 19.5 |
| 3  | 50   | S | 430  | 17   | 6    |
| 4  | 50   | N | 473  | 14   | 3.3  |
| 5  | 50   | S | 729  | 16.5 |      |
| 6  | 50   | N | 583  | 33   |      |
| 7  | 50   | N | 662  | 15   |      |
| 8  | 100  | N | 662  | 9    | 7.5  |
| 9  | 50   | N | 551  | 3    | 120  |
| 10 | 100  | N | 523  | 3    | 28.5 |
| 11 | 150  | N | 551  | 4    | 12   |
| 12 | 200  | N | 459  | 4    | 5    |
| 13 | 150  | N | 538  | 4    | 75   |
| 14 | 200  | N | 517  | 2    | 18   |
| 15 | 250  | N | 430  | 2    | 6    |
| 16 | 300  | N | 861  | 4    | 6    |
| 17 | 250  | N | 340  | 4    | 80   |
| 18 | 300  | N | 280  | 3    | 16.5 |
| 19 | 350  | N | 638  | 4    | 15   |
| 20 | 400  | N | 680  | 4    | 0    |
| 21 | 350  | N | 249  | 4    | 150  |
| 22 | 400  | N | 506  | 4    | 75   |
| 23 | 450  | N | 844  | 5    | 50   |
| 24 | 500  | N | 659  | 4    | 19.5 |
| 25 | 450  | N | 362  | 4    | 120  |
| 26 | 500  | N | 453  | 4    | 40   |
| 27 | 550  | N | 453  | 4    | 15   |
| 28 | 600  | N | 514  | 4    | 0.5  |
| 29 | 550  | N | 302  | 5    | 50   |
| 30 | 600  | N | 326  | 4    | 13.5 |
| 31 | 650  | N | 393  | 4    | 6.5  |
| 32 | 700  | N | 604  | 3    | 50   |
| 33 | 650  | N | 344  | 6    | 60   |
| 34 | 700  | N | 517  | 5    | 22.5 |
| 35 | 750  | N | 861  | 5    | 15   |
| 36 | 800  | N | 861  | 6    | 7.5  |
| 37 | 750  | N | 729  | 4    | 16.5 |
| 38 | 800  | N | 972  | 4    | 55   |
| 39 | 850  | N | 994  | 5    | 22.5 |
| 40 | 900  | N | 839  | 5    | 9.5  |
| 41 | 850  | N | 861  | 6    | 180  |
| 42 | 900  | N | 957  | 6    | 50   |
| 43 | 950  | N | 718  | 4    | 15   |
| 44 | 1000 | N | 861  | 4    | 9    |
| 45 | 950  | N | 761  | 4    | 205  |
| 46 | 1000 | N | 626  | 4    | 60   |
| 47 | 1050 | N | 783  | 5    | 30   |
| 48 | 1100 | N | 1096 | 4    | 21   |
| 49 | 1050 | N | 626  | 4    | 240  |
| 50 | 1100 | N | 387  | 6    | 85   |
| 51 | 1150 | N | 1305 | 6    | 50   |
| 52 | 1200 | N | 1410 | 6    | 27   |



GEOLOGICAL BRANCH  
ASSESSMENT REPORT

16,745  
Part 2 of 3