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DEPT OF GEOLOGY  
& MINERAL INDUS

## DIP LOG CALCULATIONS

COMPANY REICHHOLD ENERGY CORPORATION  
WELL CROWN ZELLERBACK NO.4  
FIELD PITTSBURG AREA  
COUNTY COLUMBIA STATE OREGON

WELEX

A **Halliburton** Company

| CORRELATION<br>INTERVAL | CURR.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DRFT<br>ANGLE | DRFT<br>AZ. | AZ.<br>NO.1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|---------------|-------------|-------------|-----------|-----------|-------|-------|-------|
| 681.0                   | C              | 11.0         | 61.        | .5            | 199.        | 236.        | 6.8       | 6.9       | -.29  | .01   | 1.24  |
| 691.0                   | C              | 7.7          | 174.       | .5            | 144.        | 11.         | 6.9       | 7.0       | -.61  | .74   | .79   |
| 693.0                   | C              | 4.8          | 158.       | .4            | 171.        | 50.         | 6.9       | 7.0       | -.64  | .71   | .01   |
| 695.0                   | C              | 15.9         | 246.       | .5            | 186.        | 226.        | 6.9       | 7.0       | -.01  | 1.97  | -2.01 |
| 699.0                   | C              | .5           | 354.       | .6            | 164.        | 323.        | 6.9       | 7.0       | .01   | -.01  | .01   |
| 701.0                   | C              | 5.3          | 121.       | .6            | 157.        | 288.        | 6.9       | 7.0       | -.02  | .68   | .67   |
| 702.9                   | C              | 6.4          | 109.       | .6            | 151.        | 253.        | 6.8       | 7.0       | .29   | .70   | .75   |
| 704.8                   | B              | 27.3         | 152.       | .5            | 137.        | 213.        | 6.8       | 7.0       | 3.63  | 3.73  | -.68  |
| 706.8                   | A              | 30.6         | 116.       | .5            | 131.        | 175.        | 6.9       | 7.0       | 4.12  | 3.92  | -.91  |
| 719.0                   | B              | 6.8          | 294.       | .5            | 137.        | 275.        | 6.9       | 7.0       | .05   | -.25  | -.77  |
| 721.0                   | B              | 7.3          | 355.       | .5            | 134.        | 346.        | 6.9       | 7.0       | .13   | -.58  | -.81  |
| 729.0                   | B              | 2.6          | 23.        | .5            | 109.        | 205.        | 6.9       | 7.0       | -.06  | -.04  | .32   |
| 731.0                   | B              | 4.3          | 355.       | .5            | 106.        | 175.        | 6.9       | 7.0       | -.27  | .01   | .38   |
| 739.0                   | A              | 15.8         | 255.       | .6            | 137.        | 38.         | 6.8       | 7.0       | .55   | -1.39 | 1.85  |
| 741.0                   | A              | 5.2          | 83.        | .6            | 135.        | 89.         | 6.8       | 7.0       | .21   | -.25  | -.61  |
| 743.0                   | A              | 4.2          | 357.       | .6            | 134.        | 1.          | 6.9       | 7.0       | .15   | -.16  | -.41  |
| 746.9                   | C              | 12.6         | 147.       | .5            | 118.        | 308.        | 6.8       | 7.0       | -.01  | .76   | 1.60  |
| 749.0                   | B              | 6.3          | 20.        | .5            | 113.        | 276.        | 6.9       | 7.0       | -.75  | .03   | -.01  |
| 751.0                   | B              | 3.9          | 348.       | .5            | 110.        | 242.        | 6.9       | 7.0       | -.43  | .03   | .01   |
| 752.9                   | C              | 28.1         | 118.       | .5            | 108.        | 207.        | 6.9       | 7.0       | 3.63  | .01   | 1.17  |
| 757.0                   | B              | 13.1         | 4.         | .5            | 105.        | 146.        | 6.9       | 7.0       | .58   | -1.18 | 1.45  |
| 759.0                   | B              | 4.3          | 347.       | .5            | 106.        | 115.        | 6.9       | 7.0       | .30   | -.02  | .36   |
| 761.0                   | B              | 4.3          | 320.       | .5            | 105.        | 81.         | 6.9       | 7.0       | .32   | .00   | .34   |
| 765.0                   | B              | 3.7          | 150.       | .5            | 111.        | 49.         | 6.9       | 7.0       | -.51  | .41   | -.09  |
| 767.0                   | B              | 4.8          | 320.       | .5            | 112.        | 219.        | 6.9       | 7.0       | -.52  | .41   | -.07  |
| 777.0                   | C              | 5.8          | 301.       | .5            | 105.        | 235.        | 6.8       | 7.0       | -.48  | -.00  | -.43  |
| 779.0                   | A              | 3.1          | 315.       | .2            | 95.         | 203.        | 6.8       | 7.0       | -.35  | .04   | .03   |
| 781.0                   | A              | 3.1          | 351.       | .1            | 86.         | 172.        | 6.8       | 7.0       | -.12  | .15   | .35   |
| 783.0                   | B              | 4.7          | 351.       | .1            | 86.         | 150.        | 6.9       | 7.0       | .03   | .05   | .56   |
| 785.0                   | C              | 4.8          | 336.       | .2            | 82.         | 127.        | 6.9       | 7.0       | .12   | .37   | .55   |
| 786.9                   | B              | 6.7          | 337.       | .4            | 80.         | 101.        | 6.9       | 7.0       | .52   | 1.59  | .59   |
| 789.0                   | C              | .3           | 303.       | .4            | 84.         | 82.         | 6.9       | 7.0       | .01   | -.01  | -.01  |
| 791.0                   | C              | .3           | 357.       | .4            | 85.         | 59.         | 6.9       | 7.0       | .01   | .01   | -.04  |
| 798.9                   | C              | 31.6         | 306.       | 0.0           | 84.         | 360.        | 6.9       | 6.9       | 4.03  | -.01  | -1.26 |
| 815.2                   | B              | 14.4         | 292.       | .4            | 109.        | 186.        | 6.9       | 7.0       | -1.74 | -3.01 | -.11  |
| 827.0                   | A              | 4.1          | 156.       | .4            | 94.         | 39.         | 6.9       | 7.0       | -.54  | .14   | .04   |
| 829.0                   | A              | 1.3          | 217.       | .3            | 81.         | 69.         | 6.9       | 6.9       | -.12  | -.14  | .06   |
| 831.0                   | B              | 1.1          | 244.       | .1            | 68.         | 247.        | 6.8       | 6.8       | .05   | -.33  | -.11  |
| 843.0                   | C              | 12.8         | 199.       | 0.0           | 75.         | 360.        | 6.8       | 7.6       | -.00  | -.19  | 1.56  |
| 899.1                   | B              | 19.0         | 341.       | 0.0           | 82.         | 290.        | 7.3       | 6.9       | -1.28 | .41   | -2.13 |
| 900.9                   | C              | 19.5         | 257.       | 0.0           | 85.         | 290.        | 7.5       | 6.9       | 1.92  | 1.50  | -1.63 |
| 917.0                   | C              | 11.6         | 215.       | 0.0           | 84.         | 298.        | 7.5       | 6.9       | 1.38  | -.00  | .32   |
| 947.0                   | B              | 15.9         | 101.       | .5            | 109.        | 289.        | 6.9       | 7.0       | -.92  | .14   | 1.81  |
| 949.0                   | B              | 16.6         | 96.        | .5            | 109.        | 290.        | 6.9       | 7.0       | -1.14 | .26   | 1.78  |
| 953.0                   | B              | 25.7         | 42.        | .5            | 107.        | 288.        | 6.8       | 7.0       | -3.35 | 1.22  | .37   |
| 955.0                   | B              | 20.6         | 37.        | .5            | 107.        | 289.        | 6.9       | 7.0       | -2.63 | 1.10  | .03   |
| 980.9                   | C              | 30.3         | 149.       | .2            | 110.        | 310.        | 7.7       | 7.0       | -.01  | 1.02  | 4.50  |
| 984.9                   | C              | 12.6         | 320.       | .5            | 106.        | 311.        | 7.7       | 7.0       | .25   | 2.53  | -1.63 |
| 987.0                   | C              | 3.9          | 156.       | .5            | 103.        | 314.        | 7.6       | 7.0       | -.01  | .47   | .57   |
| 989.0                   | C              | 8.0          | 193.       | .5            | 106.        | 310.        | 7.6       | 7.0       | .66   | -.02  | .82   |
| 990.9                   | C              | 18.4         | 158.       | .5            | 111.        | 299.        | 7.5       | 7.0       | .80   | .66   | 2.41  |
| 993.0                   | A              | 3.1          | 311.       | .5            | 110.        | 292.        | 7.2       | 7.0       | .00   | -.33  | -.33  |
| 995.0                   | A              | .5           | 229.       | .5            | 109.        | 299.        | 7.2       | 7.0       | .05   | -.09  | .06   |
| 997.0                   | B              | 2.3          | 325.       | .5            | 110.        | 308.        | 7.5       | 7.0       | -.00  | -.27  | -.25  |
| 999.0                   | B              | 3.2          | 252.       | .5            | 110.        | 311.        | 7.6       | 7.0       | .36   | -.03  | -.03  |

| CORRELATION<br>INTERVAL | CURR.<br>GRADE | DIP<br>ANGLE | DTF<br>AZ. | DRFI<br>ANGLE | DRFI<br>AZ. | AZ.<br>NO. 1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|---------------|-------------|--------------|-----------|-----------|-------|-------|-------|
| 1001.0                  | B              | 3.4          | 244.       | .5            | 109.        | 312.         | 7.6       | 7.0       | .39   | -.03  | .03   |
| 1004.8                  | C              | 12.9         | 146.       | .5            | 111.        | 312.         | 7.6       | 7.0       | -.17  | 2.85  | 1.80  |
| 1018.9                  | C              | 26.6         | 145.       | .5            | 104.        | 305.         | 7.9       | 7.0       | .03   | .11   | 4.03  |
| 1049.0                  | B              | 3.9          | 243.       | .4            | 91.         | 312.         | 8.3       | 7.0       | .45   | -.01  | .03   |
| 1051.0                  | B              | 2.3          | 230.       | .4            | 90.         | 312.         | 8.4       | 7.0       | .25   | .02   | .11   |
| 1053.0                  | B              | 4.0          | 335.       | .4            | 106.        | 313.         | 8.4       | 7.0       | -.05  | -.38  | -.54  |
| 1127.1                  | C              | 31.7         | 331.       | .5            | 184.        | 315.         | 7.6       | 6.9       | .28   | -.84  | -4.64 |
| 1166.9                  | C              | 15.9         | 232.       | .5            | 217.        | 315.         | 7.1       | 7.0       | 2.02  | 1.78  | .42   |
| 1173.0                  | B              | 17.3         | 50.        | .4            | 227.        | 312.         | 7.3       | 6.9       | -2.07 | 1.67  | -.43  |
| 1175.0                  | B              | 17.5         | 51.        | .5            | 226.        | 312.         | 7.3       | 6.9       | -2.07 | 1.59  | -.44  |
| 1182.9                  | C              | 16.9         | 195.       | .5            | 236.        | 314.         | 7.8       | 6.9       | 1.37  | 1.71  | 1.66  |
| 1205.0                  | A              | 1.7          | 63.        | .5            | 225.        | 330.         | 7.7       | 6.9       | -.14  | .53   | -.04  |
| 1207.0                  | A              | 1.6          | 51.        | .5            | 211.        | 315.         | 8.1       | 7.0       | -.13  | .54   | -.04  |
| 1213.0                  | A              | 1.1          | 177.       | .4            | 258.        | 335.         | 7.0       | 7.0       | .06   | .22   | .12   |
| 1215.0                  | A              | .3           | 160.       | .4            | 245.        | 323.         | 7.2       | 7.0       | .04   | .20   | .03   |
| 1225.0                  | C              | 2.9          | 358.       | .4            | 247.        | 317.         | 7.8       | 7.0       | -.08  | -.03  | -.39  |
| 1227.0                  | C              | 3.2          | 342.       | .4            | 237.        | 306.         | 8.2       | 7.0       | -.06  | -.03  | -.46  |
| 1228.9                  | C              | 31.6         | 228.       | .5            | 235.        | 305.         | 8.4       | 7.0       | 4.34  | 1.07  | .46   |
| 1230.8                  | B              | 31.7         | 243.       | .3            | 236.        | 303.         | 8.1       | 7.0       | 4.28  | 2.15  | -.95  |
| 1232.9                  | C              | 34.2         | 250.       | .2            | 240.        | 302.         | 8.0       | 7.0       | 4.52  | .83   | -1.82 |
| 1245.1                  | B              | 29.3         | 121.       | .4            | 234.        | 315.         | 8.0       | 6.9       | -2.05 | -2.17 | 3.74  |
| 1247.0                  | B              | 33.1         | 256.       | .5            | 238.        | 322.         | 7.6       | 7.0       | 4.60  | -1.45 | -.41  |
| 1249.1                  | B              | 8.9          | 336.       | .5            | 219.        | 317.         | 7.2       | 7.0       | .08   | -2.09 | -1.12 |
| 1251.0                  | B              | 2.3          | 314.       | .5            | 209.        | 309.         | 7.2       | 7.0       | .12   | -.07  | -.28  |
| 1253.0                  | A              | 2.1          | 332.       | .4            | 228.        | 313.         | 7.5       | 7.0       | .05   | -.05  | -.28  |
| 1259.0                  | C              | 5.6          | 284.       | .4            | 234.        | 315.         | 7.8       | 6.9       | .56   | -1.08 | -.50  |
| 1263.1                  | C              | 17.7         | 318.       | .5            | 229.        | 312.         | 7.5       | 7.0       | .53   | -1.93 | -2.35 |
| 1265.1                  | C              | 23.4         | 314.       | .4            | 223.        | 312.         | 7.5       | 6.9       | .94   | -.47  | -3.12 |
| 1267.0                  | B              | 9.1          | 305.       | .5            | 222.        | 314.         | 7.7       | 6.9       | .58   | -.24  | -1.09 |
| 1269.0                  | B              | 3.9          | 356.       | .5            | 226.        | 315.         | 7.7       | 7.0       | -.11  | -.30  | -.48  |
| 1271.0                  | A              | .6           | 54.        | .5            | 233.        | 315.         | 7.7       | 7.0       | -.01  | -.04  | -.02  |
| 1273.1                  | C              | 16.5         | 34.        | .6            | 233.        | 316.         | 8.0       | 7.0       | -1.70 | -1.96 | -1.23 |
| 1275.0                  | B              | 8.7          | 8.         | .5            | 235.        | 317.         | 8.0       | 6.9       | -.49  | -.24  | -1.06 |
| 1277.0                  | B              | 4.2          | 12.        | .4            | 237.        | 315.         | 7.7       | 6.9       | -.27  | -.01  | -.46  |
| 1279.0                  | B              | 15.3         | 287.       | .3            | 234.        | 313.         | 7.6       | 6.9       | 1.38  | .02   | -1.46 |
| 1293.0                  | A              | 2.7          | 339.       | .5            | 234.        | 314.         | 7.8       | 6.9       | .02   | -.23  | -.38  |
| 1295.0                  | A              | 2.7          | 339.       | .5            | 237.        | 313.         | 7.9       | 6.9       | .02   | -.25  | -.39  |
| 1329.0                  | C              | 10.9         | 334.       | .5            | 219.        | 314.         | 8.2       | 6.9       | .03   | 1.49  | -1.58 |
| 1331.1                  | C              | 7.0          | 296.       | .5            | 218.        | 313.         | 8.3       | 6.9       | .53   | -1.20 | -.84  |
| 1333.1                  | C              | 5.7          | 312.       | .5            | 215.        | 311.         | 8.3       | 6.9       | .28   | -1.20 | -.78  |
| 1345.0                  | A              | 3.0          | 344.       | .5            | 211.        | 312.         | 8.1       | 6.8       | -.02  | -.12  | -.41  |
| 1347.0                  | A              | 3.1          | 343.       | .4            | 210.        | 314.         | 8.1       | 6.8       | -.02  | -.16  | -.43  |
| 1351.0                  | A              | 6.6          | 309.       | .3            | 211.        | 311.         | 8.3       | 6.8       | .43   | -.45  | -.82  |
| 1353.0                  | A              | 6.5          | 302.       | .4            | 215.        | 312.         | 8.3       | 6.7       | .42   | -.49  | -.81  |
| 1365.0                  | B              | 5.6          | 209.       | .5            | 209.        | 314.         | 8.2       | 6.6       | .58   | -.03  | .48   |
| 1367.0                  | B              | 5.7          | 207.       | .4            | 210.        | 313.         | 8.2       | 6.3       | .57   | -.01  | .49   |
| 1396.9                  | C              | 24.4         | 173.       | .5            | 187.        | 313.         | 8.3       | 6.4       | 1.09  | -.00  | 3.57  |
| 1402.7                  | B              | 33.9         | 216.       | .3            | 193.        | 313.         | 8.3       | 6.3       | 3.79  | 3.91  | 2.51  |
| 1407.1                  | C              | .7           | 115.       | .5            | 191.        | 314.         | 8.3       | 6.4       | -.01  | -1.84 | .12   |
| 1408.9                  | C              | 26.4         | 244.       | .5            | 189.        | 314.         | 8.2       | 6.6       | 3.33  | -.01  | -.02  |
| 1411.1                  | C              | 17.7         | 244.       | .5            | 190.        | 314.         | 8.3       | 6.7       | 2.20  | -3.85 | -.01  |
| 1425.0                  | B              | 6.7          | 273.       | .5            | 170.        | 311.         | 8.3       | 6.6       | .69   | -.66  | -.47  |
| 1427.0                  | B              | 6.3          | 264.       | .5            | 169.        | 312.         | 8.3       | 6.7       | .72   | -.67  | -.30  |

| CORRELATING<br>INTERVAL | CORR.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DRIFT<br>ANGLE | DRIFT<br>AZ. | AZ.<br>NO. 1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|----------------|--------------|--------------|-----------|-----------|-------|-------|-------|
| 1416.6                  | C              | 24.3         | 166.       | .3             | 280.         | 308.         | 11.1      | 6.9       | 1.00  | 6.74  | 4.72  |
| 1419.0                  | C              | 9.3          | 279.       | .3             | 280.         | 309.         | 11.2      | 6.9       | .86   | -.02  | -1.25 |
| 1421.0                  | B              | 11.5         | 290.       | .3             | 280.         | 309.         | 11.1      | 6.9       | .88   | .56   | -1.83 |
| 1425.0                  | B              | 5.4          | 243.       | .3             | 284.         | 311.         | 10.5      | 6.9       | .67   | -.41  | -.09  |
| 1427.0                  | B              | 6.0          | 244.       | .2             | 285.         | 311.         | 10.5      | 7.0       | .75   | -.42  | -.11  |
| 1436.8                  | B              | 25.4         | 169.       | .3             | 265.         | 312.         | 10.7      | 6.9       | 1.03  | 2.92  | 4.80  |
| 1451.0                  | A              | 6.4          | 267.       | .1             | 266.         | 311.         | 10.8      | 7.0       | .55   | -.92  | -.89  |
| 1453.0                  | A              | 6.1          | 289.       | .1             | 274.         | 312.         | 10.6      | 7.0       | .52   | -.86  | -.86  |
| 1458.6                  | C              | 39.9         | 222.       | .3             | 277.         | 315.         | 10.1      | 7.4       | 5.73  | 4.58  | 3.18  |
| 1461.0                  | B              | 26.2         | 259.       | .2             | 273.         | 314.         | 10.5      | 7.4       | 3.53  | -2.14 | -1.34 |
| 1463.1                  | B              | 26.6         | 258.       | .2             | 265.         | 314.         | 10.3      | 7.2       | 3.54  | -2.31 | -1.35 |
| 1465.3                  | B              | 28.7         | 318.       | .2             | 262.         | 314.         | 10.4      | 7.0       | 1.00  | -4.91 | -5.54 |
| 1469.0                  | B              | 6.2          | 295.       | .2             | 262.         | 315.         | 10.3      | 6.8       | .47   | -.03  | -.89  |
| 1471.0                  | C              | 10.5         | 323.       | .2             | 262.         | 317.         | 10.3      | 6.7       | .28   | -.02  | -1.89 |
| 1473.1                  | C              | 21.7         | 11.        | .2             | 261.         | 318.         | 10.4      | 6.8       | -1.51 | -1.00 | -3.41 |
| 1475.1                  | B              | 9.7          | 343.       | .1             | 260.         | 316.         | 10.1      | 6.9       | -.15  | -.86  | -1.72 |
| 1477.1                  | B              | 9.5          | 345.       | .0             | 263.         | 313.         | 10.0      | 7.0       | -.26  | -.82  | -1.64 |
| 1489.4                  | C              | 33.8         | 333.       | .0             | 258.         | 314.         | 10.3      | 7.5       | .01   | -4.98 | -6.92 |
| 1491.2                  | C              | .7           | 56.        | .0             | 258.         | 317.         | 10.0      | 7.6       | -.08  | -4.94 | -.02  |
| 1501.0                  | B              | 30.6         | 248.       | .1             | 254.         | 312.         | 9.7       | 7.5       | 4.41  | -1.48 | -.69  |
| 1507.0                  | C              | 17.2         | 7.         | .0             | 233.         | 309.         | 9.7       | 7.5       | -1.47 | 1.87  | -2.34 |
| 1513.0                  | C              | 19.3         | 34.        | .3             | 235.         | 310.         | 9.7       | 7.5       | -2.35 | 1.82  | -1.45 |
| 1515.0                  | C              | 21.0         | 39.        | .4             | 234.         | 313.         | 9.7       | 7.6       | -2.62 | 2.08  | -1.45 |
| 1526.9                  | C              | 22.6         | 238.       | 0.0            | 234.         | 311.         | 9.6       | 7.5       | 3.13  | 1.13  | .13   |
| 1528.8                  | B              | 17.1         | 229.       | 0.0            | 236.         | 310.         | 9.4       | 7.6       | 2.29  | 3.76  | .52   |
| 1531.0                  | B              | 5.1          | 268.       | 0.0            | 236.         | 309.         | 9.2       | 7.6       | .59   | -1.06 | -.40  |
| 1533.0                  | C              | 4.9          | 252.       | 0.0            | 224.         | 310.         | 9.1       | 7.6       | .64   | .02   | -.18  |
| 1539.0                  | C              | 19.3         | 260.       | .0             | 208.         | 315.         | 9.0       | 7.5       | 2.13  | -.91  | -1.85 |
| 1547.1                  | C              | .9           | 322.       | 0.0            | 212.         | 313.         | 9.1       | 7.4       | .02   | -1.86 | -.15  |
| 1549.0                  | C              | .6           | 294.       | 0.0            | 212.         | 312.         | 9.0       | 7.4       | .04   | .15   | -.07  |
| 1571.2                  | C              | 29.6         | 96.        | .1             | 185.         | 315.         | 8.9       | 7.5       | -3.58 | -4.10 | 2.73  |
| 1572.9                  | C              | 24.5         | 193.       | .1             | 187.         | 313.         | 8.6       | 7.6       | 2.28  | .01   | 2.98  |
| 1585.0                  | C              | 24.8         | 58.        | .0             | 186.         | 315.         | 8.4       | 7.6       | -3.50 | 1.41  | -.38  |
| 1607.1                  | C              | 30.5         | 127.       | 0.0            | 153.         | 342.         | 8.2       | 7.7       | -3.65 | -1.04 | 2.83  |
| 1619.0                  | C              | 1.4          | 172.       | .2             | 152.         | 339.         | 7.7       | 7.7       | -.02  | .00   | .21   |
| 1621.1                  | C              | 9.7          | 89.        | .4             | 160.         | 341.         | 7.8       | 7.7       | -1.32 | -.96  | .03   |
| 1623.1                  | C              | 6.3          | 62.        | .6             | 161.         | 342.         | 8.0       | 7.7       | -.75  | -.95  | -.35  |
| 1625.1                  | C              | 15.3         | 141.       | .6             | 166.         | 341.         | 7.8       | 7.7       | -1.32 | -1.45 | 1.75  |
| 1629.1                  | C              | 24.1         | 33.        | .1             | 168.         | 325.         | 7.5       | 7.7       | -3.39 | -.02  | .56   |
| 1631.1                  | C              | 20.1         | 225.       | 0.0            | 159.         | 300.         | 7.5       | 7.8       | 2.84  | -2.85 | .17   |
| 1633.1                  | C              | 22.3         | 218.       | 0.0            | 148.         | 281.         | 7.5       | 8.0       | 3.26  | -3.14 | -.44  |
| 1635.0                  | C              | 3.0          | 255.       | 0.0            | 134.         | 267.         | 7.5       | 8.2       | .22   | -.02  | -.33  |
| 1637.0                  | B              | 2.4          | 324.       | 0.0            | 140.         | 262.         | 7.4       | 8.2       | -.23  | .01   | -.23  |
| 1643.0                  | C              | 5.5          | 165.       | .0             | 137.         | 198.         | 7.5       | 7.8       | .59   | -.22  | -.45  |
| 1647.0                  | B              | 12.3         | 253.       | .0             | 133.         | 152.         | 7.5       | 7.7       | -1.67 | .84   | -.22  |
| 1649.0                  | B              | 11.6         | 229.       | .0             | 136.         | 130.         | 7.5       | 7.9       | -1.61 | .81   | -.26  |
| 1675.0                  | C              | 2.5          | 323.       | 0.0            | 105.         | 60.          | 7.5       | 8.4       | .33   | -.36  | .14   |
| 1677.1                  | B              | 12.1         | 170.       | .0             | 108.         | 60.          | 7.5       | 8.4       | -1.80 | -.37  | .02   |
| 1683.0                  | B              | 10.7         | 277.       | .2             | 112.         | 61.          | 7.5       | 8.4       | .43   | -.24  | 1.36  |
| 1684.9                  | B              | 7.0          | 279.       | .3             | 113.         | 58.          | 7.5       | 8.4       | .33   | 1.85  | .83   |
| 1687.0                  | B              | 20.3         | 99.        | .2             | 113.         | 56.          | 7.5       | 8.4       | -1.31 | 1.48  | -2.56 |
| 1688.9                  | C              | 16.6         | 220.       | .1             | 113.         | 56.          | 7.5       | 8.4       | -1.43 | 1.72  | 1.84  |
| 1712.9                  | C              | 19.1         | 289.       | .0             | 113.         | 359.         | 7.7       | 7.7       | 2.67  | 1.11  | -.03  |
| 1714.9                  | C              | 13.9         | 273.       | .0             | 116.         | 360.         | 7.7       | 7.7       | 1.83  | 1.39  | .54   |
| 1723.0                  | B              | 4.6          | 257.       | 0.0            | 109.         | 359.         | 7.8       | 7.7       | .52   | -.04  | .33   |

| CORRELATION<br>INTERVAL | CORR.<br>GRADE | DIP<br>ANGLE | DIF<br>AZ. | DRFT<br>ANGLE | DRFT<br>AZ. | AZ.<br>NO. 1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|---------------|-------------|--------------|-----------|-----------|-------|-------|-------|
| 1725.0                  | C              | 4.8          | 257.       | 0.0           | 109.        | 360.         | 7.8       | 7.7       | .55   | -.17  | .35   |
| 1731.1                  | C              | 8.6          | 227.       | 0.0           | 109.        | 357.         | 8.1       | 7.7       | .46   | -2.42 | .81   |
| 1733.0                  | B              | 10.2         | 248.       | 0.0           | 109.        | 360.         | 8.2       | 7.6       | 1.04  | -.45  | .96   |
| 1735.0                  | B              | 4.2          | 272.       | 0.0           | 109.        | 359.         | 8.2       | 7.6       | .54   | -.36  | .17   |
| 1737.0                  | B              | 5.9          | 16.        | .0            | 109.        | 360.         | 8.3       | 7.7       | .02   | -.40  | -.56  |
| 1738.9                  | B              | 7.1          | 219.       | .1            | 109.        | 360.         | 8.3       | 7.7       | .32   | .63   | .97   |
| 1740.9                  | C              | 21.0         | 218.       | .1            | 108.        | 360.         | 8.2       | 7.7       | .94   | .61   | 2.96  |
| 1745.1                  | C              | 21.5         | 92.        | .2            | 126.        | 360.         | 7.6       | 7.7       | -2.93 | -1.04 | -.87  |
| 1757.1                  | B              | 25.2         | 321.       | .2            | 137.        | 241.         | 7.6       | 7.9       | -3.23 | -.01  | -1.73 |
| 1759.0                  | C              | 5.4          | 328.       | .2            | 135.        | 215.         | 7.5       | 7.9       | -.44  | -.02  | .03   |
| 1761.0                  | C              | 6.4          | 236.       | .2            | 132.        | 192.         | 7.5       | 7.7       | -.33  | -.02  | -.78  |
| 1763.0                  | C              | 4.6          | 4.         | .2            | 122.        | 171.         | 7.5       | 7.7       | -.04  | .05   | .58   |
| 1765.0                  | C              | 5.4          | 347.       | .2            | 111.        | 149.         | 7.5       | 7.7       | .01   | .16   | .68   |
| 1771.0                  | C              | 1.3          | 262.       | .2            | 105.        | 83.          | 7.5       | 8.0       | -.01  | .40   | .14   |
| 1773.0                  | B              | 1.9          | 263.       | .3            | 106.        | 62.          | 7.5       | 7.8       | -.02  | .17   | .22   |
| 1775.0                  | C              | 5.0          | 209.       | .3            | 109.        | 39.          | 7.4       | 7.7       | -.23  | .45   | .33   |
| 1787.1                  | C              | 30.9         | 299.       | .1            | 132.        | 310.         | 7.5       | 7.7       | 2.26  | -1.92 | -3.87 |
| 1789.1                  | C              | 18.4         | 240.       | .2            | 132.        | 290.         | 7.5       | 7.7       | 2.42  | -2.47 | -.84  |
| 1791.0                  | B              | 7.6          | 290.       | .2            | 132.        | 274.         | 7.5       | 7.7       | .06   | -.43  | -.98  |
| 1793.0                  | C              | 15.9         | 182.       | .3            | 129.        | 251.         | 7.5       | 7.7       | 2.24  | .00   | -.02  |
| 1797.0                  | C              | 12.8         | 267.       | .3            | 111.        | 216.         | 7.5       | 7.7       | -.90  | -.03  | -1.42 |
| 1799.0                  | C              | 10.0         | 297.       | .3            | 109.        | 197.         | 7.5       | 7.7       | -1.30 | .01   | -.20  |
| 1801.0                  | B              | .3           | 269.       | .3            | 110.        | 174.         | 7.5       | 7.7       | -.00  | -.00  | -.03  |
| 1802.9                  | B              | 26.8         | 30.        | .3            | 109.        | 151.         | 7.5       | 7.7       | 4.27  | -.02  | -.04  |
| 1811.0                  | B              | 30.7         | 226.       | .2            | 110.        | 74.          | 7.5       | 7.7       | -3.34 | .93   | 3.01  |
| 1816.9                  | B              | 17.0         | 265.       | .2            | 105.        | 15.          | 7.5       | 7.8       | 1.83  | -.00  | 1.46  |
| 1819.0                  | A              | .2           | 210.       | .2            | 107.        | 163.         | 7.6       | 7.9       | .01   | -.20  | -.04  |
| 1821.0                  | A              | .1           | 291.       | .2            | 109.        | 360.         | 7.5       | 7.8       | -.01  | -.20  | .01   |
| 1825.0                  | C              | 25.7         | 61.        | .2            | 111.        | 343.         | 7.5       | 7.7       | -3.21 | 1.85  | -1.82 |
| 1827.0                  | C              | 15.7         | 269.       | .2            | 113.        | 324.         | 7.5       | 7.7       | 2.07  | -.84  | -.54  |
| 1829.0                  | B              | 1.8          | 283.       | .2            | 116.        | 305.         | 7.6       | 7.7       | .16   | -.35  | -.15  |
| 1831.0                  | B              | 8.6          | 18.        | .2            | 115.        | 283.         | 7.6       | 7.7       | -1.12 | -.03  | -.26  |
| 1833.0                  | B              | 11.3         | 359.       | .3            | 110.        | 264.         | 7.5       | 7.7       | -1.48 | .21   | -.32  |
| 1843.1                  | C              | 25.1         | 218.       | .3            | 109.        | 195.         | 7.6       | 7.7       | -.18  | -.01  | -3.22 |
| 1849.0                  | C              | 11.1         | 308.       | .3            | 106.        | 152.         | 7.5       | 7.9       | -1.04 | -.01  | 1.03  |
| 1851.0                  | B              | 5.3          | 205.       | .5            | 101.        | 140.         | 7.5       | 8.2       | -.49  | .02   | -.53  |
| 1853.0                  | B              | 5.2          | 200.       | .6            | 101.        | 135.         | 7.5       | 8.3       | -.50  | .02   | -.54  |
| 1866.8                  | C              | 15.6         | 340.       | .8            | 111.        | 145.         | 7.5       | 8.3       | -.11  | 3.17  | 1.99  |
| 1868.8                  | C              | 13.3         | 331.       | .8            | 110.        | 135.         | 7.5       | 8.3       | -.05  | 2.98  | 1.65  |
| 1870.9                  | C              | 9.8          | 16.        | .8            | 109.        | 135.         | 7.5       | 8.3       | 1.01  | 2.28  | .86   |
| 1875.0                  | B              | 6.0          | 240.       | .3            | 108.        | 137.         | 7.5       | 8.4       | -.85  | -.02  | -.12  |
| 1877.0                  | B              | 5.0          | 246.       | .2            | 106.        | 135.         | 7.6       | 8.7       | -.74  | .03   | -.01  |
| 1916.8                  | C              | 15.9         | 333.       | .8            | 109.        | 136.         | 7.7       | 9.0       | -.02  | 2.62  | 2.10  |
| 1918.8                  | C              | 25.9         | 333.       | .7            | 109.        | 135.         | 7.7       | 9.0       | -.03  | 3.79  | 3.81  |
| 1937.0                  | B              | 10.1         | 228.       | .5            | 107.        | 80.          | 7.5       | 7.7       | -1.09 | .57   | .78   |
| 1939.0                  | C              | 8.7          | 221.       | .8            | 106.        | 78.          | 7.7       | 7.7       | -1.02 | .58   | .56   |
| 1941.2                  | C              | 21.9         | 60.        | .9            | 106.        | 78.          | 7.8       | 7.7       | 1.81  | -3.34 | -2.63 |
| 1955.0                  | B              | 15.4         | 291.       | .9            | 109.        | 80.          | 7.6       | 7.7       | .38   | -.03  | 2.00  |
| 1957.0                  | B              | 4.5          | 287.       | .9            | 109.        | 78.          | 8.0       | 7.7       | .03   | -.02  | .48   |
| 1958.8                  | B              | 6.3          | 231.       | .8            | 109.        | 78.          | 8.2       | 7.7       | -.67  | 3.85  | .52   |
| 1974.9                  | B              | 19.8         | 279.       | .9            | 133.        | 13.          | 7.6       | 8.0       | 2.52  | .04   | 1.15  |
| 1976.9                  | A              | 15.6         | 267.       | .9            | 133.        | 7.           | 7.6       | 8.2       | 1.89  | .07   | 1.09  |
| 1982.9                  | B              | 9.1          | 248.       | .8            | 133.        | 11.          | 7.4       | 8.3       | .72   | .77   | 1.00  |
| 1984.9                  | C              | 6.4          | 235.       | .8            | 136.        | 9.           | 7.5       | 8.3       | .32   | .79   | .81   |
| 1987.0                  | C              | 6.5          | 22.        | .9            | 139.        | 169.         | 7.6       | 8.1       | .27   | .47   | .74   |

| CORRELATION<br>INTERVAL | CORR.<br>GRADE | DIP<br>ANGLE | DTP<br>AZ. | DRFT<br>ANGLE | DRFT<br>AZ. | AZ.<br>NO.1 | DJA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|---------------|-------------|-------------|-----------|-----------|-------|-------|-------|
| 1995.0                  | A              | 13.6         | 132.       | .8            | 139.        | 336.        | 7.5       | 7.7       | -1.14 | .02   | 1.57  |
| 1997.0                  | A              | 6.6          | 135.       | .8            | 139.        | 319.        | 7.5       | 7.6       | -.45  | .34   | 1.15  |
| 1999.0                  | A              | 6.0          | 161.       | .8            | 140.        | 314.        | 7.6       | 7.6       | .16   | .39   | 1.16  |
| 2012.8                  | C              | 10.2         | 204.       | .8            | 138.        | 238.        | 7.5       | 7.8       | 1.24  | 3.52  | -.80  |
| 2015.0                  | C              | 6.2          | 220.       | .8            | 137.        | 237.        | 7.4       | 8.1       | .63   | -.57  | -.64  |
| 2017.0                  | B              | 4.7          | 240.       | .8            | 138.        | 234.        | 7.4       | 8.2       | .27   | -.38  | -.58  |
| 2019.1                  | C              | 9.5          | 245.       | .8            | 139.        | 233.        | 7.4       | 8.2       | .27   | -.46  | -1.23 |
| 2049.1                  | A              | 4.6          | 197.       | .9            | 133.        | 237.        | 7.5       | 8.2       | .69   | -2.65 | -.30  |
| 2051.1                  | B              | 8.4          | 228.       | .9            | 133.        | 236.        | 7.5       | 8.3       | .69   | -1.90 | -.96  |
| 2061.0                  | B              | 10.7         | 211.       | .9            | 133.        | 241.        | 7.5       | 8.3       | 1.30  | -.02  | -.90  |
| 2063.1                  | C              | 29.6         | 250.       | .9            | 132.        | 241.        | 7.6       | 8.4       | .88   | -.82  | -4.19 |
| 2064.9                  | C              | 7.8          | 244.       | .9            | 132.        | 241.        | 7.5       | 8.6       | .44   | 1.71  | -.96  |
| 2067.0                  | C              | 6.4          | 266.       | .9            | 132.        | 241.        | 7.5       | 8.8       | .02   | -.61  | -.80  |
| 2069.0                  | B              | 7.0          | 234.       | .9            | 133.        | 238.        | 7.6       | 8.8       | .56   | -.81  | -.84  |
| 2071.0                  | B              | 8.5          | 258.       | .9            | 134.        | 235.        | 7.6       | 8.5       | .04   | .01   | -1.10 |
| 2073.0                  | B              | 9.5          | 258.       | .9            | 135.        | 238.        | 7.5       | 8.4       | .10   | .02   | -1.23 |
| 2082.9                  | C              | 24.6         | 105.       | .9            | 136.        | 249.        | 7.5       | 8.4       | 1.23  | -1.02 | 3.36  |
| 2099.1                  | C              | 33.4         | 223.       | .9            | 133.        | 239.        | 7.5       | 8.2       | 3.22  | -2.46 | -4.03 |
| 2101.0                  | C              | 29.9         | 214.       | .9            | 133.        | 238.        | 7.5       | 8.5       | 3.48  | -.04  | -3.12 |
| 2110.9                  | C              | 4.1          | 246.       | .9            | 138.        | 263.        | 7.6       | 9.0       | .50   | 1.43  | -.37  |
| 2131.0                  | C              | 12.2         | 12.        | .8            | 139.        | 266.        | 7.6       | 9.1       | -1.86 | .02   | -.02  |
| 2133.0                  | B              | 13.2         | 12.        | .8            | 139.        | 266.        | 7.7       | 9.0       | -2.00 | .05   | -.03  |
| 2135.1                  | C              | 14.5         | 315.       | .9            | 139.        | 239.        | 7.6       | 8.9       | -1.80 | -1.10 | -1.04 |
| 2137.0                  | C              | 14.3         | 177.       | .9            | 137.        | 236.        | 7.6       | 9.0       | 2.38  | -2.04 | -.41  |
| 2139.1                  | B              | 18.2         | 303.       | .8            | 134.        | 233.        | 7.6       | 9.0       | -2.15 | -1.36 | -1.55 |
| 2141.3                  | C              | 29.7         | 241.       | .8            | 119.        | 225.        | 7.6       | 8.8       | .34   | -4.27 | -4.31 |
| 2167.0                  | B              | 4.4          | 284.       | .8            | 138.        | 254.        | 7.6       | 8.7       | -.02  | -.71  | -.52  |
| 2169.0                  | B              | 7.0          | 217.       | .8            | 137.        | 248.        | 7.7       | 8.8       | .95   | -.68  | -.57  |
| 2189.0                  | B              | 11.6         | 227.       | .7            | 151.        | 264.        | 7.5       | 8.9       | 1.62  | -1.47 | -.84  |
| 2191.1                  | B              | 11.6         | 239.       | .7            | 155.        | 266.        | 7.5       | 8.9       | 1.44  | -1.61 | -1.02 |
| 2201.1                  | C              | 16.8         | 31.        | .8            | 155.        | 258.        | 7.4       | 8.9       | -2.33 | -1.38 | .95   |
| 2239.0                  | C              | 7.2          | 76.        | .8            | 137.        | 242.        | 7.6       | 9.2       | .00   | .00   | .99   |
| 2245.0                  | C              | 16.3         | 7.         | .8            | 138.        | 260.        | 7.7       | 9.0       | -2.53 | 2.36  | -.02  |
| 2247.0                  | C              | 10.8         | 233.       | .8            | 138.        | 260.        | 7.6       | 8.9       | 1.33  | -1.03 | -.96  |
| 2249.0                  | B              | 13.3         | 212.       | .9            | 138.        | 260.        | 7.6       | 9.0       | 2.07  | -.52  | -.66  |
| 2258.9                  | C              | 14.8         | 84.        | .8            | 139.        | 258.        | 7.5       | 8.5       | -.40  | 1.74  | 1.99  |
| 2261.0                  | B              | 10.3         | 293.       | .8            | 138.        | 258.        | 7.6       | 8.4       | -.33  | .43   | -1.26 |
| 2267.0                  | C              | 12.6         | 39.        | .8            | 136.        | 257.        | 7.6       | 8.4       | -1.52 | .67   | .98   |
| 2269.0                  | C              | 18.2         | 22.        | .8            | 136.        | 251.        | 7.6       | 8.5       | -2.46 | .68   | .99   |
| 2274.9                  | C              | 11.2         | 145.       | .9            | 135.        | 238.        | 7.6       | 8.4       | 1.67  | 1.29  | .59   |
| 2283.0                  | C              | 14.1         | 222.       | .8            | 134.        | 231.        | 7.5       | 8.9       | 1.19  | .00   | -1.65 |
| 2285.0                  | C              | 14.6         | 217.       | .9            | 133.        | 231.        | 7.6       | 8.9       | 1.41  | .02   | -1.64 |
| 2297.0                  | B              | 4.1          | 165.       | .8            | 133.        | 235.        | 7.6       | 8.9       | .77   | -.30  | .01   |
| 2299.0                  | B              | 16.4         | 235.       | .8            | 133.        | 234.        | 7.6       | 8.7       | .94   | -.50  | -2.11 |
| 2306.9                  | C              | 9.2          | 237.       | .3            | 129.        | 237.        | 7.5       | 8.4       | .00   | 2.37  | -1.21 |
| 2309.0                  | B              | 20.5         | 312.       | .3            | 134.        | 234.        | 7.6       | 8.3       | -2.61 | 1.13  | -1.47 |
| 2311.0                  | C              | 27.6         | 30.        | .3            | 139.        | 231.        | 7.6       | 8.4       | -2.76 | -.01  | 3.07  |
| 2313.1                  | C              | 12.0         | 243.       | .3            | 139.        | 222.        | 7.6       | 8.4       | .00   | -.84  | -1.62 |
| 2317.0                  | B              | .3           | 286.       | .3            | 137.        | 211.        | 7.6       | 8.5       | .00   | -.01  | -.03  |
| 2319.1                  | B              | 6.2          | 229.       | .2            | 137.        | 210.        | 7.6       | 8.7       | .03   | -1.19 | -.84  |
| 2321.1                  | C              | 6.7          | 209.       | .2            | 137.        | 210.        | 7.6       | 8.9       | .39   | -1.12 | -.84  |
| 2341.0                  | C              | 14.2         | 170.       | .2            | 127.        | 212.        | 7.5       | 9.0       | 2.03  | -.01  | -.93  |
| 2345.1                  | B              | 16.5         | 266.       | .3            | 132.        | 212.        | 7.6       | 9.1       | -1.52 | -.01  | -1.83 |
| 2347.0                  | B              | 9.2          | 249.       | .2            | 134.        | 211.        | 7.6       | 9.0       | -.44  | -.35  | -1.17 |
| 2349.0                  | B              | 7.9          | 233.       | .2            | 135.        | 210.        | 7.5       | 9.0       | -.05  | -.56  | -1.06 |

| CORRELATION<br>INTERVAL | CORR.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DRIFT<br>ANGLE | DRIFT<br>AZ. | AZ.<br>NO.1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|----------------|--------------|-------------|-----------|-----------|-------|-------|-------|
| 2353.3                  | C              | 26.9         | 261.       | .2             | 133.         | 208.        | 7.6       | 9.0       | -2.77 | -3.48 | -3.47 |
| 2359.0                  | B              | 1.2          | 247.       | .2             | 124.         | 205.        | 7.5       | 9.1       | -.03  | -.52  | -.15  |
| 2361.0                  | B              | 1.6          | 168.       | .2             | 114.         | 196.        | 7.5       | 9.0       | .22   | -.52  | -.15  |
| 2365.0                  | B              | 2.9          | 93.        | .1             | 112.         | 190.        | 7.5       | 8.8       | .42   | -.30  | .16   |
| 2367.0                  | A              | .9           | 192.       | .1             | 112.         | 189.        | 7.5       | 8.5       | .04   | -.17  | -.11  |
| 2369.0                  | B              | 2.6          | 124.       | .1             | 111.         | 187.        | 7.5       | 8.3       | .38   | -.18  | -.05  |
| 2371.0                  | C              | 4.5          | 92.        | .1             | 110.         | 187.        | 7.5       | 8.3       | .60   | .01   | .24   |
| 2373.0                  | C              | 5.8          | 210.       | .1             | 111.         | 187.        | 7.5       | 8.3       | -.95  | -.29  | -.77  |
| 2375.0                  | B              | 6.2          | 208.       | .1             | 110.         | 186.        | 7.5       | 8.3       | -.03  | -.34  | -.81  |
| 2377.0                  | C              | 4.0          | 209.       | .1             | 110.         | 186.        | 7.5       | 8.3       | -.03  | .26   | -.53  |
| 2379.0                  | C              | 9.8          | 204.       | .1             | 111.         | 185.        | 7.6       | 8.4       | -.00  | -.44  | -1.32 |
| 2381.4                  | B              | 11.2         | 190.       | .1             | 110.         | 183.        | 7.6       | 8.4       | .37   | -.76  | -1.47 |
| 2383.0                  | A              | 3.4          | 204.       | .1             | 109.         | 186.        | 7.6       | 8.4       | .03   | -.18  | -1.12 |
| 2385.0                  | B              | 4.5          | 187.       | .1             | 109.         | 190.        | 7.6       | 8.4       | .26   | -.42  | -.56  |
| 2387.0                  | B              | 2.9          | 159.       | .1             | 109.         | 190.        | 7.6       | 8.5       | .34   | -.16  | -.25  |
| 2389.0                  | B              | 2.0          | 163.       | .1             | 109.         | 190.        | 7.6       | 8.7       | .23   | .03   | -.19  |
| 2395.0                  | B              | 6.2          | 175.       | .1             | 108.         | 188.        | 7.5       | 8.4       | .49   | -.52  | -.69  |
| 2397.0                  | B              | 9.1          | 140.       | .1             | 106.         | 183.        | 7.5       | 8.5       | 1.20  | -.03  | -.58  |
| 2399.1                  | B              | 15.0         | 176.       | .0             | 108.         | 173.        | 7.5       | 8.6       | .66   | -.75  | -1.93 |
| 2401.1                  | B              | 18.4         | 169.       | .0             | 113.         | 165.        | 7.5       | 8.7       | .78   | -.78  | -2.41 |
| 2403.1                  | C              | 26.2         | 187.       | .1             | 114.         | 165.        | 7.5       | 8.9       | -.26  | -.62  | -3.70 |
| 2405.1                  | B              | 9.5          | 165.       | .1             | 114.         | 164.        | 7.5       | 9.0       | -.05  | -.88  | -1.26 |
| 2407.1                  | B              | 8.7          | 177.       | .1             | 113.         | 163.        | 7.5       | 9.1       | .14   | -1.18 | -1.15 |
| 2409.1                  | B              | 6.1          | 135.       | .0             | 113.         | 164.        | 7.5       | 9.0       | .72   | -1.66 | -.54  |
| 2411.0                  | B              | .3           | 355.       | .1             | 113.         | 165.        | 7.5       | 9.0       | -.00  | -.03  | .04   |
| 2413.0                  | B              | .3           | 343.       | .1             | 114.         | 166.        | 7.5       | 9.0       | -.01  | -.13  | .03   |
| 2417.0                  | B              | 5.7          | 208.       | .1             | 114.         | 179.        | 7.5       | 9.2       | -.15  | -.13  | -.76  |
| 2419.0                  | B              | 4.9          | 179.       | .1             | 113.         | 184.        | 7.6       | 9.5       | .34   | -.14  | -.60  |
| 2421.0                  | C              | 3.3          | 77.        | .1             | 107.         | 185.        | 7.6       | 9.7       | .46   | -.02  | .26   |
| 2461.0                  | B              | 14.6         | 226.       | .1             | 134.         | 209.        | 7.7       | 9.0       | .11   | -.00  | -2.01 |
| 2482.7                  | C              | 33.1         | 32.        | .2             | 138.         | 183.        | 7.6       | 8.2       | .94   | 3.23  | 4.88  |
| 2506.9                  | B              | 16.2         | 347.       | .2             | 110.         | 182.        | 7.7       | 8.3       | -1.35 | 2.90  | 1.84  |
| 2509.0                  | B              | 16.8         | 303.       | .2             | 119.         | 184.        | 7.6       | 8.3       | -2.43 | 1.80  | .39   |
| 2523.0                  | C              | 15.2         | 299.       | .1             | 135.         | 185.        | 7.5       | 8.2       | -2.21 | .29   | .15   |
| 2525.0                  | C              | 1.8          | 122.       | .1             | 135.         | 182.        | 7.5       | 8.1       | .26   | -.03  | -.05  |
| 2527.0                  | B              | 4.3          | 93.        | .0             | 132.         | 169.        | 7.6       | 8.1       | .60   | -.01  | .05   |
| 2529.0                  | B              | 5.2          | 58.        | 0.0            | 133.         | 160.        | 7.6       | 8.3       | .65   | .03   | .35   |
| 2531.0                  | B              | 5.0          | 78.        | .0             | 135.         | 161.        | 7.6       | 8.4       | .71   | .27   | .14   |
| 2533.0                  | A              | 4.4          | 112.       | .1             | 129.         | 159.        | 7.5       | 8.4       | .60   | -.94  | -.24  |
| 2535.0                  | A              | 4.6          | 176.       | .2             | 128.         | 159.        | 7.5       | 8.3       | .03   | 0.00  | -.62  |
| 2537.0                  | B              | 1.4          | 192.       | .2             | 127.         | 164.        | 7.5       | 8.3       | .16   | -.04  | -.17  |
| 2539.0                  | A              | 2.3          | 63.        | .2             | 123.         | 174.        | 7.5       | 8.3       | .30   | -.01  | .15   |
| 2540.9                  | B              | 22.0         | 106.       | .1             | 124.         | 183.        | 7.5       | 8.3       | 3.36  | .02   | .31   |
| 2543.0                  | B              | 2.3          | 22.        | .2             | 128.         | 188.        | 7.6       | 8.4       | -.01  | .03   | .29   |
| 2545.0                  | B              | 2.1          | 19.        | .3             | 133.         | 187.        | 7.7       | 8.4       | -.00  | .38   | .26   |
| 2547.0                  | B              | 2.9          | 42.        | .2             | 135.         | 185.        | 7.7       | 8.6       | .16   | .90   | .35   |
| 2549.0                  | B              | 5.2          | 64.        | .2             | 132.         | 189.        | 7.7       | 8.7       | .50   | .44   | .55   |
| 2551.0                  | C              | 7.5          | 113.       | .3             | 133.         | 194.        | 7.7       | 8.5       | 1.13  | .46   | .17   |
| 2553.0                  | C              | 1.6          | 39.        | .3             | 140.         | 202.        | 7.7       | 8.3       | .03   | .68   | .20   |
| 2557.0                  | B              | 3.6          | 92.        | .2             | 156.         | 189.        | 7.4       | 8.3       | 1.14  | -.01  | .47   |
| 2559.0                  | B              | 3.6          | 27.        | .2             | 158.         | 186.        | 7.5       | 8.2       | .03   | -.05  | .46   |
| 2561.0                  | C              | 5.1          | 251.       | .1             | 161.         | 184.        | 7.5       | 8.2       | -.54  | -.53  | -.47  |
| 2573.1                  | C              | 27.4         | 225.       | .2             | 136.         | 108.        | 7.7       | 8.0       | -4.13 | .01   | .53   |
| 2574.9                  | B              | 19.7         | 27.        | .2             | 134.         | 105.        | 8.1       | 7.8       | 2.77  | .02   | .33   |
| 2593.0                  | A              | 30.5         | 321.       | .1             | 135.         | 84.         | 8.3       | 7.7       | 2.78  | -4.25 | 3.83  |

| CORRELATION<br>INTERVAL | CORR.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DRIFT<br>ANGLE | DRIFT<br>AZ. | AZ.<br>NO.1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|----------------|--------------|-------------|-----------|-----------|-------|-------|-------|
| 2610.9                  | C              | 21.3         | 12.        | .1             | 157.         | 137.        | 7.5       | 8.2       | 1.90  | -.00  | 2.33  |
| 2615.0                  | B              | 7.5          | 170.       | .1             | 160.         | 360.        | 7.5       | 8.0       | -.52  | -.00  | .87   |
| 2617.0                  | B              | 9.4          | 194.       | .1             | 160.         | 353.        | 7.6       | 7.8       | .03   | -.03  | 1.27  |
| 2619.0                  | B              | 9.2          | 185.       | .1             | 159.         | 344.        | 7.6       | 7.7       | .03   | -.58  | 1.24  |
| 2623.1                  | B              | 23.8         | 90.        | .2             | 160.         | 335.        | 7.6       | 7.7       | -3.39 | -.02  | .41   |
| 2624.9                  | B              | 6.9          | 146.       | .3             | 163.         | 333.        | 7.7       | 7.7       | -.42  | 1.24  | .87   |
| 2626.9                  | B              | 9.7          | 156.       | .2             | 163.         | 336.        | 7.7       | 7.7       | -.44  | 1.26  | 1.26  |
| 2631.0                  | C              | 3.4          | 197.       | .1             | 159.         | 344.        | 7.7       | 7.8       | .10   | .13   | .45   |
| 2655.0                  | B              | 11.3         | 162.       | .2             | 164.         | 338.        | 7.9       | 7.7       | -.40  | -.67  | 1.56  |
| 2656.9                  | B              | 5.7          | 167.       | .0             | 163.         | 339.        | 7.9       | 7.7       | .13   | 1.35  | .78   |
| 2663.9                  | C              | 25.7         | 137.       | .1             | 162.         | 341.        | 8.3       | 7.6       | -2.80 | .75   | 3.36  |
| 2688.9                  | C              | 18.0         | 211.       | .2             | 164.         | 345.        | 8.2       | 7.6       | 1.13  | .01   | 2.40  |
| 2697.0                  | C              | .9           | 17.        | .0             | 163.         | 349.        | 7.6       | 7.7       | -.02  | .52   | -.12  |
| 2707.0                  | C              | 7.7          | 125.       | .2             | 188.         | 286.        | 7.5       | 7.6       | .03   | .01   | 1.02  |
| 2713.0                  | C              | 34.5         | 45.        | .2             | 179.         | 246.        | 7.5       | 7.7       | -3.38 | .00   | 3.92  |
| 2719.1                  | C              | 19.3         | 245.       | .2             | 160.         | 216.        | 7.4       | 8.1       | -.48  | .00   | -2.58 |
| 2721.1                  | D              | 21.8         | 261.       | .2             | 162.         | 213.        | 7.4       | 8.2       | -1.55 | .01   | -2.63 |
| 2727.1                  | B              | 13.0         | 202.       | .2             | 159.         | 198.        | 7.5       | 7.9       | .49   | -1.05 | -1.68 |
| 2729.1                  | C              | 12.4         | 183.       | .2             | 162.         | 180.        | 7.5       | 7.7       | .45   | -1.12 | -1.61 |
| 2731.1                  | C              | 19.3         | 196.       | .2             | 160.         | 167.        | 7.5       | 7.7       | -.45  | -.80  | -2.59 |
| 2733.1                  | B              | 17.0         | 168.       | .2             | 160.         | 150.        | 7.5       | 7.8       | .04   | -.80  | -2.30 |
| 2735.0                  | C              | 16.1         | 156.       | .1             | 161.         | 137.        | 7.5       | 7.8       | -.01  | -.02  | -2.18 |
| 2739.0                  | B              | 24.6         | 220.       | .1             | 157.         | 111.        | 7.5       | 7.7       | -3.56 | 1.41  | -.03  |
| 2741.0                  | C              | 5.9          | 101.       | .1             | 157.         | 106.        | 7.5       | 7.7       | .31   | 1.28  | -.72  |
| 2743.0                  | B              | 9.6          | 146.       | .1             | 156.         | 91.         | 7.6       | 7.7       | -.77  | 1.25  | -1.04 |
| 2745.0                  | B              | 18.0         | 167.       | .0             | 157.         | 83.         | 7.6       | 7.7       | -2.26 | .68   | -1.08 |
| 2747.0                  | B              | 21.3         | 201.       | .0             | 160.         | 83.         | 7.6       | 7.7       | -2.98 | 1.23  | .47   |
| 2749.0                  | B              | 21.7         | 195.       | .0             | 162.         | 73.         | 7.6       | 7.7       | -3.00 | 1.18  | .68   |
| 2750.8                  | B              | 30.8         | 298.       | .1             | 163.         | 56.         | 7.5       | 7.7       | 3.12  | 1.77  | 3.29  |
| 2774.9                  | C              | 30.3         | 235.       | .0             | 138.         | 359.        | 7.5       | 8.4       | 2.93  | -.64  | 3.48  |
| 2776.9                  | C              | 31.2         | 237.       | .0             | 137.         | 359.        | 7.5       | 8.4       | 3.19  | -.84  | 3.52  |
| 2779.1                  | C              | 8.2          | 19.        | .0             | 136.         | 359.        | 7.5       | 8.3       | -.01  | -2.46 | -1.08 |
| 2782.8                  | C              | 26.1         | 160.       | .0             | 131.         | 360.        | 7.6       | 8.4       | -1.95 | 3.95  | 2.14  |
| 2790.9                  | B              | 18.7         | 205.       | 0.0            | 131.         | 360.        | 7.5       | 8.4       | .27   | .31   | 2.51  |
| 2792.9                  | B              | 18.6         | 206.       | 0.0            | 133.         | 360.        | 7.5       | 8.3       | .34   | .35   | 2.52  |
| 2795.0                  | B              | 9.6          | 147.       | 0.0            | 134.         | 360.        | 7.6       | 8.2       | -1.10 | .61   | .78   |
| 2797.0                  | C              | 14.8         | 159.       | 0.0            | 136.         | 360.        | 7.5       | 8.3       | -1.42 | 1.00  | 1.52  |
| 2799.0                  | C              | 17.7         | 165.       | 0.0            | 143.         | 360.        | 7.5       | 8.3       | -1.48 | .95   | 1.97  |
| 2804.9                  | B              | 29.3         | 197.       | 0.0            | 163.         | 358.        | 7.6       | 8.3       | -.01  | .85   | 4.25  |
| 2806.9                  | B              | 21.3         | 189.       | .2             | 160.         | 350.        | 7.5       | 8.3       | .02   | .94   | 2.95  |
| 2808.9                  | B              | 16.6         | 189.       | .5             | 152.         | 339.        | 7.5       | 8.3       | .46   | .39   | 2.25  |
| 2811.0                  | B              | 10.0         | 176.       | .6             | 140.         | 337.        | 7.5       | 8.3       | .02   | .03   | 1.40  |
| 2820.9                  | B              | 19.9         | 220.       | .1             | 140.         | 343.        | 7.6       | 8.3       | 1.87  | -.49  | 2.18  |
| 2822.9                  | B              | 17.6         | 212.       | 0.0            | 136.         | 349.        | 7.7       | 8.3       | 1.07  | .88   | 2.23  |
| 2824.9                  | C              | 13.2         | 239.       | .1             | 137.         | 357.        | 7.8       | 8.3       | 1.32  | 1.14  | 1.33  |
| 2827.1                  | C              | 14.3         | 264.       | .3             | 149.         | 360.        | 7.6       | 8.4       | 1.92  | -3.51 | .83   |
| 2830.9                  | B              | 17.9         | 212.       | .4             | 160.         | 360.        | 7.5       | 8.4       | .61   | 1.53  | 2.41  |
| 2832.9                  | C              | 11.9         | 170.       | .5             | 162.         | 352.        | 7.5       | 8.4       | -.65  | 1.88  | 1.54  |
| 2834.9                  | B              | 19.8         | 157.       | .5             | 175.         | 344.        | 7.6       | 8.3       | -1.29 | 1.93  | 2.54  |
| 2836.7                  | B              | 26.4         | 180.       | .5             | 187.         | 341.        | 7.5       | 8.2       | -.01  | 4.60  | 4.17  |
| 2838.8                  | C              | 34.0         | 323.       | .5             | 197.         | 340.        | 7.5       | 8.2       | 3.31  | 4.92  | -4.04 |
| 2843.2                  | C              | 13.0         | 103.       | .5             | 212.         | 336.        | 7.6       | 8.2       | -1.73 | -3.95 | .59   |
| 2854.8                  | C              | 20.2         | 235.       | .3             | 164.         | 246.        | 7.5       | 7.7       | 1.45  | 4.40  | -2.41 |
| 2857.0                  | C              | 17.3         | 193.       | .1             | 162.         | 229.        | 7.5       | 7.7       | 2.00  | -.05  | -1.34 |
| 2859.1                  | C              | 16.2         | 168.       | 0.0            | 160.         | 214.        | 7.5       | 7.7       | 1.57  | -1.79 | -1.55 |



| CORRELATION<br>INTERVAL | CORR.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DRIFT<br>ANGLE | DRIFT<br>AZ. | AZ.<br>NO. 1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|----------------|--------------|--------------|-----------|-----------|-------|-------|-------|
| 2861.1                  | B              | 13.3         | 217.       | 0.0            | 156.         | 196.         | 7.5       | 7.8       | -.07  | -.74  | -1.77 |
| 2863.1                  | C              | 13.2         | 203.       | 0.0            | 143.         | 181.         | 7.5       | 8.0       | -.09  | -.52  | -1.75 |
| 2864.9                  | C              | 17.9         | 207.       | .1             | 140.         | 170.         | 7.5       | 8.2       | -.83  | 2.97  | -2.31 |
| 2866.9                  | B              | 20.7         | 351.       | .3             | 140.         | 164.         | 7.5       | 8.2       | -.63  | .67   | 2.76  |
| 2869.0                  | A              | 4.5          | 225.       | .3             | 146.         | 163.         | 7.6       | 8.2       | -.43  | -.12  | -.48  |
| 2871.0                  | B              | 5.5          | 224.       | .0             | 162.         | 161.         | 7.5       | 8.2       | -.55  | -.30  | -.53  |
| 2873.0                  | B              | 11.7         | 127.       | 0.0            | 179.         | 158.         | 7.5       | 8.2       | 1.29  | -.57  | -1.00 |
| 2879.2                  | C              | 29.6         | 195.       | .4             | 183.         | 123.         | 7.5       | 7.8       | -3.61 | -.74  | -2.58 |
| 2885.1                  | B              | 6.0          | 168.       | .5             | 188.         | 84.          | 7.5       | 8.1       | -.85  | -1.21 | -.33  |
| 2887.1                  | C              | 9.7          | 165.       | .5             | 187.         | 72.          | 7.5       | 8.0       | -1.38 | -2.08 | -.33  |
| 2891.0                  | B              | 11.2         | 164.       | .5             | 189.         | 53.          | 7.6       | 7.9       | -1.61 | 1.56  | .09   |
| 2901.0                  | A              | 2.7          | 203.       | .3             | 177.         | 346.         | 10.0      | 9.9       | .15   | .54   | .50   |
| 2903.0                  | A              | 1.6          | 300.       | .5             | 167.         | 360.         | 14.0      | 13.9      | .34   | -.15  | .04   |
| 2905.0                  | A              | 1.2          | 306.       | .7             | 172.         | 356.         | 15.6      | 15.7      | .30   | -.25  | .07   |
| 2907.0                  | A              | 1.7          | 360.       | .5             | 168.         | 330.         | 11.5      | 11.5      | -.03  | .01   | -.24  |
| 2909.0                  | A              | 1.0          | 353.       | .1             | 167.         | 312.         | 7.6       | 7.6       | -.04  | -.02  | -.11  |
| 2911.1                  | B              | 17.3         | 53.        | .1             | 180.         | 309.         | 7.6       | 7.8       | -2.42 | -.03  | -.03  |
| 2919.0                  | B              | 15.5         | 182.       | .2             | 182.         | 252.         | 7.5       | 7.7       | 2.15  | .00   | -.04  |
| 2921.0                  | B              | 15.6         | 161.       | .1             | 186.         | 231.         | 7.5       | 7.7       | 2.17  | -.01  | -.03  |
| 2923.3                  | C              | 20.5         | 280.       | .1             | 187.         | 217.         | 7.5       | 7.7       | -2.01 | -4.15 | -2.02 |
| 2935.1                  | C              | 32.9         | 205.       | .1             | 187.         | 126.         | 7.5       | 7.8       | -4.36 | .01   | -2.44 |
| 2937.1                  | B              | 29.7         | 147.       | .1             | 181.         | 114.         | 7.5       | 7.7       | -1.06 | .02   | -4.15 |
| 2947.0                  | C              | 4.3          | 147.       | .1             | 158.         | 40.          | 7.5       | 8.2       | -.62  | .58   | -.02  |
| 2949.0                  | B              | 17.5         | 124.       | .1             | 164.         | 33.          | 7.5       | 8.1       | -2.43 | .48   | -.74  |
| 2951.0                  | B              | 17.7         | 123.       | .1             | 176.         | 27.          | 7.5       | 7.9       | -2.46 | .58   | -.53  |
| 2953.0                  | A              | 11.5         | 131.       | .1             | 187.         | 13.          | 7.5       | 7.7       | -1.56 | .63   | .25   |
| 2970.9                  | C              | 14.4         | 205.       | .0             | 182.         | 275.         | 7.5       | 7.7       | 1.98  | 1.28  | -.01  |
| 2973.0                  | C              | 22.5         | 161.       | .0             | 183.         | 258.         | 7.5       | 7.7       | 2.85  | -1.67 | 1.37  |
| 2975.0                  | B              | 20.7         | 151.       | .0             | 183.         | 246.         | 7.5       | 7.6       | 2.64  | -1.65 | 1.17  |
| 2977.0                  | B              | 27.8         | 152.       | .0             | 180.         | 228.         | 7.5       | 7.7       | 4.06  | -1.47 | .37   |
| 2979.1                  | C              | 32.4         | 179.       | .0             | 180.         | 215.         | 7.5       | 7.8       | 4.06  | -3.71 | -2.72 |
| 2989.1                  | C              | 23.4         | 192.       | .1             | 181.         | 148.         | 7.6       | 7.7       | -1.42 | -1.10 | -2.99 |
| 2996.9                  | C              | 29.2         | 260.       | .0             | 181.         | 91.          | 7.5       | 8.0       | -.83  | 1.50  | 4.10  |
| 2999.0                  | C              | 12.4         | 153.       | .0             | 182.         | 77.          | 7.5       | 7.9       | -1.06 | 1.42  | -1.31 |
| 3001.1                  | B              | 23.7         | 114.       | .0             | 185.         | 65.          | 7.5       | 7.8       | -1.69 | 1.04  | -2.86 |
| 3003.1                  | C              | 29.2         | 100.       | .0             | 188.         | 48.          | 7.6       | 7.7       | -2.34 | 1.39  | -3.54 |
| 3004.9                  | B              | 19.3         | 189.       | .0             | 195.         | 36.          | 7.6       | 7.7       | -1.95 | 1.74  | 1.85  |
| 3007.0                  | B              | 15.2         | 202.       | .0             | 204.         | 20.          | 7.5       | 7.9       | -.62  | -.02  | 1.96  |
| 3008.9                  | B              | 24.5         | 249.       | .0             | 207.         | 59.          | 7.5       | 7.9       | -.61  | .65   | 3.39  |
| 3014.9                  | C              | 20.7         | 187.       | .1             | 203.         | 355.         | 7.5       | 7.8       | -.35  | 1.25  | 2.83  |
| 3016.9                  | B              | 16.5         | 183.       | .1             | 205.         | 345.         | 7.5       | 7.8       | -.03  | .75   | 2.52  |
| 3018.9                  | C              | 16.0         | 204.       | .1             | 197.         | 330.         | 7.5       | 7.9       | 1.31  | .02   | 1.77  |
| 3020.9                  | C              | 22.4         | 209.       | .2             | 189.         | 317.         | 7.5       | 8.1       | 2.69  | -.03  | 1.85  |
| 3022.9                  | B              | 22.4         | 191.       | .2             | 187.         | 301.         | 7.5       | 8.2       | 2.66  | -.50  | 1.95  |
| 3029.0                  | B              | 17.2         | 196.       | .5             | 184.         | 276.         | 7.5       | 8.3       | 2.60  | -.75  | .33   |
| 3031.0                  | C              | 3.0          | 49.        | .6             | 184.         | 259.         | 7.5       | 8.0       | -.24  | -.83  | .24   |
| 3033.0                  | C              | 22.7         | 22.        | .6             | 183.         | 244.         | 7.5       | 7.7       | -2.74 | 1.48  | 1.47  |
| 3039.0                  | B              | 4.3          | 51.        | .2             | 183.         | 213.         | 7.6       | 7.7       | .01   | -1.37 | .55   |
| 3041.1                  | B              | 8.7          | 234.       | .2             | 185.         | 212.         | 7.7       | 7.7       | -.05  | -1.30 | -1.19 |
| 3043.1                  | B              | 8.0          | 229.       | .2             | 187.         | 205.         | 7.7       | 7.7       | -.08  | -1.32 | -1.10 |
| 3045.1                  | B              | 10.6         | 194.       | .2             | 195.         | 191.         | 7.7       | 7.8       | .40   | -1.85 | -1.41 |
| 3047.0                  | C              | 17.3         | 33.        | .2             | 205.         | 180.         | 7.6       | 7.9       | .59   | -1.96 | 2.28  |
| 3060.9                  | C              | 19.1         | 268.       | .1             | 191.         | 79.          | 7.5       | 8.0       | -.49  | .70   | 2.58  |
| 3071.0                  | C              | 12.5         | 210.       | .2             | 208.         | 13.          | 7.6       | 7.8       | -.03  | -.01  | 1.70  |
| 3073.1                  | C              | 25.6         | 166.       | .2             | 210.         | 57.          | 7.5       | 7.8       | -3.76 | -.51  | .03   |

|        |   |      |      |    |      |      |     |     |       |       |       |
|--------|---|------|------|----|------|------|-----|-----|-------|-------|-------|
| 3075.1 | C | 21.1 | 278. | .2 | 213. | 236. | 7.5 | 7.7 | -1.17 | -1.08 | -2.69 |
| 3077.0 | B | 27.0 | 134. | .3 | 215. | 360. | 7.5 | 7.9 | -3.65 | 1.88  | 1.62  |
| 3078.9 | B | 21.8 | 191. | .4 | 216. | 357. | 7.5 | 8.2 | -.25  | 1.73  | 3.03  |
| 3080.9 | C | 19.1 | 189. | .5 | 216. | 347. | 7.5 | 8.2 | .21   | .85   | 2.64  |
| 3082.9 | B | 12.9 | 202. | .7 | 215. | 337. | 7.5 | 8.2 | .90   | .50   | 1.59  |
| 3084.9 | B | 14.1 | 179. | .7 | 214. | 326. | 7.5 | 8.2 | .60   | -.00  | 1.87  |
| 3087.0 | B | 12.3 | 186. | .7 | 212. | 315. | 7.5 | 8.2 | 1.06  | -.03  | 1.40  |
| 3088.9 | C | 16.0 | 185. | .7 | 210. | 305. | 7.5 | 8.2 | 1.64  | .38   | 1.63  |
| 3091.1 | B | 7.9  | 107. | .7 | 209. | 292. | 7.5 | 8.1 | -.36  | -2.54 | .94   |
| 3093.1 | A | 8.2  | 339. | .5 | 207. | 277. | 7.5 | 7.9 | -.71  | -2.80 | -.82  |
| 3095.0 | B | 16.5 | 264. | .3 | 203. | 261. | 7.5 | 7.8 | 2.28  | -.76  | -.55  |
| 3103.0 | C | 16.2 | 177. | .4 | 195. | 212. | 7.6 | 7.7 | 1.84  | -.30  | -1.35 |
| 3105.0 | B | 19.1 | 179. | .4 | 203. | 206. | 7.6 | 7.9 | 1.97  | -.93  | -1.88 |
| 3107.0 | B | 16.3 | 162. | .3 | 203. | 194. | 7.7 | 8.1 | 2.07  | -1.16 | -1.64 |
| 3109.0 | C | 31.3 | 122. | .3 | 202. | 183. | 7.7 | 8.1 | 4.93  | -.94  | -.86  |
| 3137.0 | C | 13.0 | 173. | .2 | 207. | 15.  | 7.6 | 7.9 | -1.19 | -.90  | 1.35  |
| 3139.0 | C | 12.2 | 162. | .2 | 202. | 23.  | 7.6 | 8.1 | -1.15 | -.78  | 1.27  |
| 3146.9 | C | 29.4 | 256. | .3 | 206. | 352. | 7.5 | 7.7 | 3.96  | -.02  | 1.85  |
| 3148.8 | C | 27.8 | 229. | .2 | 206. | 344. | 7.5 | 7.7 | 2.99  | 1.46  | 2.75  |
| 3150.8 | C | 32.5 | 188. | .2 | 206. | 331. | 7.5 | 7.8 | 1.50  | 1.71  | 4.56  |
| 3153.0 | B | 16.1 | 209. | .2 | 207. | 318. | 7.5 | 8.0 | 1.83  | -.55  | 1.36  |
| 3155.0 | C | 16.1 | 228. | .3 | 203. | 308. | 7.5 | 8.0 | 2.32  | -1.31 | .33   |
| 3157.0 | C | 15.7 | 217. | .3 | 199. | 297. | 7.5 | 7.8 | 2.20  | -1.56 | .34   |
| 3159.0 | B | 11.6 | 172. | .3 | 201. | 287. | 7.5 | 7.8 | 1.19  | -.91  | 1.07  |
| 3161.0 | B | 14.9 | 205. | .3 | 200. | 287. | 7.5 | 8.1 | 2.15  | -1.26 | .38   |
| 3163.0 | B | 21.1 | 229. | .3 | 193. | 281. | 7.5 | 8.0 | 2.98  | -1.30 | -.94  |
| 3165.0 | B | 15.5 | 195. | .3 | 189. | 267. | 7.5 | 7.9 | 2.25  | -.83  | .02   |
| 3166.9 | B | 19.0 | 153. | .3 | 188. | 261. | 7.5 | 8.0 | 2.23  | .24   | 1.58  |
| 3171.0 | B | 21.9 | 209. | .3 | 189. | 251. | 7.5 | 7.9 | 2.84  | -1.88 | -1.46 |
| 3173.1 | C | 20.2 | 196. | .3 | 190. | 238. | 7.5 | 7.7 | 2.53  | -2.46 | -1.35 |
| 3175.9 | C | 13.2 | 213. | .2 | 189. | 224. | 7.5 | 7.9 | .94   | -.85  | -1.55 |
| 3177.1 | B | 14.9 | 206. | .2 | 188. | 213. | 7.6 | 8.1 | .95   | -1.37 | -1.83 |
| 3179.1 | B | 14.0 | 204. | .2 | 187. | 200. | 7.5 | 8.1 | .54   | -1.55 | -1.85 |
| 3181.1 | B | 24.7 | 198. | .2 | 185. | 190. | 7.5 | 7.9 | .63   | -1.53 | -3.43 |
| 3185.1 | B | 10.0 | 153. | .2 | 184. | 167. | 7.5 | 7.8 | .72   | -1.70 | -1.14 |
| 3187.1 | C | 9.5  | 151. | .2 | 182. | 159. | 7.5 | 7.8 | .59   | -1.74 | -1.13 |
| 3189.1 | B | 11.4 | 179. | .1 | 183. | 158. | 7.5 | 7.8 | -.07  | -.65  | -1.53 |
| 3191.1 | B | 10.6 | 170. | .1 | 188. | 149. | 7.5 | 7.7 | -.06  | -.76  | -1.43 |
| 3198.9 | C | 5.6  | 54.  | .2 | 188. | 137. | 7.7 | 7.8 | .76   | .83   | .14   |
| 3201.0 | B | 5.5  | 255. | .2 | 189. | 134. | 7.7 | 7.8 | -.75  | .58   | .14   |
| 3203.1 | C | 29.7 | 167. | .2 | 189. | 134. | 7.9 | 7.8 | -1.11 | -.03  | -4.28 |
| 3213.1 | B | 21.5 | 198. | .3 | 188. | 132. | 7.7 | 8.0 | -2.39 | -1.00 | -2.04 |
| 3215.1 | A | 17.7 | 168. | .3 | 188. | 129. | 7.6 | 7.9 | -.88  | -.83  | -2.32 |
| 3217.1 | B | 11.4 | 146. | .2 | 184. | 129. | 7.6 | 7.8 | .03   | -.80  | -1.55 |
| 3219.0 | C | 9.7  | 70.  | .2 | 182. | 128. | 7.6 | 7.7 | 1.27  | -.76  | -.31  |
| 3223.0 | B | 3.9  | 93.  | .2 | 181. | 110. | 7.7 | 7.9 | .71   | .83   | -.99  |
| 3224.9 | C | 7.5  | 311. | .2 | 182. | 108. | 7.7 | 7.8 | .04   | .77   | 1.01  |
| 3226.9 | C | 7.6  | 310. | .2 | 184. | 98.  | 7.6 | 7.9 | .21   | .78   | 1.00  |
| 3229.0 | B | 16.6 | 197. | .2 | 182. | 81.  | 7.5 | 8.0 | -2.71 | 1.17  | .31   |
| 3231.0 | C | 11.5 | 165. | .2 | 180. | 68.  | 7.5 | 7.9 | -1.62 | .84   | -.29  |
| 3233.0 | C | 12.5 | 191. | .2 | 180. | 58.  | 7.5 | 7.8 | -1.60 | 1.01  | .71   |
| 3235.0 | A | 14.3 | 159. | .2 | 181. | 51.  | 7.5 | 7.9 | -2.04 | 1.24  | -.01  |
| 3237.0 | C | 21.2 | 115. | .2 | 182. | 37.  | 7.5 | 8.0 | -2.67 | 1.30  | -1.49 |
| 3239.0 | C | 21.4 | 64.  | .2 | 186. | 31.  | 7.5 | 8.1 | -1.76 | 2.91  | -2.43 |
| 3246.8 | C | 22.9 | 256. | .2 | 185. | 3.   | 7.5 | 8.3 | 2.84  | 1.92  | 1.89  |
| 3252.9 | B | 6.0  | 161. | .2 | 182. | 5.   | 7.5 | 8.2 | -.78  | 1.87  | .80   |
| 3271.0 | C | 25.5 | 130. | .3 | 182. | 357. | 7.5 | 7.8 | -3.42 | .71   | 1.47  |
| 3277.1 | B | 24.2 | 161. | .2 | 184. | 338. | 7.6 | 7.7 | -.95  | -2.45 | 3.33  |
| 3278.9 | B | 19.6 | 161. | .2 | 190. | 329. | 7.7 | 7.8 | -.31  | 1.84  | 2.77  |
| 3280.8 | C | 17.7 | 163. | .2 | 192. | 316. | 7.6 | 7.9 | .35   | 2.80  | 2.42  |
| 3287.0 | C | 29.4 | 213. | .1 | 182. | 311. | 7.6 | 7.9 | 3.97  | -1.93 | 1.95  |

| CORRELATION<br>INTERVAL | CORR.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DRFI<br>ANGLE | DRFI<br>AZ. | AZ.<br>NO. 1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|---------------|-------------|--------------|-----------|-----------|-------|-------|-------|
| 3321.0                  | C              | 16.9         | 176.       | .2            | 190.        | 302.         | 8.0       | 8.1       | 1.44  | -1.95 | 2.00  |
| 3323.0                  | C              | 8.9          | 256.       | .3            | 188.        | 301.         | 8.0       | 8.1       | 1.17  | -.49  | -.55  |
| 3325.0                  | C              | 7.8          | 232.       | .3            | 188.        | 301.         | 8.0       | 8.1       | 1.15  | -.01  | -.03  |
| 3327.1                  | C              | 4.9          | 323.       | .3            | 189.        | 302.         | 8.1       | 8.0       | .01   | -1.66 | -.67  |
| 3329.1                  | R              | 6.3          | 48.        | .3            | 189.        | 302.         | 8.2       | 8.0       | -.85  | -2.09 | -.03  |
| 3336.9                  | C              | 10.4         | 195.       | .3            | 187.        | 305.         | 8.3       | 8.0       | 1.17  | .46   | .98   |
| 3348.9                  | C              | 12.9         | 182.       | .3            | 187.        | 305.         | 8.3       | 8.0       | 1.15  | -.02  | 1.52  |
| 3351.0                  | R              | 9.2          | 203.       | .3            | 188.        | 305.         | 8.2       | 8.0       | 1.15  | -.02  | .70   |
| 3352.9                  | R              | 14.6         | 165.       | .3            | 189.        | 304.         | 8.3       | 8.0       | .81   | -.02  | 2.02  |
| 3354.9                  | C              | 21.7         | 165.       | .3            | 190.        | 304.         | 8.2       | 8.0       | 1.23  | .02   | 3.05  |
| 3359.0                  | C              | 7.8          | 283.       | .3            | 197.        | 305.         | 8.1       | 8.0       | .76   | -.03  | -.84  |
| 3361.1                  | C              | 8.0          | 235.       | .3            | 199.        | 304.         | 8.2       | 8.0       | 1.17  | -2.62 | -.03  |
| 3367.1                  | C              | 13.7         | 246.       | .3            | 201.        | 305.         | 8.2       | 8.0       | 2.70  | -3.56 | -.56  |
| 3368.9                  | A              | 26.7         | 206.       | .3            | 201.        | 306.         | 8.1       | 8.0       | 3.55  | -.04  | 2.02  |
| 3371.0                  | R              | 17.6         | 222.       | .3            | 201.        | 307.         | 8.1       | 8.0       | 2.51  | -.40  | .66   |
| 3373.0                  | R              | 4.9          | 189.       | .3            | 201.        | 308.         | 8.1       | 8.1       | .50   | .05   | .52   |
| 3376.8                  | C              | 17.1         | 185.       | .3            | 198.        | 306.         | 8.2       | 8.0       | 1.64  | 1.87  | 1.96  |
| 3393.0                  | R              | 10.9         | 258.       | .3            | 201.        | 304.         | 8.1       | 8.1       | 1.47  | -.01  | -.64  |
| 3405.0                  | R              | 15.2         | 209.       | .3            | 204.        | 311.         | 8.3       | 8.1       | 1.94  | -.75  | 1.18  |
| 3411.0                  | R              | 19.3         | 73.        | .3            | 204.        | 313.         | 8.1       | 8.1       | -2.74 | .52   | .56   |
| 3413.1                  | C              | 15.3         | 75.        | .4            | 204.        | 315.         | 8.1       | 8.1       | -2.13 | -2.58 | .47   |
| 3426.9                  | C              | 27.5         | 245.       | .4            | 210.        | 325.         | 8.2       | 8.1       | 4.24  | -.00  | .67   |
| 3428.9                  | R              | 26.3         | 269.       | .4            | 213.        | 315.         | 8.1       | 8.1       | 3.68  | 2.23  | -1.72 |
| 3455.0                  | C              | 11.0         | 176.       | .4            | 224.        | 120.         | 7.9       | 8.1       | -1.00 | .01   | -1.21 |
| 3462.9                  | C              | 24.6         | 265.       | .5            | 221.        | 61.          | 7.9       | 8.1       | .32   | -.03  | 3.67  |
| 3466.9                  | R              | 5.2          | 229.       | .5            | 220.        | 33.          | 7.9       | 8.1       | -.03  | 2.09  | .79   |
| 3468.9                  | C              | 9.1          | 188.       | .5            | 220.        | 19.          | 7.9       | 8.1       | -.61  | 1.16  | 1.17  |
| 3472.9                  | C              | 13.1         | 153.       | .6            | 222.        | 318.         | 7.9       | 8.1       | -.04  | .65   | 1.83  |
| 3477.0                  | C              | 26.5         | 17.        | .6            | 225.        | 357.         | 7.8       | 8.1       | -.01  | 2.05  | -3.82 |
| 3479.1                  | C              | 25.1         | 48.        | .7            | 227.        | 348.         | 7.8       | 8.1       | -2.43 | .03   | -2.70 |
| 3481.0                  | C              | 17.5         | 341.       | .7            | 226.        | 333.         | 7.9       | 8.1       | .57   | .00   | -2.40 |
| 3483.0                  | C              | 16.6         | 323.       | .7            | 224.        | 316.         | 7.9       | 8.1       | .60   | .02   | -2.29 |
| 3490.9                  | C              | 23.7         | 172.       | .7            | 228.        | 258.         | 7.9       | 8.1       | 3.49  | .79   | .81   |
| 3497.0                  | C              | 21.1         | 169.       | .6            | 227.        | 222.         | 7.8       | 8.1       | 2.97  | .01   | -1.02 |
| 3509.1                  | C              | 16.2         | 178.       | .5            | 210.        | 147.         | 7.9       | 8.1       | -.54  | -1.08 | -2.29 |
| 3515.1                  | R              | 12.1         | 180.       | .6            | 210.        | 118.         | 7.9       | 8.1       | -1.26 | -.24  | -1.23 |
| 3517.1                  | R              | 19.1         | 168.       | .6            | 214.        | 106.         | 7.9       | 8.1       | -1.98 | .32   | -1.98 |
| 3519.0                  | R              | 16.7         | 188.       | .6            | 216.        | 93.          | 7.9       | 8.1       | -2.44 | .84   | -.52  |
| 3521.0                  | C              | 7.9          | 188.       | .6            | 219.        | 83.          | 7.9       | 8.1       | -1.18 | -.01  | -.01  |
| 3523.1                  | C              | 12.6         | 181.       | .6            | 222.        | 73.          | 7.9       | 8.1       | -1.66 | -1.51 | .02   |
| 3525.0                  | R              | 24.6         | 179.       | .6            | 226.        | 61.          | 7.9       | 8.1       | -3.72 | 1.53  | .55   |
| 3555.0                  | C              | 6.7          | 193.       | 1.1           | 225.        | 274.         | 7.9       | 8.1       | 1.06  | .02   | -.01  |
| 3556.9                  | C              | 16.5         | 120.       | 1.1           | 224.        | 265.         | 7.9       | 8.1       | .76   | .02   | 2.14  |
| 3575.1                  | R              | 16.7         | 166.       | 1.0           | 221.        | 197.         | 7.8       | 8.1       | 1.80  | -1.66 | -1.64 |
| 3577.1                  | C              | 14.2         | 170.       | .9            | 221.        | 190.         | 7.8       | 8.1       | 1.23  | -1.76 | -1.65 |
| 3581.0                  | R              | 32.1         | 240.       | .8            | 222.        | 176.         | 7.8       | 8.1       | -3.69 | 2.63  | -3.58 |
| 3583.1                  | R              | 20.2         | 196.       | .8            | 223.        | 171.         | 7.8       | 8.1       | -.36  | -1.15 | -2.95 |
| 3585.1                  | R              | 21.0         | 194.       | .7            | 225.        | 168.         | 7.8       | 8.1       | -.45  | -1.17 | -3.05 |
| 3587.1                  | C              | 23.2         | 185.       | .7            | 227.        | 167.         | 7.8       | 8.1       | -.03  | -.58  | -3.41 |
| 3593.0                  | R              | 24.1         | 123.       | .9            | 228.        | 167.         | 8.0       | 8.1       | 3.10  | -.01  | -1.71 |
| 3594.9                  | C              | 20.5         | 82.        | 1.0           | 227.        | 167.         | 8.0       | 8.1       | 2.81  | .02   | .68   |
| 3597.0                  | C              | 10.4         | 182.       | 1.0           | 226.        | 167.         | 8.1       | 8.1       | -.01  | -.00  | -1.55 |
| 3599.0                  | C              | 10.6         | 11.        | 1.0           | 225.        | 167.         | 8.1       | 8.1       | .01   | .02   | 1.43  |
| 3601.0                  | C              | 12.7         | 61.        | 1.0           | 224.        | 167.         | 8.1       | 8.1       | 1.57  | .02   | .97   |
| 3603.0                  | C              | 6.1          | 16.        | 1.0           | 223.        | 168.         | 8.1       | 8.1       | .01   | -.01  | .77   |

| CORRELATION<br>INTERVAL | CURV.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DRIFT<br>ANGLE | DRIFT<br>AZ. | AZ.<br>NO. 1 | DIA<br>1,3 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|----------------|--------------|--------------|------------|-----------|-------|-------|-------|
| 3605.1                  | C              | 16.2         | 166.       | 1.0            | 222.         | 169.         | 8.2        | 8.1       | -.01  | -.01  | -2.46 |
| 3607.0                  | C              | 14.0         | 153.       | 1.0            | 221.         | 170.         | 8.2        | 8.1       | .92   | .00   | -1.84 |
| 3609.1                  | C              | 17.9         | 239.       | 1.0            | 221.         | 171.         | 8.2        | 8.1       | -2.09 | -.01  | -1.84 |
| 3611.1                  | C              | 11.0         | 222.       | 1.0            | 222.         | 175.         | 8.2        | 8.1       | -.85  | -.72  | -1.51 |
| 3613.1                  | B              | 9.6          | 195.       | 1.0            | 222.         | 179.         | 8.2        | 8.1       | -.01  | -1.11 | -1.53 |
| 3615.1                  | B              | 15.7         | 179.       | 1.0            | 223.         | 182.         | 8.3        | 8.1       | .76   | -2.08 | -2.26 |
| 3617.1                  | B              | 13.8         | 176.       | 1.0            | 223.         | 183.         | 8.3        | 8.1       | .77   | -1.76 | -1.95 |
| 3623.1                  | C              | 14.3         | 197.       | 1.0            | 227.         | 181.         | 8.2        | 8.1       | .01   | -1.65 | -2.20 |
| 3625.0                  | C              | 2.8          | 164.       | 1.0            | 229.         | 181.         | 8.2        | 8.1       | .01   | -.02  | -.48  |
| 3627.1                  | C              | 7.1          | 166.       | .9             | 230.         | 180.         | 8.1        | 8.1       | .45   | -1.26 | -.92  |
| 3631.0                  | B              | 9.9          | 195.       | .8             | 228.         | 179.         | 8.0        | 8.1       | -.01  | -.01  | -1.46 |
| 3633.0                  | B              | 6.0          | 194.       | .7             | 227.         | 179.         | 7.9        | 8.1       | -.02  | 1.23  | -.90  |
| 3635.0                  | B              | 20.9         | 245.       | .6             | 226.         | 178.         | 7.9        | 8.1       | -2.40 | 1.18  | -2.08 |
| 3638.9                  | B              | 14.9         | 309.       | .8             | 227.         | 169.         | 8.0        | 8.1       | -1.95 | 3.51  | 1.04  |
| 3641.1                  | B              | 18.7         | 231.       | .6             | 229.         | 160.         | 7.9        | 8.1       | -2.28 | -.01  | -1.69 |
| 3643.1                  | B              | 20.2         | 237.       | .8             | 229.         | 146.         | 7.9        | 8.1       | -2.97 | -.01  | -.90  |
| 3647.1                  | C              | 15.3         | 161.       | .8             | 229.         | 126.         | 7.8        | 8.1       | -.74  | -.02  | -2.04 |
| 3649.1                  | C              | 15.5         | 176.       | .8             | 229.         | 119.         | 7.9        | 8.1       | -1.51 | -.01  | -1.66 |
| 3651.0                  | B              | 9.1          | 127.       | .8             | 229.         | 112.         | 7.9        | 8.1       | -.01  | -.00  | -1.20 |
| 3653.0                  | B              | 8.2          | 121.       | .9             | 229.         | 106.         | 7.9        | 8.2       | -.01  | -.01  | -1.05 |
| 3655.0                  | B              | 5.9          | 206.       | 1.0            | 230.         | 103.         | 7.9        | 8.2       | -.95  | -.01  | -.01  |
| 3671.1                  | C              | 30.6         | 155.       | 1.0            | 232.         | 100.         | 7.9        | 8.4       | -2.99 | 1.41  | -3.68 |
| 3673.1                  | B              | 17.0         | 155.       | 1.0            | 232.         | 101.         | 7.9        | 8.2       | -1.54 | -.02  | -1.89 |
| 3675.1                  | B              | 17.7         | 155.       | 1.0            | 233.         | 101.         | 7.8        | 8.1       | -1.60 | -.04  | -1.95 |
| 3677.0                  | B              | 24.9         | 64.        | .9             | 233.         | 98.          | 7.9        | 8.1       | 2.89  | -.00  | -2.10 |
| 3681.1                  | B              | 13.5         | 176.       | .9             | 234.         | 91.          | 7.9        | 8.1       | -1.87 | .01   | -.66  |
| 3683.1                  | B              | 16.9         | 175.       | .9             | 234.         | 86.          | 7.9        | 8.2       | -2.69 | .55   | -.86  |
| 3685.1                  | C              | 25.8         | 178.       | .8             | 234.         | 83.          | 7.9        | 8.2       | -3.90 | 1.16  | -.83  |
| 3689.1                  | C              | 13.8         | 131.       | .9             | 234.         | 81.          | 7.9        | 8.3       | -1.10 | .01   | -1.55 |
| 3691.0                  | B              | 10.8         | 171.       | .9             | 234.         | 81.          | 7.9        | 8.3       | -1.55 | .71   | -.38  |
| 3693.0                  | B              | 11.1         | 164.       | .9             | 234.         | 81.          | 7.8        | 8.3       | -1.52 | .03   | -.55  |
| 3695.0                  | A              | 7.2          | 130.       | .9             | 233.         | 81.          | 7.8        | 8.2       | -.58  | -.02  | -.74  |
| 3697.0                  | B              | 6.6          | 158.       | .9             | 233.         | 80.          | 7.8        | 8.2       | -.37  | .26   | -.36  |
| 3699.0                  | B              | 10.3         | 184.       | 1.0            | 233.         | 79.          | 7.9        | 8.2       | -1.55 | 1.12  | -.00  |
| 3701.0                  | C              | 3.6          | 171.       | 1.0            | 233.         | 79.          | 7.9        | 8.2       | -.56  | .77   | -.03  |
| 3709.0                  | A              | 12.5         | 164.       | 1.0            | 232.         | 81.          | 7.9        | 8.3       | -1.72 | .01   | -.65  |
| 3711.0                  | B              | 1.0          | 72.        | 1.0            | 232.         | 82.          | 7.9        | 8.4       | -.00  | -.00  | -.01  |
| 3713.0                  | B              | 6.0          | 98.        | .9             | 232.         | 83.          | 7.9        | 8.4       | -.01  | -.00  | -.71  |
| 3715.1                  | C              | 16.1         | 100.       | .9             | 232.         | 82.          | 7.9        | 8.4       | -.00  | .00   | -2.44 |
| 3717.0                  | B              | 13.1         | 99.        | .9             | 233.         | 81.          | 7.9        | 8.4       | -.01  | 1.02  | -1.72 |
| 3719.0                  | B              | 14.7         | 98.        | .9             | 234.         | 80.          | 7.8        | 8.5       | -.01  | 1.03  | -1.95 |
| 3721.0                  | B              | 15.7         | 151.       | .9             | 233.         | 80.          | 7.8        | 8.5       | -1.93 | .73   | -1.25 |
| 3723.1                  | B              | 21.6         | 154.       | .9             | 233.         | 80.          | 7.8        | 8.4       | -2.78 | .72   | -1.68 |
| 3724.9                  | C              | 16.5         | 54.        | .9             | 233.         | 81.          | 7.8        | 8.5       | 1.71  | 3.02  | -1.50 |
| 3726.9                  | C              | 11.0         | 186.       | 1.0            | 232.         | 82.          | 7.8        | 8.5       | -1.72 | 4.44  | -.00  |
| 3728.7                  | B              | 24.6         | 13.        | 1.0            | 232.         | 82.          | 7.8        | 8.5       | 3.79  | 4.51  | -.00  |
| 3731.0                  | C              | 3.6          | 93.        | 1.0            | 233.         | 81.          | 7.8        | 8.5       | -.00  | -.00  | -.37  |
| 3733.0                  | C              | .9           | 76.        | .9             | 233.         | 81.          | 7.8        | 8.5       | -.01  | -.00  | -.01  |
| 3735.0                  | C              | 14.1         | 173.       | .9             | 234.         | 81.          | 7.8        | 8.5       | -2.11 | .68   | -.45  |
| 3737.0                  | C              | 15.1         | 171.       | .9             | 233.         | 81.          | 7.8        | 8.6       | -2.26 | .57   | -.56  |
| 3738.9                  | C              | 22.5         | 281.       | 1.0            | 233.         | 81.          | 7.8        | 8.5       | -.02  | .01   | 3.36  |
| 3740.8                  | C              | 22.1         | 280.       | 1.0            | 233.         | 80.          | 7.8        | 8.4       | -.02  | 3.89  | 3.32  |
| 3748.9                  | C              | 21.1         | 219.       | .9             | 234.         | 79.          | 7.9        | 8.4       | -2.89 | 3.54  | 1.64  |
| 3751.0                  | B              | 19.7         | 168.       | .8             | 234.         | 79.          | 7.9        | 8.5       | -2.91 | 1.64  | -.83  |
| 3753.0                  | B              | 21.0         | 184.       | .8             | 234.         | 77.          | 7.9        | 8.5       | -3.31 | 1.01  | -.02  |

| CORRELATION<br>INTERVAL | CURR.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DRIFT<br>ANGLE | DRIFT<br>AZ. | AZ.<br>NO.1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|----------------|--------------|-------------|-----------|-----------|-------|-------|-------|
| 3757.0                  | A              | .6           | 75.        | .7             | 234.         | 72.         | 7.8       | 8.5       | .00   | .00   | -.01  |
| 3759.0                  | A              | 7.5          | 63.        | .6             | 234.         | 71.         | 7.8       | 8.5       | .01   | .01   | -.95  |
| 3761.0                  | C              | 7.4          | 66.        | .7             | 235.         | 69.         | 7.8       | 8.5       | .01   | .01   | -.93  |
| 3765.2                  | C              | 35.3         | 126.       | .7             | 235.         | 65.         | 7.9       | 8.5       | -4.06 | -.00  | -4.01 |
| 3769.0                  | B              | .7           | 61.        | .6             | 234.         | 65.         | 7.9       | 8.4       | -.01  | .00   | -.01  |
| 3770.9                  | C              | 28.9         | 252.       | .6             | 233.         | 65.         | 7.8       | 8.5       | -.96  | .65   | 4.34  |
| 3777.0                  | B              | 11.2         | 153.       | .7             | 233.         | 63.         | 7.8       | 8.5       | -1.61 | .86   | -.42  |
| 3779.0                  | B              | 6.9          | 164.       | .7             | 234.         | 63.         | 7.8       | 8.5       | -1.03 | .02   | -.04  |
| 3781.0                  | B              | .8           | 84.        | .7             | 235.         | 63.         | 7.8       | 8.4       | -.02  | -.01  | -.01  |
| 3782.9                  | B              | 12.6         | 169.       | .7             | 235.         | 63.         | 7.9       | 8.4       | -1.90 | 2.54  | .00   |
| 3785.0                  | C              | 19.5         | 170.       | .6             | 236.         | 63.         | 7.9       | 8.4       | -2.99 | .59   | -.00  |
| 3787.0                  | C              | 14.4         | 169.       | .6             | 237.         | 62.         | 7.9       | 8.4       | -2.16 | .84   | -.00  |
| 3788.8                  | C              | 5.5          | 259.       | .6             | 238.         | 60.         | 7.9       | 8.3       | .00   | 3.63  | .85   |
| 3791.0                  | B              | 26.6         | 178.       | .6             | 239.         | 59.         | 7.8       | 8.3       | -4.10 | 2.59  | .77   |
| 3793.0                  | B              | .7           | 85.        | .7             | 240.         | 57.         | 7.8       | 8.3       | -.01  | .00   | -.00  |
| 3794.9                  | C              | 5.7          | 251.       | .6             | 241.         | 53.         | 7.8       | 8.4       | -.01  | .90   | .86   |
| 3801.1                  | B              | 26.1         | 160.       | .4             | 240.         | 52.         | 7.7       | 8.4       | -4.50 | .97   | .00   |
| 3805.0                  | B              | 12.3         | 185.       | .6             | 239.         | 58.         | 7.7       | 8.4       | -1.74 | .94   | .59   |
| 3807.0                  | B              | 15.3         | 183.       | .6             | 238.         | 62.         | 7.7       | 8.5       | -2.27 | 1.01  | .55   |
| 3809.0                  | B              | 15.9         | 171.       | .6             | 239.         | 64.         | 7.7       | 8.5       | -2.43 | .97   | .00   |
| 3811.0                  | C              | 8.9          | 214.       | .5             | 239.         | 64.         | 7.7       | 8.6       | -1.02 | .97   | .86   |
| 3819.0                  | C              | 19.1         | 173.       | .7             | 239.         | 66.         | 7.8       | 8.6       | -2.99 | .63   | -.01  |
| 3821.1                  | C              | 13.8         | 175.       | .7             | 241.         | 68.         | 7.8       | 8.5       | -2.90 | .00   | -.00  |
| 3825.0                  | C              | .6           | 83.        | .6             | 244.         | 70.         | 7.9       | 8.3       | 0.00  | -.00  | .00   |
| 3831.0                  | B              | 3.2          | 176.       | .6             | 248.         | 72.         | 7.9       | 8.3       | -1.20 | .01   | -.01  |
| 3833.0                  | B              | 7.3          | 175.       | .6             | 249.         | 71.         | 7.9       | 8.3       | -1.06 | .01   | -.01  |
| 3835.0                  | C              | 5.8          | 267.       | .6             | 249.         | 69.         | 7.9       | 8.3       | -.01  | .86   | .60   |
| 3837.0                  | C              | 12.9         | 171.       | .6             | 250.         | 65.         | 7.9       | 8.3       | -1.88 | 1.70  | .01   |
| 3841.0                  | B              | 11.5         | 186.       | .6             | 250.         | 59.         | 7.9       | 8.3       | -1.59 | 1.01  | .58   |
| 3843.0                  | A              | 11.6         | 164.       | .5             | 250.         | 57.         | 7.9       | 8.3       | -1.68 | .95   | .01   |
| 3845.0                  | A              | 11.6         | 163.       | .5             | 249.         | 57.         | 7.9       | 8.3       | -1.72 | .00   | .01   |
| 3846.9                  | B              | 5.4          | 254.       | .5             | 248.         | 56.         | 7.9       | 8.4       | -.00  | 2.81  | .82   |
| 3849.0                  | B              | 9.3          | 198.       | .6             | 247.         | 56.         | 7.9       | 8.4       | -1.14 | .77   | .78   |
| 3855.0                  | C              | 19.8         | 168.       | .6             | 243.         | 60.         | 7.8       | 8.6       | -3.09 | 1.20  | .01   |
| 3857.0                  | C              | 20.4         | 186.       | .6             | 244.         | 61.         | 7.8       | 8.6       | -3.06 | 2.02  | .89   |
| 3859.0                  | B              | 15.2         | 179.       | .6             | 246.         | 61.         | 7.8       | 8.5       | -2.27 | .91   | .43   |
| 3861.9                  | B              | 19.0         | 168.       | .6             | 243.         | 60.         | 7.8       | 8.4       | -2.87 | .86   | .03   |
| 3863.0                  | B              | 6.1          | 162.       | .6             | 251.         | 60.         | 7.8       | 8.3       | -.86  | .01   | -.01  |
| 3865.0                  | B              | 9.4          | 135.       | .6             | 251.         | 59.         | 7.8       | 8.4       | -1.13 | .01   | -.64  |
| 3867.0                  | B              | 5.5          | 161.       | .5             | 252.         | 60.         | 7.9       | 8.4       | -.78  | .64   | -.03  |
| 3869.0                  | B              | 5.3          | 161.       | .5             | 254.         | 60.         | 7.9       | 8.4       | -.75  | .02   | -.03  |
| 3875.0                  | C              | 4.2          | 358.       | .6             | 255.         | 61.         | 7.9       | 8.4       | .63   | -.01  | -.01  |
| 3876.9                  | C              | 16.0         | 169.       | .6             | 255.         | 62.         | 7.9       | 8.3       | -2.35 | 2.93  | -.01  |
| 3883.1                  | C              | 20.6         | 79.        | .6             | 252.         | 60.         | 7.9       | 8.3       | -.00  | -.00  | -2.90 |
| 3897.0                  | C              | 13.7         | 166.       | .6             | 254.         | 60.         | 7.9       | 8.6       | -2.07 | .85   | -.01  |
| 3899.1                  | C              | 19.8         | 127.       | .6             | 254.         | 60.         | 7.9       | 8.5       | -2.27 | .63   | -1.79 |
| 3921.2                  | C              | 24.4         | 78.        | .6             | 262.         | 59.         | 7.8       | 8.1       | -.01  | -3.99 | -3.44 |
| 3935.1                  | C              | 24.7         | 130.       | .6             | 264.         | 61.         | 7.8       | 8.4       | -2.92 | .02   | -2.20 |
| 3944.9                  | B              | 11.5         | 206.       | .6             | 260.         | 60.         | 7.8       | 8.4       | -1.33 | 3.25  | 1.05  |
| 3947.0                  | B              | 12.6         | 169.       | .6             | 258.         | 62.         | 7.8       | 8.3       | -1.83 | 2.00  | .02   |
| 3966.8                  | C              | 12.0         | 56.        | .6             | 269.         | 68.         | 7.9       | 8.3       | .94   | 4.12  | -1.36 |
| 4001.0                  | C              | 32.9         | 347.       | .9             | 273.         | 360.        | 8.0       | 8.2       | 2.94  | -.00  | -4.42 |
| 4012.9                  | C              | 24.9         | 197.       | .9             | 279.         | 360.        | 8.2       | 8.2       | -.01  | .01   | 3.76  |
| 4027.0                  | B              | 30.0         | 268.       | .3             | 260.         | 360.        | 8.4       | 7.7       | 4.19  | -2.75 | 1.75  |
| 4029.0                  | B              | 28.9         | 291.       | .3             | 260.         | 360.        | 8.4       | 7.6       | 4.26  | -2.36 | -.16  |

| CORRELATION<br>INTERVAL | CURR.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DREFT<br>ANGLE | DREFT<br>AZ. | DIA<br>NO.1 | DIA<br>1,3 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|----------------|--------------|-------------|------------|-----------|-------|-------|-------|
| 4052.9                  | B              | 19.5         | 150.       | .7             | 277.         | 360.        | 7.7        | 7.7       | -1.95 | 3.13  | 1.78  |
| 4066.8                  | C              | 29.4         | 204.       | .7             | 287.         | 338.        | 8.0        | 7.7       | 2.07  | .87   | 3.91  |
| 4068.8                  | B              | 28.1         | 195.       | .7             | 289.         | 337.        | 7.8        | 7.7       | 1.40  | 1.32  | 3.87  |
| 4070.9                  | B              | 17.7         | 236.       | .7             | 290.         | 337.        | 7.7        | 7.7       | 2.19  | 1.29  | 1.18  |
| 4074.8                  | C              | 32.1         | 181.       | .8             | 291.         | 335.        | 7.7        | 7.7       | .63   | 3.27  | 4.71  |
| 4080.9                  | C              | 31.2         | 174.       | .8             | 291.         | 335.        | 7.6        | 7.7       | .02   | .00   | 4.53  |
| 4082.9                  | C              | 27.1         | 173.       | .8             | 290.         | 335.        | 7.7        | 7.7       | -.03  | -.00  | 3.84  |
| 4096.9                  | C              | 19.8         | 131.       | .9             | 281.         | 332.        | 7.6        | 7.7       | -1.69 | 1.37  | 2.00  |
| 4112.9                  | C              | 13.9         | 175.       | 1.3            | 292.         | 312.        | 7.7        | 7.7       | .83   | .60   | 1.55  |
| 4132.8                  | B              | 24.8         | 113.       | 1.5            | 276.         | 286.        | 7.5        | 8.1       | -.76  | 3.91  | 3.20  |
| 4134.8                  | B              | 22.6         | 103.       | 1.4            | 267.         | 284.        | 7.5        | 8.2       | -1.13 | 4.10  | 2.72  |
| 4139.2                  | C              | 26.7         | 42.        | 1.4            | 271.         | 285.        | 7.5        | 8.3       | -4.08 | -3.51 | .36   |
| 4157.0                  | C              | 31.0         | 210.       | 1.5            | 290.         | 313.        | 7.5        | 8.4       | 4.31  | -3.29 | 2.23  |
| 4196.9                  | B              | 18.0         | 177.       | 1.5            | 289.         | 319.        | 7.6        | 7.8       | .91   | .03   | 2.15  |
| 4199.0                  | B              | 13.9         | 201.       | 1.5            | 286.         | 317.        | 7.6        | 8.0       | 1.51  | -1.08 | 1.14  |
| 4201.0                  | B              | 10.2         | 230.       | 1.5            | 281.         | 313.        | 7.8        | 8.1       | 1.53  | -1.17 | .10   |
| 4209.0                  | C              | 22.0         | 164.       | 1.4            | 265.         | 305.        | 7.6        | 7.7       | 1.17  | -1.63 | 2.73  |
| 4230.1                  | B              | 18.9         | 263.       | 1.5            | 283.         | 295.        | 7.8        | 7.7       | 2.11  | -1.31 | -1.91 |
| 4241.1                  | B              | 20.2         | 263.       | 1.5            | 287.         | 293.        | 7.9        | 7.7       | 2.19  | -1.32 | -2.13 |
| 4242.9                  | C              | 17.7         | 214.       | 1.5            | 288.         | 290.        | 7.7        | 7.7       | 2.45  | .83   | -.00  |
| 4347.0                  | C              | 31.4         | 201.       | 1.8            | 310.         | 234.        | 7.6        | 8.2       | 3.71  | .37   | -2.83 |
| 4367.0                  | B              | .8           | 123.       | 1.5            | 317.         | 222.        | 7.4        | 8.2       | -.10  | .03   | .07   |
| 4369.0                  | B              | 1.0          | 123.       | 1.5            | 318.         | 229.        | 7.5        | 8.3       | -.11  | .03   | .07   |
| 4371.1                  | C              | 23.3         | 309.       | 1.5            | 318.         | 224.        | 7.5        | 8.3       | -3.53 | -.03  | -1.31 |
| 4395.2                  | C              | 24.0         | 187.       | 1.6            | 318.         | 210.        | 7.5        | 8.4       | 2.28  | -4.28 | -2.37 |
| 4399.0                  | C              | 29.7         | 184.       | 1.6            | 318.         | 211.        | 7.5        | 8.4       | 3.15  | -1.07 | -2.90 |
| 4401.1                  | C              | 28.9         | 172.       | 1.6            | 314.         | 212.        | 7.5        | 8.4       | 3.71  | -4.21 | -2.03 |
| 4471.0                  | C              | 25.9         | 356.       | 1.5            | 314.         | 136.        | 7.6        | 8.3       | 1.45  | -2.27 | 3.69  |
| 4481.1                  | B              | 20.5         | 175.       | 1.5            | 311.         | 135.        | 7.7        | 8.4       | -1.15 | -1.08 | -2.46 |
| 4483.2                  | B              | 26.6         | 173.       | 1.6            | 310.         | 137.        | 7.7        | 8.3       | -1.23 | -2.52 | -3.42 |
| 4493.1                  | B              | 32.5         | 122.       | 1.5            | 310.         | 109.        | 7.6        | 8.2       | .64   | -1.51 | -4.55 |
| 4519.0                  | B              | 15.2         | 64.        | 2.0            | 315.         | 82.         | 7.6        | 8.3       | 1.58  | .43   | -1.49 |
| 4521.1                  | B              | 23.8         | 150.       | 2.1            | 317.         | 82.         | 7.6        | 8.3       | -2.49 | .83   | -2.00 |
| 4525.1                  | B              | 16.1         | 162.       | 2.0            | 314.         | 66.         | 7.7        | 8.3       | -2.03 | -.28  | -.40  |
| 4527.0                  | B              | 16.2         | 146.       | 2.0            | 319.         | 46.         | 7.7        | 8.2       | -2.04 | 1.09  | -.37  |
| 4550.9                  | B              | 30.3         | 164.       | 2.0            | 314.         | 10.         | 7.6        | 8.2       | -3.12 | 3.04  | 2.91  |
| 4552.9                  | C              | 27.0         | 165.       | 2.0            | 315.         | 11.         | 7.6        | 8.2       | -2.67 | 3.01  | 2.54  |
| 4559.1                  | C              | 7.5          | 6.         | 2.1            | 317.         | 5.          | 7.6        | 8.3       | .57   | -1.27 | -1.14 |
| 4583.0                  | C              | 14.3         | 164.       | 2.1            | 312.         | 11.         | 8.3        | 8.2       | -1.24 | .57   | 1.30  |
| 4589.0                  | B              | 16.5         | 151.       | 2.1            | 307.         | 28.         | 8.3        | 7.9       | -2.23 | 1.28  | .62   |
| 4591.0                  | A              | 24.5         | 145.       | 2.1            | 312.         | 29.         | 8.3        | 8.1       | -3.33 | 1.49  | .38   |
| 4629.0                  | B              | 12.4         | 329.       | 2.0            | 290.         | 339.        | 7.5        | 7.7       | 1.04  | .77   | -1.63 |
| 4631.0                  | B              | 15.7         | 334.       | 2.1            | 289.         | 337.        | 7.6        | 7.7       | .29   | .01   | -2.35 |
| 4632.8                  | B              | 36.2         | 224.       | 2.2            | 288.         | 336.        | 7.7        | 7.7       | 4.53  | .64   | 3.46  |
| 4634.8                  | B              | 33.9         | 214.       | 2.2            | 288.         | 327.        | 7.7        | 7.7       | 4.05  | .73   | 3.18  |
| 4637.0                  | B              | 17.1         | 180.       | 2.2            | 288.         | 316.        | 7.7        | 7.7       | 1.26  | -2.42 | 1.60  |
| 4653.0                  | B              | 24.0         | 175.       | 2.2            | 286.         | 264.        | 7.7        | 7.6       | 3.08  | -.74  | .76   |
| 4655.0                  | B              | 23.5         | 171.       | 2.2            | 284.         | 253.        | 7.7        | 7.6       | 3.06  | -1.28 | .37   |
| 4657.0                  | B              | 18.6         | 168.       | 2.2            | 285.         | 243.        | 7.7        | 7.6       | 2.32  | -1.75 | -.05  |

|        |   |      |      |     |      |      |     |     |       |       |       |
|--------|---|------|------|-----|------|------|-----|-----|-------|-------|-------|
| 4565.9 | C | 28.6 | 193. | 2.1 | 315. | 318. | 7.6 | 8.2 | 2.59  | .05   | 3.05  |
| 4567.9 | C | 29.0 | 195. | 2.1 | 315. | 317. | 7.6 | 8.2 | 2.86  | .66   | 2.95  |
| 4569.9 | C | 28.2 | 194. | 2.1 | 315. | 317. | 7.5 | 8.3 | 2.73  | .74   | 2.85  |
| 4574.0 | C | 22.5 | 289. | 2.0 | 309. | 323. | 7.5 | 8.4 | 2.89  | -.34  | -2.15 |
| 4580.0 | C | 13.6 | 217. | 2.1 | 311. | 317. | 7.6 | 8.2 | 1.76  | -.32  | .65   |
| 4582.0 | C | 15.1 | 230. | 2.0 | 316. | 320. | 7.7 | 8.2 | 2.09  | -.48  | .43   |
| 4591.9 | C | 24.8 | 211. | 2.0 | 315. | 338. | 7.5 | 8.5 | 2.27  | .03   | 2.63  |
| 4593.9 | C | 33.0 | 194. | 2.0 | 315. | 337. | 7.6 | 8.4 | 1.78  | -.02  | 4.35  |
| 4602.1 | C | 18.8 | 74.  | 2.0 | 316. | 316. | 7.6 | 8.2 | -2.76 | -.31  | .12   |
| 4610.2 | C | 24.9 | 100. | 2.1 | 309. | 323. | 7.6 | 7.9 | -3.11 | -4.08 | 1.38  |
| 4617.9 | C | 24.6 | 200. | 2.1 | 299. | 313. | 7.6 | 7.6 | 2.61  | -.02  | 2.07  |
| 4619.9 | C | 22.7 | 192. | 2.1 | 308. | 311. | 7.6 | 7.6 | 2.12  | -.00  | 2.05  |
| 4623.9 | C | 16.9 | 170. | 2.1 | 307. | 280. | 7.7 | 7.6 | 1.66  | .33   | 1.20  |
| 4625.9 | C | 35.3 | 132. | 2.1 | 304. | 262. | 7.6 | 7.6 | 2.53  | -.02  | 4.27  |
| 4628.0 | A | 22.4 | 169. | 2.2 | 299. | 248. | 7.5 | 7.5 | 2.83  | -2.08 | .25   |
| 4630.2 | A | 15.9 | 319. | 2.2 | 301. | 238. | 7.5 | 7.5 | -2.16 | -2.67 | -1.15 |
| 4632.0 | B | 29.7 | 179. | 2.2 | 307. | 235. | 7.5 | 7.5 | 3.81  | -1.77 | -1.17 |
| 4634.1 | B | 30.7 | 185. | 2.2 | 310. | 229. | 7.5 | 7.7 | 3.69  | -2.34 | -2.05 |
| 4642.1 | C | 28.5 | 316. | 2.2 | 302. | 210. | 7.4 | 7.6 | -4.47 | -.70  | -.27  |
| 4646.1 | B | 27.1 | 167. | 2.2 | 295. | 204. | 7.4 | 7.6 | 2.93  | -1.74 | -2.04 |
| 4648.1 | B | 30.3 | 168. | 2.2 | 295. | 194. | 7.2 | 7.5 | 2.78  | -2.11 | -2.84 |
| 4650.2 | C | 33.8 | 193. | 2.2 | 293. | 185. | 7.0 | 7.4 | .61   | -2.71 | -4.46 |
| 4654.1 | B | 28.1 | 170. | 2.2 | 292. | 161. | 7.0 | 7.5 | .46   | -2.00 | -3.45 |
| 4656.1 | B | 28.2 | 165. | 2.2 | 292. | 154. | 7.0 | 7.5 | .37   | -1.98 | -3.45 |
| 4678.0 | C | 19.8 | 84.  | 2.2 | 303. | 32.  | 7.2 | 7.7 | -1.22 | 1.36  | -2.15 |
| 4689.9 | B | 6.4  | 258. | 2.2 | 284. | 341. | 7.4 | 7.8 | 1.10  | .72   | .01   |
| 4693.9 | C | 20.8 | 222. | 2.2 | 289. | 340. | 7.6 | 7.7 | 2.22  | -.00  | 1.94  |
| 4695.9 | B | 26.8 | 201. | 2.2 | 290. | 339. | 7.6 | 7.7 | 1.70  | .73   | 3.33  |
| 4701.9 | C | 29.4 | 211. | 2.2 | 294. | 325. | 7.6 | 7.5 | 3.22  | -.00  | 2.65  |
| 4703.9 | B | 24.2 | 185. | 2.2 | 295. | 299. | 7.5 | 7.5 | 2.48  | -.02  | 1.98  |
| 4705.9 | B | 25.2 | 162. | 2.2 | 295. | 271. | 7.5 | 7.5 | 2.63  | -.22  | 1.86  |
| 4708.0 | C | 30.7 | 178. | 2.2 | 297. | 249. | 7.5 | 7.5 | 4.17  | -1.50 | -.18  |
| 4710.1 | C | 32.2 | 184. | 2.2 | 295. | 239. | 7.5 | 7.6 | 4.29  | -2.72 | -1.44 |
| 4712.1 | B | 26.8 | 185. | 2.2 | 293. | 236. | 7.6 | 7.6 | 3.34  | -2.80 | -1.45 |
| 4714.1 | C | 22.7 | 184. | 2.2 | 292. | 229. | 7.6 | 7.6 | 2.57  | -1.99 | -1.53 |
| 4720.0 | C | 19.5 | 186. | 2.2 | 292. | 211. | 7.6 | 7.5 | 1.56  | -.41  | -1.96 |
| 4722.0 | B | 6.1  | 137. | 2.2 | 290. | 212. | 7.6 | 7.6 | .52   | -1.28 | -.01  |
| 4724.1 | B | 25.9 | 196. | 2.2 | 288. | 201. | 7.6 | 7.7 | 1.22  | -1.82 | -3.38 |
| 4726.1 | B | 25.9 | 186. | 2.2 | 288. | 189. | 7.6 | 7.7 | 1.10  | -1.64 | -3.36 |
| 4728.1 | B | 29.9 | 210. | 2.2 | 288. | 184. | 7.6 | 7.6 | -.82  | -.55  | -4.24 |
| 4732.2 | C | 24.5 | 166. | 2.2 | 289. | 176. | 7.6 | 7.6 | 1.44  | -3.43 | -2.86 |
| 4750.1 | C | 20.5 | 161. | 2.2 | 292. | 114. | 7.6 | 7.5 | -2.08 | .00   | -1.59 |
| 4752.1 | B | 17.3 | 170. | 2.2 | 292. | 109. | 7.6 | 7.5 | -1.52 | .03   | -1.46 |
| 4754.0 | C | 15.5 | 160. | 2.2 | 291. | 108. | 7.6 | 7.5 | -1.08 | .15   | -1.48 |
| 4755.6 | C | 31.7 | 333. | 2.2 | 290. | 97.  | 7.6 | 7.6 | 3.02  | .62   | 4.08  |

| CORRELATION<br>INTERVAL | CORR.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DRET<br>ANGLE | DRET<br>AZ. | AZ.<br>NO.1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|---------------|-------------|-------------|-----------|-----------|-------|-------|-------|
| 4762.0                  | B              | 25.1         | 155.       | 2.2           | 289.        | 83.         | 7.6       | 7.5       | -2.61 | 1.10  | -1.89 |
| 4764.1                  | B              | 35.6         | 166.       | 2.2           | 289.        | 79.         | 7.6       | 7.5       | -4.73 | 1.22  | -1.76 |
| 4769.9                  | C              | 27.4         | 178.       | 2.4           | 289.        | 40.         | 7.6       | 7.5       | -3.06 | 2.25  | 2.02  |
| 4771.9                  | C              | 26.7         | 172.       | 2.6           | 289.        | 32.         | 7.6       | 7.5       | -2.65 | 1.82  | 2.04  |
| 4774.0                  | B              | 35.4         | 153.       | 2.5           | 289.        | 23.         | 7.6       | 7.5       | -4.52 | 2.37  | 1.96  |
| 4776.0                  | B              | 35.5         | 142.       | 2.5           | 289.        | 10.         | 7.5       | 7.6       | -4.53 | 2.24  | 1.95  |
| 4777.8                  | B              | 35.8         | 167.       | 2.4           | 289.        | 5.          | 7.5       | 7.6       | -2.93 | 3.18  | 4.18  |
| 4779.8                  | B              | 27.7         | 238.       | 2.2           | 289.        | 115.        | 7.6       | 7.7       | -1.82 | 2.75  | 3.94  |
| 4781.8                  | B              | 29.8         | 111.       | 2.2           | 288.        | 288.        | 7.4       | 7.6       | -1.14 | 2.60  | 3.72  |
| 4783.8                  | C              | 36.1         | 182.       | 2.2           | 288.        | 360.        | 7.3       | 7.5       | -1.34 | 4.17  | 4.90  |
| 4793.8                  | B              | 33.6         | 229.       | 2.2           | 287.        | 351.        | 7.6       | 7.6       | 3.43  | .84   | 3.86  |
| 4798.0                  | C              | 14.5         | 92.        | 2.2           | 285.        | 339.        | 7.6       | 7.6       | -1.71 | -.02  | -.02  |
| 4805.9                  | C              | 26.7         | 191.       | 2.7           | 292.        | 321.        | 7.6       | 7.6       | 2.12  | .94   | 2.94  |
| 4807.9                  | B              | 23.6         | 191.       | 2.7           | 290.        | 315.        | 7.7       | 7.6       | 2.13  | .02   | 2.35  |
| 4810.0                  | C              | 18.4         | 209.       | 2.7           | 288.        | 318.        | 8.0       | 7.5       | 2.13  | -1.08 | 1.34  |
| 4835.9                  | C              | 22.3         | 133.       | 2.7           | 286.        | 301.        | 8.3       | 7.6       | -.25  | .02   | 2.94  |
| 4837.9                  | B              | 24.1         | 181.       | 2.7           | 286.        | 310.        | 8.1       | 7.6       | 1.93  | .95   | 2.70  |
| 4839.9                  | C              | 26.2         | 182.       | 2.7           | 287.        | 314.        | 7.7       | 7.5       | 1.93  | 1.76  | 2.96  |
| 4843.9                  | C              | 16.0         | 196.       | 2.7           | 284.        | 309.        | 7.6       | 7.5       | 1.74  | .39   | 1.12  |
| 4847.9                  | C              | 22.1         | 196.       | 2.7           | 288.        | 314.        | 7.6       | 7.5       | 2.21  | -.01  | 1.93  |
| 4850.0                  | C              | 27.1         | 216.       | 2.6           | 289.        | 310.        | 7.6       | 7.5       | 3.68  | -1.84 | 1.19  |
| 4852.0                  | C              | 28.8         | 219.       | 2.5           | 286.        | 310.        | 7.6       | 7.5       | 4.01  | -2.25 | 1.11  |
| 4857.9                  | B              | 34.8         | 186.       | 2.4           | 285.        | 287.        | 7.6       | 7.7       | 4.57  | -1.82 | 2.27  |
| 4860.1                  | C              | 17.8         | 98.        | 2.3           | 288.        | 279.        | 7.6       | 7.6       | -.87  | -1.80 | 1.97  |
| 4862.1                  | C              | 22.4         | 265.       | 2.2           | 288.        | 268.        | 7.4       | 7.5       | -.01  | -1.76 | -3.36 |
| 4864.0                  | C              | 27.5         | 168.       | 2.2           | 283.        | 254.        | 7.1       | 7.5       | 3.57  | -1.77 | .72   |
| 4866.2                  | C              | 24.4         | 169.       | 2.7           | 284.        | 187.        | 7.6       | 8.2       | 1.84  | -3.60 | -2.65 |
| 4908.1                  | B              | 18.4         | 127.       | 2.2           | 288.        | 163.        | 7.6       | 7.6       | 1.82  | -1.69 | -1.24 |
| 4922.1                  | C              | 20.1         | 176.       | 2.6           | 283.        | 139.        | 7.7       | 7.6       | -1.07 | -.58  | -2.35 |
| 4928.1                  | B              | 32.6         | 170.       | 2.7           | 284.        | 124.        | 7.8       | 7.5       | -2.28 | -.26  | -4.02 |
| 4930.1                  | B              | 33.0         | 169.       | 2.7           | 284.        | 112.        | 7.7       | 7.6       | -2.37 | -.42  | -3.94 |
| 4932.0                  | C              | 30.6         | 77.        | 2.7           | 285.        | 111.        | 7.6       | 7.5       | 3.45  | .40   | -2.30 |
| 4938.0                  | C              | 21.4         | 156.       | 2.7           | 282.        | 109.        | 7.5       | 7.5       | -1.38 | .97   | -2.21 |
| 4946.1                  | B              | 29.4         | 167.       | 2.6           | 284.        | 83.         | 7.6       | 7.5       | -3.65 | 1.25  | -1.41 |
| 4948.1                  | C              | 36.9         | 141.       | 2.8           | 285.        | 82.         | 7.6       | 7.5       | -3.34 | 1.41  | -3.92 |
| 4968.1                  | B              | 18.2         | 106.       | 2.8           | 286.        | 4.          | 6.9       | 7.6       | -2.08 | -.03  | -.34  |
| 4970.0                  | C              | 34.2         | 175.       | 2.7           | 288.        | 6.          | 6.9       | 7.5       | -2.15 | -.00  | 3.92  |
| 4973.8                  | B              | 19.7         | 213.       | 2.7           | 288.        | 11.         | 7.2       | 7.5       | .50   | 3.35  | 2.55  |
| 4975.9                  | C              | 25.3         | 163.       | 2.7           | 287.        | 9.          | 7.4       | 7.6       | -2.15 | 2.15  | 2.39  |
| 4978.2                  | C              | 21.3         | 157.       | 2.7           | 287.        | 8.          | 7.4       | 7.7       | -1.93 | -3.74 | 1.76  |
| 4984.2                  | C              | 32.9         | 174.       | 2.7           | 288.        | 120.        | 7.3       | 7.6       | -2.82 | -2.07 | -3.44 |
| 5100.2                  | B              | 26.9         | 198.       | 2.8           | 289.        | 182.        | 7.4       | 7.8       | -.19  | -2.18 | -3.96 |
| 5102.1                  | C              | 40.3         | 155.       | 2.8           | 290.        | 182.        | 7.5       | 7.8       | 4.22  | -1.86 | -4.16 |
| 5114.0                  | C              | 11.4         | 290.       | 2.8           | 291.        | 164.        | 7.5       | 7.5       | -1.74 | 1.19  | .68   |
| 5122.0                  | C              | 25.7         | 204.       | 2.8           | 293.        | 135.        | 7.5       | 7.6       | -2.93 | 2.55  | -1.97 |
| 5142.1                  | C              | 31.0         | 178.       | 3.1           | 307.        | 106.        | 7.5       | 7.6       | -3.44 | .32   | -2.22 |
| 5152.1                  | C              | 30.5         | 143.       | 2.7           | 313.        | 125.        | 7.5       | 7.6       | .15   | -.06  | -3.96 |
| 5154.0                  | C              | 12.2         | 323.       | 2.6           | 314.        | 132.        | 7.5       | 7.6       | -.21  | -1.39 | 1.99  |
| 5156.1                  | B              | 21.5         | 251.       | 2.6           | 315.        | 132.        | 7.5       | 7.7       | -2.97 | -.42  | .88   |
| 5166.2                  | C              | 30.7         | 193.       | 2.8           | 315.        | 133.        | 7.7       | 7.5       | -2.85 | -1.13 | -3.00 |
| 5168.1                  | C              | 26.4         | 208.       | 2.8           | 315.        | 135.        | 7.6       | 7.5       | -2.99 | -.53  | -1.80 |
| 5170.1                  | B              | 26.4         | 195.       | 2.7           | 314.        | 139.        | 7.5       | 7.5       | -2.31 | -.50  | -2.54 |
| 5172.1                  | B              | 31.5         | 193.       | 2.6           | 313.        | 138.        | 7.5       | 7.5       | -2.71 | -.45  | -3.29 |
| 5174.1                  | C              | 27.4         | 205.       | 2.7           | 307.        | 136.        | 7.5       | 7.5       | -2.99 | -.02  | -2.17 |
| 5176.1                  | B              | 29.8         | 207.       | 2.8           | 305.        | 136.        | 7.5       | 7.5       | -3.44 | -.00  | -2.22 |



| CORRELATION<br>INTERVAL | CORR.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DREF<br>ANGLE | DREF<br>AZ. | AZ.<br>NO. 1 | DJA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|---------------|-------------|--------------|-----------|-----------|-------|-------|-------|
| 5178.1                  | B              | 25.7         | 201.       | 2.9           | 310.        | 135.         | 7.6       | 7.5       | -2.61 | -.23  | -2.08 |
| 5180.1                  | C              | 17.8         | 290.       | 3.1           | 314.        | 134.         | 7.6       | 7.5       | -1.73 | .01   | -1.23 |
| 5182.0                  | C              | 17.7         | 195.       | 3.2           | 314.        | 134.         | 7.5       | 7.5       | -1.59 | .32   | -1.35 |
| 5184.1                  | B              | 30.1         | 185.       | 2.9           | 311.        | 135.         | 7.5       | 7.6       | -2.26 | -.22  | -3.25 |
| 5186.2                  | B              | 32.8         | 183.       | 2.7           | 303.        | 137.         | 7.6       | 7.6       | -2.28 | -.55  | -3.89 |
| 5192.1                  | B              | 30.0         | 194.       | 2.6           | 308.        | 136.         | 7.6       | 7.5       | -2.72 | -.23  | -3.03 |
| 5194.1                  | B              | 33.8         | 190.       | 2.6           | 309.        | 138.         | 7.6       | 7.5       | -2.70 | -.07  | -3.88 |
| 5196.1                  | B              | 26.7         | 194.       | 2.7           | 313.        | 136.         | 7.6       | 7.5       | -2.37 | -.06  | -2.57 |
| 5198.1                  | B              | 29.5         | 202.       | 2.8           | 313.        | 131.         | 7.6       | 7.6       | -3.31 | -.05  | -2.23 |
| 5200.1                  | C              | 21.1         | 210.       | 2.8           | 314.        | 118.         | 7.6       | 7.6       | -2.67 | .33   | -.47  |
| 5202.1                  | C              | 21.1         | 205.       | 2.7           | 314.        | 109.         | 7.6       | 7.6       | -2.67 | .28   | -.36  |
| 5208.0                  | B              | 35.0         | 178.       | 3.2           | 314.        | 84.          | 7.5       | 7.6       | -4.63 | 1.64  | -1.04 |
| 5210.1                  | B              | 31.7         | 167.       | 3.3           | 313.        | 80.          | 7.6       | 7.7       | -3.90 | 1.17  | -1.44 |
| 5212.0                  | B              | 26.5         | 164.       | 3.3           | 313.        | 83.          | 7.6       | 7.7       | -2.96 | 1.16  | -1.45 |
| 5214.1                  | C              | 29.1         | 165.       | 3.3           | 313.        | 82.          | 7.7       | 7.6       | -3.39 | .71   | -1.52 |
| 5216.0                  | B              | 30.9         | 171.       | 3.3           | 313.        | 71.          | 7.7       | 7.6       | -3.99 | 1.49  | -.50  |
| 5218.0                  | B              | 31.0         | 165.       | 3.3           | 313.        | 61.          | 7.7       | 7.7       | -4.03 | 1.83  | -.25  |
| 5223.9                  | C              | 20.0         | 172.       | 3.1           | 305.        | 35.          | 7.6       | 7.5       | -1.99 | 2.59  | 1.25  |
| 5225.9                  | B              | 22.8         | 166.       | 2.9           | 308.        | 32.          | 7.6       | 7.6       | -2.46 | 2.15  | 1.29  |
| 5227.9                  | B              | 22.7         | 169.       | 2.8           | 313.        | 33.          | 7.6       | 7.6       | -2.44 | 2.05  | 1.34  |
| 5233.9                  | C              | 19.5         | 175.       | 3.3           | 311.        | 22.          | 7.6       | 8.0       | -1.58 | 2.09  | 1.68  |
| 5269.9                  | B              | 20.7         | 189.       | 3.2           | 287.        | 328.         | 7.6       | 7.5       | 1.34  | .58   | 2.32  |
| 5271.9                  | B              | 18.5         | 178.       | 3.4           | 289.        | 316.         | 7.5       | 7.5       | 1.14  | -.12  | 1.91  |
| 5273.9                  | B              | 29.9         | 205.       | 3.4           | 291.        | 317.         | 7.7       | 7.5       | 3.42  | -.44  | 2.48  |
| 5275.9                  | B              | 22.4         | 171.       | 3.4           | 290.        | 316.         | 7.7       | 7.5       | 1.01  | -.43  | 2.61  |
| 5278.0                  | B              | 21.7         | 154.       | 3.4           | 289.        | 301.         | 7.6       | 7.5       | .81   | -1.56 | 2.46  |
| 5280.0                  | B              | 25.3         | 185.       | 3.4           | 289.        | 289.         | 7.6       | 7.6       | 2.94  | -1.53 | 1.51  |
| 5283.9                  | B              | 35.0         | 194.       | 3.4           | 287.        | 287.         | 7.6       | 7.5       | 4.76  | -1.46 | 1.53  |
| 5285.9                  | B              | 34.7         | 190.       | 3.3           | 286.        | 287.         | 7.7       | 7.5       | 4.59  | -1.46 | 1.90  |
| 5287.9                  | B              | 34.1         | 166.       | 3.3           | 288.        | 287.         | 7.7       | 7.6       | 4.39  | -1.45 | 2.05  |
| 5289.9                  | B              | 30.4         | 167.       | 3.3           | 267.        | 285.         | 7.7       | 7.5       | 3.87  | -1.14 | 1.58  |
| 5291.9                  | B              | 27.1         | 187.       | 3.3           | 285.        | 287.         | 7.6       | 7.6       | 3.37  | -1.12 | 1.44  |
| 5294.1                  | C              | 19.4         | 179.       | 3.3           | 281.        | 290.         | 7.6       | 7.6       | 2.12  | -3.97 | 1.26  |
| 5296.0                  | C              | 15.7         | 150.       | 3.3           | 278.        | 289.         | 7.6       | 7.6       | .16   | -2.10 | 1.67  |
| 5298.0                  | B              | 32.9         | 197.       | 3.4           | 284.        | 289.         | 7.7       | 7.6       | 4.56  | -2.20 | 1.32  |
| 5318.0                  | C              | 24.5         | 93.        | 3.4           | 288.        | 315.         | 7.7       | 7.7       | -2.80 | .08   | 1.23  |
| 5319.9                  | B              | 28.8         | 194.       | 3.4           | 290.        | 314.         | 7.5       | 7.7       | 2.93  | -.01  | 2.67  |
| 5321.9                  | B              | 33.1         | 195.       | 3.4           | 289.        | 306.         | 7.5       | 7.7       | 3.93  | -.63  | 2.67  |
| 5324.0                  | B              | 30.7         | 221.       | 3.4           | 289.        | 298.         | 7.5       | 7.6       | 4.60  | -3.28 | .01   |
| 5332.0                  | C              | 15.6         | 226.       | 3.3           | 286.        | 263.         | 7.7       | 7.6       | 1.37  | -.64  | -1.45 |
| 5334.0                  | C              | 26.1         | 204.       | 3.3           | 285.        | 261.         | 7.7       | 7.6       | 3.73  | -.25  | -1.41 |
| 5338.1                  | C              | 25.0         | 202.       | 3.4           | 288.        | 261.         | 7.6       | 8.2       | 3.48  | -3.48 | -1.13 |
| 5366.1                  | C              | 29.3         | 168.       | 3.3           | 288.        | 227.         | 7.5       | 8.7       | 4.26  | -3.25 | -1.03 |
| 5376.0                  | C              | 2.4          | 131.       | 3.4           | 289.        | 215.         | 7.5       | 8.9       | -.15  | -.01  | -.05  |
| 5402.1                  | C              | 31.4         | 207.       | 3.5           | 288.        | 234.         | 7.7       | 8.3       | 3.26  | -3.49 | -3.47 |
| 5404.1                  | C              | 32.3         | 201.       | 3.5           | 288.        | 233.         | 7.7       | 8.3       | 3.60  | -3.37 | -3.33 |
| 5406.1                  | C              | 27.1         | 203.       | 3.5           | 288.        | 232.         | 7.7       | 8.3       | 2.76  | -3.31 | -2.86 |
| 5418.1                  | C              | 21.7         | 196.       | 3.4           | 287.        | 221.         | 7.7       | 8.3       | 1.87  | -1.59 | -2.35 |
| 5420.1                  | B              | 21.1         | 186.       | 3.4           | 290.        | 216.         | 7.7       | 8.4       | 1.91  | -1.41 | -2.09 |
| 5434.1                  | C              | 31.6         | 166.       | 3.5           | 290.        | 209.         | 7.6       | 8.4       | 3.98  | -3.45 | -2.22 |
| 5438.2                  | C              | 33.1         | 179.       | 3.5           | 291.        | 209.         | 7.6       | 8.5       | 3.56  | -4.49 | -3.22 |
| 5440.1                  | C              | 31.6         | 175.       | 3.5           | 290.        | 210.         | 7.6       | 8.5       | 3.60  | -3.28 | -2.78 |
| 5442.1                  | C              | 15.3         | 279.       | 3.5           | 290.        | 219.         | 7.7       | 8.3       | -2.00 | -.93  | -1.77 |
| 5448.1                  | B              | 33.7         | 160.       | 3.5           | 290.        | 242.         | 7.7       | 8.0       | 4.68  | -4.05 | .67   |
| 5450.1                  | B              | 34.7         | 192.       | 3.5           | 290.        | 239.         | 7.7       | 8.2       | 4.71  | -3.24 | -2.45 |

| CORRELATION<br>INTERVAL | CORR.<br>GRADE | DIP<br>ANGLE | DIP<br>AZ. | DRFT<br>ANGLE | DRFT<br>AZ. | AZ.<br>NO.1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|---------------|-------------|-------------|-----------|-----------|-------|-------|-------|
| 5461.9                  | C              | 32.5         | 130.       | 3.5           | 290.        | 210.        | 7.5       | 8.3       | 4.53  | .48   | .66   |
| 5472.0                  | C              | 7.6          | 134.       | 3.3           | 291.        | 210.        | 7.7       | 8.2       | .65   | -.36  | .02   |
| 5474.0                  | C              | 4.2          | 132.       | 3.3           | 291.        | 211.        | 7.6       | 8.2       | .13   | -.23  | .00   |
| 5490.2                  | B              | 29.5         | 187.       | 3.4           | 292.        | 212.        | 7.5       | 7.7       | 2.53  | -3.65 | -3.06 |
| 5492.1                  | B              | 34.0         | 176.       | 3.4           | 292.        | 213.        | 7.5       | 7.7       | 3.74  | -3.70 | -2.85 |
| 5494.0                  | B              | 21.6         | 177.       | 3.3           | 290.        | 214.        | 7.5       | 7.7       | 2.06  | -1.27 | -1.74 |
| 5496.1                  | B              | 17.9         | 187.       | 3.3           | 289.        | 214.        | 7.5       | 7.7       | 1.34  | -1.28 | -1.79 |
| 5498.0                  | B              | 21.3         | 285.       | 3.3           | 290.        | 212.        | 7.5       | 7.7       | -2.92 | 2.98  | -1.84 |
| 5500.1                  | B              | 2.8          | 108.       | 3.3           | 291.        | 211.        | 7.5       | 7.9       | -.13  | -3.16 | .11   |
| 5506.1                  | C              | 22.5         | 182.       | 3.4           | 288.        | 206.        | 7.5       | 8.3       | 1.85  | -3.02 | -2.31 |
| 5522.1                  | C              | 23.2         | 28.        | 3.6           | 291.        | 212.        | 7.7       | 8.3       | -1.91 | -3.37 | 2.96  |
| 5524.0                  | C              | 35.5         | 108.       | 3.9           | 291.        | 211.        | 7.7       | 8.3       | 4.31  | -3.44 | 2.69  |
| 5536.1                  | C              | 15.1         | 171.       | 3.6           | 290.        | 206.        | 7.6       | 8.3       | 1.28  | -1.27 | -1.24 |
| 5538.0                  | B              | 15.9         | 178.       | 3.4           | 291.        | 210.        | 7.7       | 8.3       | 1.34  | -.98  | -1.43 |
| 5554.1                  | B              | 17.1         | 189.       | 3.4           | 291.        | 195.        | 7.4       | 8.3       | .58   | -1.83 | -2.01 |
| 5556.1                  | B              | 17.3         | 182.       | 3.4           | 291.        | 185.        | 7.5       | 8.3       | .45   | -1.91 | -2.03 |
| 5566.1                  | C              | 27.1         | 169.       | 3.6           | 292.        | 184.        | 7.6       | 8.6       | 1.88  | -1.54 | -3.03 |
| 5569.9                  | B              | 34.5         | 68.        | 3.7           | 291.        | 205.        | 7.6       | 8.2       | 1.76  | -1.40 | 4.67  |
| 5604.1                  | C              | 16.0         | 278.       | 3.3           | 290.        | 207.        | 7.5       | 8.4       | -2.41 | -.01  | -1.39 |
| 5614.1                  | C              | 16.0         | 235.       | 3.3           | 290.        | 225.        | 7.7       | 8.4       | -.07  | -1.18 | -2.36 |
| 5618.0                  | C              | 26.2         | 148.       | 3.2           | 286.        | 237.        | 7.5       | 8.3       | 3.45  | -2.08 | .84   |
| 5620.0                  | C              | 26.1         | 151.       | 3.2           | 288.        | 238.        | 7.4       | 8.4       | 3.84  | -1.95 | .85   |
| 5640.1                  | C              | 28.4         | 209.       | 3.4           | 280.        | 220.        | 7.5       | 8.3       | 1.85  | -2.29 | -3.72 |
| 5652.0                  | C              | 26.0         | 171.       | 3.4           | 287.        | 229.        | 7.7       | 8.3       | 3.78  | -.93  | -1.12 |
| 5669.9                  | C              | 22.2         | 88.        | 3.2           | 289.        | 213.        | 7.5       | 8.2       | 1.48  | 1.54  | 2.35  |
| 5672.1                  | C              | 28.9         | 162.       | 3.3           | 295.        | 214.        | 7.6       | 7.9       | 2.89  | -1.62 | -2.66 |
| 5708.0                  | A              | 17.1         | 194.       | 2.8           | 313.        | 237.        | 7.2       | 7.7       | 1.69  | -1.40 | -1.12 |
| 5724.1                  | C              | 19.9         | 230.       | 3.0           | 312.        | 259.        | 7.5       | 7.8       | 1.77  | -2.97 | -2.06 |
| 5726.1                  | C              | 23.0         | 216.       | 2.8           | 313.        | 252.        | 7.5       | 7.6       | 2.29  | -2.69 | -2.02 |
| 5728.1                  | C              | 17.0         | 195.       | 2.9           | 314.        | 242.        | 7.5       | 7.6       | 1.74  | -1.62 | -1.05 |
| 5735.8                  | B              | 6.6          | 65.        | 3.0           | 314.        | 214.        | 7.2       | 7.8       | -.16  | 3.13  | 1.12  |
| 5737.9                  | B              | 22.7         | 162.       | 3.1           | 315.        | 210.        | 7.1       | 8.0       | 2.62  | 1.29  | -1.05 |
| 5742.2                  | B              | 23.5         | 209.       | 3.2           | 314.        | 209.        | 7.0       | 8.4       | .74   | -2.69 | -2.73 |
| 5746.1                  | B              | 22.2         | 238.       | 3.3           | 314.        | 203.        | 7.1       | 8.3       | -1.35 | -.86  | -2.66 |
| 5748.2                  | B              | 29.0         | 257.       | 3.4           | 315.        | 198.        | 7.4       | 8.0       | -3.31 | -.94  | -2.95 |
| 5772.1                  | B              | 16.2         | 191.       | 3.4           | 310.        | 264.        | 7.2       | 8.4       | 2.35  | -2.63 | -.21  |
| 5774.2                  | B              | 3.0          | 24.        | 3.4           | 309.        | 266.        | 7.0       | 8.3       | -.78  | -3.41 | -.25  |
| 5776.0                  | B              | 3.4          | 15.        | 3.4           | 313.        | 266.        | 7.0       | 8.3       | -.85  | .04   | -.28  |
| 5796.2                  | C              | 30.0         | 234.       | 3.0           | 316.        | 227.        | 6.9       | 7.7       | .52   | -3.15 | -3.92 |
| 5802.0                  | C              | 16.6         | 158.       | 3.2           | 319.        | 232.        | 6.9       | 7.9       | 2.17  | -1.58 | .12   |
| 5804.0                  | C              | 16.7         | 157.       | 3.3           | 315.        | 230.        | 6.9       | 7.7       | 2.12  | -.91  | .05   |
| 5812.1                  | C              | 32.6         | 179.       | 3.0           | 311.        | 220.        | 6.9       | 7.7       | 3.72  | -2.61 | -2.19 |
| 5814.1                  | B              | 31.1         | 166.       | 3.2           | 312.        | 217.        | 6.9       | 7.7       | 3.78  | -2.70 | -1.37 |
| 5826.0                  | B              | 19.0         | 152.       | 3.3           | 312.        | 238.        | 6.9       | 8.3       | 2.26  | -.76  | .48   |
| 5828.0                  | B              | 19.0         | 150.       | 3.3           | 311.        | 236.        | 6.9       | 8.3       | 2.25  | -.75  | .50   |
| 5872.0                  | C              | 23.8         | 167.       | 2.7           | 314.        | 236.        | 6.9       | 7.7       | 2.97  | -1.70 | -.16  |
| 5874.0                  | B              | 20.1         | 166.       | 2.7           | 313.        | 235.        | 6.9       | 7.9       | 2.46  | -1.32 | -.14  |
| 5880.1                  | A              | 13.4         | 187.       | 2.7           | 310.        | 229.        | 6.9       | 8.0       | 1.30  | -1.60 | -.84  |
| 5882.1                  | A              | 17.5         | 186.       | 2.7           | 312.        | 217.        | 7.0       | 8.1       | 1.55  | -1.49 | -1.37 |
| 5884.1                  | B              | 16.0         | 184.       | 2.7           | 310.        | 210.        | 7.0       | 8.3       | 1.30  | -1.43 | -1.33 |
| 5900.0                  | C              | 19.9         | 259.       | 2.7           | 309.        | 236.        | 7.5       | 7.8       | -.55  | 2.33  | -2.83 |
| 5902.2                  | B              | 6.7          | 237.       | 2.7           | 315.        | 240.        | 7.5       | 7.7       | .09   | -3.35 | -1.16 |
| 5906.1                  | A              | 22.7         | 179.       | 2.4           | 312.        | 238.        | 6.9       | 7.7       | 2.78  | -2.46 | -.67  |
| 5908.1                  | A              | 19.7         | 178.       | 2.5           | 314.        | 237.        | 6.8       | 7.7       | 2.33  | -2.10 | -.57  |
| 5910.0                  | A              | 15.4         | 183.       | 2.7           | 313.        | 237.        | 6.8       | 7.8       | 1.68  | -1.55 | -.63  |

| CORRELATION<br>INTERVAL | CORR.<br>GRADE | DIP<br>ANGLE | DIF<br>AZ. | DRFI<br>ANGLE | DRFI<br>AZ. | AZ.<br>NO.1 | DIA<br>13 | DIA<br>24 | H12   | H13   | H24   |
|-------------------------|----------------|--------------|------------|---------------|-------------|-------------|-----------|-----------|-------|-------|-------|
| 5912.0                  | A              | 11.2         | 200.       | 2.8           | 313.        | 237.        | 6.8       | 8.1       | .94   | -1.13 | -.82  |
| 5936.1                  | A              | 10.4         | 217.       | 2.7           | 313.        | 208.        | 7.7       | 7.7       | -.10  | -.83  | -1.30 |
| 5938.0                  | A              | 24.6         | 168.       | 2.7           | 308.        | 207.        | 7.7       | 7.7       | 2.55  | -1.23 | -1.78 |
| 5940.1                  | A              | 21.3         | 169.       | 2.7           | 309.        | 207.        | 7.6       | 7.6       | 2.10  | -1.75 | -1.51 |
| 5942.1                  | B              | 21.1         | 171.       | 2.8           | 310.        | 207.        | 7.5       | 7.8       | 2.06  | -2.12 | -1.55 |
| 5946.0                  | B              | 15.1         | 273.       | 2.8           | 311.        | 207.        | 7.6       | 8.4       | -1.82 | .93   | -1.12 |
| 5970.0                  | C              | 16.5         | 159.       | 2.6           | 317.        | 184.        | 7.5       | 7.6       | 1.74  | -.03  | -.73  |
| 5972.1                  | C              | 16.4         | 124.       | 2.6           | 316.        | 185.        | 7.5       | 7.6       | 1.93  | -2.37 | -.14  |
| 5982.1                  | B              | 26.6         | 148.       | 2.6           | 310.        | 195.        | 7.5       | 7.6       | 3.12  | -2.54 | -1.33 |
| 5984.1                  | B              | 26.9         | 153.       | 2.5           | 313.        | 200.        | 7.2       | 7.6       | 3.14  | -2.63 | -1.33 |
| 5992.1                  | C              | 20.9         | 175.       | 2.2           | 325.        | 180.        | 7.5       | 7.6       | .99   | -1.34 | -2.35 |
| 6002.1                  | C              | 16.8         | 174.       | 2.3           | 316.        | 184.        | 7.6       | 7.7       | 1.03  | -1.96 | -2.02 |
| 6010.0                  | C              | 27.5         | 162.       | 2.5           | 319.        | 203.        | 7.4       | 7.6       | 3.06  | -1.30 | -1.78 |
| 6018.2                  | B              | 34.3         | 179.       | 2.2           | 316.        | 185.        | 7.6       | 7.8       | 1.96  | -3.42 | -4.44 |
| 6020.1                  | B              | 32.6         | 170.       | 2.2           | 317.        | 182.        | 7.6       | 7.9       | 2.39  | -2.80 | -3.91 |
| 6022.1                  | B              | 17.0         | 178.       | 2.2           | 318.        | 182.        | 7.5       | 7.9       | .74   | -1.51 | -1.90 |
| 6027.9                  | C              | 14.6         | 160.       | 2.2           | 318.        | 187.        | 7.5       | 8.2       | 1.27  | 3.03  | -1.17 |
| 6029.9                  | C              | 12.5         | 180.       | 2.2           | 317.        | 185.        | 7.7       | 8.1       | .49   | 2.87  | -1.35 |
| 6032.1                  | C              | 15.0         | 201.       | 2.3           | 314.        | 184.        | 7.7       | 7.9       | -.18  | -1.96 | -1.86 |
| 6054.0                  | C              | 21.0         | 136.       | 2.1           | 316.        | 158.        | 7.4       | 8.0       | 1.91  | -.54  | -1.84 |
| 6056.1                  | B              | 20.9         | 164.       | 2.1           | 312.        | 157.        | 7.6       | 8.1       | .47   | -1.68 | -2.54 |
| 6058.1                  | B              | 21.4         | 165.       | 2.2           | 310.        | 157.        | 7.7       | 8.0       | .49   | -1.66 | -2.67 |