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1996.00  0.5   40   3.0  113    8.4  8.4  8.5   A   59   15  IIIIII  0.454
1995.50  0.5   34   4.3  101    8.4  8.3  8.6   A   52   15  IIIIII  0.549
1995.00  0.6   40   6.3   97    8.4  8.3  8.6   B   36   15  IIIIII  0.768
1994.50  0.6   43   8.4   99    8.5  8.4  8.8   B   32   15  IIIIII  0.877
1994.00  0.6   41   6.4  102    8.4  8.3  8.6   A   58   15  IIIIII  0.509
1993.50  0.5   43   6.4  103    8.6  8.4  8.8   A   60   15  IIIIII  0.436
1993.00  0.6   46   4.5   93    8.6  8.3  8.9   B   40   11  IIIIII  1.281
1992.50  0.6   39   5.7  108    8.8  8.3  9.0   B   37   13  IIIIII  1.268
1992.00  0.7   35   6.7  110    8.7  8.4  9.0   A   42   14  IIIIII  0.903
1991.50  0.7   38   6.8  106    8.5  8.4  8.9   B   35   14  IIIIII  1.162
1991.00  0.6   36   6.1  107    8.4  8.3  8.7   A   50   13  IIIIII  0.691
1990.50  0.6   38   9.2  101    8.4  8.3  8.7   A   48   15  IIIIII  1.136
1990.00  0.7   36  11.7  113    8.4  8.4  8.7   D   22   13  IIIIII  1.797
1989.50  0.7   45  18.0  252    8.3  8.3  8.6   E    6    6  IIIIII  0.804
1989.00  0.6   35   5.5  110    8.4  8.5  8.6   E    4    9  IIIIII  1.444
1988.50  0.7   38  21.0  104    8.5  8.5  8.6   E    4    6  II.III  1.374
1988.00  0.7   44  10.5   61    8.4  8.5  8.8   D   19    9  IIIIII  1.272
1987.50  0.7   45   3.5  144    8.4  8.4  8.7   E    9    6  II.III  0.984

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1987.00  0.6   47  33.0  171    8.4  8.5  8.9   E   11    6  IIIIII  1.522
1986.50  0.6   42   5.9  133    8.4  8.4  8.8   C   28    9  IIIIII  1.152
1986.00  0.6   50   2.3  174    8.4  8.6  8.9   A   87   14  IIIIII  1.084
1985.50  0.7   38   2.9  175    9.3  9.1  9.0   A   88   15  IIIIII  0.628
1985.00  0.7   47   4.1  192   12.8 10.7 10.9   A   90   15  IIIIII  1.324
1984.50  0.7   55   8.6  183    8.7  9.3  8.9   A   92   10  IIIIII  1.472
1984.00  0.7   48  31.1  195    9.0  9.2  8.5   E   11    4  I.I.II  1.192
1983.50  0.7   50  28.1  205    8.6  9.4  8.6   E   14    9  IIIIII  1.357
1983.00  0.7   47  29.2   79    8.9  9.2  8.2   C   18    3  I..II.  0.283
1982.50  0.8   50              12.2  9.6  8.8   -    0    0  ......
1982.00  0.7   49  13.8  156    9.2  9.3  9.4   A   88    8  IIIIII  1.505
1981.50  0.6   41   3.0  169    9.6  9.1  8.9   A   86   15  IIIIII  0.787
1981.00  0.7   35   2.1  175    8.6  8.6  8.2   A   90   15  IIIIII  0.512
1980.50  0.7   38   9.8  158    8.7  8.6  8.1   A   87   10  IIIIII  0.849
1980.00  0.7   39   8.3  169    8.6  8.6  8.0   A   85   12  IIIIII  1.475
1979.50  0.7   43   5.0  116    9.4  9.6  8.5   A   67    9  IIIIII  1.475
1979.00  0.7   41   7.7   85   12.3 10.8 11.2   A   87   10  IIIIII  1.559
1978.50  0.7   44   5.4  204   11.1 10.0  8.4   E   11    5  .IIIII  1.068
1978.00  0.7   44  22.2  227   10.6  9.5  9.1   A   85    5  II.II.  1.497
1977.50  0.7   48  18.5  257    8.6  9.3  8.4   A   86    4  .IIIII  1.068
1977.00  0.7   43   2.8  185    8.6  9.3  8.3   A   47   14  IIIIII  0.451
1976.50  0.7   49               8.7  9.3  8.3   -    0    0  ......
1976.00  0.8   48  28.8   43    8.9  9.0  8.0   D   14    4  .II.II  0.834
1975.50  0.8   49   3.7  234    8.8  8.9  8.0   D   21    9  IIIIII  1.283
1975.00  0.8   52   2.8  109    8.8  8.9  8.0   D   24    9  IIIIII  1.443
1974.50  0.8   50   2.8  143    8.7  8.8  8.0   C   26   14  IIIIII  1.239
1974.00  0.8   46   3.2  156    8.8  8.8  8.0   A   48    8  IIIIII  1.127
1973.50  0.8   47   6.1  203    9.0  9.1  8.1   C   29   13  IIIIII  1.436
1973.00  0.7   47   6.9  210    8.9  8.9  8.2   D   26   13  IIIIII  1.675
1972.50  0.7   49   2.8  314    8.9  8.9  8.1   C   33   10  IIIIII  1.487
1972.00  0.8   47   1.7  142    8.8  8.8  8.1   A   50    6  IIIIII  0.521
1971.50  0.7   46   4.0  182    8.8  8.8  8.2   B   34    8  IIIIII  0.639
1971.00  0.7   46   4.4  193    8.8  8.7  8.1   B   36   13  IIIIII  1.204
1970.50  0.7   45   5.5  195    8.8  8.8  8.2   C   26   13  IIIIII  1.200
1970.00  0.7   50   6.5  209    8.8  8.8  8.3   A   42    9  IIIIII  0.463
1969.50  0.7   52   4.1  229    9.1  8.9  8.4   B   41   10  IIIIII  1.777
1969.00  0.7   47   2.4  260    9.3  9.0  8.4   B   33   13  IIIIII  1.222
1968.50  0.8   45   3.5  255    9.3  8.8  8.2   C   31   13  IIIIII  1.111
1968.00  0.7   45   5.6   20    9.2  8.7  8.4   D   20    9  IIIIII  1.706
1967.50  0.7   47   4.4   39    9.1  9.0  8.3   D   18    8  IIIIII  1.054
1967.00  0.7   39  14.7  204    8.9  8.7  8.3   A   53    4  III.II  1.494
1966.50  0.7   45   5.1  169    8.7  8.5  8.3   A   64    6  IIIIII  0.804
1966.00  0.7   48   1.9  105    8.6  8.5  8.2   B   37   13  IIIIII  1.323
1965.50  0.7   44   2.8  280    8.7  8.6  8.3   A   66   10  IIIIII  1.765
1965.00  0.7   40   2.2  322    8.8  8.7  8.2   A   69   10  IIIIII  1.728
1964.50  0.7   47   4.0  117    8.9  8.8  8.2   A   78   15  IIIIII  0.984
1964.00  0.8   45   4.1  115    8.7  8.7  8.3   A   77   15  IIIIII  1.046
1963.50  0.7   56   1.2   88    8.8  8.9  8.4   A   81   15  IIIIII  0.602
1963.00  0.7   49   9.9  247    8.9  8.8  8.2   A   61   15  IIIIII  0.469
1962.50  0.7   49   9.4  248    8.7  8.6  8.3   A   59   15  IIIIII  0.766
1962.00  0.7   52  10.8  159    8.6  8.5  8.1   B   42    7  II.III  1.235
1961.50  0.7   51   3.0  153    8.4  8.2  8.1   C   33   11  IIIIII  1.591
1961.00  0.7   50   3.2  311    8.3  8.1  8.0   A   51   11  IIIIII  1.470
1960.50  0.7   50               8.5  8.3  8.1   -    0    0  ......

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1960.00  0.6   50               8.5  8.3  8.3   -    0    0  ......
1959.50  0.7   49   2.1  154    8.2  8.1  8.0   A   62   14  IIIIII  1.050
1959.00  0.7   50   2.0  322    8.1  8.1  8.1   A   66   11  IIIIII  1.492
1958.50  0.7   53   1.2   44    8.3  8.2  8.4   A   65   12  IIIIII  1.422
1958.00  0.6   55   2.7  311    8.4  8.4  8.6   A   61   12  IIIIII  1.414
1957.50  0.6   49   5.0  264    8.4  8.4  8.5   B   40    8  IIIII.  1.038
1957.00  0.7   53   4.7  237    8.4  8.4  8.4   A   49   10  IIIIII  1.249
1956.50  0.6   55   1.9  124    8.4  8.4  8.3   B   42   10  IIIIII  1.211
1956.00  0.7   53   4.9  113    8.5  8.3  8.3   A   61   10  IIIIII  1.667
1955.50  0.6   53   2.9   98    8.2  8.1  8.1   A   55   13  IIIIII  1.561
1955.00  0.6   55   2.0  328    8.1  8.1  8.0   A   92   13  IIIIII  1.428
1954.50  0.6   50   2.8  355    8.1  8.2  8.1   A   94   11  IIIIII  1.469
1954.00  0.7   57  22.2   53    8.7 10.0  8.8   C   29    3  I.I..I  0.859
1953.50  0.6   54  26.0   18    9.9 12.0  8.5   B   28    3  .I.II.  0.490
1953.00  0.4   66  27.1   39   10.3 11.3  8.5   D   22    5  IIIIII  1.398
1952.50  0.6   63  30.2  307    8.4  8.5  8.2   C   27    4  III.II  0.931
1952.00  0.5   50  18.3  213    8.6  9.2  9.7   E    8    8  IIII.I  1.206
1951.50  0.6   51  30.6  334    8.6  8.8  8.6   E    2    5  II..II  1.106
1951.00  0.6   36  24.4  133    8.8  9.4  8.9   A   50    3  II..I.  0.907
1950.50  0.5   54  20.9  126    9.1  8.6  8.8   B   34    3  II..I.  0.425
1950.00  0.5   51   3.9  137    8.8  9.1  8.7   A   34    3  I..I.I  0.015
1949.50  0.4   57  27.7  258    8.9  9.0  9.0   D    9    4  I.I.II  0.300
1949.00  0.5   40  16.7  133    8.6  8.3  8.8   C   20    6  II.III  0.842
1948.50  0.4   50  16.6   59    9.0  8.7  9.0   D   13    5  III.II  0.669
1948.00  0.5   42  30.2   74    8.9  8.1  8.8   E    4    4  .II.II  0.544
1947.50  0.5   46   6.6  319    8.3  8.1  8.4   A   93   13  IIIIII  1.508
1947.00  0.5   46   7.2  316    8.2  8.2  8.1   A   91   13  IIIIII  1.843
1946.50  0.5   47   5.2  294    8.1  8.0  8.1   A   62   15  IIIIII  1.062
1946.00  0.6   42   5.8  289    8.1  8.1  8.1   A   76   15  IIIIII  0.967
1945.50  0.6   43   8.8  307    8.1  8.1  8.2   A   86   13  IIIIII  1.361
1945.00  0.6   42   3.9  292    8.1  8.1  8.1   A   77   15  IIIIII  0.748
1944.50  0.5   44   9.4  297    8.1  8.1  8.1   A   89    7  III.II  0.941
1944.00  0.5   45   4.6  356    8.2  8.1  8.3   A   60   13  IIIIII  1.514
1943.50  0.5   46   6.7  342    8.2  8.2  8.3   A   68   14  IIIIII  1.512
1943.00  0.5   49  19.7  343    8.2  8.2  8.3   A   86   10  IIIIII  1.637
1942.50  0.4   50  26.2  330    8.1  8.1  8.0   C   31    8  IIIIII  1.242
1942.00  0.4   48   6.2   86    8.1  8.1  8.1   C   26   11  IIIIII  1.461
1941.50  0.4   49   3.5  103    8.1  8.1  8.1   B   38   14  IIIIII  1.182
1941.00  0.4   48   2.1  120    8.1  8.1  8.0   A   59   12  IIIIII  1.433
1940.50  0.3   48   4.3   95    8.1  8.1  8.0   B   43   11  IIIIII  1.574
1940.00  0.3   49   9.8  101    8.2  8.1  8.0   B   42   12  IIIIII  1.308
1939.50  0.3   47   2.8   52    8.1  8.1  8.0   A   86   15  IIIIII  0.732
1939.00  0.3   46   6.5  107    8.1  8.1  8.0   A   74   11  IIIIII  1.134
1938.50  0.3   44   6.6  122    8.2  8.1  8.1   A   73   14  IIIIII  1.439
1938.00  0.3   39   7.2  132    8.1  8.2  8.1   A   46   12  IIIIII  1.294
1937.50  0.3   37  11.1  165    8.2  8.1  8.1   D   13    6  IIIIII  0.514
1937.00  0.3   38   7.8  103    8.2  8.1  8.1   D   18    8  IIIIII  1.018
1936.50  0.3   37   6.1  118    8.2  8.1  8.1   C   22    6  I.IIII  0.618
1936.00  0.4   30  20.6   12    8.1  8.1  8.1   B   29    5  IIII..  0.671
1935.50  0.4   31  20.3  227    8.2  8.2  8.2   C   19    6  II.III  0.711
1935.00  0.4   28  20.7  230    8.2  8.3  8.2   C   24    7  IIIIII  0.717
1934.50  0.5   35   3.8  206    8.4  8.3  8.4   A   66   14  IIIIII  1.523
1934.00  0.5   35   2.7  205    8.1  8.2  8.1   A   52    8  I.IIII  1.159
1933.50  0.4   34   2.6  175    8.4  8.4  8.4   B   33   15  IIIIII  0.683

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1933.00  0.4   36               8.4  8.3  8.5   -    0    0  ......
1932.50  0.4   42               8.4  8.3  8.4   -    0    0  ......
1932.00  0.4   28   2.0  131    8.4  8.4  8.3   A   56   15  IIIIII  0.564
1931.50  0.3   38  19.6  315    8.1  8.2  8.0   B   35   10  IIIIII  0.791
1931.00  0.3   38   3.3  209    8.2  8.1  8.1   D   19   10  IIIIII  1.082
1930.50  0.3   46   2.4  353    8.3  8.2  8.1   A   52   15  IIIIII  1.064
1930.00  0.3   46   3.6  349    8.2  8.1  8.0   B   45   13  IIIIII  1.567
1929.50  0.2   46   3.9   17    8.1  8.1  8.0   A   60   15  IIIIII  0.994
1929.00  0.3   46   2.2  149    8.1  8.2  8.0   A   65   10  IIIIII  1.496
1928.50  0.2   46   2.0  137    8.1  8.1  8.0   A   67   10  IIIIII  1.431
1928.00  0.2   46   4.7   92    8.1  8.1  8.0   A   56   13  IIIIII  1.370
1927.50  0.3   46   8.7  344    8.3  8.1  8.1   A   43    6  IIIII.  0.884
1927.00  0.3   31   8.7  195    8.3  8.2  8.1   B   38   13  IIIIII  1.545
1926.50  0.4   22  10.4  180    8.6  8.5  8.1   E   11    7  .IIIII  1.125
1926.00  0.4   33  24.4  103    8.3  8.2  8.0   C   24    7  IIIIII  0.888
1925.50  0.4   29  24.6   86    8.4  8.4  8.3   E   10    8  IIIIII  1.175
1925.00  0.4   36  26.7   70    8.6  8.5  8.4   C   21    3  II..I.  0.145
1924.50  0.4   36  30.4   26    8.7  8.6  8.4   C   18    5  I.III.  0.502
1924.00  0.4   29  18.9  183    8.6  8.6  8.5   E    7   11  IIIIII  0.910
1923.50  0.3   41   9.2  194    8.5  8.5  8.4   E   11    8  IIIIII  1.848
1923.00  0.3   36  10.9  198    8.7  8.6  8.4   D   18   11  IIIIII  1.186
1922.50  0.3   38  32.5  188    8.7  8.5  8.3   C   22    7  IIIIII  1.133
1922.00  0.3   33  24.8  314    8.6  8.4  8.4   B   34    5  IIII.I  1.149
1921.50  0.3   52  16.4  118    8.7  8.4  8.4   E    3    4  IIIII.  0.251
1921.00  0.3   38  10.3  181    9.0  8.3  8.5   D   16    8  IIIIII  1.250
1920.50  0.3   53  10.6  189    8.7  8.4  8.4   D   19    7  III.II  0.937
1920.00  0.3   51  11.2  216    8.8  8.4  8.3   E   15   15  IIIIII  1.765
1919.50  0.2   51   2.2  273    9.0  8.3  8.4   A   86   13  IIIIII  1.404
1919.00  0.2   51               9.0  8.3  8.5   -    0    0  ......
1918.50  0.3   51               9.2  8.2  8.7   -    0    0  ......
1918.00  0.3   51   1.4  345    8.9  8.0  8.6   A   76    9  IIIIII  1.526
1917.50  0.3   67   3.0  321    9.3  8.2  8.9   A   50   14  IIIIII  1.625
1917.00  0.3   67  25.4  134    9.2  8.3  9.0   D   18   10  IIIIII  1.711
1916.50  0.3   61  25.8  138    9.2  8.3  8.9   D   12    9  IIIIII  0.874
1916.00  0.2   61   3.2  203    9.0  8.2  8.9   C   22   10  IIIIII  0.771
1915.50  0.2   61   3.4  222    8.8  8.0  8.7   A   75    9  IIIIII  0.843
1915.00  0.2   61   2.4  236    9.0  8.3  9.0   A   42   15  IIIIII  0.806
1914.50  0.2   61   3.0  237    8.6  8.1  8.7   B   42   13  IIIIII  1.207
1914.00  0.3   61   2.7  181    8.5  8.1  8.5   A   91   15  IIIIII  1.270
1913.50  0.3   61   3.6  201    8.8  8.5  8.7   A   92   15  IIIIII  0.901
1913.00  0.3   61  25.2  335    9.0  8.6  8.4   B   32    7  IIIIII  1.045
1912.50  0.2   61  25.7  251    8.4  8.4  8.3   C   28    6  ..IIII  1.184
1912.00  0.2   61  29.8   39    8.4  8.2  8.3   B   31    4  .IIII.  0.907
1911.50  0.2   61   8.8  168    8.4  8.5  8.7   A   42    5  IIII..  0.751
1911.00  0.2   61   3.2  203    8.5  8.5  8.6   D   20    7  .IIIII  1.507
1910.50  0.2   61   4.3  254    8.4  8.5  8.6   A   67   14  IIIIII  1.497
1910.00  0.3   61   3.7  195    8.3  8.3  8.5   A   93    6  IIIIII  1.023
1909.50  0.3   61   4.5  244    8.1  8.1  8.4   A   88   15  IIIIII  1.319
1909.00  0.3   88   2.3  221    8.1  8.1  8.5   B   33   15  IIIIII  0.951
1908.50  0.3   88   2.4  235    8.1  8.0  8.5   C   23   15  IIIIII  0.896
1908.00  0.3   88   2.8  241    8.1  8.1  8.4   A   43   15  IIIIII  0.752
1907.50  0.3   88   3.8  248    8.1  8.1  8.4   B   39   15  IIIIII  0.999
1907.00  0.3   88   4.9  255    8.1  8.1  8.4   E   12   14  IIIIII  1.170
1906.50  0.3   88   5.4  259    8.1  8.1  8.3   E   10   13  IIIIII  1.385

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1906.00  0.2   88   3.9  244    8.3  8.1  8.2   D   15   14  IIIIII  1.330
1905.50  0.2   88   4.7  269    8.3  8.1  8.3   B   30   15  IIIIII  0.904
1905.00  0.2   88   4.5  281    8.2  8.0  8.3   B   33   13  IIIIII  1.058
1904.50  0.2   88  11.7  284    8.1  8.1  8.3   A   61    9  IIIIII  1.680
1904.00  0.2   88   2.5  276    8.3  8.2  8.4   A   65   10  IIIIII  0.735
1903.50  0.2   88   4.6  172    8.1  8.0  8.1   D   25   11  IIIIII  1.710
1903.00  0.2   88   5.4  189    8.4  8.3  8.4   C   27   12  IIIIII  1.221
1902.50  0.1   88   4.7  185    8.5  8.4  8.6   C   24   14  IIIIII  0.647
1902.00  0.1   88   5.2  218    8.8  8.3  8.9   C   27    8  .IIIII  0.722
1901.50  0.2   88   6.5  231    8.4  8.2  8.3   D   16    8  .IIIII  0.729
1901.00  0.3   88   4.6  183    8.1  8.1  8.1   A   38   15  IIIIII  0.646
1900.50  0.2   88   5.7  186    8.1  8.1  8.0   A   43    9  IIIIII  1.111
1900.00  0.2   88   4.9  174    8.1  8.1  8.0   C   22   14  IIIIII  0.728
1899.50  0.2   88   6.2  170    8.1  8.1  8.0   C   25   15  IIIIII  0.788
1899.00  0.2   88   6.2  167    8.2  8.2  8.0   C   22   15  IIIIII  0.965
1898.50  0.2   88   6.7  168    8.3  8.2  8.0   D   12   14  IIIIII  1.091
1898.00  0.2   88   9.0  182    8.3  8.2  8.1   E   14   11  IIIIII  1.514
1897.50  0.2   88   7.7  181    8.2  8.4  8.1   C   32   12  IIIIII  1.307
1897.00  0.2   88   6.6  188    8.2  8.5  8.1   D   18   14  IIIIII  1.023
1896.50  0.3   88   5.9  174    8.2  8.4  8.1   D   19   12  IIIIII  1.425
1896.00  0.2   88   4.6  173    8.2  8.2  8.0   E    8   12  IIIIII  0.961
1895.50  0.2   88   4.7  163    8.1  8.1  8.0   B   35   15  IIIIII  1.023
1895.00  0.2   88   3.6  132    8.1  8.1  8.1   B   31    8  IIIIII  1.024
1894.50  0.2   88   3.7  167    8.1  8.1  8.1   B   33   13  IIIIII  0.960
1894.00  0.2   88   8.8  198    8.1  8.1  8.0   A   69    9  IIIIII  1.505
1893.50  0.2   88   5.1  178    8.1  8.1  8.0   A   68   15  IIIIII  1.078
1893.00  0.2   88   4.5  175    8.1  8.1  8.0   A   59   14  IIIIII  1.246
1892.50  0.2   88  11.9  198    8.2  8.1  8.1   A   89   13  IIIIII  1.356
1892.00  0.2   88  14.4  182    8.2  8.1  8.1   A   89   14  IIIIII  1.356
1891.50  0.2   88  14.0  178    8.1  8.1  8.0   A   81   13  IIIIII  1.075
1891.00  0.2   88   3.7  140    8.1  8.1  8.0   A   74   14  IIIIII  0.995
1890.50  0.2   88   3.3  103    8.1  8.1  8.0   A   76   14  IIIIII  1.692
1890.00  0.1   88   3.3   98    8.2  8.1  8.1   A   85   13  IIIIII  1.590
1889.50  0.2   88   2.2  200    8.2  8.1  8.1   A   83   15  IIIIII  1.047
1889.00  0.2   88   2.0  149    8.1  8.1  8.0   A   71   15  IIIIII  0.400
1888.50  0.1   88   1.8  161    8.2  8.1  8.1   A   57   15  IIIIII  0.579
1888.00  0.2   88   2.2  301    8.1  8.0  8.0   A   48   15  IIIIII  0.992
1887.50  0.1   88   7.6   74    8.1  8.0  8.0   A   93   13  IIIIII  1.378
1887.00  0.1   88   5.1  313    8.3  8.2  8.2   A   80   11  IIIIII  1.645
1886.50  0.1   88   6.5  338    8.3  8.2  8.1   A   89    7  IIII.I  1.511
1886.00  0.2   88   4.4  225    8.2  8.2  8.3   B   47   12  IIIIII  1.714
1885.50  0.2   88   3.2  292    8.2  8.1  8.1   A   47   11  IIIIII  1.380
1885.00  0.3   88   2.9  307    8.2  8.1  8.2   A   53   11  IIIIII  1.660
1884.50  0.2   88  18.6  273    8.2  8.2  8.1   B   38    7  IIII.I  1.296
1884.00  0.1   88   5.0   13    8.2  8.1  8.1   A   48    9  IIIIII  1.421
1883.50  0.1   88  15.8   27    8.2  8.1  8.1   A   50    9  IIIIII  1.244
1883.00  0.1   88  11.9  228    8.1  8.1  8.1   B   33   12  IIIIII  1.117
1882.50  0.1   88  11.6  228    8.2  8.2  8.2   B   34   13  IIIIII  1.212
1882.00  0.1   88   8.6  116    8.1  8.1  8.1   D   19    8  IIIIII  1.418
1881.50  0.1   88   9.0  320    8.1  8.1  8.1   C   26   14  IIIIII  0.862
1881.00  0.1   88   7.5  317    8.1  8.1  8.0   B   35   15  IIIIII  1.330
1880.50  0.1   88   4.5  263    8.2  8.1  8.1   B   41   14  IIIIII  1.572
1880.00  0.1   88   3.7   79    8.1  8.1  8.1   A   58   10  IIIIII  1.398
1879.50  0.1   88   2.8   79    8.1  8.1  8.1   A   53   11  IIIIII  1.569

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1879.00  0.1   88  10.2   68    8.1  8.1  8.1   A   53   10  IIIIII  1.562
1878.50  0.1   88               8.1  8.1  8.1   -    0    0  ......
1878.00  0.0   88   2.4  139    8.3  8.3  8.4   A   69   15  IIIIII  0.505
1877.50  0.2   88   2.1  140    8.4  8.3  8.4   A   76   15  IIIIII  0.589
1877.00  0.1   88   2.1  297    8.5  8.4  8.4   C   25   15  IIIIII  0.782
1876.50  0.1   88   2.0  313    8.5  8.6  8.4   A   41   15  IIIIII  0.466
1876.00  0.0   88   3.5  308    8.5  8.6  8.4   C   26   10  IIIIII  1.064
1875.50  0.1   88   9.1  273    8.5  8.7  8.4   D   19    9  IIIIII  1.438
1875.00  0.1   88  29.7  350    8.9  9.1  8.8   E   11    5  .IIIII  1.124
1874.50  0.1   88  30.5  261    8.5  8.6  8.8   E   11    3  ...III  1.449
1874.00  0.1   88   4.0  320    8.2  8.5  8.5   D   16    5  I..III  1.076
1873.50  0.1   88   3.1  329    8.7  8.6  8.8   B   42   12  IIIIII  1.766
1873.00  0.0   88   5.4  170    8.2  8.3  8.3   A   87   10  IIIIII  1.599
1872.50  0.1   88   3.0  150    8.3  8.4  8.4   A   45   15  IIIIII  1.399
1872.00  0.0   88   4.7  176    8.3  8.4  8.3   B   38    9  IIIIII  1.690
1871.50  0.1   88   1.9  168    8.5  8.5  8.6   A   74   14  IIIIII  1.383
1871.00  0.2   88   2.1  173    8.5  8.3  8.7   A   70   14  IIIIII  1.252
1870.50  0.0   88   4.5  212    9.8  9.7 12.2   C   28   14  IIIIII  1.331
1870.00  0.1   88   3.8  207    8.6  8.6 10.3   C   28   14  IIIIII  1.176
1869.50  0.1   88  30.8   72    8.6  8.5  9.4   D   11    8  IIIIII  1.047
1869.00  0.1   88   9.5  203    8.8  9.1 11.6   A   89    7  III.II  1.553
1868.50  0.1   88   2.0   52    8.5  8.7  8.9   A   92    8  II.III  1.363
1868.00  0.0   88  10.0  334    8.7  8.4  8.5   A   61   10  IIIIII  1.335
1867.50  0.1   88   3.3  197    8.3  8.2  8.3   A   80   10  IIIIII  1.767
1867.00  0.1   88   3.7  174    8.2  8.1  8.2   A   73   14  IIIIII  1.354
1866.50  0.0   88   5.9  176    8.1  8.1  8.1   B   41   15  IIIIII  1.054
1866.00  0.0   88   4.7  160    8.1  8.1  8.1   A   55   15  IIIIII  0.883
1865.50  0.0   88   3.8  136    8.1  8.1  8.0   A   69   15  IIIIII  0.713
1865.00  0.0   88   3.7  169    8.1  8.1  8.0   A   66   15  IIIIII  0.739
1864.50  0.0   88   3.6  173    8.1  8.1  8.0   A   65   15  IIIIII  0.910
1864.00  0.1   88   2.9  166    8.1  8.0  8.0   B   33   10  IIIIII  0.914
1863.50  0.1   88   3.6  170    8.1  8.0  8.0   A   42   15  IIIIII  0.598
1863.00  0.1   88   3.4  172    8.1  8.0  8.0   A   62   15  IIIIII  0.609
1862.50  0.0   88   5.0  175    8.2  8.0  8.1   B   37   15  IIIIII  0.856
1862.00  0.0   88   5.1  163    8.2  8.1  8.0   A   81   15  IIIIII  0.591
1861.50  0.0   88   4.5  167    8.1  8.1  8.0   A   87   15  IIIIII  0.515
1861.00  0.0   88   4.8  171    8.2  8.1  8.0   A   74   15  IIIIII  0.957
1860.50  0.1   88   8.1  174    8.1  8.1  8.1   A   44   14  IIIIII  1.169
1860.00  0.1   88   7.2  180    8.2  8.1  8.1   C   35   15  IIIIII  1.515
1859.50  0.1   88   3.3  172    8.2  8.2  8.1   C   35   14  IIIIII  1.463
1859.00  0.1   88   5.0  179    8.2  8.2  8.2   D   17   14  IIIIII  1.510
1858.50  0.1   88   5.1  186    8.2  8.2  8.1   D   24   12  IIIIII  1.729
1858.00  0.1   88   5.9  179    8.2  8.1  8.1   E    6   11  IIIIII  0.900
1857.50  0.1   88   5.9  180    8.1  8.1  8.1   D    9   13  IIIIII  0.443
1857.00  0.1   88   6.4  188    8.2  8.1  8.1   E    7   12  IIIIII  1.400
1856.50  0.1   88   4.9  177    8.2  8.1  8.0   D   14   14  IIIIII  0.997
1856.00  0.1   88   4.0  186    8.2  8.1  8.1   C   26   10  IIIIII  1.053
1855.50  0.1   88  29.5  318    8.2  8.1  8.0   C   31    7  II.III  1.136
1855.00  0.1   88   5.9  146    8.3  8.1  8.1   D   23   12  IIIIII  1.517
1854.50  0.1   88   7.4  178    8.5  8.3  8.2   C   28   11  IIIIII  1.287
1854.00  0.1   88   5.4  214    8.7  8.4  8.4   A   91   10  IIIII.  1.035
1853.50  0.2   88   5.3  208    8.5  8.7  8.2   A   86   10  IIIII.  1.225
1853.00  0.1   88   1.9  201    8.5  9.8  8.4   A   87   13  IIIIII  1.192
1852.50  0.2   88   2.4  204    8.3  8.3  8.3   A   84   15  IIIIII  0.855

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1852.00  0.2   88   3.1  217    8.2  8.1  8.1   E   16   12  IIIIII  1.735
1851.50  0.2   88  23.7  211    8.2  8.1  8.1   D   13    7  IIII.I  1.130
1851.00  0.2   88  19.9  244    8.2  8.2  8.2   D   14    7  II.III  0.850
1850.50  0.1   88  34.3  360    8.3  8.4  8.3   C   23    5  II.I.I  0.418
1850.00  0.1   88  11.4  282    8.6  8.8  8.4   C   24    4  II..II  0.823
1849.50  0.1   88   4.8  238    8.3  8.2  8.1   D   24    7  IIIIII  1.413
1849.00  0.1   88   7.1  177    8.2  8.3  8.2   A   48   10  IIII.I  1.414
1848.50  0.1   88  18.1  207    8.3  8.2  8.1   B   34    8  IIIIII  1.037
1848.00  0.1   88   5.1  115    8.3  8.3  8.1   A   51   14  IIIIII  1.050
1847.50  0.1   88   4.4  120    8.5  8.2  8.3   A   54   14  IIIIII  1.184
1847.00  0.0   88   7.4  281    8.2  8.1  8.1   A   86    9  IIIIII  1.434
1846.50  0.0   88   2.6  184    8.2  8.1  8.1   A   57   10  IIIIII  0.934
1846.00  0.1   88   5.1   29    8.1  8.1  8.0   C   24    4  III.I.  0.356
1845.50  0.1   88   4.2  146    8.2  8.1  8.2   B   28    8  IIIIII  0.673
1845.00  0.1   88   3.2  194    8.2  8.1  8.1   A   78   14  IIIIII  1.027
1844.50  0.1   88   9.1  247    8.3  8.1  8.3   A   51   12  IIIIII  1.111
1844.00  0.1   88  18.6  255    8.3  8.2  8.2   A   65   12  IIIIII  1.551
1843.50  0.1   88  31.4  276    8.2  8.1  8.1   A   73    6  IIIIII  1.543
1843.00  0.1   88   3.2  124    8.2  8.2  8.1   C   27    9  IIIIII  1.606
1842.50  0.1   88  27.0  264    8.2  8.2  8.1   D   24    9  IIIIII  1.853
1842.00  0.2   88   5.9  255    8.2  8.2  8.1   B   33    7  IIIIII  0.684
1841.50  0.1   88   4.9  246    8.3  8.2  8.1   A   77   15  IIIIII  1.156
1841.00  0.1   88   6.4  223    8.2  8.2  8.1   A   78   15  IIIIII  1.342
1840.50  0.1   88   5.1  251    8.2  8.4  8.3   A   65   15  IIIIII  0.906
1840.00  0.1   88   8.4  243    8.3  8.5  8.2   A   63   15  IIIIII  0.389
1839.50  0.2   88  13.8  249    8.3  8.4  8.1   A   80   14  IIIIII  1.425
1839.00  0.2   88   8.7  271    8.3  8.5  8.1   A   67   14  IIIIII  1.203
1838.50  0.2   88   6.4  207    8.3  8.3  8.1   C   28   13  IIIIII  1.626
1838.00  0.2   88  10.4  219    8.2  8.2  8.0   A   61   15  IIIIII  1.571
1837.50  0.2   88   9.8  225    8.2  8.1  8.1   A   62   15  IIIIII  0.583
1837.00  0.2   88  10.0  240    8.2  8.1  8.1   A   69   15  IIIIII  0.708
1836.50  0.1   88  13.6  218    8.3  8.1  8.1   A   51   13  IIIIII  1.832
1836.00  0.1   88  11.6  231    8.2  8.1  8.1   D   25   11  IIIIII  1.645
1835.50  0.1   88  14.3  238    8.2  8.1  8.0   D   17   10  IIIIII  0.785
1835.00  0.1   88  10.8  256    8.3  8.1  8.1   D   16   10  IIIIII  1.489
1834.50  0.1   88  12.5  195    8.3  8.1  8.1   B   36   11  IIIIII  1.018
1834.00  0.1   88   8.7  181    8.2  8.1  8.2   C   29   12  IIIIII  1.426
1833.50  0.1   88   7.2  179    8.2  8.1  8.1   B   37   13  IIIIII  1.376
1833.00  0.1   88  11.4  212    8.2  8.1  8.1   B   39   10  IIIIII  1.633
1832.50  0.1   88   8.1  236    8.2  8.1  8.1   C   37   12  IIIIII  1.701
1832.00  0.1   88  11.1  274    8.2  8.1  8.1   B   39   14  IIIIII  1.254
1831.50  0.1   88   9.1  260    8.2  8.1  8.1   A   49   13  IIIIII  1.564
1831.00  0.1   88   6.3  253    8.1  8.1  8.1   A   64   15  IIIIII  0.985
1830.50  0.1   88   5.8  258    8.1  8.2  8.1   A   62   15  IIIIII  1.167
1830.00  0.1   88   6.6  255    8.1  8.1  8.1   C   36   14  IIIIII  1.565
1829.50  0.2   88   5.6  214    8.1  8.1  8.0   B   41   14  IIIIII  1.605
1829.00  0.2   88   7.4  230    8.1  8.2  8.1   A   63   15  IIIIII  0.871
1828.50  0.2   88   9.0  229    8.1  8.2  8.1   A   72   15  IIIIII  1.016
1828.00  0.2   88  10.0  236    8.2  8.2  8.1   A   73   15  IIIIII  1.034
1827.50  0.2   88  10.0  241    8.1  8.3  8.0   A   75   15  IIIIII  0.894
1827.00  0.2   88  11.8  249    8.2  8.4  8.1   A   63   15  IIIIII  1.225
1826.50  0.2   88   7.5  237    8.2  8.3  8.1   A   57   10  IIII.I  0.707
1826.00  0.2   88   9.9  256    8.1  8.3  8.1   A   44   14  IIIIII  1.260
1825.50  0.2   88   7.3  247    8.1  8.2  8.0   C   25   15  IIIIII  0.808

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1825.00  0.2   88   6.0  243    8.1  8.3  8.1   A   47   15  IIIIII  0.923
1824.50  0.2   88   7.0  249    8.2  8.3  8.1   A   54   13  IIIIII  1.161
1824.00  0.2   88   8.3  246    8.2  8.3  8.1   A   48   15  IIIIII  0.985
1823.50  0.2   88   7.4  243    8.2  8.3  8.0   A   53   15  IIIIII  0.533
1823.00  0.2   88   7.3  245    8.2  8.3  8.0   A   70   15  IIIIII  0.752
1822.50  0.1   88   9.1  247    8.1  8.2  8.0   A   82   14  IIIIII  1.285
1822.00  0.1   88  13.8  241    8.2  8.2  8.0   C   26    7  I.IIII  1.077
1821.50  0.1   88  20.7  310    8.1  8.2  8.1   B   32    7  IIIIII  0.869
1821.00  0.2   88  18.3  173    8.2  8.2  8.1   A   46    7  IIIIII  1.280
1820.50  0.2   88  17.6  207    8.2  8.2  8.0   A   61   10  IIIIII  1.314
1820.00  0.2   88  23.3  276    8.2  8.2  8.0   A   60   12  IIIIII  1.164
1819.50  0.2   88  22.7  278    8.1  8.2  8.0   A   63   10  IIIIII  0.798
1819.00  0.3   88  14.0  235    8.2  8.2  8.1   A   76    9  II.III  1.522
1818.50  0.3   88  10.0  234    8.2  8.2  8.1   A   55   11  IIIIII  1.475
1818.00  0.3   88   5.4  236    8.2  8.2  8.1   A   65   15  IIIIII  1.456
1817.50  0.3   88   5.3  240    8.2  8.2  8.0   A   77   12  IIIIII  1.766
1817.00  0.2   88   1.9  169    8.2  8.2  8.1   A   60    8  IIIIII  1.215
1816.50  0.2   88   9.2   85    8.2  8.3  8.1   A   72    8  I.IIII  1.169
1816.00  0.3   88  12.9  247    8.2  8.3  8.1   A   62   12  IIIIII  1.289
1815.50  0.3   88  11.5  246    8.3  8.3  8.1   A   56   13  IIIIII  1.479
1815.00  0.3   88   3.6  254    8.3  8.3  8.2   A   73   11  IIIIII  1.057
1814.50  0.3  282   1.5  235    8.2  8.2  8.1   A   47   14  IIIIII  1.123
1814.00  0.3  290   6.2  215    8.2  8.3  8.1   A   55    6  IIIIII  1.747
1813.50  0.3  290   6.4  218    8.2  8.4  8.1   A   76    9  IIIII.  1.250
1813.00  0.3  288   5.0  243    8.2  8.5  8.2   A   77   10  IIIIII  1.439
1812.50  0.3  278   1.4  242    8.4  8.9  8.4   B   33   15  IIIIII  0.908
1812.00  0.3  281               8.4  8.8  8.4   -    0    0  ......
1811.50  0.3  274               8.4  8.6  8.3   -    0    0  ......
1811.00  0.3  283   3.9   35    8.2  8.3  8.1   A   76    7  IIIIII  0.954
1810.50  0.4  280   2.8  113    8.2  8.4  8.1   A   91   15  IIIIII  1.008
1810.00  0.4  281   4.1  175    8.2  8.3  8.1   A   85   15  IIIIII  0.964
1809.50  0.4  279   6.4  246    8.1  8.4  8.2   A   61   13  IIIIII  1.322
1809.00  0.4  280   7.0  239    8.2  8.4  8.1   A   56    7  II.III  1.332
1808.50  0.4  284   1.2  290    8.2  8.5  8.1   C   32    8  IIIIII  1.422
1808.00  0.3  279   2.7  234    8.2  8.4  8.1   C   33   14  IIIIII  1.348
1807.50  0.4  279   1.8  197    8.1  8.3  8.1   D   18   12  IIIIII  0.990
1807.00  0.4  278   7.8  141    8.2  8.3  8.1   E    6   10  IIIIII  1.648
1806.50  0.4  280   5.4  145    8.2  8.3  8.3   E   15   11  IIIIII  1.556
1806.00  0.3  277   3.7  165    8.2  8.2  8.1   E   17   10  IIIIII  1.821
1805.50  0.3  276   2.8  110    8.2  8.1  8.1   D   13   10  IIIIII  1.061
1805.00  0.3  276   5.5  164    8.2  8.2  8.1   D   16   11  IIIIII  1.433
1804.50  0.3  278   4.9  209    8.3  8.1  8.1   D   13   12  IIIIII  1.160
1804.00  0.3  280   5.3  220    8.3  8.3  8.1   C   26   15  IIIIII  0.788
1803.50  0.3  277   5.3  236    8.3  8.3  8.1   E   12   11  IIIIII  1.234
1803.00  0.3  276   4.5  242    8.2  8.2  8.1   C   28   11  IIIIII  1.731
1802.50  0.3  277   3.6  215    8.2  8.2  8.1   B   38   10  IIIIII  1.179
1802.00  0.3  276   4.4  189    8.3  8.2  8.1   C   26   14  IIIIII  1.163
1801.50  0.3  276   5.8  191    8.3  8.2  8.1   D   22   13  IIIIII  1.736
1801.00  0.3  276   6.7  172    8.3  8.1  8.1   D   20   15  IIIIII  1.421
1800.50  0.3  276   5.1  187    8.3  8.1  8.2   C   34   12  IIIIII  1.366
1800.00  0.3  278               8.3  8.1  8.1   -    0    0  ......
1799.50  0.3  279               8.3  8.2  8.1   -    0    0  ......
1799.00  0.3  280   1.9  165    8.3  8.2  8.1   D   26   13  IIIIII  1.737
1798.50  0.3  278  22.2  128    8.4  8.2  8.1   A   49    7  II.III  0.797

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1798.00  0.3  277  22.3  133    8.4  8.2  8.1   B   32    8  IIIIII  1.042
1797.50  0.3  275   1.5  223    8.7  8.3  8.1   A   44   10  IIIII.  1.006
1797.00  0.3  271   2.4  190    8.9  8.5  8.4   C   26   10  IIIII.  0.952
1796.50  0.4  279   3.4  197    8.8  8.3  8.2   D   23   10  IIIIII  1.257
1796.00  0.3  277  26.2  329    8.5  8.2  8.1   C   24    3  I...II  0.411
1795.50  0.3  280   3.3  125    8.5  8.2  8.1   A   39    5  IIII.I  0.779
1795.00  0.3  282  31.4  259    8.5  8.2  8.2   B   33    5  II.III  0.487
1794.50  0.3  282  11.3  203    8.3  8.2  8.1   A   77    8  IIIIII  1.716
1794.00  0.3  282  14.5  186    8.3  8.2  8.1   D   25    7  IIIIII  1.743
1793.50  0.3  282  18.0  191    8.3  8.2  8.2   E   13    7  IIIIII  1.305
1793.00  0.2  282   5.0  196    8.4  8.3  8.4   B   35    6  .IIII.  1.304
1792.50  0.3  282   5.8  187    8.2  8.1  8.1   A   49    6  .IIII.  1.255
1792.00  0.2  282  21.8  235    8.3  8.1  8.1   D   17    4  I.IIII  0.830
1791.50  0.2  282  31.5  336    8.3  8.1  8.2   E    3    7  IIIIII  1.213
1791.00  0.2  282               8.2  8.1  8.1   -    0    0  ......
1790.50  0.2  282   3.1  146    8.2  8.1  8.2   A   75    9  IIIIII  1.630
1790.00  0.2  282   3.3  200    8.3  8.3  8.3   A   72   10  IIII.I  1.689
1789.50  0.2  282  26.7  233    8.2  8.2  8.2   A   47    8  IIIIII  1.075
1789.00  0.2  282  25.5  185    8.4  8.3  8.4   E    7    7  IIIIII  1.085
1788.50  0.2  282  29.8  190    8.4  8.3  8.2   D   15    7  IIIIII  1.109
1788.00  0.2  282  30.4  304    8.3  8.2  8.1   A   40    5  IIIIII  0.356
1787.50  0.2  282               8.2  8.2  8.1   -    0    0  ......
1787.00  0.2  282   3.8  188    8.2  8.2  8.1   B   28    5  IIIIII  0.224
1786.50  0.2  282   3.7  178    8.2  8.2  8.0   A   42    5  IIIIII  0.774
1786.00  0.2  282   2.9  206    8.3  8.3  8.0   E   12   13  IIIIII  1.527
1785.50  0.2  282   3.4  212    8.4  8.2  8.1   E   14   12  IIIIII  1.372
1785.00  0.2  282   2.3  216    8.3  8.2  8.2   E   11   13  IIIIII  1.284
1784.50  0.2  282   3.1  209    8.2  8.2  8.2   C   22    6  .IIIII  1.116
1784.00  0.2  282  29.2  210    8.2  8.2  8.2   E   12    6  IIIIII  1.313
1783.50  0.2  282  27.2  220    8.2  8.2  8.1   C   29    7  .IIIII  1.722
1783.00  0.2  282   7.6  166    8.3  8.2  8.3   D   21    9  IIIIII  1.530
1782.50  0.2  282   9.1  171    8.4  8.2  8.3   B   35    8  IIIIII  0.711
1782.00  0.2  282               8.3  8.2  8.2   -    0    0  ......
1781.50  0.1  282  15.2  176    8.4  8.4  8.2   C   20    3  ..III.  0.509
1781.00  0.2  282   7.5  175    8.5  8.4  8.3   D   23    7  .IIIII  1.412
1780.50  0.2  282   3.8  237    8.9  8.7  8.5   D   14    9  IIIIII  1.014
1780.00  0.2  282  31.6  299    9.0  9.1  9.1   E    9    6  I.IIII  0.950
1779.50  0.2  282   3.4  166    8.5  9.1  8.7   E    8    6  II.III  1.110
1779.00  0.2  282   2.6   94    8.5  8.5  8.7   D   19    7  IIIIII  1.410
1778.50  0.2  282   2.2   98    8.5  9.0  8.6   C   29    9  IIIIII  1.413
1778.00  0.2  282   8.4  170    8.8  8.8  8.5   B   40    8  IIIIII  1.042
1777.50  0.2  282  10.3  168    8.5  8.4  8.3   C   32   12  IIIIII  1.418
1777.00  0.2  282  22.1   56    8.5  8.2  8.3   C   13    7  IIIIII  0.227
1776.50  0.2  282   3.8  272    8.3  8.2  8.2   A   52    6  I.IIII  1.236
1776.00  0.2  282   3.2    0    8.3  8.2  8.3   A   73   11  IIIIII  1.309
1775.50  0.1  282   2.4  164    9.4  9.8 10.8   A   91   15  IIIIII  0.934
1775.00  0.2  282               8.6  8.8  8.6   -    0    0  ......
1774.50  0.2  282   2.4   55    8.4  8.5  8.5   A   79   15  IIIIII  1.330
1774.00  0.2  282   3.9   83    8.2  8.2  8.1   A   53    6  IIIIII  0.936
1773.50  0.2  282  14.5   88    8.2  8.1  8.1   A   43   10  IIIIII  0.946
1773.00  0.2  282  17.9   86    8.2  8.2  8.1   A   47   15  IIIIII  1.308
1772.50  0.1  282  15.6   80    8.2  8.3  8.2   A   52   15  IIIIII  1.446
1772.00  0.2  282   7.9   72    8.7  8.9  9.1   A   41   15  IIIIII  0.738
1771.50  0.2  282   7.5   82    8.4  8.9  8.6   B   33   11  IIIIII  1.051

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1771.00  0.2  282   8.8   56    8.4  8.8  8.3   C   28    8  IIIII.  1.512
1770.50  0.3  282   5.4  336    8.7  9.0  8.7   D   17    9  IIIIII  1.429
1770.00  0.2  282  10.2  135    8.6  8.9  8.6   D   19    6  IIIIII  1.276
1769.50  0.2  282  28.6  210    8.6  8.6  8.4   E    8    7  III.II  1.082
1769.00  0.2  282  28.5  357    9.6  8.7  8.4   D    7    4  .IIIII  0.452
1768.50  0.3  282  14.8  103   10.0  9.8  9.0   D   16    7  IIIIII  1.123
1768.00  0.3  303   4.7  172    9.3  8.9  8.5   D   20   12  IIIIII  1.386
1767.50  0.2  303  10.5  313    8.2  8.1  8.1   A   52   10  IIIIII  1.478
1767.00  0.2  303   8.6  129    8.1  8.1  8.1   A   80    6  IIIII.  1.388
1766.50  0.2  303  11.0  306    8.2  8.1  8.3   C   28   15  IIIIII  1.150
1766.00  0.2  303  11.1  299    8.2  8.1  8.1   C   24   14  IIIIII  1.230
1765.50  0.2  303  12.5  290    8.1  8.1  8.1   A   43   13  IIIIII  1.170
1765.00  0.2  303  16.6  273    8.1  8.1  8.1   A   64   10  IIIIII  1.352
1764.50  0.2  303  15.8  270    8.2  8.1  8.0   A   63   11  IIIIII  1.532
1764.00  0.2  303  19.2   47    8.1  8.1  8.0   A   73    6  IIIIII  1.033
1763.50  0.2  303  20.1   40    8.1  8.1  8.0   A   66    8  IIIIII  1.586
1763.00  0.2  303   7.9   69    8.0  8.1  8.0   A   64    5  IIIIII  0.565
1762.50  0.2  303   7.5  299    8.1  8.1  8.1   A   67   10  IIIIII  1.606
1762.00  0.2  303   8.9  276    8.2  8.2  8.1   A   77   11  IIIIII  1.676
1761.50  0.2  303  10.4  301    8.4  8.2  8.1   A   69   15  IIIIII  0.900
1761.00  0.2  303  14.1  313    8.2  8.2  8.1   A   80   14  IIIIII  0.946
1760.50  0.2  303  15.5  321    8.2  8.1  8.1   A   75   14  IIIIII  1.203
1760.00  0.2  303   8.1  296    8.4  8.1  8.3   C   25    8  IIIIII  1.258
1759.50  0.2  303  33.4  173    8.6  8.4  8.5   C   16    7  IIIIII  0.408
1759.00  0.1  306   2.0  314    8.7  8.4  8.6   C   26   15  IIIIII  1.023
1758.50  0.2  306   3.0  321    8.8  8.9  9.0   C   29   15  IIIIII  1.202
1758.00  0.3  330  28.6   54    9.4  9.6  9.1   D   15    7  I.IIII  1.069
1757.50  0.2  330   1.6  305    9.1 10.4  8.9   D   12   15  IIIIII  0.998
1757.00  0.3  308   3.2  302    8.8  9.0  8.5   E   11   13  IIIIII  1.102
1756.50  0.3  320   3.4  292    8.8  8.8  8.7   E   12   13  IIIIII  1.232
1756.00  0.3  319   3.0  263    9.4  9.0  8.6   E    6    7  IIIIII  0.902
1755.50  0.3  355  19.9  254    9.8  8.9  8.7   D   11    7  .IIIII  0.770
1755.00  0.3  355   1.9  271   10.6  9.1  8.6   A   89   15  IIIIII  1.380
1754.50  0.4  301   2.1  291    9.1  8.9  8.5   A   82   15  IIIIII  0.800
1754.00  0.2  301   4.0  285   10.2  8.7  8.5   A   54   15  IIIIII  0.953
1753.50  0.2  301  11.1   11   10.1  8.5  8.7   E    5    8  IIIIII  0.925
1753.00  0.1  301  24.7  156   10.3  8.6  8.7   E    4    8  IIIIII  1.234
1752.50  0.2  301  32.4  153    9.4  8.7  9.2   D    9    9  IIIIII  0.661
1752.00  0.2  301   3.5  267   10.7  9.3  9.2   A   93    9  IIIIII  1.216
1751.50  0.3  290   2.0  141    8.6  8.9  8.5   A   84   11  IIIIII  1.103
1751.00  0.2  290   4.1   52    8.5  8.4  8.4   C   33   11  IIIIII  1.604
1750.50  0.3  290   4.0   57    8.4  8.5  8.5   B   45   11  IIIIII  1.479
1750.00  0.3  290   4.8  287    8.7  8.5  8.6   B   22    3  .I.I.I  0.078
1749.50  0.3  344  28.1  337    8.6  8.4  8.6   C   25    4  IIII..  0.808
1749.00  0.3  337  29.8  146    8.6  8.5  8.6   C   22    3  ...III  0.591
1748.50  0.3  337   2.1  282    8.7  8.4  8.7   D   20    7  IIIIII  1.352
1748.00  0.4  320   4.8  179    8.6  8.6  8.7   A   88    7  IIIII.  1.423
1747.50  0.3  331   6.5  187    8.1  8.2  8.4   A   89   11  IIIIII  1.288
1747.00  0.4  329  14.8   17    8.1  8.2  8.3   C   25    9  IIIIII  0.771
1746.50  0.4  329  14.3  119    8.2  8.2  8.4   D   17   11  IIIIII  1.520
1746.00  0.4  338  15.3  114    8.2  8.1  8.3   D   14   11  IIIIII  1.147
1745.50  0.3  339   5.5  247    8.1  8.1  8.1   A   71   15  IIIIII  1.562
1745.00  0.3  334   6.0  254    8.2  8.2  8.1   A   88   11  IIIIII  1.660
1744.50  0.3  335   5.8  262    8.2  8.3  8.3   A   86   15  IIIIII  1.092

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1744.00  0.3  353   3.3  261    9.6 10.0 12.6   A   91   12  IIIIII  1.532
1743.50  0.5  350  34.2  271   10.6  9.5 12.4   D   12    8  IIIIII  0.680
1743.00  0.4    1  30.4  184   11.4 12.3 10.9   D   11    9  IIIIII  0.051
1742.50  0.3  353  29.2  293   10.6 11.2 12.7   A   39    7  IIII.I  0.815
1742.00  0.3  330   5.1  345   13.1 16.0 15.0   A   85   11  IIIIII  1.635
1741.50  0.2  329   6.0  277    9.0  9.4  8.7   A   85    9  IIII.I  1.569
1741.00  0.3  313  29.9  203    8.8  8.9  8.6   D   15    7  IIIII.  1.234
1740.50  0.3  319  29.6  158    8.6  9.1  8.6   A   50    6  II.II.  0.438
1740.00  0.3  319  30.2  160    8.4  8.8  8.4   A   48    6  II.II.  0.554
1739.50  0.3  319  34.7  141    8.4  8.8  8.4   B   28    3  I..I.I  0.010
1739.00  0.3  349               8.6  8.8  8.4   -    0    0  ......
1738.50  0.3    5  23.0  214    8.7  8.8  8.4   E    3    3  ..II.I  1.357
1738.00  0.4   11  20.6  248    8.4  8.8  8.4   B   23    3  I..II.  0.104
1737.50  0.3    0  15.1   10    8.5  9.1  8.5   A   88    9  I.IIII  1.306
1737.00  0.4   10   9.7   71    8.4  8.9  8.4   A   79   12  IIIIII  1.716
1736.50  0.3   31  11.5   52    8.7  9.2  9.2   A   82    7  IIIIII  1.391
1736.00  0.3   31               8.4  8.5  8.5   -    0    0  ......
1735.50  0.3    8   2.2  334    8.5  8.7  8.5   A   73   11  IIIIII  1.590
1735.00  0.3   14   7.8   32    8.4  8.8  8.5   A   88    9  IIIIII  1.511
1734.50  0.3   15   2.9    8    8.2  8.8  8.1   A   42   15  IIIIII  0.828
1734.00  0.3   25   2.8  357    8.2  8.9  8.1   A   55   15  IIIIII  0.559
1733.50  0.3   27   3.5  320    8.1  8.8  8.2   A   65   11  IIIIII  1.488
1733.00  0.3   30   2.6  300    8.2  9.1  8.5   A   74   14  IIIIII  1.397
1732.50  0.3   46   3.3  359    8.9  9.9  9.4   A   44   10  IIIIII  1.263
1732.00  0.3   29   4.3  359    9.4 10.7  9.0   C   27   10  I.IIII  1.327
1731.50  0.2   29  11.7  336    9.1  9.5  9.0   A   58    8  IIIIII  1.748
1731.00  0.2   29   1.3    2    8.2  8.3  8.4   A   67    9  IIIIII  1.421
1730.50  0.2   29   5.6  136    9.1  9.5  9.6   A   64    7  IIIIII  1.090
1730.00  0.2   29   2.1  128    8.2  8.2  8.1   A   54   13  IIIIII  1.578
1729.50  0.2   29  14.1  128    8.2  8.2  8.1   A   52   10  IIIIII  1.400
1729.00  0.2   29  15.4  135    8.2  8.3  8.1   A   45    8  IIIIII  0.599
1728.50  0.2   29  16.6   88    8.3  8.3  8.3   A   84   13  IIIIII  1.506
1728.00  0.3   29  13.3   90    8.2  8.4  8.1   A   84   15  IIIIII  1.255
1727.50  0.3   29   8.9  101    8.2  8.2  8.1   A   92   12  IIIIII  1.718
1727.00  0.3  354  10.9  210    8.1  8.2  8.1   B   40    7  IIII.I  1.558
1726.50  0.4  356  12.4  300    8.2  8.2  8.1   B   44    6  I.IIII  1.350
1726.00  0.4  355  23.4  333    8.4  8.3  8.1   A   78    7  .IIIII  1.136
1725.50  0.4  356  12.0  305    8.2  8.2  8.1   B   36    5  IIIIII  1.216
1725.00  0.4  358  23.2  234    8.1  8.2  8.1   A   52    7  .IIIII  0.774
1724.50  0.4  360  17.9  182    8.2  8.3  8.1   C   36    7  IIII.I  1.677
1724.00  0.4    9   8.2  174    8.2  8.3  8.2   C   32    6  IIII.I  1.952
1723.50  0.3   18   3.5  116    8.2  8.2  8.1   A   56    7  IIIIII  0.521
1723.00  0.4   22  16.1  171    8.1  8.3  8.1   C   31    8  IIIIII  1.691
1722.50  0.4   22  15.9  295    8.1  8.3  8.1   C   28    7  III.II  1.469
1722.00  0.4   23  20.3  294    8.2  8.3  8.1   D   13    7  IIIII.  0.844
1721.50  0.4   26   3.4  192    8.4  8.4  8.1   D   20    9  IIIIII  0.964
1721.00  0.3   24   6.9  346    8.5  8.4  8.2   A   56   12  IIIIII  1.414
1720.50  0.3   24  12.2  355    8.3  8.3  8.1   A   83   15  IIIIII  0.863
1720.00  0.3   24  12.8  350    8.1  8.2  8.1   A   79   15  IIIIII  0.512
1719.50  0.2   24  12.8  349    8.1  8.2  8.1   A   56   15  IIIIII  0.882
1719.00  0.2   24   6.6  344    8.1  8.3  8.1   A   70   13  IIIIII  1.269
1718.50  0.2   24   7.9  340    8.1  8.2  8.0   A   64   11  IIIIII  1.270
1718.00  0.3   24  21.5   25    8.0  8.3  8.1   A   55   11  IIIIII  2.173
1717.50  0.3    7  13.5   13    8.1  8.4  8.2   B   37    8  IIIIII  1.097

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1717.00  0.4  357   5.8  258    8.3  8.3  8.2   B   34    9  IIIIII  1.317
1716.50  0.4  357   5.7  325    8.4  8.3  8.2   A   63    9  IIIIII  1.101
1716.00  0.3    6   4.4  325    8.1  8.1  8.1   A   77   13  IIIIII  0.728
1715.50  0.3    6   5.3  287    8.1  8.2  8.1   A   47   14  IIIIII  1.310
1715.00  0.4   11   6.7  256    8.1  8.1  8.0   B   39   10  III.II  1.015
1714.50  0.4   15   8.2  248    8.2  8.1  8.0   B   41   10  III.II  1.398
1714.00  0.4   23   9.0  286    8.2  8.3  8.1   D   17    8  I.IIII  1.481
1713.50  0.4   29   5.3  218    8.2  8.3  8.1   A   58   15  IIIIII  1.063
1713.00  0.4   28   2.5  238    8.2  8.4  8.2   A   63   15  IIIIII  0.754
1712.50  0.4   31   3.1  353    8.2  8.3  8.1   A   66   15  IIIIII  0.671
1712.00  0.4   36  11.2  105    8.2  8.3  8.1   A   60    6  I.IIII  1.033
1711.50  0.4   34   6.0  347    8.2  8.4  8.1   A   57    9  IIIIII  1.700
1711.00  0.4   31  25.0   45    8.2  8.4  8.0   C   23    8  IIIIII  0.832
1710.50  0.4   29  24.5   43    8.2  8.6  8.1   C   18    9  IIIIII  0.677
1710.00  0.4   30   5.4    4    8.2  8.5  8.1   B   33   11  IIIIII  0.943
1709.50  0.4   26   5.7  349    8.3  8.4  8.1   A   64   15  IIIIII  1.451
1709.00  0.3   28   7.1  321    8.1  8.3  8.0   A   46   13  IIIIII  1.340
1708.50  0.3   16  10.2  324    8.2  8.3  8.1   D   16   12  IIIIII  1.520
1708.00  0.4   18   9.2  349    8.2  8.5  8.1   A   36    6  IIIII.  0.383
1707.50  0.4   15  22.9  358    8.2  8.4  8.1   B   37    6  IIIIII  0.887
1707.00  0.4   14  13.1  293    8.1  8.4  8.1   C   21    5  IIII.I  0.881
1706.50  0.4   16   7.5  301    8.2  8.7  8.2   B   29    6  IIIIII  0.804
1706.00  0.5   21   9.3  283    8.3  8.6  8.1   C   33    4  IIIII.  1.356
1705.50  0.5   22  21.0   90    8.4  8.3  8.1   C   33    3  II...I  1.413
1705.00  0.4   21   9.7  320    8.2  8.2  8.1   C   22    5  IIIIII  0.427
1704.50  0.5   28  12.7  327    8.1  8.2  8.1   D   20   10  IIIIII  1.637
1704.00  0.5   25  10.1  325    8.1  8.2  8.1   C   28    6  III.II  1.291
1703.50  0.4   39  31.5  158    8.1  8.1  8.1   D   19    6  IIIIII  1.182
1703.00  0.4   40  31.5  144    8.2  8.2  8.1   D    8    4  ..IIII  0.599
1702.50  0.4   46  18.3  224    8.2  8.3  8.1   D   14   10  IIIIII  0.772
1702.00  0.4   39  17.9  219    8.1  8.3  8.1   D   17    9  IIIIII  1.376
1701.50  0.4   36  10.1  327    8.1  8.5  8.1   D   15   10  IIIIII  1.101
1701.00  0.4   36   8.8  334    8.2  8.7  8.2   D   16   12  IIIIII  0.904
1700.50  0.4   33   2.1  148    8.3  8.9  8.2   D   15    6  IIII.I  0.925
1700.00  0.4   29  27.7  133    8.5  9.3  8.8   D   13    9  IIIIII  1.188
1699.50  0.3   32  24.9  126    8.8  9.4  9.1   D   15   10  IIIIII  1.291
1699.00  0.4   24   2.1  126    8.4  9.1  8.8   C   17    7  IIIIII  0.547
1698.50  0.5   27  31.4  109    8.5  9.0  8.9   D   10    8  IIIIII  0.502
1698.00  0.4   28  12.6  175    8.5  9.2  8.9   E   11   10  IIIIII  1.101
1697.50  0.4   32   7.0  144    8.9 10.0  9.6   C   27    9  IIIIII  0.695
1697.00  0.5   33   7.2  159    8.2  8.6  8.4   B   35   12  IIIIII  1.126
1696.50  0.5   32   7.0  215    8.2  8.5  8.2   D   20   10  IIIIII  1.677
1696.00  0.5   31   5.8  229    8.2  8.3  8.1   A   56   11  IIIIII  1.510
1695.50  0.5   34  11.8  208    8.2  8.4  8.3   A   60    9  IIIIII  1.186
1695.00  0.6   36  15.8  107    8.5  8.4  8.4   D   19    4  .II.II  1.164
1694.50  0.5   41  10.9  138    8.4  8.4  8.4   B   43    8  IIIIII  1.509
1694.00  0.5   42   3.3  125    8.2  8.3  8.2   A   49   11  IIIIII  1.506
1693.50  0.6   42   4.2  321    8.2  8.4  8.2   D   25    8  .IIIII  1.505
1693.00  0.6   42  13.0  252    8.2  8.5  8.2   B   34   11  IIIIII  1.205
1692.50  0.6   44   9.7  277    8.2  8.6  8.1   D   20    9  IIIIII  1.258
1692.00  0.6   43  25.4  174    8.1  8.7  8.2   D   15    7  IIIIII  1.206
1691.50  0.6   47  24.6  324    8.3  8.8  8.4   E    4    8  IIIIII  0.409
1691.00  0.6   44  14.2   79    8.3  8.8  8.3   E    5    7  IIIIII  0.774
1690.50  0.6   39  13.6   11    8.2  9.0  8.4   D   18    8  IIIIII  1.147

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1690.00  0.6   34   7.2   63    8.2  9.0  8.4   E    8    7  II.III  0.895
1689.50  0.5   31  28.8   78    8.4  8.9  8.4   E    2    7  IIIIII  0.954
1689.00  0.6   26  28.0   41    8.5  8.8  8.2   E    8    7  IIIIII  1.264
1688.50  0.5   27   5.2  304    8.4  8.5  8.2   C   28   12  IIIIII  1.047
1688.00  0.5   31   7.6  312    8.3  8.4  8.2   A   51   13  IIIIII  1.232
1687.50  0.5   35   3.3  347    8.2  8.4  8.2   A   53    8  IIIIII  1.017
1687.00  0.5   39   1.9  360    8.2  8.4  8.1   A   61   15  IIIIII  1.389
1686.50  0.6   40   1.5   19    8.1  8.5  8.1   A   44   15  IIIIII  1.199
1686.00  0.6   41   1.9   17    8.2  8.6  8.1   A   44   15  IIIIII  0.710
1685.50  0.7   38   3.0    2    8.3  8.8  8.2   B   32   13  IIIIII  0.792
1685.00  0.7   37               8.3  8.7  8.1   -    0    0  ......
1684.50  0.7   36   1.2   45    8.3  8.6  8.1   C   25   12  IIIIII  0.575
1684.00  0.7   37   2.1   81    8.3  8.5  8.1   D   22    8  IIIIII  1.371
1683.50  0.6   35   3.0  327    8.2  8.4  8.1   B   40   14  IIIIII  1.565
1683.00  0.6   35   6.7  248    8.2  8.4  8.1   C   37    8  IIIIII  1.656
1682.50  0.6   35               8.1  8.4  8.1   -    0    0  ......
1682.00  0.6   37               8.2  8.6  8.1   -    0    0  ......
1681.50  0.6   39   6.3  248    8.2  8.8  8.1   C   33   10  IIIIII  1.328
1681.00  0.6   42  11.5  245    8.2  8.8  8.2   A   78    4  I.IIII  1.010
1680.50  0.6   42  27.7  285    8.3  8.8  8.4   C   29    6  IIII.I  1.618
1680.00  0.6   42  26.5  280    8.4  8.8  8.4   D   27    9  IIIIII  1.672
1679.50  0.6   39  21.2   13    8.3  8.7  8.2   C   31   10  IIIIII  1.591
1679.00  0.6   35  17.2   97    8.3  8.4  8.3   B   38    8  IIIIII  1.479
1678.50  0.5   32  18.5   86    8.3  8.3  8.1   D   20    8  IIIIII  1.317
1678.00  0.5   33  17.3  164    8.4  8.2  8.2   E   13    6  IIIIII  1.436
1677.50  0.5   38  28.8  272    8.3  8.2  8.2   E    7    7  IIIIII  0.965
1677.00  0.6   38   8.6  274    8.2  8.2  8.1   C   26    7  II.III  1.059
1676.50  0.6   42  22.8  258    8.2  8.2  8.1   D   17    7  IIIIII  1.293
1676.00  0.6   41  30.1  179    8.2  8.2  8.1   A   53    5  .IIIII  0.924
1675.50  0.6   40   1.9   95    8.2  8.1  8.1   B   33   12  IIIIII  1.150
1675.00  0.6   39   5.8  159    8.3  8.2  8.1   B   31    5  .II.II  0.844
1674.50  0.6   32   3.6    6    8.3  8.3  8.1   A   44    8  IIIIII  1.308
1674.00  0.7   32   2.7  356    8.3  8.3  8.1   A   44   13  IIIIII  1.212
1673.50  0.6   31   8.7  325    8.3  8.2  8.0   B   38   11  IIIIII  1.375
1673.00  0.6   28   6.4  307    8.4  8.3  8.0   C   23    5  ..IIII  0.586
1672.50  0.5   29  28.0  176    8.5  8.3  8.1   C   19    5  IIIIII  0.579
1672.00  0.6   34   4.4  178    8.3  8.4  8.1   B   33   15  IIIIII  1.007
1671.50  0.6   36   5.1  179    8.2  8.3  8.1   C   21   14  IIIIII  0.652
1671.00  0.6   40   4.3   90    8.1  8.3  8.1   D   11    6  IIIIII  0.785
1670.50  0.6   39  12.1  292    8.2  8.3  8.1   A   73   12  IIIIII  1.623
1670.00  0.6   39  13.7  285    8.2  8.3  8.1   A   72   10  IIIIII  1.480
1669.50  0.6   32   8.3  242    8.1  8.2  8.1   A   70    8  IIII.I  1.002
1669.00  0.7   33   9.9  219    8.2  8.3  8.2   A   63   11  IIIIII  1.808
1668.50  0.8   32  24.2  112    8.5  8.4  8.2   A   79    4  IIII.I  0.687
1668.00  0.7   36  19.6  105    8.7  7.6  8.3   A   87    3  II...I  0.293
1667.50  0.7   35  13.6  123    8.5  8.4  8.3   D   16    7  IIIIII  0.713
1667.00  0.6   32   5.5  302    8.4  8.4  8.4   B   34    9  IIIIII  0.871
1666.50  0.7   36  21.8  254    8.7  8.6  8.4   C   25    5  I.IIII  1.259
1666.00  0.8   44  26.0   89    8.6  8.3  8.5   B   38    5  III.II  1.006
1665.50  0.8   39  16.5  105    8.5  8.4  8.3   A   69   11  IIIIII  1.357
1665.00  0.8   29   4.0  122    8.4  8.4  8.3   B   38   15  IIIIII  0.892
1664.50  0.7   19   3.4  165    8.3  8.3  8.3   D   19   13  IIIIII  0.958
1664.00  0.7   21   4.7  199    8.3  8.2  8.3   D   17   13  IIIIII  1.112
1663.50  0.6   26   2.4  220    8.3  8.2  8.2   C   27   13  IIIIII  1.575

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 Depth      Hole      Computed      Diameters(Ins)    Quality   Arm    Pad    Planar
Metres    Dev  Azi    Dip  Azi    1-4  2-5  3-6   Ind  Avg  Pairs  Status

1663.00  0.7   38   2.5  213    8.2  8.3  8.1   A   57   14  IIIIII  1.318
1662.50  0.5   39   4.8  130    8.6  8.8  8.6   B   37    9  IIIIII  1.413
1662.00  0.5   40   1.9  189   10.5 10.6 10.1   A   59   12  IIIIII  1.461
1661.50  0.6   42   7.8  222    9.0  9.7  9.1   A   94   12  IIIIII  1.361
1661.00  0.6   47  10.0  229    8.2  8.3  8.1   A   89   12  IIIIII  1.745
1660.50  0.6   42   3.0  116    8.2  8.3  8.1   A   85    7  IIIIII  1.492
1660.00  0.6   41  10.9  192    8.2  8.4  8.1   A   91    6  .IIIII  1.360
1659.50  0.6   38  12.2  243    9.6 10.0  9.2   A   66    6  IIIIII  0.869
1659.00  0.4   32   2.3  307   11.1 11.6  9.4   B   41   15  IIIIII  1.559
1658.50  0.5   48   4.2  283    8.8  8.7  8.4   C   33   14  IIIIII  1.487
1658.00  0.5   35   6.3  268    8.6  8.4  8.3   D   24    9  IIIIII  1.672
1657.50  0.6   35   3.9  218    8.3  8.2  8.1   A   55   14  IIIIII  1.464
1657.00  0.7   38  17.4  193    8.3  8.4  8.3   A   70    9  IIIIII  1.560
1656.50  0.7   38   2.4  262   10.4 11.7 11.5   A   55   11  IIIIII  1.579
1656.00  0.7   33   2.5  294    8.2  8.4  8.2   C   35   13  IIIIII  1.645
1655.50  0.6   31   2.0  337    8.2  8.3  8.3   A   51   13  IIIIII  1.653
1655.00  0.6   27   2.0  326    8.5  8.5  8.4   A   51   14  IIIIII  1.385
1654.50  0.6   30  10.5  231    8.4  8.2  8.2   D   17   10  IIIIII  1.590
1654.00  0.5   31  10.6  205    8.3  8.1  8.1   D   20    9  IIIIII  1.202
1653.50  0.5   35   9.6  252    8.2  8.1  8.1   B   37   12  IIIIII  1.315
1653.00  0.5   40   9.4  252    8.2  8.5  8.6   C   37   11  IIIIII  1.653
1652.50  0.5   45   6.2  182    8.3  8.4  8.4   D   25   12  IIIIII  1.759
1652.00  0.6   52   4.0  217    8.1  8.4  8.2   C   31    9  IIIIII  1.401
1651.50  0.6   50   8.5  183    8.1  8.4  8.1   B   40    8  IIIIII  1.038
1651.00  0.6   43   7.8   72    8.2  8.4  8.1   E   11    7  IIIIII  1.428
1650.50  0.6   46   6.4  346    8.2  8.3  8.1   E    7    8  IIIIII  1.571
1650.00  0.6   48   2.5  262    8.2  8.4  8.2   D   14    6  IIIIII  1.177
1649.50  0.6   41  34.1  341    8.2  8.4  8.2   E    8    6  IIIIII  1.443
1649.00  0.6   43  32.3  300    8.1  8.4  8.1   E    5    6  IIIIII  1.331
1648.50  0.7   43  13.6  322    8.3  8.6  8.2   D   16    5  I.IIII  1.109
1648.00  0.7   41  20.8  290    8.2  8.7  8.2   C   24    5  IIIIII  0.667
1647.50  0.8   39   3.3   46    8.2  8.7  8.1   D   22    7  IIIIII  1.424
1647.00  0.8   38   1.7   59    8.2  8.6  8.1   C   35   10  IIIIII  1.485
1646.50  0.8   40  15.3   85    8.1  8.5  8.1   B   46   10  IIIIII  1.613
1646.00  0.8   40   4.9   55    8.2  8.7  8.1   A   48   11  IIIIII  1.246
1645.50  0.9   43   5.3  334    8.3  8.7  8.0   A   55   15  IIIIII  1.486
1645.00  0.9   42  10.1  300    8.3  8.5  8.1   A   44   15  IIIIII  0.986
1644.50  0.8   44  10.0  183    8.5  8.6  8.3   C   27    7  IIIIII  1.032
1644.00  0.7   52  26.1  157    8.3  8.5  8.2   C   24    7  IIII.I  0.479
1643.50  0.7   53  15.6    7    8.2  8.4  8.2   B   38    6  IIIIII  1.195
1643.00  0.8   51  14.1  358    8.3  8.4  8.1   C   26    8  IIIIII  1.531
1642.50  0.8   52  33.4  344    8.4  8.7  8.2   E   13    6  I.IIII  1.461
1642.00  0.8   49  29.2  351    8.3  8.5  8.1   C   24    6  I.II.I  0.906
1641.50  0.8   49  11.9  128    8.3  8.6  8.1   C   25   12  IIIIII  1.447
1641.00  0.9   46  12.3  131    8.3  8.8  8.3   D   21   12  IIIIII  1.332
1640.50  0.8   46   4.8   45    8.2  8.9  8.3   D   18    9  IIIIII  1.662
1640.00  0.8   45   8.2   22    8.3  9.0  8.3   C   27    9  IIIIII  1.062
1639.50  0.8   41  23.4  206    8.4  9.0  8.2   A   46    4  II..II  1.190
1639.00  0.7   39  15.9  260   10.5  9.4  9.4   B   34    7  IIIIII  1.075
1638.50  0.6   36   4.2  255    9.3 10.1 10.2   A   86   10  IIIIII  1.844
1638.00  0.8   40   7.6  303    8.6  8.9  8.6   A   79    7  III.II  1.413
1637.50  0.9   43   6.6  309    8.4  8.6  8.3   A   68    6  II..II  1.035
1637.00  0.9   45  12.5  324    8.6  9.1  8.6
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 Depth     Hole     Computed    Diameters(Ins)  Quality  Arm   Pad   Planar
 Metres   Dev  Azi   Dip  Azi    1-4  2-5  3-6  Ind Avg Pairs Status

1663.00   0.7   38   2.5  213    8.2  8.3  8.1   A   57   14  IIIIII  1.318
1662.50   0.5   39   4.8  130    8.6  8.8  8.6   B   37    9  IIIIII  1.413
1662.00   0.5   40   1.9  189   10.5 10.6 10.1   A   59   12  IIIIII  1.461
1661.50   0.6   42   7.8  222    9.0  9.7  9.1   A   94   12  IIIIII  1.361
1661.00   0.6   47  10.0  229    8.2  8.3  8.1   A   89   12  IIIIII  1.745
1660.50   0.6   42   3.0  116    8.2  8.3  8.1   A   85    7  IIIIII  1.492
1660.00   0.6   41  10.9  192    8.2  8.4  8.1   A   91    6  .IIIII  1.360
1659.50   0.6   38  12.2  243    9.6 10.0  9.2   A   66    6  IIIIII  0.869
1659.00   0.4   32   2.3  307   11.1 11.6  9.4   B   41   15  IIIIII  1.559
1658.50   0.5   48   4.2  283    8.8  8.7  8.4   C   33   14  IIIIII  1.487
1658.00   0.5   35   6.3  268    8.6  8.4  8.3   D   24    9  IIIIII  1.672
1657.50   0.6   35   3.9  218    8.3  8.2  8.1   A   55   14  IIIIII  1.464
1657.00   0.7   38  17.4  193    8.3  8.4  8.3   A   70    9  IIIIII  1.560
1656.50   0.7   38   2.4  262   10.4 11.7 11.5   A   55   11  IIIIII  1.579
1656.00   0.7   33   2.5  294    8.2  8.4  8.2   C   35   13  IIIIII  1.645
1655.50   0.6   31   2.0  337    8.2  8.3  8.3   A   51   13  IIIIII  1.653
1655.00   0.6   27   2.0  326    8.5  8.5  8.4   A   51   14  IIIIII  1.385
1654.50   0.6   30  10.5  231    8.4  8.2  8.2   D   17   10  IIIIII  1.590
1654.00   0.5   31  10.6  205    8.3  8.1  8.1   D   20    9  IIIIII  1.202
1653.50   0.5   35   9.6  252    8.2  8.1  8.1   B   37   12  IIIIII  1.315
1653.00   0.5   40   9.4  252    8.2  8.5  8.6   C   37   11  IIIIII  1.653
1652.50   0.5   45   6.2  182    8.3  8.4  8.4   D   25   12  IIIIII  1.759
1652.00   0.6   52   4.0  217    8.1  8.4  8.2   C   31    9  IIIIII  1.401
1651.50   0.6   50   8.5  183    8.1  8.4  8.1   B   40    8  IIIIII  1.038
1651.00   0.6   43   7.8   72    8.2  8.4  8.1   E   11    7  IIIIII  1.428
1650.50   0.6   46   6.4  346    8.2  8.3  8.1   E    7    8  IIIIII  1.571
1650.00   0.6   48   2.5  262    8.2  8.4  8.2   D   14    6  IIIIII  1.177
1649.50   0.6   41  34.1  341    8.2  8.4  8.2   E    8    8  IIIIII  1.443
1649.00   0.6   43  32.3  300    8.1  8.4  8.1   E    5    6  IIIIII  1.331
1648.50   0.7   43  13.6  322    8.3  8.6  8.2   D   16    5  I.IIII  1.189
1648.00   0.7   41  20.8  290    8.2  8.7  8.2   C   24    5  IIIIII  0.667
1647.50   0.8   39   3.3   46    8.2  8.7  8.1   D   22    7  IIIIII  1.424
1647.00   0.8   38   1.7   59    8.2  8.6  8.1   C   35   10  IIIIII  1.485
1646.50   0.8   40  15.3   85    8.1  8.5  8.1   B   46   10  IIIIII  1.613
1646.00   0.8   40   4.9   55    8.2  8.7  8.1   A   48   11  IIIIII  1.246
1645.50   0.9   43   5.3  334    8.3  8.7  8.0   A   55   15  IIIIII  1.486
1645.00   0.9   42  10.1  300    8.3  8.5  8.1   A   44   15  IIIIII  0.986
1644.50   0.8   44  10.0  183    8.5  8.6  8.3   C   27    7  IIIIII  1.032
1644.00   0.7   52  26.1  157    8.3  8.5  8.2   C   24    7  IIII.I  0.479
1643.50   0.7   53  15.6    7    8.2  8.4  8.2   B   38    6  IIIIII  1.195
1643.00   0.8   51  14.1  358    8.3  8.4  8.2   C   26    8  IIIIII  1.531
1642.50   0.8   52  33.4  344    8.4  8.7  8.2   E   13    6  I.IIII  1.461
1642.00   0.8   49  29.2  351    8.3  8.5  8.1   C   24    6  I.II.I  0.906
1641.50   0.8   49  11.9  128    8.3  8.6  8.1   C   25   12  IIIIII  1.447
1641.00   0.9   46  12.3  131    8.3  8.8  8.3   D   21   12  IIIIII  1.332
1640.50   0.8   46   4.8   45    8.2  8.9  8.3   D   18    9  IIIIII  1.662
1640.00   0.8   45   8.2   22    8.3  9.0  8.3   C   27    9  IIIIII  1.062
1639.50   0.8   41  23.4  206    8.4  9.0  8.2   A   46    4  II..II  1.190
1639.00   0.7   39  15.9  260   10.5  9.4  9.4   B   34    7  IIIIII  1.075
1638.50   0.6   36   4.2  255    9.3 10.1 10.2   A   86   10  IIIIII  1.844
1638.00   0.8   40   7.6  303    8.6  8.9  8.6   A   79    7  II.III  1.413
1637.50   0.9   43   6.6  304    8.4  8.6  8.3   A   68    6  II..II  1.035
1637.00   0.9   45  12.5  324    8.6  9.1  8.6   B   30    4  I.IIII  0.132
1636.50   0.9   46   4.4  157    8.3  8.8  8.8   A   92    9  IIIII.  1.630
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 Depth     Hole     Computed    Diameters(Ins)  Quality  Arm   Pad   Planar
 Metres   Dev  Azi   Dip  Azi    1-4  2-5  3-6  Ind Avg Pairs Status

1636.00   0.9   48   4.9  155    8.5  9.3  9.0   A   90   10  IIIII.  1.693
1635.50   0.8   47   5.8   71    8.5  9.1  9.0   C   24   12  IIIIII  1.130
1635.00   0.8   48   2.8  310    8.6  9.5  9.0   E   14    5  IIIIII  1.460
1634.50   0.8   54   4.5   50    8.7  9.1  9.5   E   13    9  IIIIII  1.297
1634.00   0.8   51   2.0  322    8.9  9.0  9.2   B   43    6  .IIIII  1.637
1633.50   0.8   55   7.1  347    8.4  9.0  8.9   B   44    8  IIIIII  1.587
1633.00   0.9   51   8.3  346    8.1  8.7  8.4   C   27    9  IIIIII  0.976
1632.50   0.9   54   6.2  319    8.1  8.8  8.3   D   17    7  IIIIII  1.519
1632.00   0.9   53   2.8  296    8.1  8.9  8.3   A   64    8  II.III  1.359
1631.50   0.9   51   7.3  237    8.8 10.2  9.6   A   85    9  IIIIII  1.582
1631.00   0.8   58   6.7  245    8.8  9.7  9.0   A   78   15  IIIIII  0.769
1630.50   0.7   43   5.1  234    8.9  9.7  9.1   A   79   15  IIIIII  0.966
1630.00   0.7   43   4.9  232    8.7  9.4  8.7   A   86   15  IIIIII  0.914
1629.50   0.6   45   2.6  234    8.7  9.0  8.4   A   78   15  IIIIII  0.788
1629.00   0.6   40   5.1  241    8.7  9.0  8.5   A   79   13  IIIIII  1.646
1628.50   0.7   45   5.9  229    8.6  8.8  8.4   A   66   15  IIIIII  1.123
1628.00   0.8   46   4.3  228    8.3  8.5  8.2   A   50   14  IIIIII  1.576
1627.50   0.7   48   2.8  267    8.4  8.5  8.4   B   42   11  IIIIII  1.587
1627.00   0.8   48   3.0  282    8.2  8.3  8.3   A   64    9  IIIIII  1.686
1626.50   0.7   49   3.9  279    8.4  8.9  8.8   B   34    7  IIIII.  0.970
1626.00   0.7   50   1.6   59    8.4  9.1  8.9   A   81    8  IIIIII  1.139
1625.50   0.8   48   2.3   83    8.4  8.9  8.5   A   85    6  IIIIII  1.465
1625.00   0.8   51  11.2  134    9.0  8.9  8.4   A   50   10  IIIIII  1.084
1624.50   0.7   46  23.6  264    8.9  8.7  8.3   D   11    5  IIIIII  0.582
1624.00   0.8   50   8.4  305    8.6  8.9  8.1   C   27    5  .III.I  1.193
1623.50   0.8   51   4.6  301    8.4  8.5  8.1   B   45   13  IIIIII  1.579
1623.00   0.8   50   2.7  287    8.2  8.4  8.1   A   89   15  IIIIII  1.099
1622.50   0.8   49   1.8  297    8.5  8.6  8.2   A   94   14  IIIIII  1.331
1622.00   0.7   47   7.0  202    8.8  9.0  8.2   A   42    6  II.III  0.994
1621.50   0.7   43  16.8  343    9.2  9.0  8.2   E   10    5  IIIII.  1.046
1621.00   0.7   46   6.0   49    9.1  8.9  8.1   A   67    6  IIIIII  1.209
1620.50   0.8   51   1.6  331    9.7  9.1  8.5   A   89   15  IIIIII  1.131
1620.00   0.7   52   2.1  338    9.1  8.9  8.2   A   88   14  IIIIII  1.209
1619.50   0.7   44   2.6  333    9.3  9.1  8.4   B   39    7  IIII.I  1.039
1619.00   0.7   41   2.5  181    9.8  8.9  9.1   A   83   13  IIIIII  1.491
1618.50   0.8   45   2.7  207    8.8  8.6  8.2   A   84   12  IIIIII  1.292
1618.00   0.8   44   2.4  330    8.9  8.7  8.4   A   77   15  IIIIII  0.695
1617.50   0.8   42   2.0   25    8.6  8.4  8.1   A   86   15  IIIIII  0.831
1617.00   0.8   44   2.0   28    8.8  8.6  8.4   A   87   15  IIIIII  0.787
1616.50   0.7   40               8.5  8.4  8.3   -    0    0  ......
1616.00   0.7   46   2.9  213    8.4  8.1  8.1   A   61    6  IIII..  0.911
1615.50   0.7   45   5.8  253    8.4  8.2  8.1   B   40    9  IIIIII  1.650
1615.00   0.8   48  11.8  278    8.7  8.2  8.1   A   57    7  IIII.I  1.234
1614.50   0.8   48  12.6  285    8.7  8.2  8.1   A   69    7  IIII.I  1.129
1614.00   0.9   46   6.5   19    8.7  8.3  8.3   A   53    7  IIIIII  1.432
1613.50   0.9   45   4.7  296    8.5  8.2  8.3   D   17   13  IIIIII  1.438
1613.00   0.8   43   4.4   12    8.6  8.1  8.3   E   12   11  IIIIII  1.668
1612.50   0.8   43   6.4  264    8.5  8.2  8.2   A   66   10  III.II  1.438
1612.00   0.8   42   6.9  262    8.4  8.2  8.2   A   50   10  III.II  1.343
1611.50   0.7   40   7.2  261    8.3  8.2  8.1   B   37   10  III.II  1.126
1611.00   0.7   41   2.9  198    8.4  8.3  8.2   A   83   15  IIIIII  1.268
1610.50   0.6   44   2.9  201    8.5  8.3  8.3   A   86   15  IIIIII  1.247
1610.00   0.7   42   3.0  200    8.5  8.3  8.2   A   72    9  IIIIII  1.579
1609.50   0.7   43   6.4  261    8.7  8.4  8.3   E   16   12  IIIIII  1.695
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 Depth     Hole     Computed    Diameters(Ins)  Quality  Arm   Pad   Planar
 Metres   Dev  Azi   Dip  Azi    1-4  2-5  3-6  Ind Avg Pairs Status

1609.00   0.8   41   3.5  249    8.8  8.4  8.6   E    8   11  IIIIII  1.211
1608.50   0.8   40   7.0  291    8.8  8.2  8.7   E    5    9  IIIIII  1.144
1608.00   0.9   36   3.6  317    8.7  8.2  8.8   C   26   10  IIII.I  1.460
1607.50   0.9   31   3.1  316    8.4  8.3  8.7   C   29   10  IIII.I  1.512
1607.00   0.8   32   2.2  298    8.2  8.3  8.5   E   13    9  IIII.I  1.414
1606.50   0.8   33   2.8  259    8.2  8.4  8.4   D   18   11  IIIIII  0.981
1606.00   0.8   33   3.1  246    8.3  8.5  8.4   A   57   15  IIIIII  0.590
1605.50   0.8   36   2.9  248    8.3  8.4  8.3   A   53   15  IIIIII  0.567
1605.00   0.8   40   2.0  266    8.2  8.2  8.2   D   17   13  IIIIII  1.215
1604.50   0.8   45   4.0  252    8.2  8.2  8.2   C   29   12  IIIIII  1.089
1604.00   0.9   42   2.3  282    8.3  8.3  8.3   B   35   14  IIIIII  1.203
1603.50   0.9   41   2.4  292    8.4  8.3  8.5   C   25    8  IIIIII  0.919
1603.00   0.9   38  22.4   24    8.3  8.3  8.4   A   41    6  IIIIII  0.904
1602.50   0.8   38   3.4  271    8.3  8.4  8.4   D   23   12  IIIIII  1.522
1602.00   0.9   36   1.3   37    8.5  8.4  8.2   D   18   10  IIIIII  1.310
1601.50   0.8   37   8.4  216    8.3  8.2  8.3   E   10   11  IIIIII  1.216
1601.00   0.8   41   4.8  268    8.2  8.2  8.2   C   26   14  IIIIII  1.296
1600.50   0.8   39   3.3  305    8.1  8.2  8.2   C   26   14  IIIIII  1.510
1600.00   0.8   39   3.2  297    8.2  8.2  8.1   A   53   14  IIIIII  1.423
1599.50   0.8   38  10.4  124    8.2  8.2  8.1   D   21    6  IIII.I  1.096
1599.00   0.9   38  11.9  119    8.2  8.3  8.1   D   14    7  IIII.I  0.626
1598.50   0.9   38   7.2   74    8.2  8.3  8.1   D   11    5  II.III  0.554
1598.00   1.0   37   6.3  359    8.2  8.4  8.2   D   17    7  IIII.I  1.203
1597.50   1.0   37  27.8   14    8.2  8.3  8.0   E    9    6  IIII.I  1.196
1597.00   1.0   36  27.2  344    8.2  8.3  8.0   C   24    4  II..II  0.690
1596.50   0.9   35   7.5  189    8.3  8.3  8.1   C   23    4  II..II  0.937
1596.00   0.9   36               8.2  8.2  8.1   -    0    0  ......
1595.50   0.9   37   4.8   70    8.2  8.3  8.0   A   60    4  IIIII.  0.875
1595.00   1.0   40  12.3  288    8.1  8.3  8.1   A   55   11  IIIIII  1.387
1594.50   1.0   42   5.9  308    8.2  8.3  8.1   C   25    9  IIIIII  1.230
1594.00   1.0   43   5.2  296    8.2  8.3  8.1   C   23    9  IIIIII  0.807
1593.50   1.0   43   3.5  249    8.2  8.4  8.1   E   11    5  III..I  1.181
1593.00   1.0   42   4.2  161    8.4  8.4  8.2   E    8    7  IIIIII  1.006
1592.50   1.0   40   3.2  247    8.6  8.4  8.2   D   21   10  IIIIII  1.537
1592.00   0.9   39   9.3  252    8.5  8.2  8.2   B   38    9  IIIIII  1.283
1591.50   0.9   39   4.3  257    8.3  8.2  8.1   B   43    8  IIIIII  1.399
1591.00   0.9   39   3.3  278    8.2  8.2  8.2   B   33    9  IIIIII  1.162
1590.50   0.9   43   3.9  265    8.2  8.2  8.0   D   18   13  IIIIII  1.670
1590.00   0.9   44   2.6  279    8.3  8.2  8.1   D   23   13  IIIIII  1.457
1589.50   0.9   42   3.9  271    8.3  8.2  8.1   B   36   14  IIIIII  1.340
1589.00   0.9   41   3.8  267    8.3  8.2  8.1   D   18   13  IIIIII  1.198
1588.50   0.9   42               8.3  8.2  8.1   -    0    0  ......
1588.00   1.0   42   0.6  359    8.4  8.2  8.2   B   39   13  IIIIII  1.504
1587.50   1.0   43   7.0  279    8.4  8.2  8.2   A   53   14  IIIIII  0.910
1587.00   1.0   41   7.1  273    8.4  8.2  8.2   A   52   14  IIIIII  0.912
1586.50   1.0   41   4.4  283    8.4  8.2  8.2   A   62   15  IIIIII  0.935
1586.00   1.0   43  16.2  205    8.3  8.2  8.2   A   50    8  IIIIII  1.392
1585.50   1.0   43   7.8  224    8.3  8.2  8.1   B   37    8  IIIIII  1.250
1585.00   1.0   44  23.9  210    8.2  8.2  8.0   D   18    7  IIIIII  0.981
1584.50   1.1   44   2.2  347    8.3  8.2  8.1   C   25   10  IIIIII  1.292
1584.00   1.1   45   0.8  342    8.3  8.1  8.1   C   23   14  IIIIII  0.687
1583.50   1.1   47   1.5  354    8.3  8.2  8.2   C   30   13  IIIIII  1.149
1583.00   1.1   48   5.5  319    8.4  8.2  8.3   D   15    8  IIIII.  1.312
1582.50   1.1   49   3.6  280    8.3  8.1  8.3   A   77   15  IIIIII  0.918
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 Depth     Hole     Computed    Diameters(Ins)  Quality  Arm   Pad   Planar
 Metres   Dev  Azi   Dip  Azi    1-4  2-5  3-6  Ind Avg Pairs Status

1582.00   1.1   47   3.5  282    8.4  8.1  8.2   A   78   15  IIIIII  0.960
1581.50   1.1   46   1.4  355    8.4  8.2  8.4   D   17    7  II.III  1.445
1581.00   1.0   49   7.6  283    8.2  8.4  8.3   A   74   15  IIIIII  1.496
1580.50   1.0   49   5.9  305    8.2  8.3  8.2   A   74    9  IIIII.  0.321
1580.00   1.0   51   9.9  287    8.2  8.2  8.1   A   73   10  IIIIII  1.818
1579.50   1.0   50   5.6  284    8.2  8.2  8.1   D   24   15  IIIIII  1.356
1579.00   1.0   51   5.2  278    8.2  8.2  8.1   C   27    8  IIII.I  0.744
1578.50   0.9   50   5.7  295    8.3  8.3  8.1   B   33    9  IIII.I  1.002
1578.00   0.9   50   4.8  316    8.3  8.3  8.1   C   27   13  IIIIII  1.445
1577.50   0.9   49   1.9  129    8.4  8.3  8.1   A   77   10  IIIIII  1.515
1577.00   0.9   45   7.3  170    8.3  8.2  8.1   A   83    8  III.II  1.683
1576.50   0.9   46   4.5  130    8.4  8.3  8.3   A   60   10  IIIIII  1.839
1576.00   1.0   44  26.4  266    8.8  8.9  9.0   D   18    7  IIII.I  1.063
1575.50   0.9   47  11.4  197    8.5  8.5  8.4   D   15    6  II..II  1.197
1575.00   0.9   44  11.0  279    8.4  8.6  8.4   D   16    9  IIIIII  1.174
1574.50   0.8   46  23.3  301    8.7  8.5  8.5   C   30    6  IIII.I  1.226
1574.00   0.8   45   1.7    3    8.4  8.5  8.3   C   23    6  IIIIII  1.117
1573.50   0.9   46   1.8  322    8.6  8.5  8.4   B   34    6  ..IIII  0.656
1573.00   0.9   43   2.9  320    8.6  8.7  8.7   D   17    7  .IIIII  0.734
1572.50   0.9   44   4.4  307    8.6  8.8  8.7   C   24    5  IIIII.  0.413
1572.00   0.9   44  23.5   53    8.5  8.9  8.8   B   33    4  II.III  0.691
1571.50   0.9   45   4.9  303    8.6  8.7  8.5   B   36    6  IIII.I  1.181
1571.00   0.9   47   5.6  236    8.6  8.6  8.5   A   61   14  IIIIII  1.499
1570.50   0.9   47   7.1  249    8.5  8.5  8.5   A   68   13  IIIIII  1.343
1570.00   0.9   47  17.1  284    8.8  8.8  8.7   C   33    9  IIIIII  1.449
1569.50   0.9   48  16.1  278    9.2  9.2  8.9   B   30    7  IIIIII  0.875
1569.00   0.9   43   5.8  250    8.9  9.0  8.9   D   20   12  IIIIII  1.075
1568.50   0.8   39   8.3  263    8.7  8.8  8.6   D   19   10  IIIIII  1.444
1568.00   0.8   39  27.9  286    8.7  8.7  8.5   C   27    9  IIIIII  1.571
1567.50   0.9   36  31.5  235    9.3  9.0  8.8   D   19   10  IIIIII  1.477
1567.00   1.0   40  22.4  269   11.1 10.3 10.4   D   25   12  IIIIII  1.486
1566.50   0.8   40   4.7  234    8.8  8.8  8.8   C   23   14  IIIIII  1.069
1566.00   0.9   42   5.1  227    8.8  8.7  8.7   A   46   13  IIIIII  1.199
1565.50   0.9   40   4.4  219    8.4  8.5  8.3   A   55   13  IIIIII  1.327
1565.00   0.8   40   4.1  222    8.5  8.6  8.5   A   60   13  IIIIII  1.516
1564.50   0.8   39   1.5  329    8.4  8.4  8.4   A   40    9  IIIIII  0.464
1564.00   0.9   44   1.7  344    8.5  8.5  8.5   B   30    9  IIIIII  0.861
1563.50   0.9   45   3.9  260    8.7  8.9  8.8   C   18    7  I.IIII  0.556
1563.00   0.9   47   3.2  294    8.9  9.0  8.8   B   40    9  IIIIII  1.421
1562.50   1.0   48   4.3   34    8.5  8.5  8.3   A   73   15  IIIIII  1.596
1562.00   1.0   49   4.1   28    8.5  8.4  8.3   A   73   14  IIIIII  1.627
1561.50   1.0   49  13.2   92    8.3  8.4  8.2   A   58    6  IIIII.  1.729
1561.00   1.0   50   2.6  211    8.3  8.4  8.3   D   10    9  IIIII.  0.663
1560.50   1.0   48  17.8   83    8.4  8.4  8.3   C   31    7  .IIIII  1.394
1560.00   0.9   48   9.3  114    8.6  8.5  8.5   A   62    3  I..I.I  0.867
1559.50   0.8   44   8.8  125    8.9  8.5  8.6   A   71    3  I..I.I  1.273
1559.00   0.9   46  15.4  209    8.6  8.4  8.4   B   30    5  .IIIII  0.335
1558.50   0.8   43   2.2   41    8.5  8.3  8.4   C   26   11  IIIIII  1.372
1558.00   0.9   45   1.1   58    8.4  8.5  8.5   B   38   10  IIIIII  1.532
1557.50   0.9   43  10.0  345    8.5  8.4  8.4   A   63    5  II.II.  0.766
1557.00   0.9   45  24.3   74    8.3  8.3  8.2   D   19    7  IIII.I  0.922
1556.50   0.9   49  27.1   81    8.4  8.3  8.4   C   23    5  IIIII.  1.098
1556.00   0.9   53  18.4  233    8.5  8.3  8.5   D   15    9  IIIIII  1.072
1555.50   1.0   54  28.3  340    8.5  8.3  8.5   D   21    8  IIIIII  1.627
```

```
 Depth     Hole     Computed    Diameters(Ins)  Quality  Arm   Pad   Planar
 Metres   Dev  Azi   Dip  Azi    1-4  2-5  3-6  Ind Avg Pairs Status

1555.00   1.0   55  29.5  355    8.5  8.3  8.6   E   11    9  IIIIII  1.199
1554.50   1.0   55   2.9  331    8.4  8.3  8.6   D   20    9  IIIIII  1.215
1554.00   1.0   58  19.4  348    8.6  8.5  8.7   D   17   10  .IIIII  1.417
1553.50   1.0   58  20.9  351    8.6  8.5  8.7   D   27   10  IIIIII  1.703
1553.00   1.0   58   8.0  337    8.6  8.6  8.7   C   29   10  IIIIII  1.449
1552.50   1.1   62   8.7  313    8.6  8.7  8.7   D   17   11  IIIIII  1.134
1552.00   1.0   58   8.4  310    8.5  8.5  8.5   C   20    8  IIIIII  0.867
1551.50   1.0   58   6.6  280    8.4  8.3  8.3   A   62   12  IIIIII  1.340
1551.00   1.0   57   4.5  295    8.9  8.6  8.6   A   62   12  IIIIII  1.864
1550.50   0.9   59   5.8  307    8.7  8.5  8.5   A   56   12  IIIIII  1.492
1550.00   0.9   59  10.1  269    8.7  8.5  8.7   A   57    8  IIIIII  1.391
1549.50   0.9   59  10.3   14    8.9  8.7  9.0   B   32    8  IIIIII  1.048
1549.00   1.0   61   5.4   45    9.1  9.1  9.5   A   53    8  IIIIII  0.955
1548.50   1.0   58  13.6   37    9.1  9.5  9.6   B   33    7  IIIII.  0.539
1548.00   1.0   62   7.3  299    9.0  9.7  9.3   D   20    8  IIIIII  1.619
1547.50   0.9   61   5.1  287    9.1  9.6  9.3   C   33   10  IIIIII  1.640
1547.00   0.9   64   5.3  295    9.4  9.6  9.4   A   54   13  IIIIII  1.327
1546.50   1.1   77   2.6  291    9.6  9.6  9.7   D   21    8  IIIIII  1.270
1546.00   0.9   61  22.6  180   10.1 11.0  9.9   E    5    7  IIIII.  1.201
1545.50   0.9   49  33.7   27   11.3 11.6 11.7   E    8    6  I.IIII  1.448
1545.00   0.8   63  10.0  253   11.3 11.6 13.2   E    7    7  IIII.I  1.646
1544.50   0.9   71  23.4  314   10.9 11.3 11.1   D    7    5  IIIIII  0.515
1544.00   0.9   70  31.2  184   10.7 10.8 11.3   E    5    6  .IIIII  1.274
1543.50   1.0   63  14.6  134   14.1 11.7 11.5   E   10    8  IIIIII  2.167
1543.00   0.9   53  27.3  289   13.7 13.6 14.5   D    9    6  II.III  0.761
1542.50   1.0   63  26.5  186   12.6 13.1 14.8   E    6    7  .IIIII  1.057
1542.00   1.0   59  27.7  306   16.2 13.7 13.5   C   17    3  II..I.  0.613
1541.50   1.0   64  15.9   24   13.9 13.8 14.2   E    8    7  IIIIII  1.366
1541.00   1.0   63   5.3  201   13.0 13.1 14.2   D    9    6  IIIII.  0.663
1540.50   1.0   66   8.1  275   12.5 13.9 13.5   D   20    6  IIIIII  1.402
1540.00   0.9   66  24.7  298   12.3 11.6 14.8   C   18    5  IIII..  0.555
1539.50   0.9   69  32.1  327   12.5 11.8 13.5   E    7    6  II.III  0.844
1539.00   1.0   56  31.4  251   14.5 14.3 15.4   D    9    6  IIIIII  0.805
1538.50   0.7   56  21.1  220   13.4 12.5 15.4   E    9    8  IIIIII  1.362
1538.00   0.6   63  23.2  218   13.4 11.9 15.6   D   19    9  IIIIII  1.411
1537.50   1.0   64  14.0  166   11.8 12.7 13.1   E   16    9  IIIIII  1.660
1537.00   0.8   76  12.4  185   15.6 13.5 16.0   C   23    8  IIIIII  1.230
1536.50   0.6   82  14.3  159   11.4 11.3 12.1   E    8    7  IIII.I  1.031
1536.00   0.8   50  27.3  329   10.6 12.1 12.1   E   10    6  IIIIII  0.989
1535.50   0.7   65  31.2  256   12.7 15.4 12.7   E    9    9  IIIIII  1.098
1535.00   0.7   60  24.1  299   10.7 10.7 10.5   E   10    7  IIII.I  1.062
1534.50   0.8   65  24.7   63   10.8 10.8 10.7   C   17    3  .I.I.I  0.114
1534.00   0.8   66   9.9  209   10.5 10.3 10.3   A   49    7  I.IIII  1.682
1533.50   0.8   60  13.2  207    9.7 10.0 10.2   B   39    7  II.III  1.207
1533.00   0.8   68  15.5  276    9.8  9.9 10.0   D   17    6  III.II  1.421
1532.50   0.9   69  17.8   19    9.9 10.0  9.8   D   14    5  IIIII.  0.637
1532.00   1.0   79  19.9   18   11.9 10.6 10.7   D   16    5  IIIIII  0.678
1531.50   0.9   62  22.4  345   16.4 16.3 14.1   D   15    6  IIIIII  0.916
1531.00   1.0   74  34.2  149   15.6 13.2 11.8   D    7    6  IIIIII  0.453
1530.50   0.9   62  30.4   87   13.0 12.3 16.6   D    9    6  IIII.I  0.484
1530.00   0.8   54  14.8  351   12.1 13.1 13.3   C   25    6  III.II  1.213
1529.50   0.6   61  33.1  202   11.4 10.3 10.8   D   18    5  .IIIII  1.242
1529.00   0.8   34   6.6  205   23.4 23.9 24.0   B   32    6  IIIIII  0.894
1528.50   0.6   61  16.6   23   23.9 23.9 24.0   A   71    3  I.I.I.  1.241
```

```
 Depth     Hole     Computed    Diameters(Ins)  Quality  Arm   Pad   Planar
 Metres   Dev  Azi   Dip  Azi    1-4  2-5  3-6  Ind Avg Pairs Status

1528.00   0.7  117  15.4  349   22.0 23.9 23.9   A   68    4  I.I.II  1.081
1527.50   0.8  338   5.3   20   23.8 23.9 24.0   A   74    4  II.III  1.549
1527.00   1.1  326   3.5  129   23.5 21.6 21.5   A   55    7  IIIIII  1.425
```

ENCLOSURE 8 VOL 2 OR-0898

HALLIBURTON
LOGGING SERVICES, INC.

FINAL PRINT

SPECTRAL DENSITY
DUAL SPACED NEUTRON
GAMMA LOG

COMPANY SAGASCO RESOURCES L
WELL FLINDERS-1
FIELD EXPLORATION
PROVINCE BASS BASIN

COMPANY SAGASCO RESOURCES LTD.
WELL FLINDERS-1
FIELD EXPLORATION
PROVINCE BASS BASIN STATE TS
API NO TASMANIA
LOCATION PERMIT: T/25P
SEISMIC: TNK4-79 (SP900)
LAT: 40 22 51.810 - S
LONG: 145 40 18.690 - E
EASTING: 387260.80 M
NORTHING: 5529085.50 M
OTHER SERVICES
HRI/MSFL/LSS
CSNG
SED-C/GR
VSP

SECT N/A TWP N/A RGE N/A
PERMANENT DATUM M.S.L. ELEV. 0.0
LOG MEASURED FROM RT 22.3 M.ABOVE PERM DATUM
DRILLING MEASURED FROM ROTARY TABLE DF
ELEV.:K.B. N/A
D.F. 22.3 M
G.L. -69.25

DATE	17 DEC 1992			
RUN NO.	2B			
DEPTH-DRILLER	2723.0 M			
DEPTH-LOGGER	2717.7 M			
BTM. LOG INTER	2716.6 M			
TOP LOG INTER	CASING			
CASING-DRILLER	9.625@1520	@	@	@
CASING-LOGGER	1525.2 M			
BIT SIZE	8.5			
TYPE FLUID IN HOLE	POLYMER			
DENS. : VISC.	1.12 :52	:	:	:
PH : FLUID LOSS	9.5 :6	:	:	:
SOURCE OF SAMPLE	FLOW LINE			
RM @ MEAS. TEMP.	1.30 @22.11	@	@	@
RMF @ MEAS. TEMP.	1.26 @22.61	@	@	@
RMC @ MEAS. TEMP.	1.75 @19.27	@	@	@
SOURCE RMF:RMC	MEAS :MEAS	:	:	:
RM @BHT	.392 @123.3	@	@	@
TIME SINCE CIRC.	19.5 HOURS			
TIME ON BOTTOM	1416			
MAX. REC TEMP.	123.3@TD	@	@	@
EQUIP.: LOCATION	10598:SLE	:	:	:
RECORDED BY	L. JONES			
WITNESSED BY	J. REEVE	C. ALBISTON		

FOLD HERE

5 cm

SERVICE TICKET NO.: H-1454 API SERIAL NO.: PGM VERSION: 2.24

CHANGE IN MUD TYPE OR ADDITIONAL SAMPLES		
DATE:SAMPLE NO.	/ / :	/ / :
DEPTH-DRILLER		
TYPE FLUID IN HOLE		
DENS. : VISC	:	:
PH : FLUID LOSS	:	:
SOURCE OF SAMPLE		
RM @ MEAS TEMP	@	@
RMF @ MEAS TEMP	@	@
RMC @ MEAS TEMP	@	@
SOURCE: RMF:RMC	:	:
RM @ BHT	.392 @123.3	@
RMF @ BHT	.384 @123.3	@
RMC @ BHT	.493 @123.3	@

RESISTIVITY SCALE CHANGES

TYPE LOG	DEPTH	SCALE UP HOLE	SCALE DOWN HOLE
		NONE	

RESISTIVITY EQUIPMENT DATA

RUN NO	TOOL TYPE & NO	PAD TYPE	TOOL POS.	OTHER
2B	DSTU #111533		CENT	
2B	DTD #AA038	STRAIN		
2B	CALI #112632		2-ARM	

EQUIPMENT DATA

GAMMA		ACOUSTIC		DENSITY		NEUTRON	
RUN NO.	2B	RUN NO.	N/A	RUN NO.	2B	RUN NO.	2B
SERIAL NO.	114401	SERIAL NO.		SERIAL NO.	PAD145	SERIAL NO.	A009
MODEL NO.	NGRT	MODEL NO.		MODEL NO.	SDLT	MODEL NO.	DSNT
DIAMETER	3.625"	NO.OF CENT.		DIAMETER.	4.5"	DIAMETER	3.625"
DETECTOR MODEL NO.	N/A	SPACING		LOG TYPE	SDL	LOG TYPE	DSN
TYPE	SCINT			SOURCE TYPE	CS-137	SOURCE TYPE	AM241BE
LENGTH	N/A	LSA [Y/N]		SERIAL NO.	1400GW	SERIAL NO.	DSN103
DISTANCE TO SOURCE	N/A	FWDA [Y,N]		STRENGTH	1.5 CI	STRENGTH	18.5 CI

LOGGING DATA

GENERAL				GAMMA		ACOUSTIC			DENSITY			NEUTRON		
RUN	DEPTH		SPEED	SCALE		SCALE			SCALE			SCALE		
NO	FROM	TO	M/MIN	L	R	L	R	MATRIX	L	R	MATRIX	L	R	MATRIX
2B	TD	CSG	3	0	150				1.95	2.95	2.71	.45	-.15	LIME
				GAPI	GAPI				G/CC	G/CC		LSPU	LSPU	

REMARKS: AHV/BHV MARKS IN CUBIC METERS. CSNG DISPLAY PRESENTED ON SEPERATE LOG. GAMMA PRESENTED ON THIS LOG FROM NGRT. NO TEMPERATURE CORRECTION APPLIED TO THIS NEUTRON LOG. NEUTRON DATA IS CALIPER CORRECTED ONLY. NO BARITE USED IN THIS MUD.

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1:200 MAIN RUN

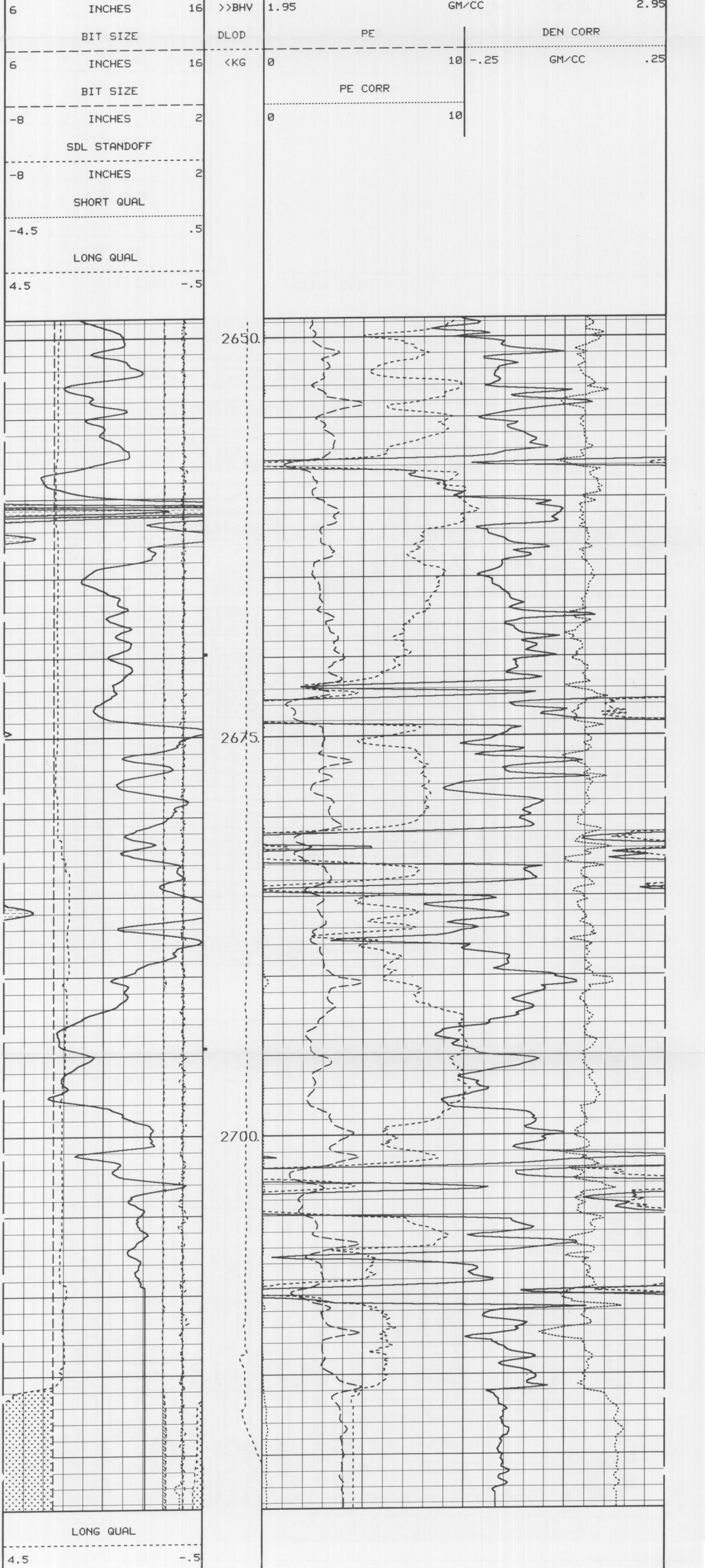
LONG QUAL
4.5 -.5
SHORT QUAL
-4.5 .5
SDL STANDOFF
-8 INCHES 2
BIT SIZE
-8 INCHES 2
BIT SIZE
6 INCHES 16
SDL CALIPER
6 INCHES 16
GAMMA RAY
0 GAPI 150

DLOD
<KG
BHV
>>BHV
AHV
<<AHV

PE CORR
0 10
PE
0 10
DEN CORR
-.25 GM/CC .25
BULK DENSITY
1.95 GM/CC 2.95
NEU POROSITY
45 PERCENT -15
NEUTRON MATRIX = LIME

UPLOG # 2 Depth: 2725.30 Service:none.002 Unit:10598
Replay Log Date: Time: Vers:2.24

1:200 REPEAT SECTION



UPLOG # 1 Depth: 2723.30 Service:none.002 Unit:10598
Replay Log Date: Time: Vers:2.24

```
******************************************************************************

                 GAMMA RAY TOOL SHOP CALIBRATION SUMMARY
PERFORMED:  22:22:30  11/ 3/92    LAST SHOP CALIBRATION:   17:37:39  08/ 8/92
SERIAL NUMBER: 114401             MODEL: NGRT-A
TRUCK UNIT NUMBER: 10598          PROGRAM VERSION: 2.24
PERFORMED BY: L. JONES

                         MEASURED      CALIBRATED        UNITS
                         --------      ----------        -----
BACKGROUND                   5              5            GAPI
BACKGROUND+CALIBRATOR      229            226            GAPI
CALIBRATOR                 223            221            GAPI


               GAMMA RAY TOOL BEFORE SURVEY FIELD CHECK SUMMARY
PERFORMED:  23:12:41  12/16/92    LAST SHOP CALIBRATION:   22:22:30  11/ 3/92

                           SHOP          FIELD           UNITS
                         --------      ----------        -----
BACKGROUND                   5              5            GAPI
BACKGROUND+CALIBRATOR      226            222            GAPI
CALIBRATOR                 221            217            GAPI


               GAMMA RAY TOOL AFTER SURVEY FIELD CHECK SUMMARY
PERFORMED:  07:39:57  12/19/92    LAST SHOP CALIBRATION:   22:22:30  11/ 3/92

                          BEFORE         AFTER           UNITS
                         --------      ----------        -----
BACKGROUND                   5              5            GAPI
BACKGROUND+CALIBRATOR      223            226            GAPI
CALIBRATOR                 217            221            GAPI


******************************************************************************

               DUAL SPACED NEUTRON II SHOP CALIBRATION SUMMARY
PERFORMED:  16:09:08  11/ 9/92    LAST SHOP CALIBRATION:   15:29:41  08/ 8/92
SERIAL NUMBER: A009               MODEL: DSNT-A
SOURCE NUM: DSN 103               CALIBR NUM: 4912 NE
TRUCK UNIT NUMBER: 10598          PROGRAM VERSION: 2.24
PERFORMED BY: L. JONES


PRIMARY CALIBRATOR

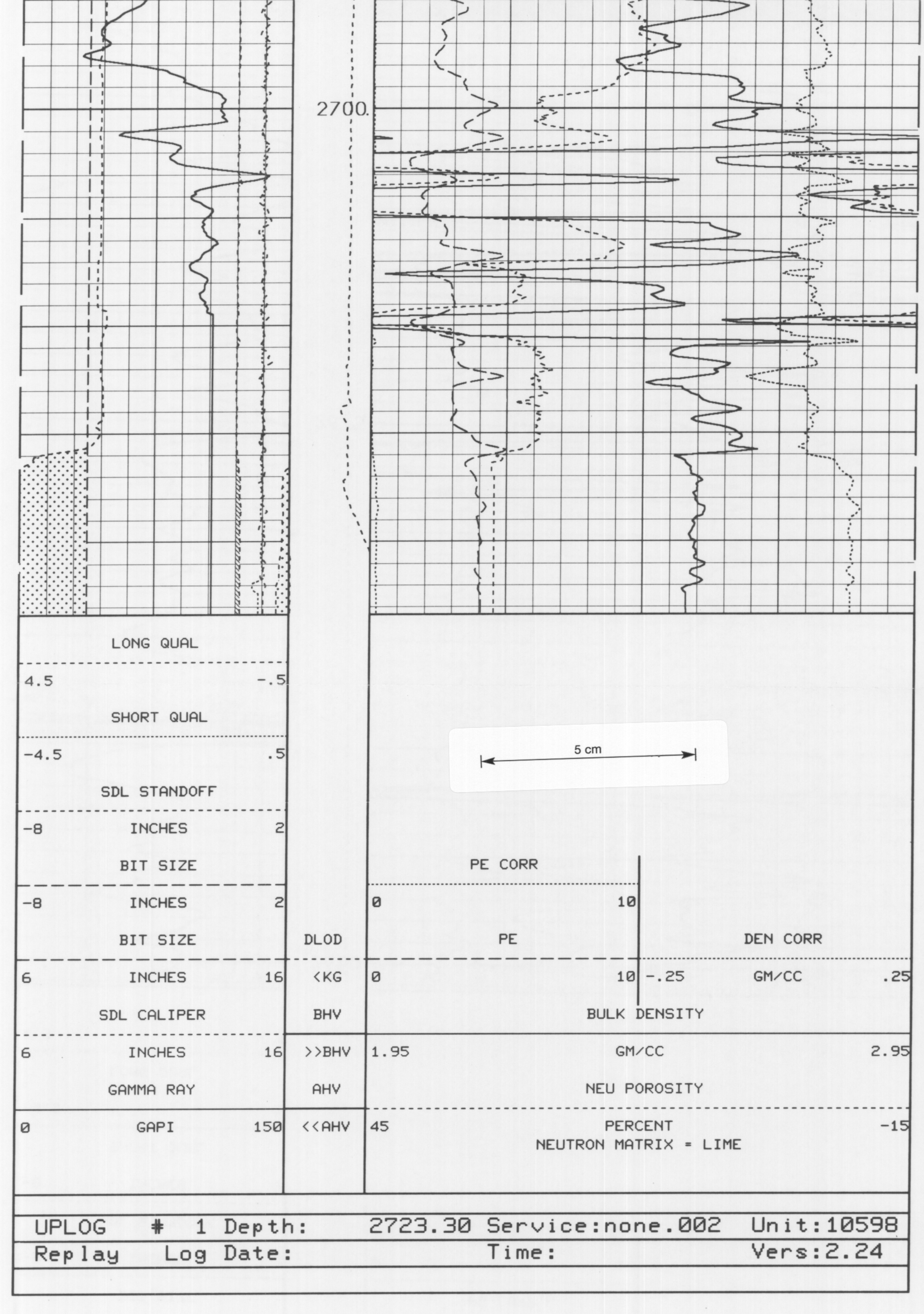
                         MEASURED      CALIBRATED        UNITS
                         --------      ----------        -----
RATIO:                     6.528          6.527
POROSITY:                 24.688         24.685            %

FIELD CHECK BLOCK

CHECK RATIO:               5.339          5.338
CHECK POROSITY:           19.130         19.127            %

MEAN(1,1) =             7.64
MEAN(1,2) =            61.84
MEAN(2,1) =             5.12
MEAN(2,2) =            60.12
MEAN(3,1) =          9684.59
MEAN(3,2) =          1685.59
MEAN(4,1) =         14859.56
MEAN(5,1) =          8859.80
MEAN(6,1) =          3259.62

           DUAL SPACED NEUTRON II BEFORE SURVEY FIELD CHECK SUMMARY
```



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UPLOG   #  1 Depth:     2723.30 Service:none.002  Unit:10598
Replay   Log Date:               Time:             Vers:2.24
```

```
**************************************************************************

              GAMMA RAY TOOL SHOP CALIBRATION SUMMARY
 PERFORMED:  22:22:30  11/ 3/92     LAST SHOP CALIBRATION:   17:37:39  08/ 8/92
 SERIAL NUMBER: 114401              MODEL: NGRT-A
 TRUCK UNIT NUMBER: 10598           PROGRAM VERSION: 2.24
 PERFORMED BY: L. JONES

                          MEASURED        CALIBRATED         UNITS
                          --------        ----------         -----
 BACKGROUND                      5                 5          GAPI
 BACKGROUND+CALIBRATOR         229               226          GAPI
 CALIBRATOR                    223               221          GAPI

          GAMMA RAY TOOL BEFORE SURVEY FIELD CHECK SUMMARY
 PERFORMED:  23:12:41  12/16/92     LAST SHOP CALIBRATION:   22:22:30  11/ 3/92

                            SHOP            FIELD            UNITS
                          --------        ----------         -----
 BACKGROUND                      5                 5          GAPI
 BACKGROUND+CALIBRATOR         226               222          GAPI
 CALIBRATOR                    221               217          GAPI

          GAMMA RAY TOOL AFTER SURVEY FIELD CHECK SUMMARY
 PERFORMED:  07:39:57  12/19/92     LAST SHOP CALIBRATION:   22:22:30  11/ 3/92

                           BEFORE           AFTER            UNITS
                          --------        ----------         -----
 BACKGROUND                      5                 5          GAPI
 BACKGROUND+CALIBRATOR         223               226          GAPI
 CALIBRATOR                    217               221          GAPI


**************************************************************************

          DUAL SPACED NEUTRON II SHOP CALIBRATION SUMMARY
 PERFORMED:  16:09:08  11/ 9/92     LAST SHOP CALIBRATION:   15:29:41  08/ 8/92
 SERIAL NUMBER: A009                MODEL: DSNT-A
 SOURCE NUM: DSN 103                CALIBR NUM: 4912 NE
 TRUCK UNIT NUMBER: 10598           PROGRAM VERSION: 2.24
 PERFORMED BY: L. JONES


 PRIMARY CALIBRATOR

                          MEASURED        CALIBRATED         UNITS
                          --------        ----------         -----
 RATIO:                     6.528            6.527
 POROSITY:                 24.688           24.685              %

 FIELD CHECK BLOCK

 CHECK RATIO:               5.339            5.338
 CHECK POROSITY:           19.130           19.127              %

 MEAN(1,1) =             7.64
 MEAN(1,2) =            61.84
 MEAN(2,1) =             5.12
 MEAN(2,2) =            60.12
 MEAN(3,1) =          9684.59
 MEAN(3,2) =          1685.59
 MEAN(4,1) =         14859.56
 MEAN(5,1) =          8859.80
 MEAN(6,1) =          3259.62

       DUAL SPACED NEUTRON II BEFORE SURVEY FIELD CHECK SUMMARY
 PERFORMED:  15:03:11  12/16/92     LAST SHOP CALIBRATION:   16:09:08  11/ 9/92

                            SHOP            FIELD            UNITS
                          --------        ----------         -----
 CHECK RATIO                5.338            5.310
 CHECK POROSITY            19.127           18.995              %

       DUAL SPACED NEUTRON II AFTER SURVEY FIELD CHECK SUMMARY
 PERFORMED:  08:49:51  12/19/92     LAST SHOP CALIBRATION:   16:09:08  11/ 9/92

                           BEFORE           AFTER            UNITS
                          --------        ----------         -----
 CHECK RATIO                5.310            5.376
 CHECK POROSITY            18.995           19.308              %


**************************************************************************

       SPECTRAL DENSITY (8 BIT) SHOP CALIBRATION SUMMARY
 PERFORMED:  18:00:35  11/10/92     LAST SHOP CALIBRATION:   17:01:54  11/10/92
 SERIAL NUMBER: PAD145              MODEL: SDLT-A
 SOURCE NUM: 1400GW                 CALIBR NUM: SDL
 TRUCK UNIT NUMBER: 10598           PROGRAM VERSION: 2.24
 PERFORMED BY: L. JONES


                                 PRIMARY CALIBRATOR
 MAGNESIUM BLOCK
 ---------------
                          MEASURED        CALIBRATED       UNITS
                          --------        ----------       -----
 DENSITY                     1.688             1.687        GM/CC
 CORRECTION                  0.023             0.021        GM/CC
 Pe SHORT                    3.253             3.219
 Pe LONG                     2.970             2.977

 ALUMINUM BLOCK
 ---------------
                          MEASURED        CALIBRATED       UNITS
                          --------        ----------       -----
 DENSITY                     2.608             2.597        GM/CC
 CORRECTION                  0.057             0.047        GM/CC
 Pe SHORT                    3.224             3.190
 Pe LONG                     3.205             3.200

 ALUMINUM BLOCK W/SLEEVE
 -----------------------
                          MEASURED        CALIBRATED       UNITS
                          --------        ----------       -----
 DENSITY                     2.601             2.590        GM/CC
 CORRECTION                 -0.059            -0.064        GM/CC
 Pe SHORT                    6.285             6.246
 Pe LONG                     6.076             5.927

                             CALIBRATION COEFFICIENTS
                        EXPECTED RANGE    CALIBRATED       UNITS
                        --------------    ----------       -----
 SHORT SPACE
 -----------
 DENSITY SLOPE          -6.40 -> -7.60        -7.000        GM/CC
 DENSITY INTERCEPT      27.00 -> 37.00        32.152        GM/CC
 PE SLOPE                1.20 ->  2.30         1.688
 PE INTERCEPT           -2.20 -> -4.00        -2.710

 LONG SPACE
 ----------
 DENSITY SLOPE          -1.29 -> -1.39        -1.321        GM/CC
 DENSITY INTERCEPT       7.00 ->  8.10         7.492        GM/CC
 PE SLOPE                1.30 ->  2.50         1.741
 PE INTERCEPT           -0.70 -> -2.10        -0.755

                                 FIELD CHECK BLOCK
 ALUMINUM SLIDE
 -------------
                          MEASURED        CALIBRATED       UNITS
                          --------        ----------       -----
 DENSITY                     1.656             1.656        GM/CC
 CORRECTION                 -0.040            -0.041        GM/CC
 Pe SHORT                    4.624             4.588
 Pe LONG                     4.090             4.041

 ALUMINUM SLIDE IN
 -----------------
                          MEASURED        CALIBRATED       UNITS
                          --------        ----------       -----
 DENSITY                     2.172             2.159        GM/CC
 CORRECTION                  0.030             0.025        GM/CC
 Pe SHORT                    4.830             4.793
 Pe LONG                     3.755             3.722

 BRASS SLIDE
 -----------
                          MEASURED        CALIBRATED       UNITS
                          --------        ----------       -----
 DENSITY                     2.380             2.368        GM/CC
 CORRECTION                 -0.329            -0.336        GM/CC
 Pe SHORT                    6.307             6.268
 Pe LONG                     3.394             3.380

       SPECTRAL DENSITY (8 BIT) BEFORE SURVEY FIELD CHECK SUMMARY
 PERFORMED:  15:37:48  12/16/92     LAST SHOP CALIBRATION:   18:00:35  11/10/92

 ALUMINUM SLIDE IN          SHOP            FIELD              UNITS
 -----------------        --------        ----------           -----
 ALUMINUM DENSITY           2.159           2.159              GM/CC
 ALUMINUM CORRECTION        0.025           0.025              GM/CC
 ALUMINUM PE SHORT          4.793           4.844
 ALUMINUM PE LONG           3.722           3.749

       SPECTRAL DENSITY (8 BIT) AFTER SURVEY FIELD CHECK SUMMARY
 PERFORMED:  09:21:22  12/19/92     LAST SHOP CALIBRATION:   18:00:35  11/10/92

 ALUMINUM SLIDE IN         BEFORE           AFTER              UNITS
 -----------------        --------        ----------           -----
 ALUMINUM DENSITY           2.159           2.160              GM/CC
 ALUMINUM CORRECTION        0.025           0.024              GM/CC
 ALUMINUM PE SHORT          4.844           4.738
 ALUMINUM PE LONG           3.749           3.831


**************************************************************************

                SDL CALIPER SHOP CALIBRATION SUMMARY
 PERFORMED:  18:17:48  11/10/92     LAST SHOP CALIBRATION:   18:16:14  11/10/92
 SERIAL NUMBER: 112632              MODEL: SDLT-A
 TRUCK UNIT NUMBER: 10598           PROGRAM VERSION: 2.24
 PERFORMED BY: L. JONES

                          MEASURED        CALIBRATED         UNITS
                          --------        ----------         -----
 VALUE 1                    7.965            8.000            INCH
 VALUE 2                   14.999           15.000            INCH

           SDL CALIPER BEFORE SURVEY FIELD CHECK SUMMARY
 PERFORMED:  17:03:35  12/16/92     LAST SHOP CALIBRATION:   18:17:48  11/10/92

                            SHOP     FIELD    UNITS
                          -------   -------   -----
 VALUE  1                   8.000    8.106   INCH

           SDL CALIPER AFTER SURVEY FIELD CHECK SUMMARY
 PERFORMED:  09:40:19  12/19/92     LAST SHOP CALIBRATION:   18:17:48  11/10/92

                           BEFORE    AFTER    UNITS
                          -------   -------   -----
 VALUE  1                   8.106    7.910   INCH

                    PLS-II CALIBRATION SUMMARY TABLE
                    --------------------------------

  SERVICE or SIGNAL         SHOP       BEFORE      AFTER     CHANGE   TOLERANCE
 ----------------------- ---------- ---------- ---------- --------- ---------
 GAMMA                      221        217        221         -4     +/- 9.0
 DSN POROSITY            19.127     18.995     19.308     -0.313    +/-0.9
 BULK DENSITY             2.159      2.159      2.160     -0.001    +/-.015
 DENSITY CORRECTION       0.025      0.025      0.024      0.001    +/-.015
 DENSITY PE SHORT         4.793      4.844      4.738      0.106    +/-.3
 DENSITY PE LONG          3.722      3.749      3.831     -0.081    +/-.3
 CALIPER VALUE 1          8.000      8.106      7.910      0.196    +/-0.5
```

PLS-II FILTER & DELAY SUMMARY

```
                    FILTER & DELAY SUMMARY

                  DATE: 20-DEC-1992 14:07:02

              FILTER LENGTH AND DELAY ARE IN METERS

                                                  FILTER              FILTER
  MNEM    TOOL         DESCRIPTION                LENGTH    DELAY      TYPE
 ------  ------  -------------------------------  -------- -------  --------
  TENS    DITSHD  CABLE TENSION                     0.000    0.000  BLOCK
  MAGMRK  DITSHD  DEPTH PANEL MAGNETIC MARK         0.000    0.000  NONE
  DLOD    CH_TEN  CABLE HEAD TENSION                0.000    0.000  BLOCK
  BHTEMP  CH_TEN  CH BORE HOLE TEMPERATURE          0.000    0.000  BLOCK
  PLOC    CH_TEN  CABLE HEAD PAD LOCATOR            0.000    0.000  BLOCK
  W2_V    DSTU    AUXILLARY POWER VOLTAGE           0.000    0.000  NONE
  W5_V    DSTU    INSTRUMENT POWER VOLTAGE          0.000    0.000  NONE
  DSTEMP  DSTU    DSTU TEMPERATURE (F)              1.220    0.000  BLOCK
  RGR     GAMMA   NATURAL GAMMA RAY                 0.492   14.025  BLOCK
  WIN1H   CSNG_T  CSNG WINDOW HIGH 1                0.381    9.933  BLOCK
  WIN2H   CSNG_T  CSNG WINDOW HIGH 2                0.381    9.933  BLOCK
  WIN3H   CSNG_T  CSNG WINDOW HIGH 3                0.381    9.933  BLOCK
  WIN4H   CSNG_T  CSNG WINDOW HIGH 4                0.381    9.933  BLOCK
  WIN5H   CSNG_T  CSNG WINDOW HIGH 5                0.381    9.933  BLOCK
  WIN6H   CSNG_T  CSNG WINDOW HIGH 6                0.381    9.933  BLOCK
  WIN7H   CSNG_T  CSNG WINDOW HIGH 7                0.381    9.933  BLOCK
  WIN8H   CSNG_T  CSNG WINDOW HIGH 8                0.381    9.933  BLOCK
  WIN9H   CSNG_T  CSNG WINDOW HIGH 9                0.381    9.933  BLOCK
  WIN10H  CSNG_T  CSNG WINDOW HIGH 10               0.381    9.933  BLOCK
  WIN11H  CSNG_T  CSNG WINDOW HIGH 11               0.381    9.933  BLOCK
  WIN12H  CSNG_T  CSNG WINDOW HIGH 12               0.381    9.933  BLOCK
  WIN13H  CSNG_T  CSNG WINDOW HIGH 13               0.381    9.933  BLOCK
  WIN1L1  CSNG_T  CSNG WINDOW LITHOLOGY 1           0.381    9.933  BLOCK
  WIN1L2  CSNG_T  CSNG WINDOW LITHOLOGY 2           0.381    9.933  BLOCK
  WIN1L3  CSNG_T  CSNG WINDOW LITHOLOGY 3           0.381    9.933  BLOCK
  WIN1CA  CSNG_T  CSNG WINDOW CASING 1              0.381    9.933  BLOCK
  WIN2CA  CSNG_T  CSNG WINDOW CASING 2              0.381    9.933  BLOCK
  RGRBLK  CSNG_T  RAW GAMMA - BLOCK FILTER          0.686    9.932  BLOCK
  RGRDYN  CSNG_T  RAW GAMMA - DYNAMIC FILTER        0.381    9.932  BLOCK
  SNOISE  CSNG_T  SPECTRAL NOISE                    0.381    9.932  BLOCK
  STAB    CSNG_T  CSNG STABILIZER                   0.381    9.932  BLOCK
  AMER    CSNG_T  AMERICIUM COUNTS                  0.381    9.932  BLOCK
  SPECHI  CSNG_T  CSNG HIGH ENERGY SPECTRUM SUM     0.000    9.932  NONE
  SPECLO  CSNG_T  CSNG LOW ENERGY SPECTRUM SUM      0.000    9.932  NONE
  LSPEED  CSNG_T  LINE SPEED                        0.000    0.000  NONE
  SW_POS  CSNG_T  SWITCH POSITION                   0.000    9.932  NONE
  FRMCNT  CSNG_T  CSNG SPECTRAL FRAME COUNTER       0.000    9.932  NONE
  C_TIME  CSNG_T  ACCUMULATION TIME                 0.000    9.932  NONE
  STAB_F  CSNG_T  CSNG STABILIZER (FIXED)           0.000    9.932  NONE
  AMER_F  CSNG_T  AMERICIUM COUNTS (FIXED)          0.000    9.932  NONE
  CCL     CSNG_T  CSNG CCL INPUT                    0.000    0.000  NONE
  NDSN    DSN_II  DSN II NEAR SPACED COUNTS         0.410    6.549  BLOCK
  FDSN    DSN_II  DSN II FAR SPACED COUNTS          0.082    6.701  BLOCK
  SDENS   SDL8    SDL SHORT SPACED DENSITY          0.530    1.114  BLOCK
  SBART   SDL8    SDL SHORT SPACE BARITE            0.530    1.114  BLOCK
  SLITH   SDL8    SDL SHORT SPACED LITHOLOGY        0.530    1.114  BLOCK
  CESHI   SDL8    SDL SHORT SPACED CESIUM HI        0.530    1.114  BLOCK
  CESLO   SDL8    SDL SHORT SPACE CESIUM LO         0.530    1.114  BLOCK
  LDENS   SDL8    SDL LONG SPACED DENSITY           0.380    1.215  BLOCK
  LBART   SDL8    SDL LONG SPACED BARITE            0.380    1.215  BLOCK
  PELBAR  SDL8    PE LONG SPACED BARITE             0.380    1.340  BLOCK
  PELDEN  SDL8    PE LONG SPACED DENSITY            0.380    1.340  BLOCK
  LLITH   SDL8    SDL LONG SPACED LITHOLOGY         0.380    1.215  BLOCK
  CELHI   SDL8    SDL LONG SPACED CESIUM HIGH       0.380    1.215  BLOCK
  CELLO   SDL8    SDL LONG SPACED CESIUM LOW        0.380    1.215  BLOCK
  SBARTU  SDL8    SDL SHORT SPACE BARITE            0.000    1.114  NONE
  SDENSU  SDL8    SDL SHORT SPACED DENSITY          0.000    1.114  NONE
  SLITHU  SDL8    SDL SHORT SPACED LITHOLOGY        0.000    1.114  NONE
  CALIP   CALI_1  SDL PAD CALIPER                   0.381    1.471  BLOCK
```

HLS

```
                  PLS-II TOOL STRING DIAGRAM

                   20-DEC-1992 14:06:27

     :
    /=\  <----  19.5806 = DITS CABLE HEAD LOAD CELL
   /   \
   :   :
   +===+ <----  18.0406 = TELEMETRY SUB
   :   :
   :   :
   :   :
   :   :
   :   :
   :   :
   +===+ <----  16.0594 = GAMMA SUB
   :   :
   :   :
   :   :
   :   :
   :   : <----  14.0248 = GAMMA RAY
   :   :
   +===+ <----  13.6194 = COMPENSATED SPECTRAL NATURAL GAMMA
   :   :
   :   :
   :   :
   :   :
   :   :
   :   :
   :   :
   :---:
   :   :
   :   : <----  9.93197 = GAMMA RAY
   :   :
   :   :
   :   :
   +===+ <----  9.06938 = DSN-II SUB
   :   :
   :   :
   :   :
   :   :
   :   :
   :   :
   :   : <----  6.54898 = DSN
   :   :
   +===+ <----  5.93938 = SPECTRAL DENSITY SUB
   :   :
   :   :
   :   :
   :   :
   :   :
   :   :
   :   :
   :   :
   :   :\
  /:   : \
 / :   : ::  5.93938
:  :   : :: <-  1.47102 = CALIPER
:  :   : :: <-  1.11440 = DENSITY
   :   : ++
   :   :
   +===+ <----  0.20000 = TOOL SPACER
   :   :
   :   :
   +---+
```

ENCLOSURE 9. VOL 2. OR-0898

HALLIBURTON
LOGGING SERVICES, INC.

FINAL PRINT

SPECTRAL DENSITY
DUAL SPACED NEUTRON
GAMMA LOG

COMPANY SAGASCO RESOURCES LTD.
WELL FLINDERS-1
FIELD EXPLORATION
PROVINCE BASS BASIN
STATE TS

API NO TASMANIA
LOCATION PERMIT: T/25P
SEISMIC: TNK4-79 (SP900)
LAT: 40 22 51.810 - S
LONG: 145 40 18.690 - E
EASTING: 387260.80 M
NORTHING: 5529085.50 M

OTHER SERVICES
HRI/MSFL/LSS
CSNG
SED-C/GR
VSP

SECT N/A TWP N/A RGE N/A

PERMANENT DATUM M.S.L. ELEV. 0.0
LOG MEASURED FROM RT 22.3 M.ABOVE PERM DATUM
DRILLING MEASURED FROM ROTARY TABLE OF

ELEV.:K.B. N/A
D.F. 22.3 M
G.L. -69.25

COMPANY SAGASCO RESOURCES L
WELL FLINDERS-1
FIELD EXPLORATION
PROVINCE BASS BASIN

DATE	17 DEC 1992		
RUN NO.	2B		
DEPTH-DRILLER	2723.0 M		
DEPTH-LOGGER	2717.7 M		
BTM. LOG INTER	2716.6 M		
TOP LOG INTER	CASING		
CASING DRILLER	9.625@1520	@	@
CASING-LOGGER	1525.2 M		
BIT SIZE	8.5		
TYPE FLUID IN HOLE	POLYMER		
DENS. : VISC.	1.12 :52	--	--
PH : FLUID LOSS	9.5 :6	--	--
SOURCE OF SAMPLE	FLOW LINE		
RM @ MEAS. TEMP.	1.30 @22.11	@	@
RMF @ MEAS. TEMP.	1.26 @22.61	@	@
RMC @ MEAS. TEMP.	1.75 @19.27	@	@
SOURCE RMF:RMC	MEAS :MEAS	--	--
RM @BHT	.392 @123.3	@	@
TIME SINCE CIRC.	19.5 HOURS		
TIME ON BOTTOM	1416		
MAX. REC TEMP.	123.3@TD	@	@
EQUIP.: LOCATION	10598:SLE	--	--
RECORDED BY	L. JONES		
WITNESSED BY	J. REEVE	C. ALBISTON	

FOLD HERE

SERVICE TICKET NO.: H-1454 API SERIAL NO.: PGM VERSION: 2.24

CHANGE IN MUD TYPE OR ADDITIONAL SAMPLES

DATE:SAMPLE NO.	/ / :	/ / :
DEPTH-DRILLER		
TYPE FLUID IN HOLE		
DENS. : VISC	:	:
PH : FLUID LOSS	:	:
SOURCE OF SAMPLE		
RM @ MEAS TEMP	@	@
RMF @ MEAS TEMP	@	@
RMC @ MEAS TEMP	@	@
SOURCE: RMF:RMC	:	:
RM @ BHT	.392 @123.3	@
RMF @ BHT	.384 @123.3	@
RMC @ BHT	.493 @123.3	@

RESISTIVITY SCALE CHANGES

TYPE LOG	DEPTH	SCALE UP HOLE	SCALE DOWN HOLE
		NONE	

RESISTIVITY EQUIPMENT DATA

RUN NO	TOOL TYPE & NO	PAD TYPE	TOOL POS.	OTHER
2B	DSTU #111533		CENT	
2B	DTD #AA038	STRAIN		
2B	CALI #112632		2-ARM	

EQUIPMENT DATA

GAMMA		ACOUSTIC		DENSITY		NEUTRON	
RUN NO.	2B	RUN NO.	N/A	RUN NO.	2B	RUN NO.	2B
SERIAL NO.	114401	SERIAL NO.		SERIAL NO.	PAD145	SERIAL NO.	A009
MODEL NO.	NGRT	MODEL NO.		MODEL NO.	SDLT	MODEL NO.	DSNT
DIAMETER	3.625"	NO.OF CENT.		DIAMETER.	4.5"	DIAMETER	3.625"
DETECTOR MODEL NO.	N/A	SPACING		LOG TYPE	SDL	LOG TYPE	DSN
TYPE	SCINT			SOURCE TYPE	CS-137	SOURCE TYPE	AM241BE
LENGTH	N/A	LSA [Y/N]		SERIAL NO.	1400GW	SERIAL NO.	DSN103
DISTANCE TO SOURCE	N/A	FWDA [Y,N]		STRENGTH	1.5 CI	STRENGTH	18.5 CI

LOGGING DATA

GENERAL				GAMMA		ACOUSTIC			DENSITY			NEUTRON		
RUN	DEPTH		SPEED	SCALE		SCALE			SCALE			SCALE		
NO	FROM	TO	M/MIN	L	R	L	R	MATRIX	L	R	MATRIX	L	R	MATRIX
2B	TD	CSG	3	0	150				1.95	2.95	2.71	.45	-.15	LIME
				GAPI	GAPI				G/CC	G/CC		LSPU	LSPU	

REMARKS: AHV/BHV MARKS IN CUBIC METERS. CSNG DISPLAY PRESENTED ON SEPERATE LOG. GAMMA PRESENTED ON THIS LOG FROM NGRT. NO TEMPERATURE CORRECTION APPLIED TO THIS NEUTRON LOG. NEUTRON DATA IS CALIPER CORRECTED ONLY. NO BARITE USED IN THIS MUD.

THANK YOU FOR USING HALLIBURTON LOGGING SERVICES.

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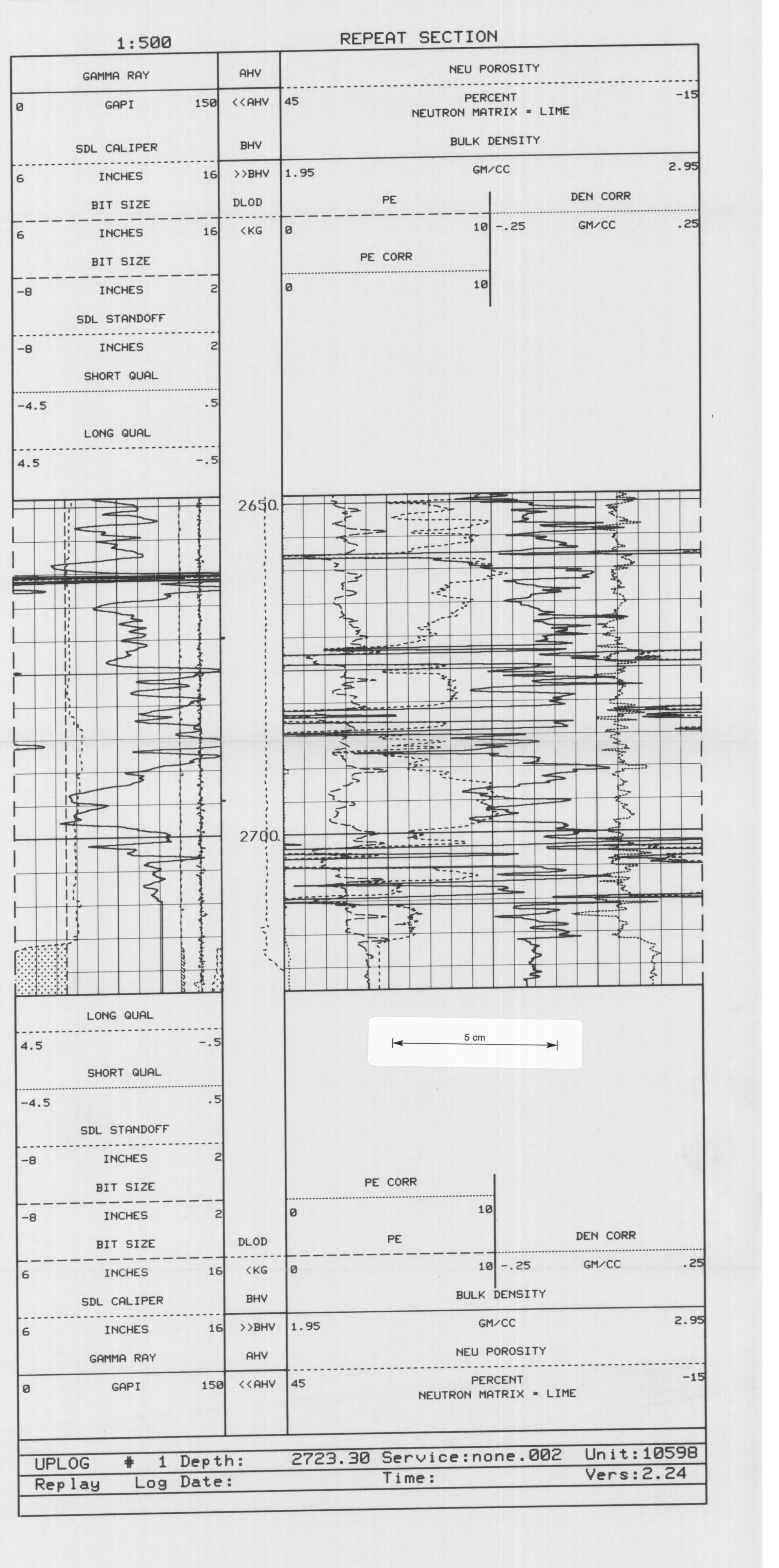
1:500 MAIN RUN

UPLOG # 2 Depth: 2725.30 Service:none.002 Unit:10598
Replay Log Date: Time: Vers:2.24

1:500 REPEAT SECTION



UPLOG # 1 Depth: 2723.30 Service:none.002 Unit:10598
Replay Log Date: Time: Vers:2.24