```
  NORSKE SHELL                        31/2-9                          PAGE 14-FILE  1
*****************************************************************************
*   DEPTH     DIP   DIP   DEV   DEV   DIAM   DIAM    LO    Q   C.E  PART  MAX    SPD  *
*                   AZM         AZM    1-3    2-4    GI                          COR  *
*****************************************************************************
*                                                                                     *
* 1762.90    32.0   242   1.6    96   12.3   12.4          *     0     0   88         *
* 1763.41     8.6    63   1.4   104   12.1   12.4    **    D    10     2   94         *
* 1763.92     6.7    64   1.2   111   11.7   12.4    **    B    10     4   99         *
* 1764.42    33.1   305   1.1   117   11.5   12.4          *     0     0   94         *
* 1764.93    32.1   297   1.1   122   11.4   12.3          D    30     3   99         *
* 1765.44    53.1   288   1.2   121   11.4   12.1          B    10     8   83         *
* 1765.95    33.4   262   1.4   116   11.4   12.1          *     0     0   26         *
* 1766.46    55.2   179   1.6   110   11.3   11.9          *     0     0   28         *
* 1766.96    33.5   300   1.7   106   11.0   11.2          D    30     1   65         *
* 1767.47     5.4   189   1.7   106   10.0   10.4          *     0     0   53         *
* 1767.98    30.5    69   1.6   108    9.3    9.9          *     0     0   25         *
* 1768.49     7.8    41   1.6   109    9.1    9.0          D    20     3   79         *
* 1769.00    33.4   287   1.6   109    8.3    8.0          D    31     1   18     *   *
* 1769.50    37.7   288   1.6   107    7.2    7.3          D    31     1   18     *   *
*****************************************************************************
```

```
                                                                    SUMMARY
NORSKE SHELL                          31/2-9
*****************************************************************************
*  DEPTH   *     DIP       DIP     *     DEV      DEV     DIAM       DIAM   *  QUAL   *
*          *               AZM     *              AZM      1-3        2-4   *         *
*****************************************************************************
*                                                                                     *
*   TOP                                                                               *
*  1498.7       52.7      145.           1.4      17.      20.3       19.3       *    *
*                                                                                     *
*   BOTTOM                                                                            *
*  1769.5       37.7      288.           1.6     107.       7.2        7.3       D    *
*                                                                                     *
*****************************************************************************
```

```
* 1720.23   31.8  127  1.8    84  12.4  12.4          *     0     0  [illegible]      *
* 1720.74   34.3  129  1.8    85  12.4  12.4          *     0     0  42      *
* 1721.24   43.3  126  1.8    86  12.4  12.4          *     0     0  16      *
* 1721.75   33.7   30  1.8    86  12.4  12.4          *     0     0  57      *
*****************************************************************************
```

```
 NORSKE SHELL                          31/2-9                  PAGE 12-FILE  1
*****************************************************************************
*   DEPTH    DIP  DIP  DEV  DEV  DIAM  DIAM   LO  Q  C.F  PART MAX  SPD    *
*                 AZM       AZM   1-3   2-4   GI                    COR    *
*****************************************************************************
*                                                                           *
* 1722.26   10.2  137  1.8   85  12.5  12.5   **  *    0     0  93          *
* 1722.77   10.4  147  1.9   84  12.4  12.5   **  *    0     0  95          *
* 1723.28    1.3   58  1.9   84  12.4  12.5       B   10     4  82          *
* 1723.78    3.5   68  1.9   85  12.4  12.4       D   10     3  18          *
* 1724.29   25.5  343  1.9   85  12.4  12.4       *    0     0  76          *
* 1724.80    3.1  109  1.9   85  12.4  12.5       D   10     1  68          *
* 1725.31    3.9  111  1.9   85  12.4  12.5       D   10     3  86          *
* 1725.82   22.6   36  1.8   85  12.4  12.5       *    0     0  60          *
* 1726.32   24.3   32  1.8   86  12.4  12.5       *    0     0  66          *
* 1726.83    7.5   58  1.8   86  12.4  12.5       B   10     5  74          *
* 1727.34    7.6   57  1.8   86  12.4  12.5   **  B   10     8  72          *
* 1727.85    8.4   54  1.8   85  12.5  12.6       D   10     3  74          *
* 1728.36    6.9   35  1.8   85  12.5  12.6   **  A   10     8  73          *
* 1728.86    4.6   45  1.9   85  12.5  12.6       A   10     7  72          *
* 1729.37    7.5   70  1.8   84  12.5  12.6   **  A   10     8  72          *
* 1729.88    7.3   41  1.8   85  12.5  12.6       C   10     1  63          *
* 1730.39   11.0   91  1.8   85  12.6  12.7       C   10     2  45          *
* 1730.90    4.9   15  1.9   85  12.7  12.8       A   10     4  47          *
* 1731.40    3.5   33  1.9   85  12.6  12.8       A   10     8  56          *
* 1731.91    4.8   47  1.9   85  12.5  12.6   **  A   10     8  39          *
* 1732.42    5.7   33  1.9   85  12.4  12.5       A   10     5  60          *
* 1732.93    5.2   30  1.9   85  12.4  12.4       A   10     5  56          *
* 1733.44    4.5  206  1.9   85  12.4  12.4       A   10     4  83          *
* 1733.94    4.7  216  1.9   86  12.4  12.4       A   10     4  78          *
* 1734.45    3.0   74  1.9   85  12.4  12.4       A   10     8  82          *
* 1734.96    4.5   76  1.9   85  12.4  12.4       A   10     5  94          *
* 1735.47   18.1   12  1.9   84  12.4  12.5   **  *    0     0  73          *
* 1735.98   12.0   50  1.9   83  12.4  12.5       D   11     1  67          *
* 1736.48   27.7   67  1.9   84  12.4  12.5       *    0     0  78          *
* 1736.99   36.8  142  1.9   84  12.5  12.5   **  *    0     0  97          *
* 1737.50   36.7  143  1.9   84  12.6  12.6   **  *    0     0  98          *
* 1738.01   35.3  290  1.9   85  12.5  12.6       *    0     0  38          *
* 1738.52   35.6  330  1.9   85  12.5  12.5       *    0     0  32      *   *
* 1739.02   13.0   14  1.9   86  12.4  12.5   **  B   10     8  98          *
* 1739.53   14.0   16  1.9   86  12.3  12.5   **  B   10     8  96          *
* 1740.04   16.1  354  1.9   86  12.3  12.4       D   10     1  49          *
* 1740.55   30.8  226  1.9   85  12.4  12.4       *    0     0  52          *
* 1741.06    7.0  308  1.9   85  12.4  12.4       C   10     1  40          *
* 1741.56   27.6    6  1.9   85  12.4  12.4       *    0     0   8          *
* 1742.07   10.6   29  1.9   84  12.4  12.4       A   10     8  47          *
*****************************************************************************
```

```
 NORSKE SHELL                          31/2-9                  PAGE 13-FILE  1
*****************************************************************************
*   DEPTH    DIP  DIP  DEV  DEV  DIAM  DIAM   LO  Q  C.F  PART MAX  SPD    *
*                 AZM       AZM   1-3   2-4   GI                    COR    *
*****************************************************************************
*                                                                           *
* 1742.58   14.8  346  1.9   85  12.4  12.5   **  A   10     8  93          *
* 1743.09   11.2  348  1.9   85  12.4  12.5   **  A   10     8  93          *
* 1743.60    5.9  360  1.9   85  12.3  12.5   **  A   10     8  96          *
* 1744.10    3.3   48  1.8   84  12.3  12.4   **  A   10     8  82          *
* 1744.61    9.9   36  1.8   84  12.3  12.4       C   10     2  58          *
* 1745.12    8.7   37  1.8   84  12.3  12.4       A   10     8  64          *
* 1745.63    9.4   35  1.9   85  12.3  12.4   **  A   10     8  56          *
* 1746.14    5.0   29  1.9   85  12.3  12.4       A   10     8  68          *
* 1746.64    7.1   42  1.9   85  12.3  12.4   **  A   10     8  61          *
* 1747.15    9.4   40  1.9   85  12.3  12.4       A   10     8  35          *
* 1747.66    7.7   35  1.9   85  12.3  12.4       A   10     8  44          *
* 1748.17    8.4   21  1.9   85  12.3  12.4       A   10     8  66          *
* 1748.68    8.3   27  1.9   85  12.3  12.4       A   10     7  74          *
* 1749.18    8.1   23  1.9   85  12.4  12.4   **  A   10     6  48          *
* 1749.69   69.7   46  1.9   85  12.4  12.5       *    0     0  68          *
* 1750.20   63.6   37  1.9   84  12.4  12.5       *    0     0  48          *
* 1750.71   22.0  222  1.9   84  12.4  12.5       *    0     0  53          *
* 1751.22   16.7  339  1.9   85  12.4  12.4   **  *    0     0  77          *
* 1751.72   13.6  194  1.9   85  12.4  12.4       *    0     0  71          *
* 1752.23   40.2   23  2.0   86  12.4  12.4   **  *    0     0  74          *
* 1752.74   39.0   32  2.0   85  12.4  12.4   **  *    0     0  86          *
* 1753.25   14.5  145  2.0   85  12.4  12.4       *    0     0  23          *
* 1753.76    8.3  104  2.0   85  12.3  12.4       D   11     1  56          *
* 1754.26    5.7   16  2.0   85  12.3  12.4       D   10     2  26          *
* 1754.77    6.1   28  1.9   84  12.3  12.4   **  B   10     8  59          *
* 1755.28    5.0   25  2.0   85  12.3  12.4       B   10     8  56          *
* 1755.79    3.7   38  2.0   85  12.3  12.4   **  B   10     8  60          *
* 1756.30    4.2   15  2.0   85  12.4  12.4   **  A   10     8  52          *
* 1756.80    4.5   32  2.0   85  12.3  12.4   **  A   10     8  62          *
* 1757.31    5.0   30  2.0   85  12.3  12.4   **  A   10     8  57          *
* 1757.82    5.1   43  2.0   85  12.3  12.4       A   10     8  79          *
* 1758.33    5.4   42  2.0   85  12.3  12.4   **  B   10     8  87          *
* 1758.84    5.1   37  2.0   86  12.3  12.4   **  B   10     8  92          *
* 1759.34    4.7   25  2.0   86  12.3  12.4   **  B   10     8  66          *
* 1759.85   44.8   35  2.0   85  12.3  12.4       *    0     0  68          *
* 1760.36    8.1   50  1.9   85  12.3  12.4   **  D   10     2  80          *
* 1760.87    7.2   23  1.9   85  12.3  12.4   **  D   10     2  83          *
* 1761.38    6.0   21  1.9   85  12.3  12.4       D   10     1  20          *
* 1761.88   61.9  153  1.8   87  12.3  12.4   **  *    0     0  54          *
* 1762.39   39.8   48  1.7   90  12.3  12.4       *    0     0  74          *
*****************************************************************************
```

```
* 1661.30    5.3    36   1.7    80   12.4   12.4    **  A   10    8   65        *
* 1661.81    5.0    42   1.7    80   12.4   12.5        A   10    8   63        *
* 1662.32    5.0    44   1.7    80   12.4   12.5    **  A   10    8   81        *
* 1662.82    6.5    41   1.7    81   12.4   12.5    **  A   10    8   98        *
* 1663.33    6.9    38   1.7    81   12.4   12.5    **  A   10    8   97        *
* 1663.84    7.9    26   1.7    81   12.4   12.5    **  A   10    8   95        *
* 1664.35    6.0    30   1.7    81   12.4   12.6    **  A   10    8   70        *
* 1664.86    5.7    24   1.7    81   12.4   12.6        A   10    8   67        *
* 1665.36    6.2    38   1.7    81   12.3   12.5    **  A   10    8   83        *
* 1665.87    5.0    40   1.7    81   12.3   12.5    **  A   10    8   84        *
* 1666.38    5.3    40   1.7    81   12.3   12.5    **  A   10    8   86        *
* 1666.89    6.0    44   1.7    81   12.3   12.5    **  A   10    8   84        *
* 1667.40    5.4    45   1.7    81   12.3   12.5    **  A   10    8   80        *
* 1667.90    5.4    46   1.7    81   12.3   12.4    **  A   10    8   78        *
* 1668.41    5.4    39   1.7    82   12.3   12.5    **  A   10    8   85        *
* 1668.92    5.3    39   1.7    82   12.4   12.5    **  A   10    8   86        *
* 1669.43    5.1    39   1.7    81   12.4   12.5    **  A   10    8   81        *
* 1669.94    5.4    38   1.7    81   12.4   12.6    **  A   10    8   75        *
* 1670.44    5.6    38   1.7    81   12.4   12.6    **  A   10    8   78        *
* 1670.95    5.3    44   1.7    82   12.4   12.6    **  A   10    8   84        *
* 1671.46    5.3    42   1.7    81   12.3   12.6    **  A   10    8   65        *
* 1671.97    5.0    39   1.7    81   12.3   12.6    **  A   10    8   72        *
* 1672.48    5.2    43   1.7    81   12.3   12.6    **  A   10    8   92        *
* 1672.98    4.9    43   1.8    81   12.4   12.5    **  A   10    8   91        *
* 1673.49    5.3    41   1.8    81   12.4   12.5    **  A   10    8   87        *
* 1674.00    4.6    42   1.7    81   12.4   12.5    **  A   10    8   81        *
* 1674.51    4.6    44   1.7    81   12.4   12.6    **  A   10    8   67        *
* 1675.02    5.2    42   1.7    81   12.4   12.6    **  A   10    8   71        *
* 1675.52    5.0    42   1.8    81   12.5   12.6    **  A   10    8   88        *
* 1676.03    4.7    34   1.8    81   12.5   12.7        A   10    8   88        *
* 1676.54    4.0    41   1.8    82   12.5   12.7    **  A   10    6   91        *
* 1677.05    2.4    32   1.8    83   12.4   12.7        C   10    3   94        *
* 1677.56    4.1    48   1.8    82   12.3   12.7    **  A   10    8   77        *
* 1678.06    4.6    57   1.8    83   12.4   12.7    **  A   10    8   86        *
* 1678.57    5.4    38   1.8    82   12.4   12.7    **  A   10    8   79        *
* 1679.08    4.9    26   1.8    81   12.4   12.7    **  A   10    8   85        *
* 1679.59    4.4    35   1.7    81   12.4   12.7    **  A   10    8   84        *
* 1680.10    4.3    43   1.7    81   12.4   12.7    **  A   10    8   81        *
* 1680.60    4.4    51   1.7    82   12.5   12.7    **  A   10    8   73        *
* 1681.11    3.4    39   1.7    84   12.7   12.7    **  A   10    8   73        *
*******************************************************************************
```

```
 NORSKE SHELL                         31/2-9                      PAGE 10-FILE  1
*******************************************************************************
*    DEPTH    DIP   DIP   DEV    DEV   DIAM   DIAM    LO  Q   C.F  PART MAX  SPD *
*                   AZM          AZM   1-3    2-4     GI                     COR *
*******************************************************************************
*                                                                             *
* 1681.62    1.8    28   1.7    84   12.7   12.7    **  A   10    8   97        *
* 1682.13    3.9    58   1.6    84   12.6   12.6        A   10    8   93        *
* 1682.64    6.6    46   1.7    84   12.6   12.6        C   10    3   95        *
* 1683.14    7.0    49   1.7    85   12.5   12.5        A   10    5   45        *
* 1683.65    6.0    52   1.7    85   12.5   12.5        A   10    8   82        *
* 1684.16    3.4   291   1.8    84   12.5   12.5        D   11    3   60        *
* 1684.67    1.9    67   1.8    83   12.5   12.5        D   10    3   66        *
* 1685.18    3.9    32   1.8    84   12.5   12.5    **  B   10    8   83        *
* 1685.68    4.1    36   1.8    83   12.6   12.6        B   10    8   69        *
* 1686.19   22.8   272   1.8    83   12.6   12.6        D   20    3   84        *
* 1686.70   23.1   272   1.8    83   12.5   12.6        D   20    3   76        *
* 1687.21   10.2   221   1.8    83   12.5   12.5        *    0    0   49        *
* 1687.72   10.6   136   1.8    83   12.4   12.4        D   11    1   56        *
* 1688.22    4.0    40   1.8    83   12.4   12.4        A   10    8   76        *
* 1688.73    4.7    34   1.8    84   12.4   12.4    **  A   10    8   82        *
* 1689.24    6.2    37   1.8    84   12.4   12.4    **  A   10    8   72        *
* 1689.75    5.7    40   1.8    83   12.4   12.4    **  A   10    8   75        *
* 1690.26    5.9    45   1.7    82   12.4   12.4    **  A   10    8   70        *
* 1690.76    6.4    47   1.7    83   12.4   12.4    **  A   10    8   71        *
* 1691.27    6.6    43   1.7    84   12.5   12.4    **  A   10    8   63        *
* 1691.78    6.8    44   1.7    85   12.4   12.4    **  A   10    8   67        *
* 1692.29    6.5    42   1.7    84   12.4   12.4    **  A   10    8   86        *
* 1692.80    6.2    40   1.8    84   12.4   12.4    **  A   10    8   80        *
* 1693.30    5.1    42   1.8    85   12.4   12.4    **  A   10    8   71        *
* 1693.81    4.7    35   1.8    84   12.4   12.4    **  A   10    8   91        *
* 1694.32    4.5    33   1.8    84   12.4   12.4    **  A   10    8   70        *
* 1694.83    5.2    47   1.8    85   12.4   12.4        A   10    8   74        *
* 1695.34    4.7    33   1.8    85   12.4   12.4    **  A   10    8   90        *
* 1695.84    4.7    28   1.8    86   12.3   12.4    **  A   10    8   96        *
* 1696.35    5.9    41   1.8    86   12.3   12.3    **  A   10    8   89        *
* 1696.86    5.5    36   1.8    85   12.3   12.3    **  A   10    8   77        *
* 1697.37    4.9    34   1.8    85   12.5   12.4    **  A   10    8   83        *
* 1697.88    5.6    41   1.8    85   12.4   12.4    **  A   10    8   85        *
* 1698.38    6.1    48   1.8    85   12.3   12.3    **  A   10    8   89        *
* 1698.89    6.3    42   1.8    85   12.3   12.4    **  A   10    8   84        *
* 1699.40    6.6    32   1.8    84   12.4   12.4        A   10    4   52        *
* 1699.91    7.6    26   1.9    85   12.4   12.6        C   10    2   39        *
* 1700.42    9.8    26   1.9    85   12.5   12.6    **  A   10    8   52        *
* 1700.92    9.5    54   1.8    85   12.5   12.6        A   10    5   48        *
* 1701.43   11.0    49   1.8    85   12.4   12.6        A   10    5   65        *
*******************************************************************************
```

```
 NORSKE SHELL                         31/2-9                      PAGE 11-FILE  1
*******************************************************************************
*    DEPTH    DIP   DIP   DEV    DEV   DIAM   DIAM    LO  Q   C.F  PART MAX  SPD *
*                   AZM          AZM   1-3    2-4     GI                     COR *
*******************************************************************************
*                                                                             *
* 1701.94    5.3    50   1.8    86   12.4   12.6        C   10    1    5        *
* 1702.45   36.1   206   1.8    87   12.5   12.6    **  *    0    0   54        *
* 1702.96   10.0    47   1.8    87   12.5   12.6        A   10    8   55        *
* 1703.46    6.4    42   1.8    87   12.5   12.6    **  A   10    8   83        *
* 1703.97    6.6    37   1.8    87   12.5   12.6    **  A   10    8   64        *
* 1704.48    6.9    48   1.8    87   12.5   12.6    **  A   10    8   83        *
* 1704.99    7.5    51   1.8    87   12.6   12.7    **  A   10    8   91        *
* 1705.50   16.9    46   1.8    88   12.7   12.8    **  A   10    8   69        *
* 1706.00   13.3    50   1.8    87   12.6   12.8    **  A   10    8   79        *
* 1706.51    6.2    61   1.9    88   12.5   12.7    **  A   10    8   73        *
* 1707.02    7.0    65   1.9    88   12.5   12.7    **  A   10    8   81        *
* 1707.53   12.4    61   1.8    88   12.6   12.7        A   10    8   59        *
* 1708.04    7.3    52   1.8    88   12.6   12.7        B   10    5   46        *
* 1708.54    6.4    64   1.9    87   12.7   12.7        B   10    8   70        *
* 1709.05   10.8    28   1.9    87   12.6   12.7        D   11    2   67        *
* 1709.56   22.3    40   1.9    88   12.5   12.6    **  *    0    0   82        *
* 1710.07   23.8    43   1.9    88   12.4   12.5    **  *    0    0   95        *
* 1710.58    4.2    22   1.9    89   12.4   12.4        B   10    4   83        *
* 1711.08   10.3    56   1.9    88   12.3   12.4        D   10    1   43        *
* 1711.59    6.9    57   1.9    87   12.3   12.4        D   10    3   49        *
* 1712.10    9.1    68   1.9    87   12.4   12.5        D   10    2   67        *
* 1712.61    8.2    50   1.9    87   12.4   12.5    **  B   10    4   68        *
* 1713.12    8.8    52   1.8    86   12.4   12.4        A   10    5   67        *
* 1713.62    7.6    41   1.9    85   12.4   12.4    **  A   10    8   75        *
* 1714.13    4.0     5   1.8    84   12.4   12.4        A   10    8   40        *
* 1714.64    4.5    31   1.8    83   12.4   12.4    **  A   10    8   37        *
* 1715.15    7.4    36   1.8    83   12.4   12.4        A   10    7   45        *
* 1715.66    7.5    45   1.8    83   12.4   12.4    **  A   10    4   61        *
* 1716.16   23.7    43   1.8    83   12.4   12.4        *    0    0   50        *
* 1716.67    9.9    28   1.8    83   12.4   12.4    **  A   10    8   89        *
* 1717.18    9.6    29   1.8    83   12.4   12.4        A   10    8   87        *
* 1717.69    6.8   344   1.8    84   12.4   12.4        A   10    4   23        *
* 1718.20    1.9   267   1.8    84   12.4   12.4        *    0    0   30        *
* 1718.70   23.0   222   1.8    85   12.4   12.4        *    0    0   14        *
* 1719.21   30.9   322   1.8    85   12.4   12.4        *    0    0   38        *
* 1719.72   29.6   330   1.8    84   12.4   12.4        *    0    0   23        *
```

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 NORSKE SHELL                      31/2-9                       PAGE  7-FILE  1
****************************************************************************
*    DEPTH     DIP  DIP   DEV   DEV  DIAM  DIAM    LO   Q  C.E  PART  MAX    SPD *
*                   AZM         AZM   1-3   2-4    GI                        COR *
****************************************************************************
*                                                                          *
* 1620.66   5.9    4  1.4    91  12.3  12.3   **   A   10    6   77        *
* 1621.17   8.8   35  1.4    88  12.3  12.4   **   A   10    8   65        *
* 1621.68   8.4   30  1.4    89  12.3  12.4        A   10    8   75        *
* 1622.18   9.6   19  1.4    88  12.3  12.4        A   10    7   48        *
* 1622.69  10.7   30  1.4    86  12.3  12.4        A   10    7   56        *
* 1623.20   6.6   35  1.4    83  12.3  12.4   **   A   10    8   53        *
* 1623.71   7.0   32  1.5    81  12.3  12.4   **   A   10    8   77        *
* 1624.22   7.7   37  1.4    81  12.3  12.5   **   A   10    8   75        *
* 1624.72   6.9   53  1.4    82  12.3  12.5   **   C   10    2   82        *
* 1625.23  15.5   23  1.3    84  12.3  12.4        A   10    7   75        *
* 1625.74  17.5   22  1.2    86  12.3  12.4        A   10    6   80        *
* 1626.25   7.9   47  1.1    95  12.3  12.4   **   A   10    8   63        *
* 1626.76   7.3   29  1.1   103  12.3  12.4   **   A   10    8   56        *
* 1627.26   9.2   19  1.1   104  12.3  12.4   **   A   10    8   62        *
* 1627.77   8.8   12  1.2   101  12.3  12.4   **   A   10    8   48        *
* 1628.28   6.1   21  1.3    96  12.3  12.4        A   10    5   66        *
* 1628.79   6.1   15  1.3    93  12.3  12.4        C   10    2   43        *
* 1629.30   6.9   15  1.3    90  12.3  12.4   **   A   10    8   63        *
* 1629.80   6.5   11  1.4    89  12.3  12.4        A   10    8   68        *
* 1630.31   7.8   34  1.4    87  12.3  12.4        A   10    8   67        *
* 1630.82   7.8   31  1.4    86  12.3  12.4        A   10    8   70        *
* 1631.33   5.9   30  1.4    85  12.3  12.4        A   10    8   60        *
* 1631.84   5.7   32  1.5    84  12.3  12.4   **   A   10    8   63        *
* 1632.34   7.6   26  1.5    84  12.3  12.4   **   A   10    8   73        *
* 1632.85   7.6   27  1.5    84  12.3  12.4   **   A   10    8   84        *
* 1633.36   8.2   26  1.5    84  12.3  12.4        A   10    8   67        *
* 1633.87   8.7   27  1.6    86  12.3  12.4        A   10    8   73        *
* 1634.38   7.6   29  1.6    88  12.3  12.4   **   A   10    8   64        *
* 1634.88   8.3   28  1.6    87  12.4  12.4   **   A   10    8   55        *
* 1635.39   8.5   28  1.6    85  12.4  12.4        A   10    8   73        *
* 1635.90  12.4   23  1.6    84  12.4  12.5   **   A   10    8   74        *
* 1636.41   4.3  332  1.6    83  12.4  12.5   **   C   10    2   94        *
* 1636.92   4.4  331  1.6    82  12.4  12.5   **   C   10    2   99        *
* 1637.42  10.4   26  1.6    81  12.5  12.5        C   10    2   95        *
* 1637.93   5.9   26  1.6    81  12.4  12.4        C   10    1   92        *
* 1638.44   7.2   33  1.6    82  12.4  12.4   **   A   10    8   70        *
* 1638.95   7.0   30  1.6    83  12.4  12.4   **   A   10    8   75        *
* 1639.46   7.3   31  1.6    84  12.4  12.4   **   A   10    8   62        *
* 1639.96   6.6   27  1.6    84  12.4  12.5   **   A   10    8   59        *
* 1640.47   7.8   38  1.7    84  12.4  12.5        C   10    3   28        *
****************************************************************************
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 NORSKE SHELL                      31/2-9                       PAGE  8-FILE  1
****************************************************************************
*    DEPTH     DIP  DIP   DEV   DEV  DIAM  DIAM    LO   Q  C.E  PART  MAX    SPD *
*                   AZM         AZM   1-3   2-4    GI                        COR *
****************************************************************************
*                                                                          *
* 1640.98  25.8  134  1.7    83  12.3  12.4        *    0    0   57        *
* 1641.49  13.9   29  1.7    82  12.3  12.4   **   C   10    2   57        *
* 1642.00   6.1   27  1.7    83  12.3  12.4        A   10    8   84        *
* 1642.50   9.5   47  1.7    82  12.3  12.4   **   A   10    8   85        *
* 1643.01   8.8   51  1.7    82  12.3  12.4   **   A   10    8   70        *
* 1643.52   9.0   50  1.7    82  12.3  12.4   **   A   10    8   75        *
* 1644.03   5.8   47  1.7    82  12.3  12.4   **   A   10    8   70        *
* 1644.54   5.7   47  1.7    81  12.4  12.4   **   A   10    8   80        *
* 1645.04   6.4   40  1.7    80  12.4  12.4   **   A   10    8   85        *
* 1645.55   6.7   42  1.7    80  12.4  12.4        A   10    8   60        *
* 1646.06   6.4   36  1.7    80  12.4  12.5   **   A   10    8   73        *
* 1646.57   5.8   30  1.7    81  12.4  12.5   **   A   10    8   77        *
* 1647.08   4.6   28  1.7    81  12.4  12.6        A   10    4   62        *
* 1647.58   7.7   37  1.7    81  12.4  12.5        C   10    2   35        *
* 1648.09   9.8   38  1.7    81  12.4  12.5        A   10    8   55        *
* 1648.60   5.0   24  1.7    82  12.4  12.5        A   10    5   35        *
* 1649.11  39.9  225  1.7    81  12.3  12.5        *    0    0   23        *
* 1649.62   4.7   35  1.7    81  12.3  12.5   **   A   10    8   53        *
* 1650.12   5.3   35  1.7    81  12.3  12.5   **   A   10    8   77        *
* 1650.63   5.4   28  1.7    81  12.4  12.5        A   10    8   81        *
* 1651.14   5.1   24  1.7    80  12.4  12.5   **   A   10    8   78        *
* 1651.65  10.5   54  1.7    81  12.4  12.5   **   A   10    8   91        *
* 1652.16  11.3   56  1.7    81  12.4  12.5   **   A   10    8   93        *
* 1652.66  14.0   65  1.7    80  12.4  12.6   **   A   11    4   92        *
* 1653.17   8.2   43  1.7    80  12.3  12.5        A   10    6   88        *
* 1653.68   6.3   30  1.7    80  12.3  12.4   **   A   10    8   63        *
* 1654.19  13.1   48  1.7    80  12.3  12.4        C   10    2   53        *
* 1654.70  38.5  212  1.7    81  12.3  12.4        *    0    0   39        *
* 1655.20  64.4  191  1.7    81  12.3  12.4   **   *    0    0   44        *
* 1655.71   6.6   40  1.6    81  12.3  12.4        A   10    5   32        *
* 1656.22   6.5   39  1.6    81  12.3  12.4        A   10    8   65        *
* 1656.73   6.6   36  1.7    80  12.3  12.4   **   A   10    8   76        *
* 1657.24   6.0   34  1.7    79  12.3  12.4   **   A   10    8   76        *
* 1657.74   5.3   41  1.7    80  12.3  12.4   **   A   10    8   74        *
* 1658.25   5.9   31  1.7    81  12.3  12.4        A   10    8   48        *
* 1658.76   5.8   34  1.7    81  12.3  12.4        A   10    8   56        *
* 1659.27   6.1   31  1.7    81  12.3  12.4        A   10    8   79        *
* 1659.78   5.6   34  1.7    81  12.3  12.5   **   A   10    8   54        *
* 1660.28   5.1   34  1.7    80  12.3  12.5   **   A   10    8   84        *
* 1660.79   5.4   31  1.7    80  12.3  12.5   **   A   10    8   64        *
****************************************************************************
```

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 NORSKE SHELL                      31/2-9                       PAGE  9-FILE  1
****************************************************************************
*    DEPTH     DIP  DIP   DEV   DEV  DIAM  DIAM    LO   Q  C.E  PART  MAX    SPD *
*                   AZM         AZM   1-3   2-4    GI                        COR *
****************************************************************************
*
```

```
 NORSKE SHELL                      31/2-9                    PAGE  5-FILE  1
************************************************************************
*   DEPTH   DIP  DIP  DEV  DEV  DIAM  DIAM  LO  Q  C.E PART  MAX  SPD  *
*                AZM       AZM  1-3   2-4   GI                    COR  *
************************************************************************
*                                                                      *
* 1580.02  30.4  166  0.6   85  12.3  13.2      *    0    0   60       *
* 1580.53   3.4   46  0.6   85  12.3  13.2      C   11    1   61       *
* 1581.04   3.1   51  0.7   85  12.3  13.2      D   10    3   83       *
* 1581.54   7.4  243  0.6   85  12.3  13.1      *    0    0   82       *
* 1582.05  46.0  195  0.6   86  12.3  13.0      *    0    0   76       *
* 1582.56   8.1  337  0.6   88  12.3  13.0      D   11    2   75       *
* 1583.07   1.2   31  0.6   90  12.3  12.9      B   10    5   67       *
* 1583.58   6.2   37  0.7   92  12.4  12.9      B   10    8   74       *
* 1584.08   7.5   40  0.7   94  12.4  12.8      B   10    8   70       *
* 1584.59   3.0  208  0.7   97  12.4  12.8  **  D   11    2   16       *
* 1585.10  24.2  315  0.7  103  12.4  12.8      *    0    0   29       *
* 1585.61  31.6  187  0.7  113  12.4  12.8      *    0    0   32       *
* 1586.12  39.6  337  0.7  117  12.3  12.9      *    0    0   65       *
* 1586.62  74.3  337  0.7  118  12.4  13.0      *    0    0   48       *
* 1587.13  15.6  344  0.7  122  12.4  13.0      D   10    1   26       *
* 1587.64   6.8  348  0.7  123  12.4  12.9      D   10    1   38       *
* 1588.15  12.9  338  0.7  119  12.4  12.9  **  B   10    8   64       *
* 1588.66  12.7  330  0.7  114  12.4  12.9  **  B   10    6   70       *
* 1589.16  23.1  253  0.7  110  12.4  13.0      *    0    0   40       *
* 1589.67  11.2  355  0.7  109  12.4  13.0      D   10    3   42       *
* 1590.18  15.0    2  0.7  108  12.4  13.0      D   11    1   43       *
* 1590.69  45.7   30  0.7  108  12.4  13.0      *    0    0   32       *
* 1591.20  12.3  333  0.7  108  12.4  12.9  **  A   10    8   22       *
* 1591.70  12.1  317  0.7  109  12.4  12.8      A   10    5   51       *
* 1592.21   8.5  301  0.7  109  12.4  12.7  **  C   10    2   32       *
* 1592.72   8.1  349  0.6  106  12.4  12.6  **  C   10    2   44       *
* 1593.23   7.2  331  0.6  105  12.4  12.6  **  A   10    8   37       *
* 1593.74   7.0  331  0.6  103  12.4  12.6      C   10    2   34       *
* 1594.24  14.1  325  0.7  102  12.4  12.6      A   10    7   71       *
* 1594.75  11.6  315  0.7  101  12.4  12.6      A   10    5   62       *
* 1595.26   9.7  321  0.7   99  12.4  12.6      A   10    5   74       *
* 1595.77  15.3  308  0.7   95  12.4  12.5  **  A   10    8   75       *
* 1596.28  14.7  335  0.7   93  12.4  12.5      B   10    4   77       *
* 1596.78  12.1  350  0.8   92  12.4  12.5  **  D   10    2   70       *
* 1597.29   3.4  317  0.8   91  12.3  12.6      D   21    1   55       *
* 1597.80  16.3  336  0.8   91  12.4  12.6  **  B   10    6   93       *
* 1598.31  19.2  335  0.8   91  12.5  12.7      B   10    5   96       *
* 1598.82  42.8  150  0.8   91  12.5  12.7      D   31    3   66       *
* 1599.32  11.9  352  0.8   91  12.5  12.6      D   10    1   74       *
* 1599.83  46.7  155  0.8   92  12.4  12.5      *    0    0   96       *
************************************************************************
```

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 NORSKE SHELL                      31/2-9                    PAGE  6-FILE  1
************************************************************************
*   DEPTH   DIP  DIP  DEV  DEV  DIAM  DIAM  LO  Q  C.E PART  MAX  SPD  *
*                AZM       AZM  1-3   2-4   GI                    COR  *
************************************************************************
*                                                                      *
* 1600.34  46.4  144  0.8   92  12.3  12.4      D   30    3   85       *
* 1600.85   4.1  111  0.8   91  12.3  12.4      B   20    8   82       *
* 1601.36   2.5  127  0.8   89  12.3  12.4  **  B   10    8   77       *
* 1601.86   2.6   44  0.8   89  12.3  12.4  **  B   10    8   79       *
* 1602.37   4.2   44  0.7   88  12.3  12.4  **  B   10    8   71       *
* 1602.88   4.5   41  0.7   88  12.3  12.4  **  B   10    8   63       *
* 1603.39   4.7    3  0.7   89  12.3  12.4      B   10    5   46       *
* 1603.90   8.4    1  0.7   91  12.3  12.4  **  D   11    2   30       *
* 1604.40  48.9   13  0.8   92  12.3  12.4      *    0    0   54       *
* 1604.91  30.9  247  0.8   91  12.3  12.4      *    0    0   39       *
* 1605.42  24.4   29  0.8   92  12.3  12.4      *    0    0   53       *
* 1605.93  38.9    7  0.8   91  12.3  12.5      *    0    0   11       *
* 1606.44  59.9   22  0.9   92  12.3  12.5  **  B   10    4   82       *
* 1606.94  58.6   18  0.9   92  12.3  12.4      D   11    1   87       *
* 1607.45  47.8   20  0.9   90  12.3  12.4      *    0    0   41       *
* 1607.96  40.6   18  1.0   90  12.3  12.5      *    0    0   98       *
* 1608.47  14.9  339  1.0   89  12.3  12.5      *    0    0   93       *
* 1608.98  10.1  335  1.0   89  12.3  12.4      *    0    0   96       *
* 1609.48  15.6  204  1.0   90  12.3  12.4      *    0    0   48       *
* 1609.99  50.6   36  0.9   92  12.3  12.4      *    0    0   63       *
* 1610.50  53.8   32  1.0   92  12.3  12.4      *    0    0   68       *
* 1611.01  58.7   24  1.0   91  12.3  12.4      D   10    3   33       *
* 1611.52   7.7   19  1.0   89  12.3  12.4  **  C   10    2   19       *
* 1612.02   9.8   29  1.1   88  12.3  12.4  **  A   10    8   29       *
* 1612.53  10.4   26  1.1   88  12.3  12.5  **  A   10    8   49       *
* 1613.04  10.5   16  1.2   89  12.3  12.5      A   10    7   56       *
* 1613.55  13.6   80  1.3   90  12.3  12.5      A   11    4   80       *
* 1614.06  11.8   45  1.4   88  12.3  12.5  **  C   10    2   88       *
* 1614.56   7.1   17  1.4   86  12.3  12.5  **  A   11    8   99       *
* 1615.07   8.6   13  1.4   87  12.3  12.5  **  A   10    8   78       *
* 1615.58   6.0  352  1.4   88  12.3  12.5  **  A   10    8   79       *
* 1616.09   6.2  349  1.5   89  12.3  12.4  **  A   10    8   81       *
* 1616.60  10.0   34  1.5   90  12.3  12.4      A   10    8   86       *
* 1617.10   9.9   36  1.5   89  12.3  12.4  **  A   10    8   72       *
* 1617.61   8.6   31  1.5   88  12.3  12.4  **  A   10    8   83       *
* 1618.12   8.7   37  1.4   87  12.3  12.4  **  A   10    8   89       *
* 1618.63   9.4   44  1.4   88  12.3  12.4  **  A   10    8   73       *
* 1619.14   9.7   27  1.4   90  12.3  12.4      A   10    8   80       *
* 1619.64   7.2   25  1.4   92  12.3  12.4  **  A   10    8   74       *
* 1620.15   7.3    4  1.4   93  12.3  12.4  **  A   10    8   84       *
************************************************************************
```

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 NORSKE SHELL                     31/2-9                   PAGE  3-FILE  1
*********************************************************************
*   DEPTH   DIP  DIP  DEV  DEV  DIAM  DIAM  LO  Q C.E PART MAX  SPD *
*                AZM       AZM   1-3   2-4  GI                  COR *
*********************************************************************
*                                                                   *
* 1539.38   7.2  255  1.9   75  12.5  13.5      B  10    5  80      *
* 1539.89   6.2  256  1.9   74  12.6  13.6      D  10    2  58      *
* 1540.40  29.5  142  1.8   72  12.6  13.7      *   0    0  52      *
* 1540.90  60.8  239  1.7   70  12.7  13.5      *   0    0   9      *
* 1541.41  46.5  141  1.7   72  12.7  13.3      *   0    0  59      *
* 1541.92  33.6  233  1.6   73  12.8  13.4      *   0    0  65      *
* 1542.43  38.8   94  1.6   74  12.9  13.6      *   0    0  47      *
* 1542.94  12.7    9  1.5   74  12.8  13.4      D  11    1  37      *
* 1543.44   9.0  334  1.5   75  12.7  13.1      D  11    3  43      *
* 1543.95  16.6  348  1.5   76  12.7  13.2      D  10    3  92      *
* 1544.46   5.5  302  1.5   77  12.8  13.6      *   0    0  57      *
* 1544.97  17.4  188  1.5   76  12.8  13.7      *   0    0  19      *
* 1545.48   3.9  353  1.4   75  13.0  13.4      B  10    8  77      *
* 1545.98   3.2  344  1.5   74  13.3  13.4      B  10    7  80      *
* 1546.49  30.1  299  1.5   73  13.6  13.9      *   0    0  62      *
* 1547.00  44.2   87  1.5   73  13.5  13.9      *   0    0  49      *
* 1547.51  18.1   37  1.6   73  13.4  13.5      *   0    0  60      *
* 1548.02   7.9  352  1.7   76  13.7  13.6  **  D  10    2  87      *
* 1548.52   1.6  319  1.7   79  13.2  13.4  **  D  10    2  98      *
* 1549.03   1.4  332  1.7   80  12.5  12.9  **  D  10    2  98      *
* 1549.54  10.2  341  1.7   80  12.5  12.7      D  11    1  43      *
* 1550.05   7.6  117  1.7   81  12.5  12.7  **  *   0    0  83      *
* 1550.56  16.8  357  1.7   81  12.5  12.7      *   0    0  73      *
* 1551.06  16.8   95  1.5   79  12.5  12.8      *   0    0  32      *
* 1551.57  47.5  108  1.3   76  12.6  12.8      *   0    0  77      *
* 1552.08   2.0  112  1.4   77  12.6  12.7      B  10    5  57      *
* 1552.59  11.8  307  1.5   80  12.5  12.8      *   0    0  44      *
* 1553.10   9.8  134  1.5   79  12.4  12.7      D  10    1  52      *
* 1553.60   6.9  145  1.4   77  12.4  12.6  **  B  10    8  81      *
* 1554.11   5.9  148  1.4   78  12.4  12.5  **  B  10    8  80      *
* 1554.62   2.1   39  1.5   79  12.3  12.5      D  10    3  72      *
* 1555.13   3.4  183  1.5   78  12.3  12.5      D  10    1  91      *
* 1555.64   4.1  163  1.4   76  12.3  12.4      D  10    1  69      *
* 1556.14   3.2  146  1.3   75  12.3  12.4      D  10    2  78      *
* 1556.65  32.0  146  1.3   75  12.3  12.4      *   0    0  61      *
* 1557.16  16.4  347  1.3   75  12.3  12.4      *   0    0  37      *
* 1557.67  14.4  104  1.3   75  12.4  12.4      *   0    0  63      *
* 1558.18  40.8  157  1.3   75  12.4  12.5      D  20    3  87      *
* 1558.68  37.7  156  1.3   75  12.3  12.5      D  20    2  65      *
* 1559.19   5.5  128  1.3   77  12.3  12.4      B  10    5  41      *
*********************************************************************
```

```
 NORSKE SHELL                     31/2-9                   PAGE  4-FILE  1
*********************************************************************
*   DEPTH   DIP  DIP  DEV  DEV  DIAM  DIAM  LO  Q C.E PART MAX  SPD *
*                AZM       AZM   1-3   2-4  GI                  COR *
*********************************************************************
*                                                                   *
* 1559.70   3.7   60  1.3   78  12.3  12.5      D  10    3  40      *
* 1560.21   4.2   46  1.2   78  12.3  12.5  **  B  10    8  14      *
* 1560.72   2.4   80  1.1   79  12.3  12.5      A  10    8  40      *
* 1561.22   1.5  107  1.1   79  12.3  12.5      A  10    8  75      *
* 1561.73   2.6   69  1.0   79  12.3  12.5      A  10    8  60      *
* 1562.24  63.0   24  1.0   79  12.3  12.5      *   0    0  60      *
* 1562.75   9.5   57  1.0   79  12.3  12.5  **  A  10    8  86      *
* 1563.26   7.0   75  1.0   79  12.3  12.4  **  A  10    8  88      *
* 1563.76   4.9   55  1.0   79  12.3  12.4      C  10    2  82      *
* 1564.27   4.6   44  1.1   79  12.4  12.4      A  10    8  57      *
* 1564.78   5.1   47  1.1   79  12.4  12.5      A  10    5  56      *
* 1565.29   7.0   21  1.0   79  12.4  12.5  **  A  10    6  41      *
* 1565.80   6.6   22  1.0   79  12.3  12.5  **  B  10    8  41      *
* 1566.30   7.5  360  1.0   79  12.3  12.5      D  10    2  38      *
* 1566.81  36.8  181  1.0   79  12.4  12.5  **  *   0    0  25      *
* 1567.32   4.8  199  1.0   79  12.4  12.6      D  11    1  83      *
* 1567.83   1.4  243  0.9   80  12.3  12.6      D  10    1  68      *
* 1568.34   5.1  158  0.9   80  12.3  12.6      D  11    1  23      *
* 1568.84  14.1  234  0.9   81  12.3  12.7      *   0    0  44      *
* 1569.35   2.3   84  0.9   81  12.3  12.7      D  10    1  88      *
* 1569.86   4.6   23  0.9   81  12.3  12.7  **  B  10    6  97      *
* 1570.37   4.5   50  0.9   82  12.3  12.7      B  10    8  89      *
* 1570.88   1.9  161  0.9   82  12.3  12.8      *   0    0  80      *
* 1571.38   4.1  108  0.9   82  12.3  12.9      *   0    0  84      *
* 1571.89   4.0  321  0.9   82  12.3  12.9      D  10    1  76      *
* 1572.40  16.7  286  0.8   83  12.3  12.9      *   0    0  47      *
* 1572.91  48.0  193  0.8   84  12.3  13.0      *   0    0  80      *
* 1573.42  41.9  188  0.8   84  12.3  13.0      *   0    0  79      *
* 1573.92   5.2  331  0.8   83  12.3  13.0  **  D  10    2  87      *
* 1574.43   5.2  331  0.7   82  12.3  13.0      D  10    3  84      *
* 1574.94   7.4  339  0.7   82  12.3  13.0  **  B  10    8  90      *
* 1575.45   8.5  340  0.7   81  12.3  13.0  **  B  10    8  93      *
* 1575.96   7.7  332  0.7   82  12.3  13.0  **  A  10    8  81      *
* 1576.46  12.5  338  0.7   82  12.3  13.0  **  A  10    8  91      *
* 1576.97  11.6  342  0.7   83  12.3  13.1  **  A  10    8  91      *
* 1577.48   7.1  346  0.7   83  12.3  13.1      C  10    2  69      *
* 1577.99   4.8  323  0.6   83  12.3  13.1      C  11    2  56      *
* 1578.50   8.5  312  0.6   84  12.3  13.1      C  10    2  50      *
* 1579.00   5.0  317  0.6   86  12.3  13.1      C  10    3  40      *
* 1579.51   2.9  338  0.6   85  12.3  13.1      C  10    1  63      *
*********************************************************************
```

```
                 ARROW LISTING
                   *********

NORSKE SHELL
TROLL/APPRAISAL WELL
NORWAY O/S
31/2-9
RUN NO. ONE   JOB NO.  510192
CLUSTER RESULTS ONLY
DATE LOGGED 25 SEP 82
1 MTR.  CORR.  =  0.50 MTR. STEP
35 DEG. X 2  SEARCH ANGLE
MAGNETIC DECLINATION 5 DEG W
```

```
 NORSKE SHELL                    31/2-9                       PAGE  1-FILE  1
**************************************************************************
*  DEPTH    DIP  DIP  DEV  DEV  DIAM  DIAM   LO  Q  C.E  PART  MAX  SPD  *
*                AZM       AZM   1-3   2-4   GI                     COR  *
**************************************************************************
*                                                                        *
* 1498.74  52.7  145  1.4   17  20.3  19.3       *    0     0   31       *
* 1499.25  16.2  328  1.5   50  20.2  18.4       *    0     0   52       *
* 1499.76   4.8  268  1.6   80  19.8  17.8       D   10     3   65       *
* 1500.26   5.5  293  1.9   78  19.1  18.0       B   10     5   79       *
* 1500.77   1.0  120  2.1   77  19.1  18.3       B   10     7   79       *
* 1501.28   0.9  136  2.2   77  19.7  19.3       D   10     3   83       *
* 1501.79  34.4  259  2.3   76  19.9  19.5       *    0     0   68       *
* 1502.30  16.0   99  2.5   74  19.7  19.0       *    0     0   20       *
* 1502.80  15.1   47  2.6   75  19.5  19.1       *    0     0   55       *
* 1503.31   3.6  316  2.5   76  19.2  18.9       B   10     6   33       *
* 1503.82   9.1  215  2.4   76  19.1  18.6       D   11     1   51       *
* 1504.33  26.0  150  2.3   76  18.8  18.5       *    0     0   52       *
* 1504.84  28.0  298  2.3   72  17.9  17.9       *    0     0   45       *
* 1505.34  20.8  145  2.3   70  16.0  16.6       D   10     1   31       *
* 1505.85  46.4  292  2.3   72  14.5  15.8       *    0     0   28       *
* 1506.36  75.0  254  2.3   70  14.9  15.6       *    0     0   37       *
* 1506.87  15.7  248  2.3   67  15.5  15.1       *    0     0   28       *
* 1507.38  70.8  284  2.3   71  15.7  15.1       *    0     0   47       *
* 1507.88  42.3  288  2.2   79  15.2  15.3       *    0     0   51       *
* 1508.39  20.4  137  2.1   89  14.4  15.1       B   10     5   40       *
* 1508.90  38.0  250  2.0   92  14.2  14.7       *    0     0   23       *
* 1509.41  31.6  332  2.0   86  14.2  14.4   **  *    0     0   17       *
* 1509.92  32.2  179  2.0   77  14.0  14.4       *    0     0   33       *
* 1510.42  35.1  184  2.0   72  13.9  14.6       *    0     0   13       *
* 1510.93  52.5  316  2.0   71  14.3  14.7       *    0     0   42       *
* 1511.44  26.9   22  2.0   72  14.6  15.0       *    0     0   28       *
* 1511.95  15.4  113  1.9   73  15.0  15.5       *    0     0   39       *
* 1512.46  14.9  114  1.9   73  15.1  15.7       *    0     0   33       *
* 1512.96  18.8  135  1.9   74  14.8  15.3       *    0     0   44       *
* 1513.47   4.5   14  2.0   76  14.7  15.1   **  *    0     0   45       *
* 1513.98  14.1   99  2.0   77  14.8  15.1   **  *    0     0   27       *
* 1514.49  17.4  281  2.0   73  15.0  14.9       *    0     0   37       *
* 1515.00  16.5  279  2.1   72  14.8  14.7       *    0     0   34       *
* 1515.50  32.9  113  2.1   72  14.6  14.8       *    0     0   37       *
* 1516.01  11.4  209  2.0   72  14.5  14.6       *    0     0   22       *
* 1516.52  33.8  196  2.0   73  14.5  14.5       *    0     0   40       *
* 1517.03  36.6  313  2.0   74  14.5  14.6       *    0     0   25       *
* 1517.54  29.8  298  2.0   74  14.3  14.6   **  *    0     0   33       *
* 1518.04  57.4  267  1.9   74  14.3  14.8       *    0     0   31       *
* 1518.55  11.7  235  1.9   76  14.4  15.1       *    0     0   30       *
**************************************************************************
```

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 NORSKE SHELL                    31/2-9                       PAGE  2-FILE  1
**************************************************************************
*  DEPTH    DIP  DIP  DEV  DEV  DIAM  DIAM   LO  Q  C.E  PART  MAX  SPD  *
*                AZM       AZM   1-3   2-4   GI                     COR  *
**************************************************************************
*                                                                        *
* 1519.06   3.5  261  1.9   76  14.3  15.1       *    0     0   32       *
* 1519.57  49.7  263  1.9   76  14.2  15.0       *    0     0   28       *
* 1520.08  24.9  235  1.9   77  14.1  15.1       *    0     0   34       *
* 1520.58   7.1    7  2.0   75  13.9  14.9   **  *    0     0   23       *
* 1521.09  36.3   59  2.0   71  13.5  14.6       *    0     0   25       *
* 1521.60  64.1    9  2.0   71  12.9  14.4       *    0     0   44       *
* 1522.11  53.9   34  1.9   72  13.0  14.3       *    0     0   49       *
* 1522.62  75.7  250  1.9   73  13.5  14.3       *    0     0   61       *
* 1523.12  16.6  344  1.8   73  13.4  14.3       *    0     0   34       *
* 1523.63  15.6  122  1.7   75  13.4  14.5       *    0     0   37       *
* 1524.14  13.1  117  1.6   77  13.7  14.7       *    0     0   36       *
* 1524.65  27.1  163  1.7   77  13.9  14.8   **  *    0     0   21       *
* 1525.16  28.3  194  1.8   76  13.8  14.8       *    0     0   32       *
* 1525.66  29.2  189  1.9   77  13.5  14.8       *    0     0   20       *
* 1526.17  31.5   39  1.9   78  13.6  14.7       *    0     0   52       *
* 1526.68  32.8   31  2.0   78  14.2  14.6       *    0     0   26       *
* 1527.19  30.2  137  2.0   79  13.8  14.4       *    0     0   23       *
* 1527.70  42.2  320  1.9   79  13.0  14.3       *    0     0   21       *
* 1528.20  30.0  331  1.9   79  12.7  14.3       *    0     0   43       *
* 1528.71  32.3  177  1.8   78  12.6  14.2       *    0     0    6       *
* 1529.22  43.0  171  1.7   78  12.5  14.2       *    0     0   24       *
* 1529.73  23.1  131  1.6   76  12.5  14.1       *    0     0   30       *
* 1530.24  10.1  241  1.5   75  12.6  13.9       *    0     0   48       *
* 1530.74  13.9  267  1.3   73  12.8  13.8       *    0     0   40       *
* 1531.25  10.4   60  1.3   73  12.5  13.5   **  D   11     2   24       *
* 1531.76  51.2  113  1.3   75  12.3  13.3       *    0     0   30       *
* 1532.27  54.6  102  1.4   76  12.5  13.4       *    0     0   32       *
* 1532.78  16.4   60  1.4   75  12.6  13.8       D   10     1   40       *
* 1533.28  64.7  310  1.5   75  12.8  14.2       *    0     0   31   *   *
* 1533.79  16.0   41  1.5   77  12.7  14.3       D   10     1   24       *
* 1534.30  15.2   44  1.6   78  12.5  14.2       B   10     4   37       *
* 1534.81  25.0  292  1.7   74  12.6  14.0       *    0     0   14       *
* 1535.32   4.6  278  1.7   71  12.7  14.3       D   10     1   22       *
* 1535.82  34.0  211  1.8   71  12.8  14.3       *    0     0   24       *
* 1536.33  64.2  157  1.8   73  12.7  14.0       *    0     0   37       *
* 1536.84   6.6   39  1.9   74  12.5  13.8       D   10     1   16       *
* 1537.35   3.1  156  1.9   75  12.3  13.8       B   10     4   90       *
* 1537.86   3.8  195  2.0   76  12.3  13.9       B   10     4   82       *
* 1538.36  34.4    7  2.0   76  12.4  13.9       *    0     0   49       *
* 1538.87   9.8  281  2.0   76  12.5  13.6       D   10     1   61       *
**************************************************************************
```

```
****************
*              *
****************
* SCHLUMBERGER *
****************

 HIGH RESOLUTION
    DIPMETER
    ********

  ARROW LISTING
   *********

NORSKE SHELL
TROLL/APPRAISAL WELL
NORWAY O/S
31/2-9
RUN NO. ONE   JOB NO.  S10192
CLUSTER RESULTS ONLY
DATE LOGGED 25 SEP 82
1 MTR.  CORR.  =  0.50 MTR. STEP
35 DEG. X 2  SEARCH ANGLE
MAGNETIC DECLINATION 5 DEG W
```

```
****************
*              *
****************
* SCHLUMBERGER *
****************

 HIGH RESOLUTION
    DIPMETER
    ********
```