



# Bergvesenet

Postboks 3021, N-7441 Trondheim

## Rapportarkivet

|                                                                                                                                                      |                          |                                    |                                                                                  |                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------|----------------------------------------------------------------------------------|---------------------|
| Bergvesenet rapport nr<br><b>5779</b>                                                                                                                | Intern Journal nr        | Internt arkiv nr                   | Rapport lokalisering                                                             | Gradering           |
| Kommer fra Larkiv<br>Elkem Skorovas AS                                                                                                               | Ekstern rapport nr       | Oversendt fra                      | Fortrolig pga                                                                    | Fortrolig fra dato  |
| Tittel<br><b>Koordinatfortegnelser, fastmerker - Rødsand gruber</b>                                                                                  |                          |                                    |                                                                                  |                     |
| Forfatter                                                                                                                                            |                          | Dato    År<br><input type="text"/> | Bedrift (oppdragsgiver og/eller oppdragstaker)<br>A/S Rødsand Gruber             |                     |
| Kommune<br>Neset                                                                                                                                     | Fylke<br>Møre og Romsdal | Bergdistrikt                       | 1: 50 000 kartblad<br>13201                                                      | 1: 250 000 kartblad |
| Fagområde<br>Oppmåling                                                                                                                               |                          | Dokument type                      | Forekomster (forekomst, gruvefelt, undersøkelsesfelt)<br>Rausand (Rødsand) Grube |                     |
| Råstoffgruppe<br>Malm/metall                                                                                                                         |                          | Råstofftype<br>Fe, Ti, V           |                                                                                  |                     |
| Sammendrag, innholdsfortegnelse eller innholdsbeskrivelse<br>Permen inneholder skjema med basis-punkter for grubemalingen på diverse nivåer/etasjer. |                          |                                    |                                                                                  |                     |

Basis-punkter for grubemålingen

| FM nr | X        | Y       | Z        | P                        | Anm |
|-------|----------|---------|----------|--------------------------|-----|
| I     | 876,884  | 550,290 | 7,631    | $R_{V_{I-I}} = 41,2960$  |     |
| II    | 881,380  | 538,526 | 7,266    |                          |     |
| I     | 829,219  | 554,595 | -37,378  | $R_{V_{I-II}} = 361,644$ |     |
| II    | 835,049  | 550,531 | -37,473  |                          |     |
| I     | 823,152  | 543,439 | -96,555  | $R_{V_{I-I}} = 24,475$   |     |
| II    | 834,404  | 547,915 | -96,407  |                          |     |
| I     | 820,423  | 547,762 | -146,627 | $R_{V_{I-I}} = 27,805$   |     |
| I     | 841,126  | 552,657 | -147,805 |                          |     |
| A     | 838,129  | 621,877 | -95,929  | $R_{V_{B-C}} = 98,0504$  |     |
| B     | 839,089  | 641,466 | -95,488  |                          |     |
| C     | 839,757  | 663,272 | -95,936  |                          |     |
| D     | 1225,859 | 774,187 | -92,835  |                          |     |
| E     | 1225,115 | 798,409 | -92,216  | $R_{E-I} = 100,982$      |     |
| F     | 1224,746 | 822,305 | -91,967  |                          |     |
| A     | 1124,121 | 826,198 | -144,255 | $R_{V_{A-B}} = 96,395$   |     |
| B     | 1125,398 | 848,555 | -143,898 |                          |     |
| C     | 1125,075 | 868,851 | -143,943 | $R_{V_{B-C}} = 101,012$  |     |
| D     | 851,601  | 945,593 | -145,719 |                          |     |
| E     | 848,523  | 920,278 | -145,714 | $R_{V_{A-E}} = 292,321$  |     |
| F     | 850,402  | 910,030 | -145,537 |                          |     |
| G     | 850,385  | 667,105 | -147,120 | $R_{V_{B-F}} = 297,855$  |     |
| H     | 849,143  | 686,620 | -146,918 |                          |     |



# Diverse nivåer

| FM nr | X        | Y        | Z         | Malin | Anm.                        |
|-------|----------|----------|-----------|-------|-----------------------------|
| 1     | 661, 206 | 664.244  | + 31, 351 | H)    | for måling, i pukk-stosee   |
| 2     | 670.298  | 652, 587 | + 37, 566 | "     | _____                       |
| 3     |          |          |           |       | avst. 1-3 målt med tachymet |



Etg + 152

| FMnr. | x        | y       | z       | Malin | Ann                |
|-------|----------|---------|---------|-------|--------------------|
| 10    |          |         |         |       | R <sub>10-11</sub> |
| 11    |          |         |         |       |                    |
| 12    |          |         |         |       |                    |
| 13-17 |          |         |         |       |                    |
| 1     | 1225,844 | 932,972 | 154,253 | Z     | tidl. benev. 2     |
| 2     | 1236,802 | 932,857 | 154,462 | "     | " " 12             |

# Etg + 101

| FM nr | X        | Y       | Z       | Malm | Ann. |
|-------|----------|---------|---------|------|------|
| 1     | 1052,655 | 872,420 | 105,103 | Z50  |      |
| 2     | 1069,203 | 888,726 | 105,362 | "    |      |
| 3     | 1082,938 | 901,410 | 105,862 | "    |      |
| 4     | 1090,919 | 902,858 | 105,238 | "    |      |
| 5     | 1103,108 | 909,666 | 105,828 | "    |      |
| 6     | 1106,839 | 902,738 | -       | "    |      |
| 7     | 1121,128 | 902,879 | 105,260 | "    |      |
| 8     | 1159,048 | 895,545 | 106,043 | "    |      |
| 9     | 1173,600 | 889,692 | 106,144 | "    |      |
| 10    | 1204,379 | 885,806 | 106,222 | "    |      |

Eq. + 40

| FM nr                      | x                   | y                  | z                | Malm         | Ann.                                       |
|----------------------------|---------------------|--------------------|------------------|--------------|--------------------------------------------|
| 1                          | 1379,086            | 871,067            | 48,146           | $\Sigma_H$   |                                            |
| 2                          | 1371,521            | 871,938            | 48,691           | "            | $R_{2-1} = 392,7023$                       |
| 3                          | 1377,246            | 857,976            | 48.90            | "            |                                            |
| 4 <sub>out</sub>           | 1350,753            | 858,185            | 49.53            | "            | $R_{3-4} = 199,499$<br>Banskated my pul mm |
| <del>5<sub>int</sub></del> | <del>1390,910</del> | <del>860,964</del> | <del>49.84</del> | <del>"</del> | <del><math>R_{3-5} = 12,707</math></del>   |
| 5 <sub>int</sub>           | 1390.573            | 859.788            | 49.107           | "            | $R_{3-5} = 8,602$                          |



Eq + 4

| FM nr | X        | Y       | Z      | Malum           | Ann.                                      |
|-------|----------|---------|--------|-----------------|-------------------------------------------|
| 1     | 873,098  | 998,787 | 10.687 | Z               | (Stollmann's) $P_{4-3} = 321,426$         |
| 3     | 916,736  | 985,631 | 11.129 | "               |                                           |
| 7     | 1016.458 | 955,280 | 12.438 | "               |                                           |
| 8     | 1045,937 | 948,767 | 12.401 | "               |                                           |
| 9     | 1073,546 | 942.000 | 13.267 | "               |                                           |
| 10    | 1093,910 | 943,609 | 13.288 | "               |                                           |
| 11    | 1118.527 | 932,442 | 13.805 | "               |                                           |
| 12    | 1143,375 | 928,927 | 14.140 | "               |                                           |
| 13    | 1167.826 | 925.440 | 14.371 | "               |                                           |
| 30    | 1265.340 | 892.405 | 15.06  | "               | before see in sign answer ring            |
| 34    | 1252,566 | 877.054 | 15.521 | "               |                                           |
| 36    | 1387.492 | 872,925 | 15.628 | "               | $R_{V_{24-36}} = R_{V_{21-40}} = 390,974$ |
| 40    | 1376.054 | 873,701 | 15.706 | "               | is key: see in the Z <sub>SV</sub>        |
| 41    | 1387,158 | 864,673 | 16.319 | "               |                                           |
| 42    | 1382.156 | 860,551 | 16.253 | Z <sub>SV</sub> |                                           |
| 43    | 1390.364 | 835.952 | 16.319 | "               |                                           |
| 44    | 1385.625 | 844.094 | 15.835 | "               |                                           |
| 45    | 1392.131 | 842.642 | 15.687 | "               |                                           |
| 46    | 1422.022 | 835.765 | 16.429 | "               |                                           |
| 50    | 1382.932 | 856.454 | 15.945 | "               | freq. sink +                              |
| 51    | 1392.689 | 851.524 | 16.273 | "               |                                           |
| 52    | 1428.915 | 847.974 | 15.834 | "               |                                           |
| 53    | 1462.866 | 843.345 | 16.066 | "               |                                           |
| 54    | 1507.013 | 844.039 | 16.451 | "               |                                           |

Etg + 4

| FM nr | X       | Y       | Z       | Malm    | Anm.                               |
|-------|---------|---------|---------|---------|------------------------------------|
| III   | 711,673 | 675,951 | + 8.948 | P.sjakt | $R_{V_{\bar{u}}-\bar{u}} = 90.406$ |
| IV    | 718,582 | 721,450 | + 9.985 | do + H  |                                    |

$$Etg. \div 10$$

[illegible]

Etg - 40

| FM nr | X       | Y       | Z       | Malm      | Ann.                    |
|-------|---------|---------|---------|-----------|-------------------------|
| 7     | 845.271 | 559.032 | -37.085 |           | in "Boudgott" Plutonium |
| 8     | 846.030 | 597.873 | -26.972 |           | do.                     |
| 41    | 857.323 | 700.110 | -35.613 | 20!       |                         |
| 50    | 874.104 | 692.692 | -35.342 | "         |                         |
| 51    | 896.876 | 687.955 | -35.282 | "         |                         |
| 53    | 948.832 | 694.226 | -34.508 | "         |                         |
| 54    | 981.887 | 701.871 | -34.225 | "         |                         |
| 37    | 832.454 | 707.524 | -35.921 | "         |                         |
| 60    | 811.462 | 711.596 | -35.431 | "         |                         |
| 61    | 788.317 | 723.052 | -35.096 | 0         |                         |
| 62    | 754.371 | 726.140 | -34.791 | "         |                         |
| 63    | 724.252 | 745.584 | -34.592 | "         |                         |
| 64    | 724.906 | 742.232 | -34.219 | "         | in "Boudgott" Plutonium |
| 66    | 716.913 | 733.582 | -33.803 | P. Sp. 10 |                         |
| 68    | 710.301 | 727.017 | -34.013 | "         |                         |
| 50    | 792.022 | 726.052 | -35.265 | 0         |                         |
| 31    | 836.077 | 724.223 | -35.522 | "         |                         |
| 32    | 860.772 | 721.192 | -35.477 | "         |                         |
| 33    | 885.327 | 712.212 | -35.156 | "         |                         |
| 40    | 801.524 | 533.216 | -26.671 | 0!        |                         |
| 41    | 758.419 | 543.347 | -35.509 | "         |                         |
| 29    | 737.042 | 539.920 | -37.065 | "         |                         |
| 38    | 742.298 | 541.733 | -       | "         |                         |
| 33    | 708.167 | 539.269 | -26.623 | "         |                         |

E 19 - 40

| FM no | x       | y       | z      | Value | Sum |
|-------|---------|---------|--------|-------|-----|
| 45    | 712,041 | 538,209 | 36,245 | \$    |     |
| 46    | 696,033 | 538,772 | 35,769 | "     |     |
| 47    | 686,391 | 540,803 | 36,294 | "     |     |
| 48    | 678,426 | 550,863 | 35,778 | "     |     |
| 49    | 672,342 | 588,545 | 35,242 | "     |     |
| 50    | 668,852 | 627,559 | 35,617 | "     |     |
| 51    | 663,538 | 667,640 | 35,313 | "     |     |
| 70    | 802,180 | 715,237 | 35,301 | D     |     |
| 71    | 792,631 | 689,329 | 34,786 | ---   |     |
| 72    | 845,298 | 669,382 | 35,613 | ---   |     |
| 73    | 801,036 | 677,702 | 34,634 | ---   |     |

# Etq.-50

| FM nr | x        | y       | z       | Malm | Ann.                  |
|-------|----------|---------|---------|------|-----------------------|
| 1     | 1149,398 | 900,106 | 39,185  | Z    |                       |
| 2     | 1153,289 | 899,431 | -39,103 | Z    | $P_0 Z - 1 = 189,071$ |
| 3     | 1149,321 | 892,073 | -38,979 | '    |                       |
| 4     | 1112,194 | 917,776 | 38,751  | '    | oct-over              |
| 5     | 1190,846 | 885,777 | 39,116  | '    |                       |
| 6     | 1226,356 | 878,902 | 37,776  | '    |                       |
| 7     | 1226,754 | 874,373 | 33,928  | '    |                       |
| 7     | 1271,419 | 877,277 | 37,212  | '    |                       |
| 5a    | 1073,007 | 932,805 | -37,208 | Z    | oct-over.             |
| 6a    | 1048,922 | 927,080 | -37,046 | '    |                       |

# Etg - 100

| FMnr | X                     | Y                        | Z                    | Malin               | Anm.                               |
|------|-----------------------|--------------------------|----------------------|---------------------|------------------------------------|
| 1    | 887,470               | 690,555                  | 95,513               | ?                   | mac, 4 ? $R_{v_{1-24}} = 32,873$   |
| 7    | 834,605               | 549,615                  | 96,903               | $\frac{1}{2}$ pader |                                    |
| 11   | 743,504               | 555,059                  | 95,896               | Ø                   |                                    |
| 12   | 718,182               | 558,710                  | 95,798               | Ø                   |                                    |
| 14   | 666,469               | 545,065                  | 95,297               | Ø                   |                                    |
| 15   | 650,884               | 545,582                  | 95,321               | Ø                   |                                    |
| 24   | 840,673               | 667,396                  | 96,575               | ?                   | mac, 4 ? $R_{v_{26-24}} = 233,294$ |
| 26   | 873,404               | 686,334                  | 95,612               | ?                   | - - - $R_{v_{26-1}} = 220,693$     |
| 30   | 956,600               | 712,218                  |                      |                     |                                    |
| 31   | 925,536 <sup>67</sup> | 712,944 <sup>3,005</sup> | 95,579 <sup>75</sup> | 0                   |                                    |
| 37   | 1115,671              | 730,894                  | 92,916               |                     |                                    |
| 38   | 1146,951              | 732,081                  | 93,859               |                     |                                    |
| 45   | 1225,520              | 771,296                  | 93,034               |                     | (75)                               |
| 46   | 1224,658              | 810,605                  | 92,716               |                     | (76)                               |
| 50   | 839,992               | 710,477                  | 95,727               | 0                   |                                    |
| 53   | 798,916               | 729,697                  | 95,831               | "                   |                                    |
| 54   | 776,154               | 737,800                  | 95,806               | "                   |                                    |
| 55   | 748,105               | 745,561                  | 95,794               | "                   |                                    |
| 56   | 744,141               | 744,682                  | 95,270               | "                   |                                    |
| 57   | 734,210               | 742,708                  | 95,258               | "                   |                                    |
| 58   | 737,216               | 745,055                  |                      | "                   | retm. plug,                        |
| 59   | 714,118               | 726,968                  | 95,147               | "                   |                                    |
| 60   | 717,147               | 727,819                  | 95,728               | "                   | retm. plug,                        |
| 61   | 710,287               | 726,128                  | 95,341               | "                   |                                    |
| 62   | 709,570               | 724,152                  |                      | "                   |                                    |
| 80   | 865,248               | 733,900                  | 95,387               |                     |                                    |
| 87   | 881,331               | 738,858                  | 94,825               | 0                   |                                    |

# Eto - 100

| FM nr | X                                  | Y                                 | Z                                | Malin             | Ann.                               |
|-------|------------------------------------|-----------------------------------|----------------------------------|-------------------|------------------------------------|
| 82    | 914,227                            | 735,829                           | 95,312                           | 0                 |                                    |
| 101   | 834,627                            | 725,008                           | 95,646                           | 0                 |                                    |
| 61    | 916,143                            | 596,241                           | 96,612                           | K <sub>vert</sub> |                                    |
| 70    | 929,318                            | 615,192                           | 96,133                           | "                 |                                    |
| 71    | 921,715                            | 615,007                           | 96,263                           | "                 |                                    |
| 72    | 899,447                            | 614,702                           | 95,235                           | "                 |                                    |
| 2     | 1170,887                           | 893,943                           | 75,101                           | Z                 | for nos 2/3, to cl. 5              |
| 3     | 1152,475                           | 897,786                           | 58,566                           | "                 |                                    |
| 4     | 1145,658                           | 897,702                           | 58,804                           | "                 |                                    |
| 1     | 1234,033                           | 825,979                           | 92,403                           | Z <sub>vert</sub> |                                    |
| 2     | 1259,849                           | 822,417                           | 92,477                           | ---               |                                    |
| 3     | 1267,387                           | 824,112                           |                                  | ---               |                                    |
| 4     | 1285,947                           | 828,283                           | 91,800                           | ---               |                                    |
| 5     | 1299,478                           | 832,290                           | 91,634                           | Z <sub>vert</sub> |                                    |
| 6     | 1326,382                           | 840,176                           | 91,542                           | ---               |                                    |
| 83    | 1324,343                           | 850,710                           |                                  |                   |                                    |
| 84    | 1347,8 <sup>82</sup> <del>96</del> | 858,7 <sup>18</sup> <del>27</del> | 91,5 <sup>85</sup> <del>50</del> | Z <sub>vert</sub> | assigned points as general mileage |
| 85    | 1370,122                           | 864,294                           |                                  | "                 | ---                                |
| 86    | 1383,115                           | 865,441                           |                                  | "                 | ---                                |
| 87    | 1410,567                           | 860,845                           |                                  | "                 | ---                                |
| 88    | 1437,845                           | 856,415                           |                                  | "                 | ---                                |
| 89    | 1458,0 <sup>85</sup> <del>26</del> | 854,447                           |                                  | "                 | ---                                |
| 90    | 1489,082                           | 853,078                           |                                  | "                 | ---                                |
| 91    | 1506,278                           | 854,573                           |                                  | "                 | ---                                |
| 92    | 1523,164                           | 851,220                           |                                  | "                 | ---                                |
| 93    | 1550,042                           | 851,723                           |                                  | Z <sub>vert</sub> | ---                                |



Etg. - 100

| FM nr | x        | y       | z                     | Malin             | Ann.       |
|-------|----------|---------|-----------------------|-------------------|------------|
| 94    | 1591,885 | 848,588 | -90,494 <sup>?</sup>  | Z <sub>vest</sub> | ---        |
| 92    | 1203,629 | 858,027 | 92,174 <sup>117</sup> | Z                 |            |
| 93    | 1190,736 | 873,326 | 91,434                | '                 |            |
| 94    | 1174,545 | 890,921 | 91,542                |                   |            |
| 104   | 891,442  | 960,197 | 90,194                | Z <sub>0</sub>    |            |
| 105   | 873,034  | 962,932 | 90,232                | '                 |            |
| 106   | 832,851  | 964,669 | 90,250                | '                 |            |
| 107   | 795,068  | 972,217 | 89,959                | '                 |            |
| 110   | 1149,187 | 892,261 | 91,391                |                   | south east |
| 111   | 1119,513 | 894,678 | 91,421                |                   |            |
| 112   | 1093,367 | 897,120 | 91,595                |                   |            |
| 113   | 1083,952 | 897,844 | 91,538                |                   |            |
| 116   | 1038,421 | 905,442 | 91,020                |                   |            |
| 117   | 1021,237 | 911,650 | 91,100                |                   |            |
| 118   | 974,698  | 927,853 | 90,750                |                   |            |
| 119   | 943,806  | 950,480 | 90,511                |                   |            |
| 120   | 914,295  | 956,142 | 90,236                |                   |            |
| 94    | 1174,545 | 890,921 | 91,599                | Z                 |            |
| 200   | 1182,312 | 889,674 | 91,901                | '                 |            |
| 201   | 1204,514 | 886,283 | 91,784                | '                 |            |
| 202   | 1231,600 | 881,834 | 91,277                | '                 |            |
| 203   | 1243,877 | 882,473 | 91,365                | '                 |            |

Etg. - 100

| FM nr | x        | y       | z       | Malm            | Ann.                                         |
|-------|----------|---------|---------|-----------------|----------------------------------------------|
| 150   | 1000,240 | 919,363 | -90,686 | Z <sub>50</sub> | R <sub>150-151</sub> = 224.700               |
| 151   | 987,945  | 911,886 | -90,420 | "               |                                              |
| 152   | 957,766  | 897,669 | -90,634 | "               |                                              |
| 153   | 931,243  | 900,557 | -90,286 | "               |                                              |
| 154   | 911,847  | 901,138 | -90,114 | "               |                                              |
| 155   | 885,606  | 902,578 | -89,996 | "               |                                              |
| 156   | 857,643  | 902,590 | -90,057 | "               |                                              |
| 157   | 827,070  | 907,876 | -       | "               |                                              |
| 158   | 797.993  | 914,237 | -       | "               |                                              |
| 159   | 864,618  | 912,648 | -       | "               | R <sub>155-159</sub> = 171.522 (tr.p. shell) |
| 50    | 698.765  | 610,857 | -95.112 | ~N              |                                              |
| 52    | 674,898  | 600.668 | -95.004 | N               |                                              |
| 60    | 712,680  | 632.129 | -95.504 | H               |                                              |
| 61    | 679,386  | 622,021 | -95.031 | "               |                                              |
| 62    | 662,427  | 624,398 | -95.207 | "               |                                              |
| 63    | 648,525  | 636,312 | -95.124 | "               |                                              |
| 64    | 634,559  | 663.71  | -94.788 | "               |                                              |
| 65    | 632.475  | 681.711 | -94.811 | "               |                                              |
| 70    | 724.764  | 750.766 | -95.737 | "               |                                              |
| 71    | 709.782  | 746.794 | -95.801 | "               |                                              |
| 72    | 682,452  | 728.019 | -95.518 | "               |                                              |
| 73    | 641.327  | 698,482 | -95.218 | "               |                                              |

Etq. - 100

| FM nr | x        | y       | z      | Malm | anm.                                    |
|-------|----------|---------|--------|------|-----------------------------------------|
| 16    | 733.804  | 556.487 | 95.965 | Ø    | Gjennomsnittstall for<br>Ø til H.       |
| 17    | 719.926  | 568.032 | 95.800 |      |                                         |
| 18    | 704.726  | 580.677 | 95.798 |      |                                         |
| 19    | 686.799  | 595.626 | 95.544 |      |                                         |
| 20    | 680.09   | 602.757 |        |      |                                         |
| 21    | 668.840  | 613.873 | 95.501 |      |                                         |
| 73    | 955.213  | 612.408 | 95.950 |      |                                         |
| 74    | 966.895  | 611.149 | 95.800 |      | Gjennomsnittstall for<br>K. Vert til D. |
| 75    | 978.574  | 614.885 | 95.717 |      |                                         |
| 76    | 991.986  | 627.102 | 95.510 |      |                                         |
| 77    | 1006.805 | 647.320 | 95.130 |      |                                         |
| 78    | 1016.327 | 660.311 | 94.874 |      |                                         |
| 79    | 1031.600 | 681.149 | 95.008 |      |                                         |
| 80    | 1047.533 | 702.887 | 94.707 |      |                                         |
| 81    | 868.025  | 612.704 | 95.573 |      |                                         |
| 82    | 857.620  | 612.102 | 96.694 |      |                                         |

Etg - 150

| FM nr | X                         | Y                         | Z                         | Malen | Anm.        |
|-------|---------------------------|---------------------------|---------------------------|-------|-------------|
| 2     | 881,169                   | 715,290                   | 147,099                   | D-O   |             |
| 4     | 946, <sup>726</sup> 819   | 604,5 <sup>11</sup> 20    | 147, <sup>315</sup> 272   | K     |             |
| 5     | 974, <sup>190</sup> 230   | 605, <sup>201</sup> 210   | 147,28 <sup>4</sup> 7     | K     |             |
| 9     |                           |                           |                           |       |             |
| 14    | 847, <sup>2,459</sup> 845 | 573, <sup>2,925</sup> 091 | 147, <sup>5,139</sup> 229 |       |             |
| 15    | 842, <sup>3,865</sup> 908 | 555, <sup>596</sup> 223   | 145,718                   |       |             |
| 24    | 737,517                   | 566,652                   |                           | Ø     |             |
| 25    | 719,613                   | 570,939                   | 146,208                   | Ø     |             |
| 26    | 699,832                   | 569,229                   |                           | Ø     |             |
| 46    | 773,830                   | 659,631                   | 147.074                   | D-H.  |             |
| 47    | 747,827                   | 655,823                   | 147,300                   | D-N   |             |
| 50    | 732,039                   | 645,254                   | 147,169                   | N     |             |
| 51    | 719,826                   | 633,390                   | 146,722                   | N     |             |
| 52    | 695,012                   | 627,426                   | 146,875                   | N     |             |
| 53    | 659,102                   | 628,695                   | 146,426                   | N     |             |
| 54    |                           |                           |                           | N     |             |
| 55    | 635,419                   | 641,567                   |                           | N     |             |
| 56    | 632,462                   | 642,554                   |                           | N     |             |
| 60    | 732,047                   | 657,401                   | 147,223                   | H     |             |
| 61    | 731,157                   | 659,516                   | 146,987                   | H     |             |
| 62    | 733,511                   | 656,932                   |                           | H     | retm. plugg |
| 63    | 719,071                   | 672,990                   | 146,708                   | H     |             |
| 64    | 719,551                   | 670,372                   |                           | H     | retm. plugg |
| 65    | 714,679                   | 650,645                   | 146,831                   | H     |             |
| 66    | 717,640                   | 676,162                   |                           | H     | retm. plugg |
| 67    | 717,826                   | 702,460                   | 146,402                   | H     |             |
| 68    | 702,982                   | 726,132                   | 146,210                   | H     |             |

Etg - 150

| FM nr | X                                | Y                             | Z                             | Malm           | Ann.         |
|-------|----------------------------------|-------------------------------|-------------------------------|----------------|--------------|
| 70    | 714,195<br>698,361               | 719,442<br>684,407            | 146,606                       | H              | relm - 199,9 |
| 71    | 660,953                          | 687,704                       | 146,235                       | H              |              |
| 72    | 635,077                          | 690,435                       | 146,018                       | H              |              |
| 51    | 833,067 <sup>042</sup><br>71,645 | 967,141 <sup>0</sup><br>5,644 | 145,417 <sup>392</sup><br>778 | Z <sub>∞</sub> |              |
| 52    | 875,058                          | 972,041                       | 143,448                       | Z              |              |
| 56    | 1023,820                         | 734,558                       | 147,009                       |                |              |
| 57    | 1048,415                         | 742,600                       | 146,176                       |                |              |
| 72    | 1283,370                         | 869,613                       | 143,467                       |                |              |
| 73    | 1295,776                         | 872,639                       |                               |                |              |
| 80    | 1109,942                         | 855,179                       | 144,138                       | Z              |              |
| 81    | 1096,892                         | 860,772                       | 144,061                       | Z              |              |
| 82    | 1068,678                         | 872,190                       | 143,926                       |                |              |
| 83    | 1034,075                         | 869,684                       | 143,820                       |                |              |
| 84    | 1001,891                         | 872,537                       | 144,949                       |                |              |
| 97    | 926,072                          | 931,023                       |                               |                |              |
| 101   | 1018,509 <sup>6</sup>            | 919,534 <sup>24</sup>         | 144,760                       |                |              |
| 102   | 1050,710 <sup>9</sup>            | 916,492                       | 144,680 <sup>77</sup>         | Z              |              |
| 104   | 1083,517                         | 913,451                       | 144,376                       | Z              |              |
| 105   | 1106,415                         | 911,332                       | 143,858                       | Z              |              |
| 106   | 1135,922                         | 908,690                       | 143,910                       | Z              |              |
| 108   | 863,259                          | 949,885                       | 145,405                       | Z              |              |
| 109   | 878,658                          | 943,569                       | 145,474                       | Z              |              |
| 99    | 968,867                          | 923,985                       | 144,762                       | Z              |              |
| 16    | 828,903                          | 551,113                       | 147,455                       |                |              |
| 50    | 849,832                          | 731,773                       | 146,921                       | O              |              |
| 51    | 825,475                          | 748,645                       | 147,275                       | O              |              |
| 52    | 873,642                          | 750,737                       | 147,538                       | O              |              |

Etg - 150

| FM nr | X        | Y       | Z       | Malin           | Quin |
|-------|----------|---------|---------|-----------------|------|
| 200   | 849,037  | 622,029 | 147,401 | K               |      |
| 201   | 851,750  | 624,800 |         | K               |      |
| 206   | 907,401  | 628,547 | 147,154 | K               |      |
| 207   | 926,704  | 621,192 | 147,061 | K               |      |
| 208   | 941,140  | 618,146 | 147,209 | K               |      |
| 250   | 858,911  | 622,274 | 147,329 | K               |      |
| 252   | 888,307  | 623,507 | 147,357 | K               |      |
| 253   | 893,273  | 621,615 |         | K               |      |
| 254   | 920,637  | 610,862 | 147,056 | K               |      |
| 202   | 862,458  | 635,850 | 147,514 | K               |      |
| 204   | 878,264  | 638,970 | 147,429 | K               |      |
| 86    | 794,347  | 924,154 | 145,322 | Z <sub>50</sub> |      |
| 87    | 757,654  | 926,262 | 145,519 | "               |      |
| 88    | 726,746  | 941,668 | 145,462 | "               |      |
| 150   | 848,136  | 892,128 |         | "               |      |
| 151   | 839,278  | 905,562 |         | "               |      |
| 152   | 825,515  | 913,931 |         | "               |      |
| 50    | 1116,848 | 838,435 | 144,121 | Z S.V.          |      |
| 51    | 1102,556 | 846,006 | 144,137 | "               |      |
| 52    | 1094,374 | 846,918 |         | "               |      |
| 53    | 1070,606 | 856,653 | 143,889 | "               |      |
| 54    | 1056,991 | 856,671 | 143,797 | "               |      |
| 55    | 1028,02  | 856,617 |         | "               |      |
| 72    | 1283,370 | 869,613 | 143,467 | "               |      |
| 73    | 1295,776 | 872,638 | 143,750 | "               |      |
| 74    | 1342,872 | 869,221 | 143,464 | "               |      |



$$E19 \div 220$$

| FM nr | X       | Y       | Z       | M/m | Ann.                          |
|-------|---------|---------|---------|-----|-------------------------------|
| 1     |         |         |         |     | $R_{v,1-3} = 166,0881$        |
| 2     |         |         |         |     |                               |
| 3     | 919,099 | 623,708 | 215,791 |     |                               |
| 4     |         |         |         |     |                               |
| 5     |         |         |         |     |                               |
| 6     |         |         |         |     |                               |
| 7     |         |         |         |     |                               |
| 14    | 850.744 | 581.662 | 215.014 |     |                               |
| 15    | 826.626 | 564.773 | 214.819 |     |                               |
| 16    | 818.715 | 558.398 | 214.555 |     |                               |
| 17    |         |         |         |     |                               |
| 18    | 840.332 | 573.663 | 215.265 |     |                               |
| 19    |         |         |         |     |                               |
| 20    |         |         |         |     |                               |
| 21    |         |         |         |     |                               |
| 22    |         |         |         |     | $\psi = \text{probabilities}$ |
| 25    | 888.709 | 619.717 | 215,018 |     |                               |
| 26    |         |         |         |     |                               |
| 27    |         |         |         |     |                               |
| 28    | 851,013 | 647,519 | 214,929 |     |                               |
| 29    | 835,917 | 632,530 |         |     |                               |
| 30    | 815,576 | 602,925 |         |     |                               |
| 31    | 795,626 | 574,192 |         |     |                               |
| 32    | 768,527 | 546,254 |         |     |                               |
| 33    | 749,301 | 524,094 | 213,839 |     |                               |
| 34    |         |         |         |     |                               |



Eto<sub>2</sub> - 220

| FM nr | X       | Y       | Z        | Malin | aanw.                 |
|-------|---------|---------|----------|-------|-----------------------|
| 35    | 746,720 | 722,482 | 213,704  |       |                       |
| 36    |         |         |          |       |                       |
| 37    |         |         |          |       |                       |
| 38    | 708,272 | 720,310 | 212,806  |       |                       |
| 40    | 687,913 | 728,214 | 212.811  |       |                       |
| 41    | 640,687 | 728,998 | 212.505  |       |                       |
| 50    | 849.784 | 656,294 | -214.886 |       | in verslag, oet met Z |
| 51    | 849.668 | 689.822 | -214.704 |       | dito                  |
| 52    | 849.581 | 724.599 | 214.357  |       | - - -                 |
| 53    | 849.512 | 747.601 | 214.642  |       | - - -                 |
| 54    | 849.393 | 784.982 | 214.470  |       | - - -                 |
| 55    | 849.342 | 807.364 | 214.481  |       | - - -                 |
| 56    | 849.286 | 832.457 | 214.310  |       | - - -                 |
| 57    | 849.165 | 856.127 | 214.108  |       | - - -                 |
| 58    | 849.120 | 877.817 | 214.179  |       | - - -                 |
| 59    | 849.029 | 907.667 | 213.611  |       | - - -                 |
| 60    | 849.186 | 915.134 | 213.672  |       | - - -                 |
| 61    | 851.453 | 931.268 | 213.782  |       | - - -                 |
| 62    | 867.922 | 942.914 | 213.420  |       |                       |
| 63    | 901.522 | 942.397 | 212.444  |       |                       |
| 64    | 958.214 | 942.664 | 212.016  |       |                       |

E+g. -220.

| FM nr | x        | y       | z       | Malin         | Ann. |
|-------|----------|---------|---------|---------------|------|
| 80.   | 849.986  | 710.851 | 213.904 | D             |      |
| 81.   | 859.227  | 726.643 | 214.419 | "             |      |
| 82.   | 870.629  | 733.489 | 214.710 | "             |      |
| 83.   | 891.462  | 738.604 | 214.486 | "             |      |
| 84.   | 901.742  | 754.260 | 214.690 | "             |      |
| 85.   | 934.400  | 762.226 | 214.328 | "             |      |
| 86.   | 957.572  | 768.430 | 214.382 | "             |      |
| 87.   | 996.952  | 767.189 | 214.456 | "             |      |
| 88.   | 914.616  | 744.289 | 214.660 | "             |      |
| 89.   | 933.041  | 748.900 | 214.217 | "             |      |
| 90.   | 943.356  | 753.411 | 214.238 | "             |      |
| 91.   | 961.846  | 756.326 | 214.180 | "             |      |
| 92.   | 991.605  | 755.625 | 214.174 | "             |      |
| 93.   | 1009.546 | 760.326 | 213.947 | "             |      |
| 94.   | 1042.659 | 766.786 | 213.664 | "             |      |
| 95.   | 1050.531 | 778.734 | 213.418 | "             |      |
| 96.   | 1050.531 | 800.990 | 213.114 | "             |      |
| 97.   | 1050.531 | 823.845 | 212.865 | "             |      |
| 98.   | 780.449  | 708.853 | 213.691 | Vasshölz      |      |
| 99.   | 773.502  | 708.853 | 213.271 | - " -         |      |
| 100.  | 759.391  | 696.468 | 213.212 | - " -         |      |
| 101.  | 842.175  | 953.699 | 213.217 | £ Ost Feltort |      |
| 102.  | 828.881  | 959.110 | 213.307 | - " -         |      |
| 103.  | 796.487  | 957.952 | 213.121 | - " -         |      |

Etg. - 220

| FM nr | x       | y       | z       | Malm | Ann. |
|-------|---------|---------|---------|------|------|
| 150   | 808.455 | 551.599 | 214.311 | Ø    |      |
| 151   | 789.708 | 551.132 | 214.371 | "    |      |
| 152   | 765.094 | 557.530 | 213.997 | "    |      |
| 153   | 747.262 | 565.451 | 213.546 | "    |      |
| 154   | 725.808 | 582.791 | 213.337 | "    |      |
| 155   | 699.572 | 585.380 | 213.200 | "    |      |
| 156   | 664.845 | 584.746 | 213.260 | "    |      |
| 157   | 630.163 | 583.837 | 212.871 | "    |      |
| 158   | 732.460 | 577.443 | 213.484 | "    |      |
| 159   | 724.153 | 614.043 | 212.826 | "    |      |
| 160   | 710.100 | 628.333 | 212.818 | "    |      |

E.T. - 220.

| Station | X       | Y       | Z       | Height | Remarks |
|---------|---------|---------|---------|--------|---------|
| 200     | 860.785 | 671.691 | 215.085 | K      |         |
| 201     | 846.401 | 671.691 | 217.245 | K      |         |
| 202     | 898.443 | 671.691 | 215.099 | K      |         |
| 203     | 848.498 | 661.545 | 213.631 | S      |         |
| 204     | 859.206 | 669.924 |         | K      |         |
| 205     | 922.316 | 656.749 | 217.236 | S      |         |
| 300     | 841.364 | 746.234 |         | C      |         |
| 301     | 840.518 | 749.239 | 213.334 | D      |         |
| 302     | 822.622 | 762.316 | 213.371 | D      |         |
| 303     | 767.852 | 762.616 | 213.526 | D      |         |
| 304     | 826.933 | 762.739 | 213.102 | D      |         |
| 305     | 813.930 | 762.739 | 213.102 | L      |         |

L49 - 280.

| F/M on | X       | Y       | Z       | Notes   | Time                       |
|--------|---------|---------|---------|---------|----------------------------|
| I      | 707.122 | 722.696 |         |         | } R.v. 83.180 <sup>9</sup> |
| II     | 711.304 | 739.155 | 240.055 |         |                            |
| 1      | 744.107 | 742.660 | 240.689 | Havdell |                            |
| 2      | 768.344 | 726.444 | 241.284 | - " -   |                            |
| 3      | 792.093 | 706.335 | 240.535 | - " -   |                            |
| 4      | 815.470 | 686.822 | 240.716 | - " -   |                            |
| 5      | 839.891 | 661.967 | 240.108 | - " -   |                            |
| 6      | 751.945 | 762.109 | 241.124 | - " -   |                            |
| 7      | 752.313 | 776.274 |         | - " -   |                            |
| 7a     | 752.809 | 793.293 | 241.027 | - " -   |                            |
| 8      | 770.109 | 765.971 | 241.712 | Dring 0 |                            |
| 9      | 783.924 | 712.918 | 240.527 | Havdell |                            |
| 10     | 783.924 | 743.813 | 240.546 | Dring 1 |                            |
| 11     | 634.167 | 683.220 | 240.245 | Havdell |                            |
| 12     | 702.944 | 741.922 | 241.990 | - " -   |                            |
| 13     | 697.535 | 741.922 | 240.927 | - " -   |                            |
| 14     | 815.385 | 667.261 | 240.662 | - " -   |                            |
| 15     | 815.385 | 716.128 | 240.575 | Dring 2 |                            |
| 16     | 785.693 | 734.638 | 246.473 | Dring 1 |                            |
| 17     | 799.320 | 746.493 | 240.116 | - " -   |                            |
| 18     | 815.384 | 748.747 | 269.939 | Dring 2 | Skull lost.                |
| 19     | 843.588 | 693.724 | 270.141 | Dring 3 |                            |
| 20     | 868.703 | 683.213 | 270.363 | Havdell |                            |
| 21     | 843.597 | 727.574 | 270.263 | Dring 3 | Skull lost.                |
| 22     | 907.311 | 683.179 | 269.590 | Havdell |                            |
| 23     | 829.301 | 716.657 |         | Dring 2 | Skull lost                 |

E<sub>42</sub> - 280

| F.M. no. | X       | Y       | Z       | Notes          | Am. m. |
|----------|---------|---------|---------|----------------|--------|
| A.       | 817.547 | 707.234 | 270.561 |                |        |
| 24.      | 857.910 | 700.914 | 270.646 | Dmg 3          |        |
| 25.      | 865.293 | 680.989 | 270.187 | Headball       |        |
| 26.      | 857.910 | 732.655 |         | Dmg 3          |        |
| 27.      | 843.659 | 682.334 | 270.647 | Headball       |        |
| 28.      | 851.243 | 668.863 | 270.376 | Kmg 1          |        |
| 29.      | 875.042 | 697.571 | 270.709 | Kmg 2          |        |
| 30.      | 889.778 | 705.107 | 270.727 | - " -          |        |
| 31.      | 875.042 | 712.240 | 270.466 | - " -          |        |
| 32.      | 804.257 | 696.395 | 270.491 | Headball       |        |
| 33.      | 789.389 | 692.086 | 270.773 | - " -          |        |
| 34.      | 785.364 | 687.284 | 271.058 | - " -          |        |
| 36.      | 844.120 | 768.513 | 270.449 | Dmg 3          |        |
| 38.      | 862.080 | 781.520 | 270.067 | Dmg 4          |        |
| 39.      | 843.354 | 791.329 | 269.831 | Dmg 3          |        |
| 42.      | 863.508 | 797.829 | 270.480 | Dmg 4          |        |
| 43.      | 888.524 | 790.296 | 270.092 | - " -          |        |
| 44.      | 914.369 | 798.995 | 269.456 | - " -          |        |
| 51.      | 842.967 | 819.608 | 268.867 | Dmg 3 light    |        |
| 55.      | 753.404 | 823.224 | 270.137 | Headball       |        |
| 57.      | 842.503 | 814.312 | 269.249 | Un. lit. g. m. |        |
| 58.      | 821.088 | 822.424 | 270.708 | - " -          |        |
| 59.      | 761.930 | 829.844 | 270.286 | - " -          |        |
| 60.      | 788.508 | 826.510 | 270.916 | - " -          |        |
| 61.      | 815.710 | 812.927 |         | Headball       |        |
| 62.      | 664.487 | 741.933 | 271.180 | - " -          |        |

Etg - 280

| FM no | X       | Y       | Z       | Molm        | Remarks |
|-------|---------|---------|---------|-------------|---------|
| 63.   | 658.140 | 741.933 | 280.639 | Dmag 2      |         |
| 64.   | 784.026 | 826.058 |         | Dist. shell |         |
| 75.   | 769.181 | 693.297 | 270.890 | Hatched!!   |         |
| 76.   | 745.800 | 670.908 | 270.466 | - " -       |         |
| 77.   | 722.407 | 646.846 | 270.526 | - " -       |         |
| 81.   | 722.224 | 635.376 | 270.457 | - " -       |         |
| 82.   | 723.142 | 619.425 | 270.325 | - " -       |         |
| 83.   | 712.645 | 604.573 | 270.323 | Ø           |         |
| 84.   | 723.971 | 628.686 | 270.463 | Hatched!!   |         |
| 85.   | 704.525 | 616.892 | 270.736 | Ø           |         |
| 86.   | 613.721 | 741.933 | 270.326 | Hatched!!   |         |
| 87.   | 683.451 | 620.739 | 270.589 | Ø           |         |
| 91.   | 681.333 | 623.607 | 269.442 | - " -       |         |
| 92.   | 633.090 | 626.496 | 269.514 | - " -       |         |
| 94.   | 717.026 | 809.567 | 270.096 | Ø           |         |
| 95.   | 704.202 | 633.291 | 270.347 | Ø           |         |
| 97.   | 689.813 | 810.104 | 270.268 | Ø           |         |
| 98.   | 646.246 | 626.880 | 270.377 | Ø           |         |
| 100.  | 689.249 | 805.560 | 269.981 | Dmag 2      |         |
| 101.  | 655.936 | 810.545 | 269.716 | Ø           |         |
| 102.  | 631.548 | 810.935 | 270.002 | - " -       |         |
| 103.  | 919.812 | 814.396 | 269.890 | Dmag 4.     |         |
| 105.  | 663.386 | 825.758 | 270.710 | Ø           |         |
| 106.  | 748.585 | 673.798 | 270.577 | N           |         |
| 107.  | 640.966 | 741.921 | 270.539 | H           |         |
| 108.  | 726.634 | 672.329 | 270.682 | N           |         |

E4g - 280

| EMm | X       | Y       | Z       | Notes | Notes |
|-----|---------|---------|---------|-------|-------|
| 109 | 641.240 | 826.112 | 270.530 | O     |       |
| 110 | 640.966 | 721.789 | 270.939 | H     |       |
| 111 | 704.170 | 675.970 | 269.865 | N     |       |
| 112 | 709.335 | 659.967 | 269.457 | - " - |       |
| 115 | 681.370 | 664.500 | 268.892 | - " - |       |
| 118 | 662.440 | 682.734 | 269.653 | - " - |       |
| 119 | 669.464 | 742.959 | 271.282 | H     |       |
| 122 | 723.589 | 622.466 | 270.474 | Ø     |       |
| 123 | 653.493 | 769.421 | 270.978 | H     |       |
| 124 | 720.270 | 622.466 | 270.474 | Ø     |       |
| 125 | 720.270 | 622.466 | 270.474 | H     |       |



542-295. (Keller)

| Elm | X       | Y       | Z       | Notes      |
|-----|---------|---------|---------|------------|
| 35  | 772.391 | 650.491 | 277.593 | Symk       |
| 37  | 795.536 | 658.899 | 282.354 | - "        |
| 40  | 806.631 | 679.047 | 286.033 | Hovadskell |
| 41  | 819.560 | 680.639 | 285.679 | - "        |
| 45  | 811.489 | 688.554 | 286.029 | - "        |
| 46  | 814.354 | 693.104 | 285.535 | - "        |
| 47  | 803.673 | 699.009 | 286.005 | - "        |
| 48  | 824.249 | 693.181 | 285.144 | - "        |
| 49  | 837.574 | 696.412 | 284.976 | - "        |
| 50  | 837.619 | 681.211 | 285.317 | Kmag       |
| 52  | 814.354 | 734.054 | 284.815 | Dmag 2     |
| 53  | 791.557 | 715.247 | 284.769 | Hovadskell |
| 54  | 844.553 | 679.105 | 284.508 | Kmag       |
| 56  | 791.557 | 741.106 | 285.680 | Dmag 1     |
| 65  | 791.563 | 766.206 | 285.286 | - "        |
| 66  | 791.339 | 793.190 | 285.141 | - "        |
| 67  | 814.354 | 759.628 | 285.216 | Dmag 2     |
| 68  | 829.381 | 770.526 | 284.945 | - "        |
| 69  | 799.310 | 811.682 | 285.433 | Dmag 1     |
| 70  | 786.584 | 804.998 | 285.195 | - "        |
| 71  | 858.359 | 704.242 | 285.822 | Dmag 3     |
| 72  | 829.381 | 782.882 | 285.819 | - "        |
| 73  | 854.500 | 740.686 | 284.680 | Dmag 3     |
| 74  | 844.034 | 754.664 | 285.320 | - "        |
| 78  | 859.460 | 728.164 | 286.464 | - "        |
| 79  | 859.460 | 755.593 | 285.384 | - "        |

Eg - 295.

| File No | X       | Y       | Z       | Notes | Other |
|---------|---------|---------|---------|-------|-------|
| 80      | 859.460 | 772.428 | 285.385 | Dmg 2 |       |
| 88      | 844.034 | 779.019 | 285.832 | - " - |       |
| 89      | 782.227 | 724.995 | 285.453 | Synt  |       |
| 90      | 769.938 | 729.884 | 287.236 | - " - |       |
| 93      | 752.822 | 736.618 | 291.682 | - " - |       |
| 95      | 735.430 | 745.423 | 296.468 | - " - |       |
| 99      | 688.815 | 772.025 | 301.320 | - 305 |       |
| 104     | 711.086 | 731.488 | 301.226 | - " - |       |
| 113     | 673.714 | 760.681 | 301.663 | - " - |       |
| 114     | 657.515 | 749.771 | 300.707 | - " - |       |
| 116     | 666.112 | 721.019 | 301.315 | - " - |       |
| 117     | 641.473 | 766.943 | 301.114 | - " - |       |
| 120     | 726.143 | 710.901 | 301.555 | Synt  |       |
| 121     | 745.631 | 683.505 | 307.073 | - " - |       |

Eq - 340.

| Plane | X       | Y       | Z       | Notes         |
|-------|---------|---------|---------|---------------|
| I     | 707.407 | 723.185 | 331.632 | } Av. 94.493° |
| II    | 710.258 | 756.062 | 331.160 |               |
| 3.    | 734.832 | 756.062 | 330.967 | Hendall       |
| 4.    | 754.059 | 755.428 | 330.784 | - "           |
| 5.    | 723.824 | 756.181 | 330.616 | - "           |
| 6.    | 763.087 | 756.062 | 331.421 | - "           |
| 7.    | 796.287 | 756.062 | 330.181 | - "           |
| 8.    | 784.065 | 756.787 | 330.612 | - "           |
| 9.    | 672.944 | 756.062 | 331.111 | - "           |
| 10.   | 679.717 | 750.187 | 331.556 | Hendall       |
| 11.   | 754.015 | 756.700 | 330.586 | Derry         |
| 12.   | 825.915 | 756.062 | 330.320 | Hendall       |
| 13.   | 799.899 | 740.686 | 330.053 | - "           |
| 14.   | 752.771 | 778.392 | 330.935 | Derry         |
| 15.   | 769.682 | 782.173 | 330.633 | - "           |
| 16.   | 642.878 | 756.062 | 331.006 | Hendall       |
| 17.   | 723.824 | 798.735 | 330.742 | Derry         |
| 18.   | 799.899 | 726.837 | 330.192 | Hendall       |
| 19.   | 857.030 | 756.062 | 330.015 | - "           |
| 20.   | 723.706 | 833.294 | 331.716 | Derry         |
| 21.   | 722.858 | 867.834 | 330.929 | Hendall       |
| 22.   | 799.899 | 694.387 | 330.456 | - "           |
| 23.   | 814.060 | 756.031 | 330.275 | Hendall       |
| 24.   | 844.036 | 756.356 | 329.777 | - "           |
| 25.   | 605.787 | 756.062 | 330.881 | - "           |
| 26.   | 885.303 | 756.062 | 330.387 | - "           |

Eq 340.

| F.M.m | X       | Y       | Z       | Notes        |           |
|-------|---------|---------|---------|--------------|-----------|
| 27    | 844.036 | 779.561 | 330.711 | Dring 3      |           |
| 28    | 814.040 | 784.255 | 330.563 | - " - 2      |           |
| 29    | 922.197 | 754.941 | 329.783 | Household    |           |
| 30    | 924.911 | 742.841 | 330.266 | Household    |           |
| 31    | 799.122 | 714.321 | 330.237 | Household    |           |
| 32    | 814.242 | 773.507 | 330.838 | Dring 2      |           |
| 33    | 800.038 | 785.505 | 331.117 | - " - 1      |           |
| 34    | 829.704 | 786.804 | 330.979 | - " - 2      |           |
| 35    | 813.138 | 714.318 | 330.592 | K. Well      |           |
| 36    | 829.632 | 714.329 | 330.403 | - " -        |           |
| 37    | 800.038 | 796.757 | 330.898 | Dring 1      |           |
| 38    | 837.711 | 703.939 | 330.379 | K. Well      |           |
| 39    | 848.149 | 722.526 | 330.644 | - " -        |           |
| 40    | 853.081 | 712.058 | 330.883 | - " -        |           |
| 41    | 750.559 | 862.238 | 330.703 | Vent. Well   |           |
| 42    | 779.026 | 856.459 | 330.265 | - " -        |           |
| 43    | 809.246 | 650.606 | 330.104 | - " -        |           |
| 44    | 829.704 | 817.379 | 330.430 | Dring 2      |           |
| 45    | 859.717 | 789.290 | 330.634 | - " - 3      |           |
| 46    | 859.717 | 799.378 | 330.274 | - " -        |           |
| 47    | 844.162 | 847.726 | 330.408 | Vent. Well   |           |
| 48    | 799.988 | 720.108 | 330.224 | Household    |           |
| 49    | 874.054 | 756.040 | 330.611 | - " -        |           |
| 50    | 781.734 | 713.080 | 330.870 | Til. & m. m. |           |
| 51    | 773.178 | 721.561 | 329.815 | Spinal       | not - 400 |
| 52    | 874.054 | 780.610 | 330.005 | Dring 4      |           |

Etg - 340.

| F.M. no. | X       | Y       | Z       | Holm       | Thoms.        |
|----------|---------|---------|---------|------------|---------------|
| 53       | 763.608 | 718.414 | 332.138 | Spinal     |               |
| 54       | 874.054 | 805.328 | 330.196 | Dmag 4.    |               |
| 55       | 756.545 | 691.154 | 330.093 | Til sjömda |               |
| 56       | 723.593 | 852.382 | 330.901 | Dmag 10st  |               |
| 57       | 737.386 | 712.141 | 337.022 | Spinal     |               |
| 58       | 734.572 | 672.060 | 330.145 | Til sjömda |               |
| 59       | 874.070 | 816.282 | 330.190 | Dmag 4.    |               |
| 60       | 721.702 | 696.624 | 336.949 | Spinal     |               |
| 61       | 893.451 | 819.945 | 329.483 | Dmag 4.    |               |
| 62       | 710.051 | 850.610 | 330.696 | O          |               |
| 63       | 736.528 | 696.079 | 340.044 | Spinal     |               |
| 64       | 719.122 | 658.668 | 329.382 | Sjömater   | Gullige skall |
| 65       | 704.346 | 645.869 | 329.199 | - " -      |               |
| 66       | 925.838 | 826.191 | 328.774 | Dmag 4.    |               |
| 67       | 767.231 | 693.434 | 345.251 | Spinal     |               |
| 68       | 784.372 | 703.933 | 345.515 | - " -      |               |
| 69       | 685.126 | 661.850 | 328.978 | Sjömater   | Gullige skall |
| 70       | 874.017 | 801.425 | 329.944 | Dmag 4.    |               |
| 71       | 687.105 | 847.594 | 330.252 | O          |               |
| 72       | 649.972 | 842.768 | 330.683 | O Øst      |               |
| 73       | 906.396 | 807.595 | 329.187 | Dmag 4.    |               |
| 74       | 649.517 | 665.183 | 329.024 | Sjömater   | Gullige skall |
| 75       | 630.363 | 845.391 | 330.693 | O Øst      | hård skall    |
| 76       | 784.339 | 722.737 | 345.146 | Spinal     |               |
| 77       | 928.086 | 811.559 | 330.104 | Dmag 4.    |               |
| 78       | 612.716 | 854.170 | 330.977 | O Øst      | hård skall    |

E-19-240.

| FM  | X       | Y       | Z       | Notes         | Remarks       |
|-----|---------|---------|---------|---------------|---------------|
| 79  | 783.679 | 744.149 | 350.165 | Spiral        |               |
| 80  | 765.422 | 752.688 | 352.823 | - " -         |               |
| 81  | 634.997 | 830.942 | 329.434 | O Øst         | Sydlig skole  |
| 82  | 749.408 | 739.680 | 365.887 | Spiral        |               |
| 83  | 703.641 | 674.953 | 329.896 | Spiral        | Nordlig skole |
| 84  | 720.996 | 714.118 | 362.876 | Spiral        |               |
| 85  | 722.264 | 690.585 | 366.049 | - " -         |               |
| 86  | 613.236 | 838.909 | 329.073 | O Øst         | Sydlig skole  |
| 87  | 668.058 | 678.287 | 329.299 | Spiral        | Nordlig skole |
| 88  | 740.445 | 671.943 | 370.318 | Spiral        |               |
| 89  | 764.963 | 648.338 | 376.703 | - " -         |               |
| 90  | 580.254 | 838.909 | 328.945 | O Øst         | Sydlig skole  |
| 91  | 783.976 | 656.084 | 379.039 | Spiral        |               |
| 92  | 780.229 | 670.832 | 361.616 | - " -         |               |
| 93  | 771.408 | 683.593 | 384.444 | - " -         |               |
| 94  | 706.528 | 734.086 | 331.614 | Nordlig skole |               |
| 95  | 702.274 | 733.034 | 332.744 | - " -         |               |
| 96  | 587.880 | 854.170 | 330.210 | O Øst         | Nordlig skole |
| 97  | 778.263 | 703.233 | 330.315 | Spiral        | met-280       |
| 98  | 784.109 | 690.107 | 327.864 | - " -         |               |
| 99  | 789.211 | 678.859 | 325.067 | - " -         |               |
| 100 | 800.886 | 653.230 | 320.389 | - " -         |               |
| 101 | 797.711 | 677.822 | 318.628 | - " -         |               |

Etg. 400

| FM nr | x       | y       | z       | Malm                  | Anm.        |
|-------|---------|---------|---------|-----------------------|-------------|
| I     | 707.296 | 723.430 | 392.313 |                       |             |
| II    | 709.692 | 731.531 | 391.664 |                       | R.V. 81.695 |
| 2     | 700.420 | 741.670 |         |                       |             |
| 3     | 695.432 | 744.939 |         |                       |             |
| 5     | 722.370 | 740.249 | 391.462 |                       |             |
| 6     | 731.053 | 712.488 | 391.858 |                       |             |
| 7     | 740.139 | 689.119 | 391.993 |                       |             |
| 8     | 758.119 | 661.315 | 392.045 |                       |             |
| 9     | 774.419 | 636.109 | 392.052 | Pluggen med malmsjakt |             |
| 10    | 788.758 | 613.449 | 392.010 |                       |             |
| 11    | 806.015 | 587.000 | 391.757 |                       |             |
| 12    | 824.313 | 558.664 | 391.317 |                       |             |
| 13    | 729.056 | 718.181 | 391.882 |                       |             |
| 14    | 720.732 | 707.181 | 392.032 | Vaskalpr              |             |
| 15    | 706.091 | 707.181 | 391.893 | - " -                 |             |
| 16    | 752.576 | 735.342 | 390.713 | Hovedstoll            |             |
| 17    | 775.492 | 723.337 | 391.436 | - " -                 |             |
| 18    | 785.869 | 715.219 | 390.905 | - " -                 |             |
| 19    | 739.110 | 735.046 | 390.886 | - " -                 |             |
| 20    | 748.270 | 735.572 | 390.342 | - " -                 |             |
| 21    | 770.857 | 725.504 | 389.974 | - " -                 |             |
| 22    | 743.719 | 723.649 | 391.124 | Spindel               |             |
| 23    | 787.392 | 756.124 | 390.236 | D                     |             |
| 24    | 803.247 | 756.126 | 390.107 | D                     |             |
| 25    | 784.178 | 770.139 | 390.066 | D                     |             |
| 26    | 812.983 | 756.124 | 389.766 |                       |             |

24g - 400

| P.M. on | K       | Y       | Z       | Helm  | Ann. |
|---------|---------|---------|---------|-------|------|
| 27      | 794.147 | 793.584 | 389.848 | mag 1 |      |
| 28      | 843.945 | 786.078 | 389.222 | D-11  |      |
| 29      | 800.030 | 805.638 | 389.693 | mag 1 |      |
| 30      | 824.149 | 755.588 | 389.030 | D-11  |      |
| 31      | 814.131 | 770.123 | 389.243 | mag 2 |      |
| 32      | 784.160 | 786.125 | 389.164 | D-11  |      |
| 33      | 800.030 | 829.110 | 389.266 | mag 1 |      |
| 34      | 814.031 | 780.443 | 389.262 | mag 2 |      |
| 35      | 765.462 | 770.161 | 389.238 | mag 0 |      |
| 36      | 784.233 | 770.131 | 389.643 | - " - |      |
| 37      | 749.934 | 770.042 | 389.699 | - " - |      |
| 38      | 824.136 | 790.829 | 388.808 | mag 2 |      |
| 39      | 846.092 | 760.077 | 389.319 | mag 3 |      |
| 40      | 848.131 | 802.359 | 389.066 | - " - |      |
| 41      | 835.248 | 799.106 | 389.113 | mag 2 |      |
| 42      | 776.031 | 815.941 | 389.458 | - " - |      |
| 43      | 825.636 | 831.460 | 388.863 | mag 3 |      |
| 44      | 825.436 | 842.222 | 389.591 | - " - |      |
| 45      | 834.186 | 825.104 | 389.482 | mag 3 |      |
| 46      | 835.248 | 822.320 | 388.484 | mag 2 |      |



$\Sigma C_p - 520$

| Station | K       | S       | Z       | Station | Sum        |
|---------|---------|---------|---------|---------|------------|
| I       | 707.398 | 723.550 |         |         |            |
| II      | 708.342 | 736.241 | 512.178 |         | 77 95.2684 |
| 1       | 717.910 | 748.630 | 512.965 |         |            |
| 2       | 723.944 | 750.253 | 512.781 |         |            |

249 - 580

| Marine | X       | Y       | Z       | Marine     | Flur.           |
|--------|---------|---------|---------|------------|-----------------|
| I      | 707.788 | 724.410 |         |            | } R.v. 85.4935  |
| II     | 709.864 | 733.362 | 572.039 |            |                 |
| III    | 811.517 | 563.584 |         |            |                 |
| IV     | 839.604 | 539.277 | 571.258 |            | } R.v. 140.925  |
| V      | 723.261 | 702.153 |         |            |                 |
| 6      | 711.084 | 741.523 |         |            |                 |
| 7      | 732.134 | 692.974 |         |            |                 |
| 8      | 711.014 | 748.743 | 572.579 | Hovedstolt | mot Nord.       |
| 9      | 744.340 | 672.748 | 572.625 | - " -      | " mot Nordsjokt |
| 10     | 711.014 | 784.416 | 572.260 | - " -      | " Nord          |
| 11     | 760.964 | 646.241 | 572.283 | - " -      | " mot Nordsjokt |
| 12     | 711.014 | 813.261 | 572.015 | - " -      | " Nord          |
| 13     | 746.581 | 620.566 |         | - " -      | " mot Nordsjokt |
| 14     | 711.014 | 845.812 | 572.190 | - " -      | " Nord.         |
| 15     | 701.945 | 863.525 | 571.595 | - " -      |                 |
| 16     | 808.584 | 567.641 | 571.609 | - " -      | " mot Nordsjokt |
| 17     | 817.729 | 552.565 | 571.443 | - " -      | - " -           |
| 18     | 711.014 | 895.458 | 571.401 | - " -      | " Nord          |
| 19     | 711.014 | 924.484 | 570.461 | - " -      | " - " -         |
| 20     | 634.516 | 844.411 | 571.649 |            | " - " - Gid     |
| 21     | 744.581 | 912.514 | 571.301 | - " -      | " - " -         |
| 22     | 639.443 | 915.443 | 571.182 | - " -      | " - " -         |
| 23     | 711.015 | 845.632 | 571.443 | - " -      | " - " -         |
| 24     | 730.471 | 892.540 | 571.503 | - " -      | " Gid           |
| 25     | 702.085 | 915.443 | 571.079 | Vind       | " - " -         |
| 26     | 744.443 | 915.443 | 572.945 | - " -      | " - " -         |

| <i>F. 1920</i> | <i>X</i> | <i>Y</i> | <i>Z</i> | <i>Halb m.</i> | <i>Fl. m.</i> |
|----------------|----------|----------|----------|----------------|---------------|
| 25             | 733.288  | 897.179  |          | Pollort        | mit Vest      |
| 26             | 737.529  | 898.962  | 571.516  | - -            | " - -         |
| 27             | 544.495  | 918.443  | 570.350  | - -            | " Ost.        |
| 28             | 835.801  | 534.583  | 571.044  | - -            | " Syd/Vest    |
| 29             | 847.353  | 522.783  | 571.639  | - -            | " - -         |
| 30             | 525.814  | 915.443  | 571.013  | - -            | " Ost.        |
| 31             | 860.433  | 516.160  | 571.980  | - -            | " Syd/Vest    |
| 32             | 712.198  | 767.295  | 572.661  | Hindert        | Wind          |
| 33             | 710.053  | 759.523  | 572.707  |                | - " -         |
| 34             | 582.259  | 655.349  | 572.193  | Fluss          | beliebt       |
| 35             | 537.224  | 554.332  | 572.543  |                | Fluss         |
| 36             | 544.479  | 731.968  | 572.355  |                | Wind/Vest     |
| 37             | 541.936  | 653.992  |          |                |               |
| 38             | 698.912  | 548.530  | 572.104  |                | Wind/Vest     |
| 39             | 702.869  | 660.814  | 572.476  |                | mit beliebt.  |
| 40             | 581.184  | 723.645  | 571.890  |                | Fluss         |
| 41             | 447.825  | 733.532  | 572.145  |                | - -           |
| 42             | 561.943  | 431.965  | 572.022  |                | mit beliebt   |
| 43             | 449.933  | 750.050  | 571.803  |                | " - -         |
| 44             | 812.210  | 569.189  |          |                | " wind/Vest   |
| 45             | 815.448  | 567.606  |          |                | " - -         |
| 46             | 582.233  | 712.581  | 572.580  |                | mit Wind/Vest |
| 47             | 412.990  | 848.011  | 572.363  | Fluss          | mit megen - I |
| 48             | 695.273  | 826.595  | 571.520  |                |               |
| 49             | 410.540  | 840.295  | 571.941  |                |               |
| 50             | 425.273  | 830.078  | 571.543  |                |               |

| <i>i</i> Mon | <i>x</i> | <i>y</i> | <i>z</i> | Notes        | From         |
|--------------|----------|----------|----------|--------------|--------------|
| 51           | 755.504  | 840.370  | 571.316  | Follow       | magnesium II |
| 52           | 757.484  | 822.043  | 571.362  | - " -        | - " -        |
| 53           | 772.911  | 839.870  | 571.152  | - " -        | - " -        |
| 54           | 788.046  | 834.660  | 571.117  | - " -        | - " -        |
| 55           | 772.911  | 813.468  | 571.435  | - " -        | - " -        |
| 56           | 772.911  | 778.431  | 571.146  | - " -        | - " -        |
| 57           | 788.046  | 801.131  |          | - " -        | - " -        |
| 58           | 711.014  | 969.836  | 570.672  | not <i>z</i> |              |
| 59           | 711.014  | 1000.821 | 570.336  | - " -        |              |
| 60           | 711.233  | 1022.929 | 570.238  | - " -        |              |
| 61           | 710.456  | 1066.528 | 569.866  | - " -        |              |
| 62           | 710.898  | 1097.255 | 569.859  | - " -        |              |
| 63           | 687.237  | 1106.196 | 569.872  | - " -        |              |

Edg - 580. Balteort.

| PM cm | X       | Y       | Z       | Malin | Am. m |
|-------|---------|---------|---------|-------|-------|
| 1     | 788.627 | 650.993 | 567.857 |       |       |
| 2     | 791.257 | 646.658 | 566.911 |       |       |
| 3     | 800.355 | 631.648 | 560.326 |       |       |
| 4     | 813.409 | 610.115 | 551.291 |       |       |
| 5     | 821.472 | 596.815 | 545.691 |       |       |
| 6     | 832.257 | 579.025 | 538.373 |       |       |
| 7     | 840.201 | 565.922 | 533.044 |       |       |
| 8     | 855.445 | 540.778 | 522.111 |       |       |
| 9     | 869.610 | 517.417 | 512.230 |       |       |

Bellport under silo - 560.

| F.Mom | X       | Y       | Z       | Helm | Alt. m. |
|-------|---------|---------|---------|------|---------|
| A     | 858.377 | 514.287 | 571.533 |      |         |
| B     | 872.527 | 518.628 | 571.474 |      |         |
| C     | 865.114 | 506.296 | 556.000 |      |         |
| D     | 878.490 | 511.247 | 536.260 |      |         |
| E     | 874.488 | 514.399 | 555.221 |      |         |
| F     | 856.199 | 528.347 | 553.995 |      |         |
| G     | 844.118 | 532.560 | 553.126 |      |         |
| H     | 833.174 | 545.206 | 553.197 |      |         |