Welex

DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION

WELL COLUMBIA COUNTY NO. 5 REDRILL NO. 1

FIELD NEHALEM BASIN

COUNTY COLUMBIA **STATE** OREGON

WELEX

A Halliburton Company

CORRELATION INTERVAL		CORR. GRADE	DIP ANGLE	DIP AZ.	DEFT ANGLE	DEFT AZ.	AZ. NO.1	DIA IN	DISPLACEMENTS NO.1	NO.2	NO.3
499.1	496.0	C	23.5	347.	3.3	312.	175.	[illegible]	0.0	-2.90	-1.40
501.3	502.0	C	29.5	71.	3.2	100.	196.	8.7	0.0	-0.60	-2.70
516.0	516.7	C	10.[illegible]	277.	2.6	272.	69.	8.5	0.0	-1.70	-2.60
523.3	523.7	C	7.2	232.	3.0	233.	67.	8.5	0.0	-0.90	-0.80
524.5	524.7	C	9.0	334.	3.0	247.	1.	8.5	0.0	1.00	0.30
534.0	537.0	C	23.3	130.	3.3	211.	320.	8.5	0.0	-2.40	-2.00
540.0	542.0	C	6.[illegible]	114.	3.4	199.	311.	[illegible]	0.0	-0.50	-0.70
542.0	542.7	C	5.[illegible]	80.	3.5	17[illegible].	307.	[illegible]	0.0	-0.30	[illegible]
544.0	546.0	C	6.9	207.	3.5	197.	107.	[illegible]	0.0	0.30	[illegible]
544.0	545.0	B	2.0	150.	3.0	203.	303.	[illegible]	0.0	[illegible]	[illegible]
546.0	550.0	C	10.1	60.	3.7	210.	200.	[illegible]	0.0	-0.70	[illegible]
552.0	554.0	A	12.5	326.	3.0	197.	193.	[illegible]	[illegible]	[illegible]	[illegible]
554.0	557.0	C	20.9	335.	[illegible]	193.	[illegible]	[illegible]	[illegible]	-1.00	[illegible]
558.0	560.0	C	23.5	54.	[illegible]	191.	[illegible]	[illegible]	0.0	-0.40	[illegible]
561.0	562.4	C	27.5	352.	4.1	111.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
574.2	575.3	B	[illegible]	[illegible]	[illegible]	152.	74.	[illegible]	0.1	-0.20	[illegible]
575.3	576.0	B	7.	[illegible]	[illegible]	185.	[illegible]	[illegible]	[illegible]	-0.50	[illegible]
576.0	[illegible]	A	3.5	140.	[illegible]	[illegible]	347.	[illegible]	0.0	-0.30	[illegible]
[illegible]	[illegible]	[illegible]	7.5	112.	3.1	104.	320.	[illegible]	0.0	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	13.[illegible]	[illegible]	[illegible]	105.	277.	[illegible]	0.0	[illegible]	[illegible]

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  588.0     590.0 C     10.2    52.     7.4   155. 207.    [illegible]   0.0 -0.40  -1.30
  592.0     594.0 C      4.0   166.     3.9   157.  99.    0.0   0.0 -0.40   1.10
  594.0     596.0 C     15.7   203.     3.8   170. 343.    [illegible]   0.0 -1.00  -2.20
  596.0     600.0 C     12.9   205.     3.9   177. 329.    [illegible]   0.0 -2.40  -1.00
  601.0     602.0 C     20.7   342.     [illegible]   170. 354.    3.0   0.0  1.00   2.40
  602.3     604.0 C      [illegible]    23.     5.1   173. 292.    [illegible]   0.0 -0.30  - .20
  604.0     606.0 C      3.0   210.     [illegible]   175. 253.    [illegible]   0.0  0.40  - .50
  606.0     612.0 C      2.    234.     [illegible]   170. 271.    [illegible]   0.0  0.20  -0.40
  610.0     612.0 C       .7   230.     [illegible]   170. 200.    [illegible]   0.0  0.40  - .30
  612.0     614.0 C     10.0   100.     3.7   155. 230.    [illegible]   0.0  2.30   [illegible]
  614.0     616.0 C      6.3   259.     3.9   177. 146.    [illegible]   0.0 -0.30   [illegible]
  616.0     620.0 C     17.4    15.     7.1   173. 143.    [illegible]   0.0  3.10  - [illegible]
  621.0     621.0 C     30.0    64.     7.2   174. 130.    [illegible]   0.0  2.70  - [illegible]
  623.5     625.3 C     37.0   255.     7.4   174. 104.    [illegible]   0.0 -4.70  -1.[illegible]
  624.0     626.0 C     10.0   312.     7.5   171.  [illegible]    [illegible]   0.0 -0.40  -1.20
  626.0     630.0 A     13.0   311.     7.7   170.  [illegible]    [illegible]   0.0 -0.20  -1.40
  630.0     632.0 C     12.3    59.     7.8   157. 212.    [illegible]   0.0  [illegible]  - .70
  632.0     634.0 C      9.    311.     7.9   171. 310.    [illegible]   0.0  [illegible]    .1
  634.0     636.0 C      9.2   317.     [illegible]   172. 200.     .7   0.0  0.30   [illegible]
  636.0     638.0 A      7.2   327.     [illegible]   174. 223.     .7   0.0  0.40   [illegible]
  638.0     640.0 C     12.    321.     [illegible]   174. 103.    [illegible]   0.0 -0.20   [illegible]
  640.0     641.0 C     12.3   310.     [illegible]   157. 127.     .    0.0 -0.70  - .40
  641.0     642.0 A     10.9   320.      .3   152. 117.    [illegible]   0.0 -0.40  - .3
  642.0     644.0 A     10.9   324.      .1   150. 113.    [illegible]   0.0 -0.40  - [illegible]
  644.0     644.7 A      9.3   327.      .1   [illegible]  110.    [illegible]   0.0 -0.30  - [illegible]
  644.7     646.0 C     10.    312.      .1   150. 104.    [illegible]   0.0 -0.30  -0.40
  646.0     648.0 A     12.4   310.      .1   150. 10[illegible]    [illegible]   0.0 -0.70  - [illegible]
  648.0     650.0 A      [illegible]   305.      .1   154. 1[illegible]    [illegible]   0.0 -0.[illegible]  - [illegible]
  650.0     652.0 A     13.1   253.      .1   153. 102.    [illegible]   0.0 -1.40   [illegible]
  652.0     654.0 C     20.7   253.      .1   152.  9[illegible]    [illegible]   0.0 -2.30  - [illegible]
  654.0     654.2 A     20.0   263.      .1   152.  [illegible]    [illegible]   0.0 -2.20  -1.00
  654.2     656.0 A     10.2   273.      .1   [illegible]  [illegible]    [illegible]   0.0 -1.50  - [illegible]
  656.0     658.0 A     15.1   [illegible]     .2   151.  93.    [illegible]   0.0 -1.70  -1.20
  658.0     660.0 A     15.1   200.      .2   151.  [illegible]     .    0.0 -1.70  -1.20
  660.0     662.0 A     11.7   314.      .2   15[illegible]  [illegible]     .    0.0 -0.50  - .50

 CORRELATION  CORR. DIP      DIP   DRFT   DRFT AZ.    DIZ   DISPLACEMENTS
 INTERVAL       GRADE ANGLE   AZ.  ANGLE  AZ.   NO.1   I.   NO.1 NO.2 NO.3


  662.0     664.0 A     10.7   300.     8.2   159.  90.    [illegible]   0.0 -0.50  -0.40
  664.0     666.0 A      9.3   320.     8.3   159.  99.    [illegible]   0.0 -0.35  -0.20
  666.0     668.0 A      7.4    10.     8.3   157.  90.    [illegible]   0.0  0.50   0.50
  668.0     670.0 A      9.1   285.     8.4   156.  93.    8.7   0.0 -0.00  -0.20
  670.0     672.0 A      9.0   290.     8.5   154.  80.    8.7   0.0 -0.70  -0.30
  672.0     674.0 A     14.0   279.     8.6   157.  67.    8.7   0.0 -1.10  -1.00
  674.0     676.0 C      9.5   245.     8.0   153. 350.    8.8   0.0 -0.00  -1.50
  676.0     678.0 A     12.4   247.     8.7   154. 341.    8.8   0.0 -0.20  -1.40
  678.0     680.0 C     12.5   273.     8.8   150. 301.    8.7   0.0  0.00  - .20
  680.0     682.0 A     12.3   250.     8.9   150. 249.    8.7   0.0  1.40    .70
  682.0     684.0 A     10.0   255.     8.9   154. 231.    8.7   0.0  1.30   1.40
  684.0     686.0 A      9.5   265.     9.0   153. 229.    8.7   0.0  1.00    .70
  686.0     688.0 A      0.7   302.     9.1   153. 210.    8.8   0.0  1.50    .40
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 688.0    690.0 A   10.2    18.    9.2   150. 160.   9.6   0.0  -0.37  -0.30
 690.0    692.0 A    7.1   317.    9.2   155. 115.   9.6   0.0  -0.10   0.00
 692.0    694.0 B   10.1   300.    9.2   152. 166.   9.5   0.0  -0.00  -0.70
 694.0    696.0 A    5.7   270.    9.2   147. 359.   9.5   0.0  -0.50  -0.70
 696.0    698.0 A    0.0   210.    9.2   151. 322.   9.5   0.0  -0.70  -0.20
 698.0    700.0 A    0.3   205.    9.2   150. 297.   5.5   0.1   0.00  -0.00
 700.0    702.0 B    7.3   327.    9.3   154. 207.   9.5   0.0   0.00   0.10
 702.0    704.0 B    0.3   340.    9.3   149. 166.   9.6   0.0   0.30   0.20
 704.0    706.0 A    0.2   297.    9.3   147. 102.   9.7   0.0  -0.20   0.30
 706.0    708.0 B    3.0   266.    9.4   146.  94.   9.6   0.0  -0.20   0.70
 708.0    710.0 C   13.1   270.    9.4   145. 355.   9.8   0.0  -1.10  -0.40
 710.0    712.0 B   12.4   301.    9.5   144. 211.   9.6   0.0  -1.50  -0.40
 712.0    714.0 A    9.7   255.    9.6   144. 271.    .7   0.0  -0.60  -0.10
 714.0    716.0 B   11.4   296.    9.6   147. 335.    .7   0.0  -0.30  -0.40
 716.0    718.0 B   17.0   334.    9.7   147. 177.   9.6   0.0  -0.20  -0.70
 718.0    720.0 A    5.0   335.    9.8   149. 235.   9.7   0.0  -0.30  -0.70
 720.0    722.0 A    3.3    31.    9.9   155. 230.    .7   0.0   0.50  -0.70
 722.0    724.0 B   14.2   305.   10.0   152. 206.   9.7   0.0   0.0    0.00
 724.0    726.0 B    0.1   265.   10.2   148. 194.   9.8   0.0  -0.50   0.50
 726.0    728.0 B   21.0   300.   10.3   150.  79.   9.7   0.0  -0.90  -1.40
 728.0    730.0 A   17.1   333.   10.4   149.  51.   9.7   0.0  -0.40  -0.50
 730.0    732.0 B   10.5   273.   10.4   144. 355.   9.7   0.0  -0.40  -0.70
 732.0    734.0 B    9.7   272.   10.5   144. 151.    .7   0.0  -0.40  -0.30
 734.0    736.0 -    5.4   271.   10.5   145. 344.    .7   0.0  -0.70  -1.00
 736.0    738.0 B    1.2   274.   10.7   142. 343.    .7   0.0  -1.00  -0.70
 738.0    740.0      7.0   221.   10.9   145. 349.    .7   0.0  -1.20  -1.40
 740.0    742.0      0.7   310.   10.9   146. 347.    .    0.0  -0.40  -0.40
 742.0    744.0 B    4.0   350.   11.0   145. 340.    .    0.0  -0.00  -0.50
 744.0    746.0 A    2.5    27.   11.1   147. 347.    .    0.0  -1.00  -0.40
 746.0    748.0 A    2.7   170.   11.1   147. 340.    .    0.0  -1.30  -1.00
 748.0    750.0 A    2.0   235.   11.2   14 . 340.    .7   0.0  -1.10  -0.90
 750.0    752.0 B    1.2   144.   11.3   14 . 340.    .7   0.0  -1.20  -0.70
 752.0    754.0 A    7.7    11.   11.3   14 . 343.    .7   0.0  -1.30  -0.30
 754.0    756.0 A    2.5    13.   11.4   14 . 341.    .7   0.0  -1.00  -0.70
 756.0    757.7 B    7.    330.   11.4   14 . 341.    .    0.0  -0.40  -0.70
 757.7    758.0 B    7.1   310.   11.4   14 . 342.    .    0.0  -0.41  -0.50
 758.0    760.0 A   10.0   227.   11.5   14 . 341.    .    0.0  -0.30  -1.10
 760.0    762.0 B    5.    241.   11.5   14 . 335.    .    0.0  -0.40  -1.30
 762.0    764.0 B    7.4   255.   11.5   14 . 337.   9.7   0.0  -0.60  -1.20
 764.0    765.0 B    5.2   240.   11.5   14 . 335.    .    0.0  -0.70  -1.30
 765.0    765.2 B    7.2   233.   11.6   147. 336.    .7   0.0  -0.70  -1.30
 765.2    766.0 A    9.1   230.   11.6   14 . 337.    .    0.0  -0.50  -1.40
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 CORRELATION   CORR. DIP     DIP   DRFT   DRFT AZ.    DIA   DISPLACEMENTS
 INTERVAL      DRAWN ANGLE   AZ.   ANGLE  AZ.  NO.1   IN    NO.1 NO.2 NO.3


 766.0    769.0 A    9.7   253.   11.7   147. 340.   9.7   0.0  -0.50  -1.40
 769.0    770.0 A    8.6   249.   11.7   149. 339.   9.7   0.0  -0.70  -1.40
 770.0    772.0 A    6.3   249.   11.7   151. 335.   9.7   0.0  -0.60  -1.30
 772.0    774.0      7.4   250.   11.9   150. 335.    .    0.0  -0.50  -1.20
 774.0    776.0 A     .5   275.   11.9   150. 335.    .    0.0  -0.40  -1.00
 776.0    778.0      1.7   203.   11.9   152. 339.    .    0.0  -0.30  -1.00
 778.0    780.0 B    1.7   233.   11.4   150. 337.    .    0.0  -0.50  -1.40
 780.0    782.0     17.1   233.   11.3   150. 335.    .    0.0   0.20  -1.40
 782.0    784.0      5.7   197.   11.2   151. 337.    .    0.0  -0.30  -1.20
 784.0    786.0 B    7.0   205.   11.2   151. 335.    .    0.0  -0.50  -1.10
 786.0    788.0 A    2.4   270.   11.1   151. 337.    .    0.0  -0.10  -0.70
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788.0    790.0 B     8.5   240.   11.1   132.  335.   .7    0.0  -0.90  -1.40
790.0    792.0 B     9.1   214.   11.1   132.  335.   7.0   0.0  -0.00  -1.00
792.0    794.0 B     4.1   217.   11.4   132.  337.   7.1   0.0  -0.70  -1.00
794.0    796.0 B     3.7   232.   11.2   133.  337.   7.1   0.0  -0.70  -0.90
796.0    796.5 B    21.7    30.   11.3   133.  336.   7.1   0.0  -1.10   1.70
798.0    798.5 C    13.7   231.   11.3   133.  335.   7.1   0.0   0.20  -  .70
800.0    800.0 B    16.7   212.   11.3   133.  334.   .0    0.0   0.0   -1.10
802.0    802.0 B     9.6   204.   11.4   133.  339.   .7    0.0  -0.40  -1.20
804.0    806.0 B     4.3   202.   11.4   133.  340.   .7    0.0  -1.30  -1.30
806.0    808.0 C     5.0   207.   11.5   133.  336.   .7    0.0  -0.20  -0.00
808.0    810.0 B     9.5   214.   11.5   132.  337.   .7    0.0  -0.20  -1.00
810.0    812.0 B     9.1   202.   11.5   132.  337.   .7    0.0  -0.40  -1.20
814.0    816.0 B     4.4    17.   11.5   133.  317.   .7    0.0  -1.20  -1.10
816.0    818.0 C     .4    317.   11.7   133.  [illegible] .7 0.0   0.90  -0.90
817.0    [illegible]  .4   333.   11.7   137.  [illegible] .7 0.0   0.50  -0.10
820.0    822.0 B     .1     3.    11.7   137.  131.   .7    0.0   1.00   .0
822.0    824.0 A     .4    350.   11.7   135.  129.   .0    0.0   0.40   .70
824.0    826.0 C    15.5   350.   11.7   135.  175.   .7    0.0  -0.50  -0.30
826.0    828.0 A    14.4   238.   11.7   133.  355.   .7    0.0  -0.00  -1.20
828.0    829.0 C     9.9   237.   11.7   132.  345.   .7    0.0  -0.70  -1.3
830.0    832.0 B     6.2   203.   11.8   132.  357.   .7    0.0  -0.50  -1.90
832.0    834.0 A     5.0   240.   11.8   137.  [illegible] .7 0.0   0.10  -1.10
834.0    835.0 A     4.0   333.   11.8   139.  245.   .7    0.0   0.40  -  .30
836.0    837.0 B     7.7   344.   11.8   135.  214.   .7    0.0   0.07  -0.10
837.0    838.0 A    11.9   323.   11.8   139.  173.   .7    0.0   0.10   .00
838.0    840.0 B    10.0   310.   11.8   137.  1[illegible] .7 0.0 -0.00  -0.10
840.5    841.5 B    10.5   303.   11.8   136.  111.   .7    0.0  -0.50   0.10
841.5    843.5 A    11.3   305.   11.8   137.  120.   .7    0.0  -0.50  -  .10
842.5    844.0 [illegible] 14.9 211. 11.8  138.   79.   .7    0.0  -1.70  -0.00
844.0    845.0 B    12.5   211.   11.7   134.   55.   .7    0.0  -1.30  -  .20
845.0    846.0 A    14.3   211.   11.3   134.   44.   .7    0.0  -1.30  -1.00
846.0    [illegible]  1[illegible] 352. 11.3 132. 37.  .7    0.0  -0.10   0.0
851.0    852.0 B    13.7   117.   12.1   133.   31.   .7    0.0  -2.00  -1.00
850.0    850.0 A    13.3   2[illegible] 12.2 133. 31.  .7    0.0  -2.70  -1.00
856.0    856.0 B    17.2   2[illegible] 12.2 132.  2[illegible] .7 0.0 -1.40 -1.70
858.0    860.0 B    12.5   245.   12.4   134.    3.   .7    0.0  -1.30  -1.00
860.0    860.0 A    19.5   212.   12.4   134.    1.   .7    0.0  -0.20  -1.70
870.0    870.5 B    17.7   201.   12.7   133.  350.   .7    0.0  -0.30  -1.00
867.2    867.9 C    39.0    37.   13.0   137.  237.   .7    0.0  -3.30  -2.70
891.2    892.0 B    44.1   342.   13.1   132.  175.   .7    0.0  -3.40  -2.70
901.5    901.5 C    21.0    13.   13.5   132.    [illegible] .7 0.1 1.00  .00
904.0    [illegible] C  5.2  17.   13.7   131.   56.   .7    0.0  -0.30   .00
914.5    915.0 C    16.0   342.   13.0   132.  300.   .7    0.0  -0.40  -  .40
917.5    917.5 C    15.1   333.   13.9   133.  210.   .7    0.0   0.0    .10


CORRELATION  CORR. DIP    DIP  DRFT  DRFT AZ.   DIA  DISPLACEMENTS
INTERVAL     GRADE ANGLE  AZ.  ANGLE AZ.  DEV.I  IN  NO.1 NO.2 NO.3


930.5    940.5 C     7.0   299.   14.7   151.   59.   .7    0.0  -0.70   0.20
941.5    942.5 C    33.7   251.   14.7   148.   34.   .7    0.0  -2.70  -0.70
952.5    954.5 C    14.3   349.   15.1   145.  290.   .7    0.0  -0.60  -0.20
954.5    955.5 C     9.3   200.   15.1   147.  267.   .7    0.0   0.00  -0.40
960.5    970.0 B     .0      3.   15.0   145.   55.   .7    0.0  -0.20   0.0
972.5    974.5 C    24.7   315.   15.7   142.  316.   .7    0.0   0.90   0.70
974.5    975.7 C    13.1   295.   15.7   144.  253.   .7    0.0   0.70   0.10
977.0    977.5 C    24.7    50.   15.8   147.  214.   .7    0.0  -0.50  -0.00
984.5    980.5 C    35.5   295.   16.0   143.   70.   .7    0.0  -1.00  -0.40
980.5    987.5 C     6.5   321.   15.1   144.   49.   .7    0.0  -0.00   0.0
988.5    990.0 C    35.6   270.   15.1   144.   2[illegible] .7 0.0 -1.00 -0.10
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  992.1    993.5 0    51.9   270.   16.3   143.  357.     .      .0    3.30  -1.3
  996.5    997.5 0     6.7    49.   16.4   143.  357.    7.1     .0   -1.70  - .1
 1001.7   1002.5 0    30.1    20.   16.5   143.  353.    7.2     .1   -0.20   2.00
 1011.0   1011.9 0     2.5   301.   17.0   143.  345.    7.      0.0   1.40  - .20
 1030.7   1040.2 0     2.0   150.   17.5   144.  300.     .7     0.0  -       -3.30
 1040.2   1042.        2.3   154.   17.5   146.  217.     .7     0.0   0.21  - .0
 1041.1   1045.2 0    44.     45.   17.5   146.  224.     .7      .0  -3.40  - .0
 1046.2   1049.2      36.5   146.   17.6   147.  139.     .5     0.0   1.      .7
 1049.2   1050.2       2.4   125.   17.6   147.  115.     .2      .5   1.2     .2
 1052.5   1055.2 0     1.    108.   17.7   140.   47.     .7      .0  -3.50    .2
 1060.7   1062.0      43.7    51.   17.7   151.  220.     .0     0.0  -3.2   -3.
 1062.0   1063.5 0    30.     55.   17.8   151.  152.     .       .0   1.3   -3.4
 1064.0   1066.0      17.7    50.   17.    150.   1 .     .6     0.0   2.7    1.7
 1066.0   1067.2 0    27.     69.   17.    147.    0.     .7      .0    .5     .2
 1070.3   1070.0 0     3.     37.   17.8   148.   73.     .       .0  -  0   - .4
 1072.3   1074.        1.      2.   17.    14 .   34.     .2      .0  -2.    -3.5
 1077.0   1077.2       7.     20.   17.9   150.  367.     .2     0.0  -2.50  -1.60
 1080.0   1082.0 0    24.1   277.   17.9   136.  315.     .      0.0   1.30  - .7
 1083.5   1084.5 0    13.     64.   17.9   139.  227.     .      0.0    .    -1.
 1084.5   1085.0      15.4    14.   17.9   153.  219.     .       .0  - .10  -1.1
 1086.0   1086.5 0    24.4    15.   17.9   156.  165.     .      0.0    .    -1.
 1088.0   1088.3 0    11.1   340.   17.9   151.  152.     .      0.0   0.70    .2
 1091.3   1092.5 0     7.     37.   17.8   148.   96.     .      0.0    .0    1.7
 1092.5   1094.0 0     1.5     3.   10.0   147.   65.     .      0.0    .     1.0
 1094.0   1096.5 0     9.7   277.   1 .0   140.   49.     .5     0.0  -1.1     .2
 1096.5   1099.0      11.1    25.   1 .8   140.   77.     .       .   -1.70    .0
 10  .0   1100.         .1    32.   1  .   1  .   34.     .      0.0  -1.7   - .
 1100.0   1102.0       4.     25.   1  .   14 .  337.     .       .0  -1.    -1.1
 1102.0   1104.0        .    131.   1  .   1  .    3.     .       .   -2.1   -1.7
 1104.0   1105.         .      .    1 .1   14 .  327.     .       .0  -2.0   -1.
 1106.0   1108.0       7.      7.   1 .1   14 .    3.     .       .   -2.1   -1.3
 1108.0   1110.1 0     7.3    71.   1 .1   14 .   32.     .       .0  -2.1   -1.
 1110.1   1112.5        .5    70.   1 .1   14 .   32.     .       .0  -2.2   -1.3
 1112.5   1114.0       5.7    50.   1 .1   14 .   32.     .       .   -1.    -1.
 1114.0   1115.0       0.9   113.   1 .1   14 .    3.     .      0.0  -2.3   - .
 1115.0   1116.3      10.9     7.   1 .1   14 .    3.     .       .   -3.1   - .
 1116.3   1120.3      17.       .   1 .2   14 .   32.     .      0.0  -2.7   -1.1
 1120.3   1122.3        .      7.   1 .2   14 .   32.     .       .   - .    - .
 1122.3   1122.       21.     17.   1 .2   14 .    3.     .       .   -2.    - .5
 1123.3   1124.1       1.      1.   1 .2   14 .    3.     .       .   -2.5   - .
 1123.2   112 .       13.    210.   1 .2   1  .    3.     .       .0  -1.2   - .
 1125.3   1127.         .7   131.   1 .2   1  .    3.     .       .   -2.    -2.0
 1126.5   1128.0      12.5    31.   1 .8   14 .    3.     .       .0  -1.7   -1.
 1129.0   1130.0 4    11.3     7.   1 .2   140.   32.     .       .0  -1.20  - .5


 CORRELATION   CORR. DIP    DIP   DRFT   DRFT AZ.    ITC   DISPLACEMENTS
 INTERVAL      ANGLE ANGLE  AZ.   ANGLE  AZ.  NO.    IO    NO.1 NO.2 NO.3
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1130.0	1136.5	0	19.7	323.	1.2	140.	324.	[illegible]	0.0	-0.80	-0.70
1132.5	1134.0	0	5.7	337.	1.3	147.	325.	0.0	0.0	-1.10	-1.10
1134.0	1136.0	0	5.7	222.	1.3	149.	326.	3.0	0.0	-1.00	-1.30
1150.0	1152.1	0	39.0	244.	1.4	149.	326.	3.0	0.0	1.40	-3.60
1152.5	1154.3	0	40.5	200.	1.5	149.	327.	0.0	0.0	2.70	-2.10
1175.3	1177.1	0	72.7	244.	1.5	133.	175.	0.0	0.0	-7.70	1.00
1177.3	1179.3	[illegible]	14.	73.	1.5	137.	23.	[illegible]	0.0	-1.10	2.0
1187.4	1189.2	0	25.0	1.	1.5	147.	300.	[illegible]	0.0	0.20	1.20
1190.2	1192.0	0	21.3	22.	1.4	140.	342.	[illegible]	0.0	-0.70	1.00
1192.0	1194.0	0	21.4	37.	1.4	140.	320.	[illegible]	0.0	-0.50	[illegible]
1194.1	1196.0		23.0	42.	1.4	150.	270.	[illegible]	0.0	-2.30	-2.1
1196.0	1198.0	0	24.3	41.	1.4	152.	213.	[illegible]	0.0	0.0	-2.2
1198.0	1200.0	0	22.3	14.	1.4	151.	142.	[illegible]	0.0	1.10	-0.40
1200.0	1202.0	0	27.3	17.	1.4	150.	44.	[illegible]	0.0	2.10	1.10
1202.0	1204.0	0	14.2	37.	1.4	150.	[illegible]	[illegible]	0.0	0.40	1.1
1204.0	1205.3		23.1	46.	1.4	147.	344.	[illegible]	0.0	-1.70	1.00
1206.0	1207.3	0	23.0	12.	1.4	147.	327.	[illegible]	0.0	-0.40	1.30
1210.3	1211.3		27.0	35.	1.4	149.	332.	[illegible]	0.0	-1.20	[illegible]
1212.3	1214.0		31.0	31.	1.4	150.	310.	0.3	[illegible]	-2.20	[illegible]
1216.3	1220.3	0	25.7	19.	1.5	153.	172.	0.3	0.0	1.40	-1.60
1222.3	1222.3	0	27.5	26.	1.6	152.	122.	0.5	0.0	2.10	[illegible]
1222.5	1224.3	0	31.	25.	1.6	152.	111.	0.0	0.0	2.40	0.6
1224.3	1226.3	0	20.7	12.	1.6	172.	107.	[illegible]	0.0	1.00	2.0
1226.5	1228.5		21.	13.	1.7	172.	107.	[illegible]	0.0	1.30	1.00
1230.0	1232.0		21.3	233.	1.7	153.	103.	[illegible]	0.0	[illegible]	-2.4
1236.5	1240.5	0	22.4	19.	1.6	156.	[illegible]	[illegible]	[illegible]	0.0	1.10
1240.3	1242.1	0	19.3	332.	1.2	170.	300.	[illegible]	0.0	-0.30	-0.10
1244.3	1244.0		20.2	23.	1.7	147.	330.	[illegible]	0.0	-0.50	1.00
1247.0	1249.0		21.3	13.	1.0	147.	347.	[illegible]	0.0	-0.70	1.00
1250.3	1252.3	0	12.3	244.	1.1	149.	339.	[illegible]	0.0	-0.30	-1.1
1253.5	1255.3	0	33.0	37.	1.2	150.	207.	[illegible]	0.0	-3.0	-1.0
1273.0	1273.5	0	30.1	40.	1.2	153.	112.	[illegible]	[illegible]	3.0	1.0
1274.0	1276.0	0	30.4	30.	1.3	153.	107.	[illegible]	0.0	3.30	1.1
1275.3	1276.3		40.7	41.	1.3	150.	107.	[illegible]	0.0	4.30	1.4
1276.3	1280.0	0	32.3	40.	1.3	152.	106.	[illegible]	0.0	3.70	2.10
1280.0	1282.5	0	39.0	50.	1.3	152.	105.	[illegible]	0.0	4.30	[illegible]
1282.5	1284.3	0	41.7	40.	1.3	152.	107.	[illegible]	0.0	4.00	[illegible]
1284.3	1286.0		41.7	40.	1.3	152.	107.	[illegible]	[illegible]	[illegible]	[illegible]
1286.0	1288.0	0	40.4	40.	1.3	152.	107.	[illegible]	[illegible]	[illegible]	[illegible]
1288.0	1290.0	0	40.3	43.	1.3	152.	107.	[illegible]	[illegible]	[illegible]	[illegible]
1290.0	1292.0	0	42.4	43.	1.4	152.	104.	[illegible]	0.0	4.20	1.1
1292.0	1294.3		44.4	43.	1.4	152.	107.	[illegible]	0.0	[illegible]	1.7
1294.3	1296.3	0	42.7	40.	1.4	152.	107.	[illegible]	0.0	4.0	1.0
1297.3	1299.3		42.1	42.	1.4	152.	107.	[illegible]	[illegible]	4.0	1.0
1301.3	1302.3		37.1	43.	1.3	152.	106.	[illegible]	0.0	4.4	1.0
1301.3	1302.3		37.0	43.	1.3	153.	106.	[illegible]	0.0	4.20	1.0
1303.3	1307.3	0	12.1	320.	1.3	152.	105.	[illegible]	[illegible]	-0.30	0.0
1305.0	1306.0		14.	37.	1.3	152.	102.	[illegible]	[illegible]	1.40	1.30
1307.0	1310.3	0	26.0	227.	1.3	152.	37.	[illegible]	0.0	-2.70	1.0
1310.3	1312.1	0	23.0	241.	1.3	152.	102.	[illegible]	[illegible]	-0.00	1.0
1321.5	1323.5	0	41.0	45.	1.2	152.	104.	[illegible]	0.0	0.30	0.0
1326.3	1330.0	0	17.2	322.	1.2	153.	104.	[illegible]	0.0	-0.30	0.0
1330.0	1332.0		22.1	222.	1.2	153.	103.	[illegible]	0.0	-1.40	-0.3
1332.0	1334.0		24.7	246.	1.1	154.	103.	[illegible]	0.0	-1.40	-0.1
1334.0	1336.0	0	27.3	334.	1.1	154.	152.	[illegible]	0.0	-1.40	-0.3

CORRELATION   CORR. DIP   DIP   DRIFT   DRIFT AZ.   VAR   DISPLACEMENTS
INTERVAL   SPACE ANGLE   AZ.   ANGLE   AZ.   HOLE   1-3   HOLE N.S.   E.W.

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1336.0   1338.0 C   25.1   294.   1.1   155.  105.   2.5   0.0  -1.50  -0.50
1338.0   1340.0 C   25.2   303.   1.1   155.  104.   [illegible]   0.0  -1.50  -1.10
1340.0   1342.0 C   21.5   310.   1.1   155.  104.   2.0   0.0  -1.20  -0.10
1342.0   1344.0 C   21.5   311.   1.1   156.  105.   2.0   0.0  -1.20  -1.00
1344.0   1346.0 B   21.1   309.   1.1   155.  104.   [illegible]   0.0  -0.50  -0.50
1346.0   1348.0 A   24.9   309.   1.1   156.  105.   2.0   0.0  -1.10  -0.70
1348.0   1350.0 B   21.6   310.   1.1   155.  104.   2.0   0.0  -0.70  -0.40
1350.0   1351.3 C   21.7   310.   1.1   156.  104.   [illegible]   0.0  -0.70  -0.40
1351.3   1351.4 C   23.0   311.   1.1   156.  104.   2.5   0.0  -0.50  -0.50
1351.4   1354.0 C   22.5   311.   1.1   156.  105.   [illegible]   0.0  -1.10  -0.00
1354.0   1356.0 C   22.0   314.   1.1   156.  107.   2.3   0.0  -0.70  -0.20
1356.0   1358.0 A   22.    317.   1.0   157.  107.   .3    0.0  -0.70  -0.40
1358.0   1360.0 C   13.3   300.   1.0   156.  107.   [illegible]   0.0  -1.30  -0.20
1360.0   1362.0 C   21.1   310.   1.0   155.  107.   .4    0.0  -0.00  -0.50
1362.0   1364.0 C   21.1   310.   1.0   155.  107.   2.4   0.0  -0.00  -0.50
1364.0   1366.0 B   21.1   310.   1.0   155.  107.   2.4   0.0  -0.20  -0.50
1366.0   1368.0 C   23.5   335.   1.0   154.  105.   2.4   0.0  -0.20  -0.40
1368.0   1370.0 C   24.1   312.   1.0   154.  105.   2.4   0.0  -0.10  -0.50
1370.0   1372.0 C   25.1   319.   1.0   154.  104.   2.4   0.0  -0.50  -0.50
1372.0   1374.0 C   17.3   317.   1.0   154.   97.   2.4   0.0  -0.50  -0.10
1374.0   1376.0 C   17.1   299.   1.0   153.   91.   2.5   0.0  -1.00  -0.70
1376.0   1378.0 C   17.1   295.   1.9   153.   47.   2.5   0.0  -1.10  [illegible]
1378.0   1380.0 A   17.1   297.   1.9   153.   42.   2.5   0.0  -1.00  -0.40
1380.0   1382.0 B   20.2   300.   1.9   153.   37.   2.5   0.0  -0.50  [illegible]
1382.0   1384.0 B   22.2   290.   1.9   153.   37.   2.7   0.0  -0.50  -1.10
1384.0   1386.0 B   21.4   305.   1.9   153.   37.   [illegible]   0.0  -0.40  -1.10
1386.0   1388.0 C   24.4   300.   1.7   153.   37.   [illegible]   0.0  -0.50  -1.10
1388.0   1392.0 C    3.3   247.   1.9   153.   35.   2.3   0.0  -1.00  -0.60
1392.3   1394.4 C   35.0   310.   1.9   153.   33.   2.7   0.0   0.20  -1.00
1396.0   1398.3 C   35.0   315.   1.9   153.   13.   2.4   0.0  -2.50  -1.10
1400.0   1402.0 C    4.7   190.   1.9   153.   11.   2.4   0.0  -2.10   0.20
1402.0   1404.0 C   16.3    70.   1.9   153.  354.   2.4   0.0  -1.00  -0.50
1406.0   1408.3 C    7.4   342.   1.0   153.  353.   2.3   0.0  -1.20   0.00
1410.0   1412.3 C   15.4    14.   1.0   153.  353.   2.3   0.0  -1.20   0.40
1412.3   1414.0 C   30.1    14.   1.0   154.  342.   2.0   0.0  -1.20   0.40
1414.0   1416.0 C   33.0    20.   1.0   155.  277.   2.4   0.0  -2.50  -0.70
1416.0   1420.0 C   35.0    17.   1.1   156.  220.   [illegible]   0.0  -4.40  -0.20
1420.0   1423.0 C   50.0   333.   1.1   157.  112.   2.5   0.0  -4.50  -2.20
1423.0   1426.0 C   22.4     4.   1.1   157.  140.   2.7   0.0   2.40   0.20
1426.0   1428.0 C   31.7    33.   1.1   157.  135.   2.7   0.0   2.30  -0.10
1428.0   1430.0 C   20.0     7.   1.1   156.  127.   2.7   0.0   1.00   0.10
1430.0   1431.3 C   25.0   303.   1.1   156.  123.   [illegible]   0.0  -1.30  -0.30
1431.3   1434.0 C   35.0    23.   1.1   156.  111.   [illegible]   0.0   2.30  -0.00
1434.0   1435.3 C   27.0    17.   1.2   156.  115.   [illegible]   0.0   1.70   0.10
1435.3   1437.0 C   11.2   300.   1.2   156.  115.   [illegible]   0.0  -0.20   0.00
1438.0   1440.0 C    0.9   314.   1.2   156.  113.   [illegible]   0.0   0.00   1.00
1440.0   1442.0 C    0.9   335.   1.2   156.  110.   [illegible]   0.0   0.30   1.20
1442.0   1444.0 C   11.4   327.   1.2   156.  107.   [illegible]   0.0   0.00   0.70
1444.0   1446.0 C   14.4   327.   1.2   156.  105.   2.7   0.0   0.00   0.00
1446.0   1448.0     [illegible]    343.   1.2   156.  105.   2.7   0.0   0.00   1.00
1448.0   1450.0 C   14.7   280.   1.2   156.  105.   2.7   0.0  -1.40   [illegible]
1450.0   1451.4 C   10.1   252.   1.2   157.  104.   2.7   0.2  -1.50   1.00
1452.0   1453.0 C   43.0   300.   1.2   159.   99.   2.7   0.0  -1.40  -0.00
1454.0   1456.0 C   22.1   203.   1.2   159.   [illegible]   2.7   0.0  -2.30  -0.10
1457.0   1458.0 C   31.4   343.   1.2   150.   [illegible]   2.7   0.0   0.00  -1.00
1459.0   1460.0 C   17.3   203.   1.2   159.   [illegible]   2.7   0.0  -1.50  -0.10

CORRELATION   CORR. DIP    DIP   DEFT   DEFT AZ.    GA   DISPLACEMENTS
INTERVAL      QUALI ANGLE  AZ.   ANGLE  AZ.   NO.1  1    NO.1 NO.2 NO.3
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1460.0   1462.0  C    11.6   294.   19.2   156.   90.   0.7   0.0  -0.40   0.46
1462.0   1464.0  C     7.7   309.   19.2   156.   90.   0.7   0.0  -0.50   0.00
1464.0   1466.0  A     9.3   294.   19.2   156.   93.   0.7   0.0  -0.70   0.70
1466.0   1467.5  C    10.1   299.   19.2   156.   93.   0.7   0.0  -1.10   0.0
1467.5   1469.7  C     6.5   332.   19.2   155.   92.   0.7   0.0  -0.10   0.90
1470.0   1472.3  C    13.5   274.   19.2   155.   92.   0.7   0.0  -1.30   0.40
1472.3   1474.3  A    17.6   275.   19.2   155.   91.   0.7   0.0  -1.40  -0.10
1474.3   1476.         11.    270.   19.2   155.   91.   0.7   0.0  -1.20
1477.3   1477.7  C    12.9   235.   19.2   155.   91.   0.7   0.0  -1.30   1.10
1479.3   1479.5  C    47.5   327.   19.2   155.   91.   0.7   0.2  -0.40  -2.40
1483.5   1486.7  C    20.0   257.   19.2   155.   93.   0.7   0.0  -3.20  -
1486.0   1487.   C    42.7   322.   19.2   155.   90.   0.7   0.0  -1.30  -2.
1488.5   1490.0  C    37.9   314.   19.2   155.   94.   0.7   0.0  -1.30  -2.20
1490.0   1492.0  C    40.7   314.   19.2   154.   92.   0.7   0.0  -1.90  -2.50
1492.0   1494.0  C     8.6   253.   19.2   155.   90.   0.7   0.0  -1.10   1.20
1495.0   1495.0  C    10.6    20.   19.2   155.   69.   0.7   0.0   1.30   1.30
1500.0   1501.0  C     5.7   282.   19.2   156.   90.   0.7   0.0  -0.70   1.00
1502.0   1504.0  C    22.2   310.   19.1   155.   97.   0.7   0.0  -0.70  -0.20
1504.5   1505.5  A     7.0   311.   19.1   155.   91.   0.7   0.0  -0.40   0.90
1506.0   1507.0  A     6.9   302.   19.1   155.   90.   0.7   0.0  -0.50   0.70
1508.7   1511.3        5.    342.   19.1   155.   91.   0.7   0.0   0.0    1.10
1510.3   1512.5  C    25.1   349.   19.0   155.   93.   0.7   0.0   0.00
1512.5   1514.3  C    15.9   355.   19.0   154.   91.   0.7   0.0   0.70   1.30
1514.3   1516.3  C    15.3   356.   19.0   154.   91.   0.7   0.0   0.40
1516.3   1518.5  C    11.3   295.   19.0   154.   92.   0.7   0.0  -0.70
1518.5   1520.0  A    11.2   270.   18.9   153.   93.   0.7   0.0  -0.70   0.70
1520.0   1522.0  A    11.4   247.   18.9   153.   97.   0.7   0.0  -0.70
1522.0   1524.0  A     6.1   270.   18.9   153.   97.   0.7   0.0  -0.30   1.00
1524.0   1526.0  C     7.6   279.   18.9   153.   99.   0.7   0.0  -0.30   1.00
1526.0   1528.0  A     9.1   290.   18.8   153.   96.   0.7   0.0  -0.30   0.00
1528.0   1530.0  A     9.3   292.   18.8   153.   96.   0.7   0.0  -0.30   0.70
1530.0   1532.0  A     6.4   253.   18.5   153.   63.   0.7   0.0  -1.00   1.00
1532.0   1534.0  C     5.7   305.   18.8   153.   90.   0.7   0.0  -0.40   1.00
1537.0   1538.5        5.2   255.   18.7   154.   89.   0.7   0.0  -0.70   1.20
1540.0   1540.0  C    25.1    21.   18.7   154.   97.   0.7   0.0   1.70   1.10
1547.0   1549.5       13.0   200.   18.6   152.   97.   0.7   0.0  -1.30   0.1
1551.0   1552.5  C    19.6   330.   18.5   152.   79.   0.7   0.0   0.20
1552.3   1554.5  C    10.3   297.   18.5   153.   84.   0.7   0.0  -1.90   2.00
1554.5   1556.0  C     9.3   263.   18.5   153.   82.   0.7   0.0  -0.70   0.70
1556.0   1558.0        7.9   269.   18.4   153.   80.   0.7   0.0  -1.00   0.70
1558.0   1560.0  C     5.0   260.   18.4   153.   79.   0.7   0.0  -0.50   1.20
1560.0   1562.0  C    10.7   234.   18.4   153.   77.   0.7   0.0  -1.30   1.10
1562.5   1564.0  A     5.1   271.   18.4   153.   75.   0.7   0.0  -0.90   0.70
1564.0   1566.0  A     9.    278.   18.3   153.         0.7   0.0  -1.00
1566.0   1568.0  A     5.    269.   18.3   153.   67.   0.7   0.0  -0.
1568.0   1570.0  A     7.2   265.   18.3   154.   75.   0.7   0.0  -1.10
1570.0   1572.0  A     6.    280.   18.3   154.         0.7   0.0  -0.30
1572.0   1574.0  A     0.    273.   18.2   154.               0.0  -0.70
1574.0   1576.0  A     3.0   237.   18.2   154.               0.0  -1.20   0.70
1576.0   1578.0  C     0.    222.   18.2   154.   87.         0.0  -0.90   1.
1578.0   1580.0  C     6.7   267.   18.2   154.   60.         0.0  -0.
1580.0   1582.0  C    11.1   227.   18.1   154.   91.         0.0  -1.30   1.2
1582.0   1584.0  C     3.0   247.   18.1   154.   09.         0.0  -1.00   1.00
1584.5   1585.5  C     3.7   293.   18.1   154.   07.         0.0  -0.40   1.10
1587.3   1589.3  C    13.    336.   18.1   154.   61.         0.0   0.     0.40

CORRELATION   CORR. DIP      DIP   DRFT   DRFT  AZ.          DISPLACEMENTS
INTERVAL      GRADE ANGLE    AZ.   ANGLE  AZ.   NO.1   I    NO.1  NO.2  NO.3
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1590.3   1590.0 0   13.1   352.   17.1   154.    33.   [illegible]   0.0   0.40   [illegible]
1592.0   1593.0 0   13.0    60.   17.1   154.    57.   [illegible]   0.0   1.00   1.00
1594.5   1596.0 0   12.0    11.   17.1   154.    64.   [illegible]   0.0   0.70   1.10
1596.0   1598.0 0   20.1    36.   17.1   154.    93.   [illegible]   0.0   2.30   1.00
1598.0   1600.0 0   30.2    10.   17.1   155.    72.   [illegible]   0.0   2.70   [illegible]
1600.0   1602.0 0   24.1   253.   17.1   155.    60.   [illegible]   0.0  -2.00  - .00
1602.0   1603.5 0   17.2   250.   17.1   155.   [illegible]   [illegible]   0.0  -2.10   0.10
1604.0   1606.0 0   11.3   234.   17.1   155.    57.   [illegible]   0.0  -1.30   0.70
1606.0   1609.5 0   12.0   190.   18.1   155.    95.   [illegible]   0.0  -1.00   2.00
1614.0   1615.5 0   10.0   191.   17.1   155.    87.   [illegible]   0.0  -0.00   0.00
1616.3   1616.3 0   19.9   337.   17.1   155.    96.   [illegible]   0.0   0.10  -0.10
1618.3   1620.0 0   17.4   352.   17.1   155.    92.   [illegible]   0.0   0.50   0.40
1620.0   1622.0      5.4   263.   17.1   155.    93.   [illegible]   0.0  -0.00   0.70
1622.0   1624.0 0   10.2   270.   17.1   155.    95.   [illegible]   0.0  -1.50   [illegible]
1624.0   1626.0     11.0   259.   17.1   155.    97.   [illegible]   0.0  -0.60   [illegible]
1626.0   1628.0     12.    237.   17.1   155.    97.   [illegible]   0.0  -0.70   [illegible]
1628.0   1631.0 0   [illegible]   279.   17.1   155.    97.   [illegible]   0.0  -0.70   [illegible]
1630.0   1632.0 4    5.0   271.   17.1   155.    97.   [illegible]   0.0  -0.40   1.00
1632.0   1634.0 4    4.0   248.   19.1   155.    98.   3.0   0.0  -0.40   1.40
1634.0   1635.5 0   23.1   312.   19.1   155.    99.   [illegible]   0.0  -0.70  -0.70
1636.0   1637.5 0   17.7   314.   19.1   155.   103.   [illegible]   0.0  -0.00  - .10
1638.0   1640.5 0    9.4   229.   19.1   155.   102.   3.0   0.0  -0.70   1.00
1642.0   1642.7     16.3   326.   19.1   155.    99.   [illegible]   0.0  -0.20   [illegible]
1644.0   1645.2      7.0   257.   19.1   155.    97.   [illegible]   0.0  -0.70   1.00
1646.0   1648.5 0   14.7   206.   17.1   155.    30.   [illegible]   0.0  -1.00   [illegible]
1648.5   1650.3 0   20.0   270.   19.2   155.    95.   [illegible]   0.0  -2.00  - .00
1652.0   1652.5 0    6.7     3.   19.0   155.    95.   [illegible]   0.0   3.00   1.00
1654.0   1655.3 0   14.2   205.   19.0   155.    93.   [illegible]   0.0  -1.00   [illegible]
1656.3   1656.0 0   11.3   277.   19.0   155.    95.   [illegible]   0.0  -1.10   [illegible]
1658.0   1658.0 0   11.4   202.   19.0   155.    91.   [illegible]   0.0  -1.10   [illegible]
1660.0   1662.0 0   14.2   206.   19.0   155.    90.   [illegible]   0.0  -1.40  -0.20
1662.0   1664.5 0   14.4   203.   19.0   155.    90.   [illegible]   0.0  -1.40   [illegible]
1664.5   1666.0 0   11.7   314.   19.0   155.    90.   [illegible]   0.0  -0.40   1.40
1666.0   1668.0 0   31.7   266.   19.0   155.    90.   [illegible]   0.0  -3.20  -1.10
1668.0   1670.0 0   [illegible]   [illegible]   19.0   155.    92.   [illegible]   0.0  -0.50  - .40
1670.0   1672.0 0   [illegible]   [illegible]   19.0   155.    92.   [illegible]   0.0  -0.00  -1.00
1672.0   1674.0     17.4   318.   19.0   155.    91.   [illegible]   0.0  -0.70  - .40
1674.0   1676.0     11.0   294.   19.0   155.    93.   [illegible]   0.0  -1.40   [illegible]
1676.0   1678.0     13.1   310.   19.0   155.    95.   [illegible]   0.0  -0.50   [illegible]
1678.0   1680.0 0   15.0   211.   19.0   155.    91.   [illegible]   0.0  -1.00    .30
1680.0   1684.0     11.0   272.   19.0   155.    92.   1.7   0.0  -0.00   1.30
1684.0   1690.0 0   16.1   324.   19.0   155.    91.   1.7   0.0  -0.50   [illegible]
1692.0   1693.5 0   21.0   367.   17.4   155.    91.   [illegible]   0.0  -1.00  - .70
1696.3   1697.5 0   17.0   290.   17.4   155.    92.   [illegible]   0.0  -1.10  - .00
1702.0   1704.0 0   15.3   266.   17.0   155.    92.   [illegible]   0.0  -1.70   [illegible]
1704.0   1706.0 0   22.0   214.   17.0   155.    93.   [illegible]   0.0  -2.00  - .00
1706.0   1707.0     15.    217.   17.4   155.    90.   [illegible]   0.0  -1.00   1.00
1708.7   1711.5     17.4    13.   17.7   155.    90.   [illegible]   0.0  -1.30   2.30
1711.2   1712.0      4.0   272.   17.7   155.   [illegible]   [illegible]   0.0  -0.70   1.30
1713.5   1715.0     10.0   210.   17.0   155.   [illegible]   .7   0.0  -2.20   [illegible]
1715.0   1720.0     10.3   210.   17.0   155.   [illegible]   .7   0.0  -2.30   [illegible]
1720.0   1722.0     20.0   100.   17.0   155.   [illegible]   .7   0.0  -2.30   1.00
1722.5   1724.0 0   15.7   157.   17.0   155.   [illegible]   .7   0.0  -1.00   1.00
1724.0   1725.0     15.7   231.   17.0   155.   [illegible]   .7   0.0  -2.10    .00
1727.0   1730.0 0   11.1   180.   17.4   155.   [illegible]   .7   0.0  -1.20   1.00


CORRELATION  CORR.  DIP    DIP   DRFT   DRFT  AZ.    DIA   DISPLACEMENTS
INTERVAL     DEPTH  ANGLE  AZ.   ANGLE  AZ.   NO.1   12    NO.1 NO.2 NO.3
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1732.0   1734.0 C    10.9   112.   17.4   155.   45.   0.1   0.0  -0.40   2.10
1734.0   1735.9 C    12.0   112.   17.4   155.   66.   0.1   0.0  -0.00   2.30
1735.9   1738.5 C     9.0   155.   17.4   155.   89.   0.1   0.0  -0.60   1.90
1738.5   1740.5 A     6.0   201.   17.3   155.   75.    .1   0.0  -0.50   1.70
1740.5   1742.0 A     0.0   230.   17.3   155.   90.   0.1   0.0  -0.00   1.60
1742.0   1744.0 C     8.0   220.   17.3   155.   57.   0.1   0.0  -1.10   1.00
1744.0   1746.0 C     3.0   210.   17.2   155.   41.   0.1   0.0  -0.40   1.90
1746.0   1748.5 C     9.0   101.   17.2   155.   95.   0.1   0.0  -0.50   2.00
1748.5   1750.0 C    12.0   194.   17.2   155.  104.   0.1   0.0  -0.40   2.40
1750.0   1752.0 C     6.1   212.   17.2   155.  105.   0.1   0.0  -0.30   1.00
1752.0   1753.5 C    15.0   219.   17.2   155.   79.   0.1   0.0  -2.00   2.10
1753.5   1758.0 C    10.0   210.   17.3   155.   74.    .1   0.0  -1.00   2.10
1758.0   1760.0 C     6.2   200.   17.3   155.   71.    .1   0.0  -1.30   1.70
1760.0   1762.0 A    11.0   254.   17.3   155.   74.    .1   0.0  -1.00   2.30
1762.0   1764.0 C    11.1   219.   17.4   155.   70.    .1   0.0  -1.00   1.70
1764.0   1766.0 C    12.0   221.   17.4   154.   74.    .1   0.0  -1.00   1.60
1766.0   1770.0 C     5.0   224.   17.5   154.   70.    .1   0.0  -1.00   2.10
1770.0   1772.0 C     9.0   212.   17.5   153.   71.    .1   0.0  -1.20   1.20
1779.0   1781.5 C     5.1    63.   17.7   152.   50.    .1   0.0   0.20   1.00
1782.0   1784.0 A     2.1   204.   17.9   152.   71.    .1   0.0  -0.70   1.00
1784.5   1786.0 A      .1   165.   17.9   152.   75.    .1   0.0  -0.30   1.00
1785.0   1787.0 A     2.4   215.   18.0   152.   74.   0.1   0.0  -0.70   1.00
1790.3   1792.0 C      .0    40.   18.0   152.   74.    .1   0.0   0.30   1.70
1793.3   1794.3 C     5.2    17.   18.1   152.   72.    .1   0.0   0.10   1.50
1794.3   1795.0 C     3.0     7.   18.1   152.   05.   0.1   0.0   0.0    1.00
1809.0   1811.0 C     1.0   216.   18.0   151.   75.    .1   0.0  -0.70   1.00
1811.0   1812.0 A     2.0    20.   18.7   151.   74.    .1   0.0  -0.70   1.10
1814.0   1815.0 A     1.0   152.   18.0   151.   71.    .1   0.0  -0.60   1.00
1819.0   1820.0 A     7.2   172.   18.9   150.   60.    .1   0.0  -0.70   2.00
1821.0   1822.0 A     4.0   100.   17.0   150.   70.    .1   0.0  -0.20   1.00
1823.0   1824.0 A     5.0   165.   18.0   150.   73.   0.1   0.0  -0.50   1.90
1825.0   1826.0 A     7.5   100.   17.1   150.   72.   0.1   0.0  -0.30   2.00
1826.0   1827.0 C    13.1   329.   19.1   150.   73.   0.1   0.0   0.0     .0
1828.0   1829.0 A    12.0   130.   19.2   150.   70.   0.1   0.0  -0.50   2.00
1830.0   1831.0 C     4.0   170.   19.3   150.         0.1   0.0  -1.50   1.00
1834.0   1835.0 C     2.4   190.   17.4   149.   73.   0.1   0.0  -3.40   1.00
1836.0   1837.0 C    15.0   230.   19.3   149.   77.   0.1   0.0  -2.1     .0
1840.0   1841.0 C    13.7    13.   19.0   149.   61.    .1   0.0  -1.40   2.00
1843.0   1844.0 C    22.0   136.   17.7   149.   77.   0.1   0.0  -1.00   3.70
1845.0   1846.0 C    10.0   141.   19.0   149.   72.   0.1   0.0  -1.00   3.0
1847.0   1850.0       3.0   156.   17.9   148.   77.   0.1   0.0  -0.  3   1.00
1851.0   1852.0 C     5.0   100.   17.9   147.   74.   0.1   0.0  -0.00   1.
1853.0   1854.0 C     9.7   157.   20.0   147.   74.   0.1   0.0  -1.10   1.10
1855.0   1856.0 C    13.0   158.   20.0   147.   70.   0.1   0.0  -1.30   2.00
1858.0   1859.0 C     4.0   151.   20.1   147.   74.   0.1   0.0  -1.00   2.20
1861.0   1862.0 C     1.0   104.   20.2   148.   70.   0.1   0.0  -1.70   1.50
1862.0   1863.0 A    25.    103.   20.2   146.   67.   0.1   0.0  -2.30   3.00
1864.0   1865.0       1.0   203.   20.3   146.   0     0.1   0.0  -0.20   1.10
1867.0   1868.0       4.0   221.   20.4   145.   70.   0.1   0.0  -1.00   1.30
1872.0   1872.0 C    12.1   143.   20.0   145.   70.   0.1   0.0  -1.00   2.00
1872.0   1873.0 A     5.0   152.   20.5   145.   70.   0.1   0.0  -0.40   1.00
1875.0   1876.0 C    10.0   187.   20.6   144.   70.   0.1   0.0  -1.30   2.10
1876.0   1879.0 C     3.4   217.   20.7   144.   70.   0.1   0.0  -0.20   1.40
1881.0   1882.0 C     4.0   231.   21.0   144.   70.   0.1   0.0  -0.40   1.00
1883.0   1884.0 A     5.5   101.   20.8   143.   72.   0.1   0.0  -0.40   1.00


CORRELATION   CORR. DIP      DIP   DRFT   DRFT AZ.      ZOA   DISPLACEMENTS
INTERVAL            GRADE ANGLE   AZ.   ANGLE  AZ.  NO.1    IS   NO.1 NO.2 NO.3
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1885.0   1886.0 A      5.1   241.   20.9   143.   50.    0.7    0.0  -1.10    1.10
1892.0   1893.0 A      5.5   250.   21.1   142.   77.    0.7    0.0  -0.70    1.30
1894.0   1895.0 A      7.0   221.   21.2   142.   63.    0.7    0.0  -0.60    1.70
1897.0   1898.0 A      4.2   314.   21.3   142.   67.    0.7    0.0   0.10    1.40
1899.0   1900.0 A      2.9   209.   21.4   142.   59.    0.7    0.0   0.0     2.10
1901.0   1902.0 A      2.5   251.   21.4   143.   90.    0.7    0.0   0.0     1.70
1903.0   1904.0 A      5.4   215.   21.5   143.   89.    0.0    0.0  -0.20    1.50
1905.0   1906.0 A      7.1   344.   21.6   143.   66.    0.5    0.0   0.40    1.50
1907.0   1908.0 A      7.5    20.   21.7   143.   65.    0.6    0.0   0.00    2.00
1909.0   1910.0 A     11.0   204.   21.8   143.   72.    0.5    0.0  -1.00    0.90
1911.0   1912.0 A      5.7   111.   21.9   144.   67.    0.5    0.0  -0.20    2.40
1913.0   1914.0 A      3.1   250.   22.0   144.   92.    0.5    0.0   0.0     1.70
1915.0   1917.0 A      2.7   102.   22.1   144.   97.    0.5    0.0   0.40    2.40
1919.0   1920.0 A      0.9   213.   22.2   144.   97.    0.5    0.0  -0.1     2.30
1921.0   1922.0 A      2.0   250.   22.3   144.   99.    0.5    0.0   0.50    2.1
1923.0   1924.0 A      2.9   240.   22.4   145.  105.    0.4    0.0   0.20    2.20
1925.0   1927.0 A      5.0   271.   22.5   145.  117.    0.5    0.0   0.30    [illegible]
1929.0   1930.0 C      7.1   252.   22.6   145.  108.    0.7    0.0   0.10    [illegible]
1931.0   1932.0 B      4.3   228.   22.7   145.  107.    0.7    0.0   0.30    2.40
1933.0   1934.0 A      9.0   206.   22.8   145.  111.    0.7    0.0   0.70    2.70
1935.0   1936.0 A      0.1   254.   22.9   146.  114.    0.7    0.0   0.50    2.20
1939.0   1940.0 A      [illegible]   219.   23.1   146.  110.    0.7    0.0   0.1     1.70
1941.0   1942.0 A      4.0   250.   23.1   146.  109.    0.7    0.0   0.30    2.20
1943.0   1944.0 A      3.7   171.   23.2   147.  [illegible]    0.7    0.0   [illegible]    2.70
1945.0   1946.0 A     11.0   173.   23.2   147.  [illegible]    0.7    0.0   1.10    [illegible]
1947.0   1948.0 A     12.5   170.   23.3   148.  104.    0.7    0.0   1.10    [illegible]
1949.0   1950.0 A      0.7   103.   23.3   147.  [illegible]    0.7    0.0   [illegible]    2.10
1951.0   1952.0 B     10.0   339.   23.4   147.  101.    0.7    0.0   0.40    2.00
1953.0   1954.0 A      2.3   334.   23.4   147.  101.    0.7    0.0   0.30    1.10
1955.0   1956.0 A      4.1   225.   23.5   147.  101.    0.7    0.0   0.20    [illegible]
1958.0   1959.0 A      1.0   245.   23.5   147.   [illegible]    0.7    0.0   0.30    2.30
1960.0   1961.0 A      5.7   251.   23.6   147.   99.    0.0    0.0   0.0     1.70
1963.0   1964.0 A      [illegible]   200.   23.7   147.   [illegible]    [illegible]    0.0   0.10    2.10
1965.0   1966.0 A      0.7   202.   23.7   147.   91.    [illegible]    0.0  -0.30    [illegible]
1967.0   1968.0 A      3.3   271.   [illegible]   147.   [illegible]    [illegible]    0.0  -0.30    [illegible]
1969.0   1970.0 A      4.9   177.   [illegible]   147.   [illegible]    [illegible]    [illegible]   [illegible]    [illegible]
1971.0   1972.0 A      [illegible]   214.   [illegible]   147.   [illegible]    [illegible]    0.0  -0.10    1.70
1973.0   1974.0 [illegible]      [illegible]   213.   [illegible]   147.   [illegible]    [illegible]    [illegible]  -0.20    [illegible]
1975.0   1976.0 A      [illegible]   [illegible]   [illegible]   147.   [illegible]    0.7    [illegible]   [illegible]    2.10
1977.0   1979.0 A      [illegible]   231.   [illegible]   [illegible]   95.    0.7    0.0  -0.20    [illegible]
1981.0   1982.0 [illegible]      [illegible]   [illegible]   24.1   [illegible]   [illegible]    0.7    [illegible]  -0.20    [illegible]
1985.0   1987.0 [illegible]      0.1   [illegible]   24.1   147.   [illegible]    0.7    [illegible]   [illegible]    2.70
1989.0   1990.0 [illegible]      7.1   214.   24.1   147.   [illegible]    0.7    0.0  -0.30    1.70
1991.0   1992.0 [illegible]      5.1   [illegible]   [illegible]   147.   [illegible]    0.7    [illegible]  -1.30    2.10
1993.0   1994.0 [illegible]      4.3   295.   [illegible]   147.   [illegible]    0.7    [illegible]  -0.20    [illegible]
1995.0   1996.0 [illegible]     12.0    42.   [illegible]   147.   [illegible]    0.7    0.0   1.00    [illegible]
1999.0   2000.0 [illegible]      [illegible]   [illegible]   24.0   147.   [illegible]    0.7    [illegible]   0.50    2.30
2000.0   2001.0 [illegible]      4.7   317.   23.9   147.   71.    0.7    0.0   0.10    1.30
2003.0   2004.0 [illegible]     11.    177.   [illegible]   14?.   92.    0.7    0.0  -0.30    [illegible]
2005.0   2006.0 [illegible]     13.1   333.   [illegible]   14?.   92.    0.7    [illegible]   1.30    1.10
2008.0   2009.0 A     11.3   311.   [illegible]   143.   92.    0.7    0.0  -0.30    1.1
2010.0   2011.0 A      5.7   224.   [illegible]   142.   92.    0.7    0.0  -0.30    [illegible]
2013.0   2014.0 [illegible]     12.5   213.   [illegible]   142.   [illegible]    0.7    [illegible]  -1.00    2.30
2019.0   2020.0 A      4.2   270.   23.7   144.   78.    0.7    0.0   [illegible]    2.20
2021.0   2022.0 [illegible]      2.7   211.   23.7   144.   95.    0.7    0.0   0.20    2.40

 CORRELATION    CORR. DIP     DIP   DRFT  DRFT  AZ.    PIN   DISPLACEMENTS
 INTERVAL       QUAL  ANGLE   AZ.   ANGLE AZ.   NO.1   IS    NO.1 NO.2 NO.3
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2027.0   2028.0 C    13.7   260.   23.7   144.   97.   0.7   0.0  -0.70   0.10
2031.0   2032.0 C    10.1   263.   23.6   144.   96.   0.7   0.0  -0.20   1.30
2033.0   2034.0 C    12.9   317.   23.6   144.   96.   0.7   0.0   0.03   1.00
2035.0   2036.0 C     3.5   213.   23.6   144.   94.   0.7   0.0   0.10   2.40
2039.0   2039.0 C    15.5   317.   23.6   144.   92.   0.7   0.0   0.20   0.10
2041.0   2042.0 C    12.2    46.   23.5   145.   89.   0.7   0.0   1.50   2.70
2047.0   2049.0 C     2.5   317.   23.5   145.   89.   0.7   0.0   0.0    1.40
2051.0   2052.0 C    10.1    54.   23.5   145.   91.   0.5   0.0   2.10   3.30
2054.0   2055.0 C    23.3    99.   23.4   145.   91.   0.5   0.0   2.70   3.30
2056.0   2057.0 C    23.9   110.   23.4   145.   92.   0.5   0.0   2.50   2.70
2061.0   2062.0 C    23.9    90.   23.4   145.   91.   0.5   0.0   3.10   3.40
2062.0   2063.0 C    34.7    20.   23.4   145.   91.   0.5   0.0   3.40   1.30
2075.0   2076.0 C    11.7   202.   23.3   145.   90.   0.5   0.0  -1.50   0.70
2081.0   2082.0 C    10.2     0.   23.2   145.   91.   0.5   0.0   1.30   1.50
2085.0   2086.0 C    14.5    85.   23.2   145.   91.   0.5   0.0   1.70   3.00
2090.0   2091.0 C    24.3    90.   23.2   145.   95.   0.5   0.0   3.20   7.30
2094.0   2095.0 C    19.0    00.   23.2   145.   91.   0.7   0.0   2.30   4.00
2097.0   2096.0 C     5.9   240.   23.2   145.   93.   0.7   0.0  -0.30   0.0
2100.0   2101.0 C    17.4   180.   23.2   146.   93.   0.7   0.0  -0.20   4.10
2104.0   2105.0 C     9.7   200.   23.2   146.   95.   0.7   0.0  -0.30   2.30
2107.0   2108.0 C     9.9   190.   23.2   146.   93.   0.7   0.0  -0.40   2.7
2111.0   2112.0 C    10.2   310.   23.2   146.   39.   0.0   0.0  -0.40   0.30
2115.0   2116.0 C    10.1   310.   23.2   146.   39.   0.7   0.0  -0.40   0.30
2117.0   2117.0 C    15.4   325.   23.2   146.   37.   0.0   0.0   0.0    0.70
2121.0   2122.0 C     2.4   210.   23.2   147.   97.   0.0   0.0  -0.20   2.20
2123.0   2124.0 C     9.0   240.   23.1   147.   95.   0.0   1.0  -0.40   1.10
2125.0   2126.0 C     0.1    32.   23.1   147.   90.   0.0   0.0   0.10   2.20
2127.0   2128.0 C     9.0   251.   23.1   147.   95.   0.0   0.0  -1.00   1.90
2129.0   2130.0 C     6.7   160.   23.1   147.   91.   0.5   0.0  -0.30   2.10
2131.0   2132.0 C     4.1   231.   23.1   147.   95.   0.0   0.0  -0.10   2.20
2134.0   2135.0 C    12.9   102.   23.1   147.   93.   0.7   0.0   0.0    2.00
2137.0   2138.0 C    14.0   232.   23.1   147.   95.   0.7   0.0  -1.30   1.00
2142.0   2143.0 C     3.0   240.   23.1   147.   92.   0.7   0.0  -0.20   2.00
2146.0   2147.0 C     2.0   231.   23.1   147.   70.   0.7   0.0   0.0    2.10
2149.0   2149.0 C    10.3   109.   23.1   148.   91.   0.7   0.0  -0.30   3.70
2151.0   2152.0 C    13.0   144.   23.1   148.   92.   0.0   1.0   0.40   3.00
2155.0   2156.0 C     6.5   205.   23.0   148.   90.   0.0   0.0  -0.20   2.20
2157.0   2158.0 C     4.2   155.   23.0   148.   90.   0.0   0.0  -0.20   2.40
2159.0   2160.0 C    22.9    22.   23.0   148.   94.   0.5   1.0   2.2    1.00
2162.0   2163.0 C    15.0   229.   23.0   148.   97.   0.5   0.0  -1.00   1.90
2167.0   2168.0 C    15.7   219.   23.0   148.   90.   0.5   0.0  -1.00   2.10
2170.0   2171.0 C    20.2   207.   22.7   148.   87.   0.5   0.0  -2.20   2.00
2175.0   2176.0 C     0.5   337.   22.9   149.   91.   0.5   0.0   0.20   1.50
2177.0   2178.0 C    10.7   232.   23.0   149.   90.   0.5   0.0  -1.00   1.00
2180.0   2181.0 C    10.2   238.   23.0   149.   91.   0.5   0.0  -1.70   1.00
2183.0   2184.0 C    13.3    50.   23.0   149.   90.   0.5   0.0   1.0    2.00
2185.0   2186.0 C    14.3   224.   23.0   149.   94.   0.5   0.0  -1.30   1.70
2191.0   2192.0 C    13.7   254.   23.0   149.  100.   0.5   0.0  -1.00   1.40
2193.0   2194.0 C     5.7   120.   23.1   149.  100.   0.5   0.0  -0.10   1.0
2199.0   2200.0 C    20.7    43.   23.0   151.  100.   0.0   0.0   3.70   5.00
2202.0   2203.0 C     7.5     2.   23.3   151.  101.   0.5   0.0   0.00   1.0
2206.0   2207.0 C    10.0   298.   23.4   151.  100.   0.5   0.0  -0.30   1.20
2211.0   2212.0 C    10.0   305.   23.5   151.   10.   0.   0.0  -0.30   1.10
2217.0   2218.0 C     0.5   209.   23.6   151.   94.   0.5   0.0  -0.30   1.10
2220.0   2221.0 C    31.1   350.   23.7   152.   97.   0.7   0.0   1.30   1.30


CORRELATION    CORR. DIP       DIP    DRFT   DRFT  AZ.     DIP   DISPLACEMENTS
INTERVAL           GRADE ANGLE     AZ.    ANGLE  AZ.   REL.   13    ROW1 ROW2 ROW3
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2230.0   2231.0 C    40.5      7.   23.7   152.    88.   [illegible]   0.0    3.00   [illegible]
2233.0   2234.0 C    67.9     13.   23.7   152.    88.   0.6           0.0    7.63    3.50
2236.0   2236.0 C    67.5     11.   23.7   152.    87.   [illegible]   0.0    5.2    -  .7
2238.0   2239.0 C    20.5    350.   23.7   152.    88.   [illegible]   0.0    1.2    [illegible]
2243.0   2244.0 C     7.4    261.   23.0   152.    94.   [illegible]   0.0   -0.7    1.
2249.0   2250.0 C    41.3      1.   23.0   152.    93.   0.9           0.0    2.00   -  .2
2252.0   2253.0 C    23.1      9.   23.5   152.    97.   0.5           0.0    1.7    2.00
2255.0   2256.0 C    15.3    279.   23.6   152.    99.   0.5           0.0   -0.40   0.70
2257.0   2259.9 C    30.0    200.   23.5   152.   101.   0.1           0.0   -3.00   0.11
2261.0   2262.0 C    28.0    253.   23.8   152.   102.   0.1           0.0   -2.5    [illegible]
2265.9   2269.0 C    28.7    340.   23.8   152.   105.   [illegible]   0.0    0.5    -  [illegible]
2270.3   2271.0 C    13.     303.   23.0   152.   103.   [illegible]   0.0    [illegible]   0.70
2277.0   2280.0 C    21.1     67.   23.0   152.   101.   1.1           0.0    2.   [illegible]
2281.0   2282.0 C    20.7     99.   23.0   152.    99.   1.1           0.0    3.    [illegible]
2287.0   2289.0 C    29.1      9.   23.0   152.   [illegible]   1.1    0.0    1.0    1.1
2290.0   2291.0 C    13.1     54.   23.8   152.    96.   1.1           0.0    1.7    [illegible]
2300.0   2301.0 C     0.1    283.   23.9   152.   107.   0.7           0.0   -0.30   1.
2303.0   2304.0 C     9.7    270.   23.9   152.   109.   [illegible]   0.0   -0.40   1.0
2307.0   2300.0 C     7.0    245.   23.9   152.   104.   0.9           0.0   -0.5    2.0
2311.0   2312.0 C     2.     22.    23.9   152.    97.   1.1           0.0    0.4    2.40
2314.0   2315.0 C    20.5     54.   23.0   152.    91.   1.1           0.0    2.7    3.0
2317.0   2320.0 C    30.0    100.   24.2   153.    89.   1.2           0.0    5.0    [illegible]
2322.0   2320.0 C    10.     54.    24.3   153.    98.   1.1           0.0    1.50   [illegible]
2327.0   2330.0 C    24.3    332.   24.5   153.    97.   1.2           0.0    0.    [illegible]
2330.0   2331.0 C    24.7     99.   24.5   153.   [illegible]   1.2   [illegible]   2.   [illegible]
2333.0   2336.0 C     9.     24.    24.7   153.   105.   [illegible]   [illegible]   1.2   [illegible]
2337.0   2340.0 C    17.0     17.   24.8   153.   [illegible]   .7   [illegible]   1.0   1.7
2343.0   2344.0 C     8.5    317.   24.9   153.   104.   [illegible]   0.0    0.1    1.5
2352.0   2353.0 C     4.1    279.   24.1   153.   106.   [illegible]   0.0   -0.2    1.
2357.0   2360.0 C    10.9    258.   25.0   152.    97.   [illegible]   0.0   -1.0    1.5
2371.0   2372.0 C    11.0    238.   24.8   152.   107.   [illegible]   0.0   -0.3    1.3
2373.0   2374.0 C    13.1    206.   24.9   152.   107.   [illegible]   0.0   -1.7    1.
2375.0   2376.0 C     4.1    244.   24.9   151.   105.   [illegible]   0.0   -1.3    2.
2377.0   2380.0 C    21.0    272.   24.9   151.   107.   [illegible]   0.0   -1.1    [illegible]
2381.0   2382.0 C    10.0    203.   24.9   151.   109.   [illegible]   0.0   -0.3    1.
2383.0   2384.0 C    17.0      7.   24.0   151.   111.   [illegible]   0.0    1.2    1.
2385.0   2387.0 C    [illegible]   333.   24.   151.   107.   [illegible]   0.0   [illegible]   1.
2387.0   2390.0 C    13.2    350.   24.   151.   109.   [illegible]   0.0    0.7    1.
2391.0   2392.0 C    [illegible]   241.   24.   151.   108.   [illegible]   0.0   -2.7    1.
2393.0   2394.      C    27.     231.   24.   151.   111.   [illegible]   0.0   -2.7    [illegible]
2395.0   2396.0      33.     247.   24.9   151.   102.   [illegible]   0.0   -3.4    [illegible]
2397.0   2400.0       [illegible]   217.   24.7   151.   105.   [illegible]   0.0   -0.1    1.7
2401.0   2402.0 C    [illegible]   310.   24.7   151.   1     [illegible]   0.0    1.1    1.
2403.0   2404.0      3.     20.    24.7   151.   107.   [illegible]   0.0    [illegible]   [illegible]
2405.0   2406.0      [illegible]   3.   2 .0   151.   107.   [illegible]   0.0    [illegible]   1.
2408.0   2409.0 C    1     3 .   [illegible]   151.   114.   [illegible]   0.0    2.    2.3
2410.0   2411.0 C    27.     71.   2 .     151.   105.   [illegible]   0.0   4.0    4.1
2413.0   2414.0       [illegible]   124.   2 .   151.   105.   [illegible]   0.0    1.3    [illegible]
2417.0   2418.0 C    13     [illegible]   2 .1   151.   107.   [illegible]   0.0   2.    [illegible]
2422.0   2423.0 C    12.     7.    23.1   151.   100.   [illegible]   0.0    1.2    1.
2424.0   2425.0 C    1.      13.    2 .   151.   105.   [illegible]   0.0    1.4    1.
2429.0   2430.0 C    10.     321.   2 .   151.   107.   [illegible]   0.0    [illegible]   1.4
2430.0   2431.0 C    [illegible]   330.   2 .   151.   105.   [illegible]   0.0   0.2    1.
2433.0   2435.0 C    10.9    332.   23.3   151.   106.   [illegible]   0.0   9.4    1.
2437.0   2438.0 C    19.5     17.   23.3   151.   100.   [illegible]   0.0    1.7    1.3


CORRELATION   CORR.  DIP     DIP   DRFT   DRFT  AZ.    DEV   DISPLACEMENTS
INTERVAL      COEFF  ANGLE   AZ.   ANGLE  AZ.   NO.1   IS    NO.1  NO.2  NO.3
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2442.0   2443.0 0    10.0   200.   25.4   151.  102.   0.5   0.0  -0.90   0.90
2444.0   2445.0 0    10.0   200.   25.4   151.  101.   0.5   0.0  -1.00   0.70
2447.0   2448.0 0    11.9   332.   25.5   151.  102.   0.5   0.0   0.30   1.30
2449.0   2450.0 0     9.0   300.   25.5   151.  105.   0.5   0.0   0.0    1.20
2453.0   2454.0 0     5.7   339.   25.6   151.  106.   0.5   0.0   0.00   1.20
2456.0   2457.0 0    17.1   329.   25.6   151.  107.   0.4   0.0   0.20   1.00
2460.0   2461.0 0    30.3     7.   25.7   151.  100.   0.4   0.0   1.70   1.50
2463.0   2464.0 0    19.7   294.   25.7   152.  100.   0.4   0.0  -0.90   0.90
2465.0   2466.0 0    13.3   300.   25.8   152.  107.   0.4   0.0  -0.30   1.20
2470.0   2471.0 0    10.2   329.   25.8   152.  100.   0.4   0.0   0.20   0.70
2473.0   2474.0 0    14.2   342.   25.9   152.  110.    .4   0.0   0.30   1.20
2475.0   2476.0 0    10.3   327.   25.9   152.  110.    .4   0.0   1.40   1.30
2477.0   2478.0 0     9.3   326.   26.0   152.  106.    .4   0.0   0.40   1.00
2479.0   2480.0 0    20.0    20.   26.0   152.  107.    .4   0.0   2.40   1.50
2483.0   2484.0 0    20.3    23.   26.0   152.  107.    .3   0.0   1.70   1.70
2485.0   2485.0 0     9.9   330.   26.1   152.  107.    .3   0.0   0.30   1.00
2490.0   2491.0 0     5.7   335.   26.2   152.  103.   0.5   0.0   0.40   1.70
2493.0   2494.0 0    11.9   325.   26.2   152.  101.   0.5   0.0   0.10   1.30
2496.0   2497.0 0     6.2   200.   26.3   152.  101.   0.3   0.0   0.2    2.30
2500.0   2501.0 0    11.2    51.   26.3   152.   99.   0.5   0.0   1.30   2.00
2503.0   2504.0 0    11.0   346.   26.4   152.  100.    .5   0.0   0.30   1.30
2504.0   2505.0 0    10.4   352.   26.4   152.  100.   0.4   0.0   0.70   1.20
2506.0   2509.0 0    21.7     7.   26.5   152.  100.    .2   0.0   1.30   1.20
2512.0   2513.0 0     9.3    65.   26.5   152.  100.    .2   0.0   1.70   2.00
2516.0   2517.0 0    24.4   323.   26.6   152.  102.   0.2   0.0  -1.30   1.10
2521.0   2522.0 0     5.0   325.   26.7   152.  100.    .2   0.0   0.20   1.00
2525.0   2526.0 0     3.0     2.   26.7   152.  102.    .2   0.0   1.20   2.00
2527.0   2530.0 0    20.0   347.   26.8   152.  100.   0.0   0.0   0.00   1.20
2533.0   2534.0 0    14.0   341.   26.9   152.   95.   0.4   0.0   0.30   1.20
2535.0   2536.0 0     7.9   329.   26.9   152.   96.    .4   0.0   0.10   1.70
2539.0   2540.0 0     5.7   301.   27.0   152.   96.    .4   0.0  -0.30   1.30
2541.0   2542.0 0     9.3   310.   27.0   152.   97.    .4   0.0  -0.20   1.20
2545.0   2546.0 0     9.0   275.   27.0   152.  100.    .4   0.0  -0.30   1.70
2555.0   2556.0 0    12.0   353.   27.0   152.   98.    .2   0.0   0.50   1.30
2557.0   2558.0 0    11.5   339.   27.1   152.   96.    .2   0.0   0.30   1.4
2559.0   2560.0 0    13.7   320.   27.1   152.   96.    .2   0.0   0.0    1.10
2561.0   2562.0 0    10.1   319.   27.1   152.   96.    .2   0.0  -0.10   1.40
2564.0   2565.0 0    19.5    56.   27.1   152.   99.    .2   0.0   2.40   3.20
2566.0   2567.0 0    16.4   355.   27.1   152.   96.    .2   0.0   0.70   1.30
2570.0   2571.0 0    31.3    34.   27.1   152.   56.    .1   0.0   3.10   0.00
2573.0   2574.0 0    13.3   350.   27.1   152.   71.    .1   0.0   0.0    1.30
2575.0   2576.0 0    23.0   265.   27.1   152.   67.    .1   0.0  -1.30  -0.00
2581.0   2582.0 0    17.5   306.   27.1   151.   56.    .2   0.0  -1.20  -0.30
2584.0   2584.3 0     2.3   290.   27.1   151.   34.    .2   0.0  -2.10   0.20
2593.0   2594.0 0    21.7   328.   27.1   151.   31.    .0   0.0  -0.51  -1.10
2597.0   2600.0 0    10.9    10.   27.1   151.   27.    .5   0.0  -0.00   1.10
2600.0   2601.0 0    22.2   307.   27.1   150.   20.    .3   0.0  -0.40  -0.00
2604.0   2604.3 0     7.0   327.   27.1   150.   34.    .3   0.0  -1.50   0.10
2611.7   2612.0 0     5.2   295.   27.1   150.   24.    .3   0.0  -2.10  -0.40
2613.0   2613.2 0     3.0   274.   27.2   150.   27.    .2   0.0  -2.20  -0.20
2620.0   2621.0 0    10.7   245.   27.2   150.   40.    .2   0.0  -3.10  -1.20
2623.0   2624.0 0    10.0   275.   27.2   150.   74.    .2   0.0  -1.20   0.30
2629.0   2630.0 0    13.5   320.   27.2   150.   14.    .3   0.0  -1.30  -0.00
2634.0   2635.0 0    12.1   324.   27.1   150.   23.    .3   0.0  -1.40  -0.30
2636.0   2636.4 0     5.3   259.   27.1   150.   33.   0.3   0.0  -2.50  -0.40

 CORRELATION   CORR. DIP     DIP   DRFT   DRFT AZ.    DIA   DISPLACEMENTS
 INTERVAL      GRADE ANGLE   AZ.   ANGLE  AZ.   NO.1   ID   NO.1 NO.2 NO.3
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2043.0  2044.0 C   29.4  316.  21.1  150.   29.   0.3   0.0  -0.30  -0.90
2054.0  2054.3 C   40.0  330.  21.0  150.   27.   0.3   0.0   1.30   0.50
2057.0  2057.3 C   27.0  349.  21.0  151.   31.   0.3   0.0   0.30   0.00
2062.0  2062.3 C   24.4  320.  20.9  151.   27.   0.3   0.0  -0.30  -0.20
2065.0  2066.0 C   29.5  350.  20.9  151.   27.   0.3   0.0   0.50   0.70
2069.0  2070.0 C   14.0  340.  20.9  151.   21.   0.2   0.0  -1.00    .20
2074.0  2075.0 C   23.5  324.  20.9  151.   21.   0.2   0.0  -0.40  -0.50
2076.0  2077.0 C   31.9  342.  20.9  149.  359.   0.2   0.0  -0.90  -0.20
2080.0  2081.0 C   12.7  314.  20.9  149.   19.   0.2   0.0  -1.47  -0.50
2087.0  2088.0 C   26.4  200.  20.9  144.   19.   0.2   0.0  -1.10  -1.90
2093.0  2094.0 C   36.0  347.  20.9  147.   17.   0.2   0.0   1.10   1.00
2097.0  2098.0 C   33.9  340.  20.9  147.   16.   0.2   0.0   1.30   1.50
2102.0  2104.0 C   40.3  317.  20.9  149.   15.   0.2   0.0   1.00  -0.40
2109.0  2110.0 C    7.7  293.  20.9  149.   13.   0.3   0.0  -2.10  -1.00
2115.0  2116.0 C   25.8  332.  20.9  147.    9.   0.3   0.0  -0.10    .20
2120.0  2120.3 C   25.0  341.  20.9  150.    3.   0.2   0.0  -0.20   0.30
2124.0  2125.0 C   39.7  290.  20.9  150.    7.   0.2   0.0   0.00  -1.10
2126.0  2126.5 C   28.9  305.  20.9  150.  357.   0.3   0.0  -0.70  -1.10
2131.0  2132.0 C   11.7  336.  20.9  150.  360.   0.3   0.0  -1.20  -0.00
2135.7  2136.0 C   19.1  307.  20.8  151.    9.   0.3   0.0  -1.40  -1.10
2140.0  2141.0 C   33.3  290.  20.8  151.    4.   0.3   0.0   0.30  -1.40
2142.0  2143.0 C   19.4  300.  20.7  151.    6.   0.3   0.0  -1.40  -1.30
2151.7  2152.0 C   14.0  326.  20.6  151.  355.   0.2   0.0  -1.10  -0.70
2157.0  2158.0 C   23.0  291.  20.6  151.  347.   0.2   0.0  -1.10  -0.20
2161.0  2162.0 C   19.   235.  20.6  152.  347.   0.2   0.0  -2.30  -0.10
2164.0  2165.3 C    7.7  295.  20.6  152.  345.   0.2   0.0  -2.10  -2.30
2170.0  2170.3 C    6.0  347.  20.6  152.  342.   0.3   0.0  -1.00  -1.00
2174.0  2174.0 C   11.2  305.  20.6  152.  345.   0.3   0.0  -1.40  -1.50
2176.0  2179.0 A   11.2  295.  20.6  152.  345.   0.3   0.0  -1.40  -1.70
2181.0  2182.0 C    3.9  319.  20.6  152.  345.   0.2   0.0  -1.50  -1.40
2183.0  2184.0 C   12.3  323.  20.6  152.  344.   0.2   0.0  -1.20  -1.10
2186.0  2187.0 C   11.7  204.  20.7  153.  350.   0.2   0.0  -1.00  -1.
2191.0  2191.3 C    6.0  330.  20.7  153.  352.   0.2   0.0  -1.40  -1.30
2193.0  2194.0 C   11.0  323.  20.7  153.  352.   0.2   0.0  -1.40  -1.10
2195.0  2196.0 C    9.1  314.  20.7  153.  355.   0.2   0.0  -1.70  -1.30
2200.0  2200.3 C   11.2  270.  20.7  153.  352.   0.2   0.0  -1.40  -0.20
2207.0  2210.7      9.9  250.  20.7  153.  347.   0.3   0.0  -1.00  -1.7
2211.0  2212.0 C    9.4  341.  20.7  153.  349.   0.2   0.0  -1.70  -1.10
2213.0  2216.0 C   10.1  334.  20.7  153.  344.   0.2   0.0  -1.10  -0.30
2217.0  2218.0 C   14.4  340.  20.0  153.  344.   0.2   0.0  -1.20  -0.00
2218.0  2219.0 C   18.7  294.  20.0  153.  344.   0.2   0.0  -0.70  -1.00
2221.0  2222.0 C    2.3  360.  20.9  152.  347.   0.3   0.0  -2.40  -1.00
2223.0  2226.0 C   14.7  351.  20.9  152.  353.   0.3   0.0  -1.30  -0.40
2231.0  2232.0 C   21.3  341.  20.9  152.  354.   0.3   0.0  -1.00  -0.10
2234.0  2233.7 C   15.2  341.  20.9  152.  354.   0.2   0.0  -1.70  -0.30
2236.0  2200.7 C   20.0  311.  21.1  152.  350.   0.2   0.0  -0.50  -1.00
2241.0  2242.0 C   15.3  350.  21.0  152.  344.   0.3   0.0  -1.40  -0.40
2243.0  2244.0 C    3.   200.  21.0  151.  340.   0.3   0.0  -2.30  -2.10
2245.0  2245.7     10.4  310.  21.1  151.  340.   0.2   0.0  -1.30  -1.30
2247.0  2247.0 C   10.0  311.  21.1  152.  345.   0.2   0.0  -0.70  -1.10
2249.0  2250.0 A   11.0   13.  21.1  152.  345.   0.2   0.0  -2.20  -0.10
2250.0  2252.0 C   11.0  262.  21.1  152.  343.   0.2   0.0  -1.10  -0.50
2255.7  2256.0 C    3.0  257.  21.2  152.  342.   0.3   0.0  -2.40  -2.30
2263.0  2264.0 C    9.0  349.  21.2  152.  337.   0.3   0.0  -1.50  -1.00
2267.0  2270.0 C   11.0  293.  21.2  153.  347.   0.1   0.0  -1.30  -1.00


CORRELATION     CORR. DIP    DIP   DEVI   DEVI AZ.     DIA  DISPLACEMENTS
INTERVAL        GRADE ANGLE  AZ.   ANGLE  AZ.   NO.1   1-3  NO.1 NO.2 NO.3
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2872.0	2876.0	0	13.1	339.	21.2	153.	344.	0.3	0.0	-1.30	-[illegible]
2878.0	2878.5	0	11.0	352.	21.2	153.	341.	0.3	0.0	-1.00	-1.00
2882.0	2883.0	0	20.5	350.	21.2	153.	345.	0.3	0.0	-0.50	0.50
2884.0	2885.0	0	17.4	340.	21.2	153.	345.	0.3	0.0	-0.90	-0.30
2887.0	2888.0	0	10.7	275.	21.2	153.	337.	0.3	0.0	-1.50	-0.30
2891.0	2896.0	0	20.1	319.	21.2	153.	341.	0.3	0.0	0.30	-0.30
2897.0	2898.0	0	20.4	320.	21.2	153.	346.	0.3	0.0	0.0	-0.30
2899.0	2900.0	0	14.1	325.	21.0	153.	345.	0.3	0.0	-1.20	-1.10
2901.0	2902.0	0	14.0	331.	21.1	154.	341.	0.3	0.0	-1.20	-1.10
2902.0	2903.0	0	11.1	339.	21.1	154.	341.	0.3	0.0	-1.20	-1.30
2905.0	2906.0	0	21.1	321.	21.1	154.	345.	0.3	0.0	-1.[illegible]	-[illegible]
2906.0	2909.0	0	9.0	355.	21.1	154.	340.	0.3	0.0	-1.[illegible]	-1.30
2910.0	2911.0	0	11.7	343.	21.1	154.	331.	0.3	0.0	-1.50	-1.20
2915.0	2916.0	0	21.7	0.	21.1	153.	345.	0.3	0.0	-1.20	[illegible]
2916.0	2917.0	0	13.4	300.	21.1	153.	33[illegible].	0.3	0.0	-1.10	-1.1[illegible]
2923.0	2923.3	1	14.3	357.	21.1	153.	337.	0.3	0.0	-1.50	-[illegible]
2926.0	2926.4	0	9.2	22.	21.1	153.	337.	0.3	0.0	-2.50	-1.[illegible]
2930.0	2931.0	0	21.7	316.	21.1	153.	335.	0.3	0.0	-0.50	-[illegible]
2932.0	2933.0	0	21.3	301.	21.0	153.	335.	0.3	0.0	0.20	-1.1
2939.0	2939.5	0	12.1	303.	21.8	153.	349.	0.3	0.0	-1.[illegible]	-[illegible]
2941.0	2941.5	0	5.4	45.	21.8	154.	344.	0.2	0.0	-2.7[illegible]	-1.[illegible]
2943.0	2943.3	0	11.2	22.	21.8	154.	33[illegible].	0.2	0.0	-2.20	-1.2[illegible]
2945.0	2946.5	0	11.2	310.	21.8	154.	325.	0.3	0.0	-1.10	-1.[illegible]
2948.5	2949.0		10.6	291.	21.8	154.	334.	0.3	0.0	-0.[illegible]	-1.[illegible]
2951.0	2952.0	0	11.5	308.	21.8	154.	337.	0.3	0.0	-1.50	-1.1
2952.0	2953.0	0	14.[illegible]	30[illegible].	21.9	154.	337.	0.3	0.0	-1.20	-1.[illegible]
2954.0	2955.0	0	7.2	325.	21.9	154.	337.	0.3	0.0	-1.[illegible]	-1.[illegible]
2957.0	2958.0	0	13.3	347.	21.9	154.	32[illegible].	0.3	0.0	-1.[illegible]	-1.[illegible]
2961.0	2962.0	0	14.1	345.	21.9	155.	32[illegible].	0.3	0.0	-1.2[illegible]	-1.2[illegible]
2964.0	2965.0	0	10.3	355.	21.9	154.	326.	0.3	0.0	-1.20	-[illegible]
2967.0	2970.0	0	6.0	315.	21.9	154.	330.	0.3	0.0	-1.10	-1.[illegible]
2974.0	2975.0	0	13.5	310.	21.9	153.	341.	0.3	0.0	-1.20	-1.50
2979.0	2980.0	0	11.1	75.	21.9	154.	347.	0.3	0.0	-3.40	-1.[illegible]
2983.0	2984.0	0	34.0	318.	22.0	155.	359.	0.2	0.0	0.50	-[illegible]
2992.0	2992.5	0	20.5	310.	22.0	155.	350.	0.2	0.0	-0.70	-1.[illegible]
2997.5	2998.5	0	54.5	307.	22.0	155.	35[illegible].	[illegible]	0.0	0.[illegible]	[illegible]
3000.0	3001.0	0	42.5	325.	22.0	155.	355.	[illegible]	0.0	1.00	[illegible]
3002.1	3002.5	0	44.5	330.	22.0	154.	13.	[illegible]	0.0	1.50	[illegible]
3006.3	3007.0	0	22.3	325.	22.0	154.	122.	0.3	0.0	-0.70	[illegible]
3009.0	3010.0	0	16.2	321.	22.0	155.	31.	0.2	0.0	-0.[illegible]	[illegible]
3013.0	3014.0	0	30.1	44.	22.0	155.	10.	0.2	0.0	-1.00	0.50
3015.0	3016.0	0	25.0	310.	22.0	156.	14.	0.2	0.0	-0.30	-1.1[illegible]
3022.0	3023.0	0	40.5	320.	21.9	156.	14.	0.2	0.0	1.10	[illegible]
3024.7	3025.1	0	31.0	201.	21.9	157.	14.	0.2	0.0	-1.00	-2.[illegible]
3029.0	3030.0	0	31.4	325.	21.6	157.	39.	0.2	0.0	0.10	-[illegible]
3033.0	3035.0	0	11.0	327.	21.6	157.	30.	0.2	0.0	-1.50	-[illegible]
3043.0	3044.0	0	20.3	333.	21.4	156.	6.	0.3	0.0	-1.00	-1.40
3055.0	3056.0	0	30.7	342.	21.3	154.	27.	0.3	0.0	1.00	0.00
3060.0	3061.0	0	30.3	284.	21.3	154.	5.	0.3	0.0	-1.20	-2.10
3062.0	3063.0	0	13.1	279.	21.3	154.	301.	0.3	0.0	-1.70	-2.10
3067.0	3068.0	0	17.7	333.	21.2	154.	319.	0.3	0.0	-0.50	-0.70
3069.0	3070.0	0	30.1	331.	21.2	155.	315.	0.3	0.0	-0.20	1.10
3071.0	3072.0	0	48.7	330.	21.2	154.	319.	0.3	0.0	1.70	0.00
3079.0	3080.0	0	21.0	334.	21.1	155.	313.	0.3	0.0	-0.30	-0.90
3083.0	3084.0	0	22.0	320.	21.2	155.	300.	0.3	0.0	-0.30	-0.20