

Sawyer Rapids 1

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AUG 26 1980

DEPT OF GEOLOGY
& MINERAL INDUSTRIES

*

* SCHLUMBERGER *

HIGH RESOLUTION

DIPMETER

CLUSTER LISTING

NORTHWEST EXPLORATION CO.

W.C./SCOTTSBURG

DOUGLAS , OREGON

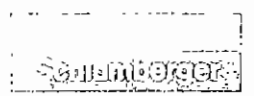
SAWYER RAPIDS #1

RUN NO. ONE JOB NO. 4422

CLUSTER RESULTS ONLY

4FT. CORR. - 2 FT. STEP

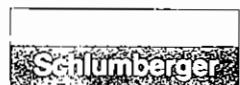
30 DEG. X2 SEARCH ANGLE



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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*          *-----*-----*      INDEX *
* DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIAM    DIAM  * BEST *
*          *      AZI.  *          *      AZI.    1-3    2-4  * =A *
*****
*
* 706    10.2    307    2.9    116    10.2    8.9    A *
* 708     8.8    318    3.0    117    10.0    8.8    A *
* 710     8.1    323    3.0    118     9.8    8.8    A *
* 712     9.0    310    2.9    116     9.7    8.8    A *
* 714     9.3    311    2.8    117     9.8    8.8    A *
* 716    10.3    308    2.8    119    10.0    8.8    A *
* 718    10.1    303    3.0    115    10.1    8.8    A *
* 720     9.8    298    3.0    115    10.4    8.9    A *
* 722     3.1    249    3.0    114    11.4    9.1    C *
* 724     3.3     57    2.9    115    11.9    9.1    C *
* 726     2.8    118    11.5    8.9 *
* 728     2.9    116    11.1    8.6 *
* 730     7.9    284    3.0    115    10.9    8.5    C *
* 732     5.4    277    3.0    116    10.8    8.5    A *
* 734     9.5    275    3.0    117    10.9    8.6    A *
* 736     9.9    281    3.0    118    10.9    8.8    A *
* 738     6.5    235    3.0    118    10.8    8.9    A *
* 740     6.1    243    3.0    118    10.4    9.1    A *
* 742     3.0    286    2.9    117    10.0    9.4    A *
* 744     4.8    324    3.0    115    10.0    9.5    A *
* 746     7.4    331    3.0    115     9.9    9.3    A *
* 748     4.7    105    2.9    116     9.7    9.0    A *
* 750     2.4     92    2.9    118     9.6    8.9    A *
* 752     2.2     62    2.9    120     9.5    8.9    A *
* 754     1.6     6     2.9    119     9.5    8.9    A *
* 756     3.6    103    2.9    118     9.5    9.0    C *
* 758     0.6    118    3.0    115     9.5    9.2    A *
* 760     1.1    275    3.0    117     9.5    9.4    A *
* 762     2.3    275    3.0    119     9.5    9.4    A *
* 764     7.5    276    3.0    119     9.5    9.2    C *
* 766     8.8    283    3.0    121     9.7    9.1    A *
* 768     9.5    299    3.0    119     9.8    9.1    A *
* 770     7.8    308    3.0    117     9.7    9.1    A *
* 772     5.5    322    3.0    123     9.4    9.2    A *
* 774     4.1    327    3.0    124     9.4    9.4    A *
* 776    12.3    314    3.0    125     9.3    9.5    A *
* 778    11.2    309    3.1    125     9.0    9.5    A *
* 780    10.1    305    3.1    123     9.0    9.7    A *
* 782     3.1    125     9.3    10.0 *
* 784     3.1    126     9.2    10.1 *
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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST *
*         *       AZI. *       AZI.   1-3   2-4   * =A *
*****
*
* 786     8.3     329     3.1     123     9.0     9.7     A
* 788     8.8     321     3.3     123     9.1     9.2     A
* 790     9.3     316     3.4     124     9.3     8.8     A
* 792     9.0     314     3.4     125     9.4     8.7     A
* 794    10.4     330     3.4     124     9.5     8.7     A
* 796    10.1     331     3.3     123     9.6     8.9     A
* 798    10.1     324     3.4     123     9.7     9.1     A
* 800    16.0     292     3.4     124     9.8     9.1     A
* 802    11.8     237     3.4     124     9.9     8.9     C
* 804     7.3     279     3.4     126    10.0     8.7     A
* 806     7.0     286     3.4     126    10.1     8.7     A
* 808     6.3     304     3.5     124     9.9     8.7     A
* 810     4.9     317     3.4     126     9.7     8.8     A
* 812     5.3     320     3.4     126     9.6     8.8     A
* 814     7.0     315     3.5     123     9.3     8.9     A
* 816    11.6     301     3.5     121     8.9     9.1     A
* 818     6.8     310     3.6     122     8.8     9.2     A
* 820     5.7     331     3.6     125     8.8     9.3     A
* 822     5.3     333     3.5     125     8.8     9.4     A
* 824     6.2     316     3.5     124     8.8     9.4     A
* 826     6.2     317     3.5     126     8.7     9.5     A
* 828     6.3     329     3.5     126     8.7     9.6     A
* 830     7.1     318     3.5     125     8.7     9.7     A
* 832     7.7     314     3.6     126     8.8     9.7     A
* 834     7.8     310     3.6     124     8.9     9.8     A
* 836     8.1     298     3.5     122     9.1     9.9     A
* 838     7.4     272     3.6     120     9.3     9.9     A
* 840     5.4     287     3.6     120     9.6     9.5     A
* 842     6.0     313     3.6     122     9.9     9.0     A
* 844     6.0     311     3.6     120    10.0     8.9     A
* 846     4.6     309     3.5     120    10.1     9.0     A
* 848     4.0     298     3.5     121    10.1     9.0     A
* 850     4.5     291     3.6     119    10.0     9.0     A
* 852     3.9     296     3.6     120    10.1     9.0     A
* 854     3.7     309     3.5     121    10.1     9.0     A
* 856     4.1     297     3.5     120    10.1     9.0     A
* 858     4.3     296     3.5     119    10.0     8.9     A
* 860     4.1     309     3.6     120    10.0     9.0     A
* 862     3.9     281     3.6     120    10.1     9.0     A
* 864     6.4     319     3.5     118    10.1     8.9     A
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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST *
*         *     *   AZI. *     *     AZI.   1-3   2-4   *  =A  *
*****
*
* 866     5.3   299     3.5   118     10.2   9.0     A   *
* 868     5.3   289     3.4   121     10.3   9.1     A   *
* 870     9.2   249     3.5   121     10.3   9.1     A   *
* 872     5.2   250     3.5   119     10.3   9.0     A   *
* 874     4.4   268     3.4   119     10.3   9.0     A   *
* 876     3.9   277     3.4   120     10.2   8.9     A   *
* 878     4.2   256     3.3   120     10.3   8.8     A   *
* 880     6.0   253     3.4   119     10.2   8.8     A   *
* 882     2.4   298     3.5   118     10.1   8.8     A   *
* 884     2.3   298     3.4   120     10.1   8.9     A   *
* 886     1.3   300     3.3   120     10.1   8.9     A   *
* 888     4.7   177     3.3   119     9.8     9.0     A   *
* 890     3.8   157     3.3   119     9.6     9.0     C   *
* 892     2.5   171     3.3   117     9.3     9.1     A   *
* 894     3.5   184     3.2   114     8.9     9.1     A   *
* 896     4.8   275     3.1   112     8.8     9.1     A   *
* 898     4.9   272     3.0   111     9.1     9.2     A   *
* 900     8.4   270     3.0   113     9.2     9.3     A   *
* 902     8.2   263     3.1   114     9.2     9.4     A   *
* 904     9.8   284     3.1   114     9.3     9.4     A   *
* 906     9.4   278     3.1   115     9.5     9.4     A   *
* 908     9.4   272     3.2   118     9.6     9.5     A   *
* 910     8.2   291     3.2   119     9.8     9.3     A   *
* 912     9.1   352     3.3   118     9.8     9.2     C   *
* 914     5.7   290     3.2   117     9.9     9.2     A   *
* 916     5.2   299     3.1   119     10.1   9.3     A   *
* 918     6.2   258     3.2   120     10.2   9.3     A   *
* 920     9.0   248     3.3   119     10.3   9.3     A   *
* 922    13.5   260     3.4   121     10.7   9.3     A   *
* 924    11.8   244     3.4   122     11.0   9.1     C   *
* 926    10.9   265     3.5   119     11.2   8.7     A   *
* 928     9.8   311     3.5   118     11.2   8.6     A   *
* 930     8.5   328     3.4   117     11.2   8.7     A   *
* 932     9.1   329     3.5   117     11.2   8.8     A   *
* 934     8.6   327     3.5   116     11.4   8.9     A   *
* 936     7.8   325     3.3   115     11.5   8.8     A   *
* 938     8.4   303     3.3   117     11.3   8.6     A   *
* 940     9.2   292     3.4   117     11.3   8.4     D   *
* 942    11.6   306     3.4   119     11.4   8.4     D   *
* 944    11.3   305     3.4   118     11.5   8.4     D   *
*****

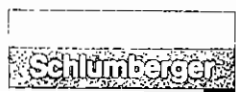
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*****
*          *          FORMATION          *          BOREHOLE          *          QUAL.          *
*          *          -----          *          -----          *          INDEX          *
* DEPTH   *   DIP    DIP    *   DEV.    DEV.    DIAM    DIAM    * BEST          *
*          *          AZI.    *          AZI.    1-3    2-4    * =A          *
*****
*
*   946
*   948      13.6      285      3.3      119      11.6      8.4
*   950      31.4      51       3.3      120      11.4      8.7      D
*   952      24.1      49       3.3      118      11.2      8.9
*   954      10.4      297      3.3      120      11.3      8.8      B
*   956      12.3      347      3.4      119      11.5      8.9      D
*   958      12.3      347      3.4      117      11.6      9.0      D
*   958      15.4      4       3.4      116      11.6      9.1
*   960      12.8      2       3.3      116      11.8      9.3      D
*   962
*   962      3.3      116      12.0      9.6
*   964      28.7      299      3.3      116      12.2      9.7      B
*   966      28.1      295      3.4      118      12.2      9.4      B
*   968      35.0      282      3.3      118      12.2      9.3      D
*   970      29.7      294      3.3      118      12.2      9.3      D
*   972
*   972      3.3      117      12.3      9.2
*   974
*   974      3.3      115      12.3      9.2
*   976
*   976      3.3      116      12.4      9.2
*   978
*   978      3.4      116      12.5      9.1
*   980
*   980      3.4      116      12.2      9.1
*   982      69.1      19      3.3      117      12.0      9.0      D
*   984      69.1      17      3.3      115      11.9      8.9      D
*   986
*   986      3.3      115      11.9      8.8
*   988
*   988      3.3      117      11.9      8.9
*   990
*   990      3.3      114      11.9      9.0
*   992
*   992      3.2      115      12.0      8.7
*   994
*   994      3.2      115      12.3      8.5
*   996
*   996      3.2      114      12.5      8.4
*   998
*   998      3.3      118      12.5      8.5
*  1000
*  1000      3.3      119      12.5      8.6
*  1002
*  1002      3.2      120      12.3      8.6
*  1004
*  1004      3.2      122      12.0      8.6
*  1006
*  1006      3.2      120      11.7      8.6
*  1008
*  1008      12.2      174      3.2      119      11.7      8.7      D
*  1010
*  1010      11.1      175      3.2      119      11.7      8.8      D
*  1012
*  1012      13.5      250      3.2      118      11.5      8.8      B
*  1014
*  1014      3.2      118      11.4      9.0
*  1016
*  1016      12.7      142      3.2      118      11.4      9.0      D
*  1018
*  1018      15.4      252      3.1      119      11.4      8.8      D
*  1020
*  1020      3.2      120      11.4      8.7
*  1022
*  1022      3.3      118      11.6      8.7
*  1024
*  1024      3.1      117      11.6      8.7
*****

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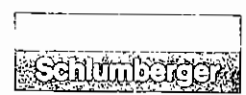
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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *  DIP    DIP    *  DEV.   DEV.   DIAM    DIAM  * BEST *
*          *      AZI.  *      AZI.   1-3    2-4  * =A *
*****
*
* 1026          3.1    118    11.5    8.9
* 1028          3.0    116    11.6    9.0
* 1030          3.0    117    11.8    8.9
* 1032          3.0    117    12.1    8.8
* 1034          3.0    118    12.1    8.8
* 1036          3.0    119    11.8    8.6
* 1038          3.0    120    11.7    8.5
* 1040          3.0    118    11.6    8.5
* 1042          3.0    116    11.1    8.6
* 1044          3.0    116    10.7    8.7
* 1046          3.0    115    10.6    8.7
* 1048          3.1    115    10.5    8.7
* 1050          29.3   288    3.0    114    10.6    8.7    D
* 1052          26.5   296    2.8    114    10.8    8.7    D
* 1054          16.4   233    2.9    115    11.1    8.7    D
* 1056          17.1   235    2.9    115    11.4    8.6    D
* 1058          23.6   292    2.8    114    11.5    8.6    D
* 1060          2.8    115    11.7    8.6
* 1062          2.8    117    11.9    8.6
* 1064          2.7    116    12.2    8.6
* 1066          2.7    114    12.3    8.5
* 1068          2.7    115    12.3    8.4
* 1070          2.7    117    12.4    8.5
* 1072          2.8    116    12.4    8.6
* 1074          2.8    114    12.4    8.6
* 1076          2.8    115    12.3    8.6
* 1078          2.7    117    11.6    8.7
* 1080          2.7    117    10.9    8.8
* 1082          2.8    114    10.7    8.9
* 1084          2.9    112    10.7    9.0
* 1086          2.7    111    10.7    8.9
* 1088          2.6    113    10.8    8.9
* 1090          2.6    112    11.1    8.9
* 1092          6.1    286    2.6    111    11.4    9.0    B
* 1094          2.6    112    11.8    9.1
* 1096          2.6    113    12.1    9.0
* 1098          2.5    115    12.3    8.9
* 1100          2.6    114    12.4    8.8
* 1102          2.7    114    12.5    8.8
* 1104          2.6    114    12.5    8.7
*****
    
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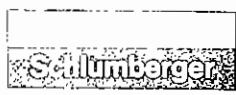
* FORMATION * BUREHOLE * QUAL. *									
* ----- * ----- * INDEX *									
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST		
		AZI.		AZI.	1-3	2-4	=A		

* 1106			2.6	113	12.7	8.7			
* 1108			2.7	113	12.9	8.7			
* 1110	55.0	98	2.7	114	12.8	8.7		D	
* 1112			2.6	116	12.4	8.7			
* 1114	55.0	97	2.6	116	12.2	8.8		D	
* 1116	55.4	92	2.7	114	12.3	9.0		D	
* 1118			2.7	113	12.3	9.0			
* 1120			2.6	113	12.2	8.9			
* 1122			2.6	115	12.2	8.7			
* 1124			2.6	115	12.3	8.4			
* 1126	52.3	284	2.6	112	12.4	8.3		D	
* 1128	51.2	288	2.6	112	12.2	8.3		D	
* 1130			2.6	115	12.1	8.3			
* 1132			2.6	117	12.1	8.3			
* 1134			2.7	116	12.1	8.3			
* 1136			2.6	114	12.1	8.3			
* 1138			2.5	114	12.3	8.3			
* 1140			2.5	116	12.4	8.3			
* 1142			2.6	116	12.4	8.2			
* 1144			2.6	113	12.4	8.1			
* 1146			2.6	112	12.5	8.1			
* 1148			2.5	114	12.5	8.1			
* 1150			2.5	114	12.6	8.1			
* 1152			2.5	112	12.7	8.1			
* 1154			2.5	112	12.7	7.9			
* 1156			2.5	111	12.8	8.0			
* 1158			2.5	113	12.8	8.0			
* 1160			2.4	114	12.8	8.0			
* 1162			2.4	114	12.7	8.1			
* 1164			2.5	114	12.7	8.2			
* 1166			2.4	115	12.6	8.2			
* 1168			2.4	114	12.5	8.3			
* 1170			2.4	113	12.3	8.4			
* 1172			2.4	113	12.0	8.6			
* 1174			2.4	115	11.7	8.7			
* 1176			2.3	115	11.6	8.8			
* 1178			2.3	113	11.8	9.0			
* 1180			2.3	113	11.8	9.0			
* 1182	2.6	201	2.3	113	11.8	8.9		C	
* 1184	12.1	314	2.4	115	11.9	8.8		C	



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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*         *       AZI. *       AZI.   1-3   2-4 * =A *
*****
*
* 1186     8.6     2       2.4     115     11.9     8.7     A *
* 1188    12.6    27      2.4     115     11.9     8.8     C *
* 1190     2.2     113     2.2     113     11.9     8.9     *
* 1192     4.7    320     2.1     113     11.9     8.9     C *
* 1194     2.1     115     2.1     115     11.9     9.0     *
* 1196    10.7     4       2.1     115     11.9     9.0     C *
* 1198    11.9     3       2.1     113     11.8     9.0     A *
* 1200     3.3    322     2.2     112     11.7     9.1     A *
* 1202     0.6    248     2.1     113     11.5     9.1     A *
* 1204     0.3    213     2.2     114     11.3     9.1     A *
* 1206     0.6     86     2.2     109     11.0     9.1     A *
* 1208    10.5    167     2.2     109     10.9     9.2     C *
* 1210    24.4     3       2.2     111     10.8     9.2     B *
* 1212     3.3    274     2.2     113     10.6     9.2     C *
* 1214     4.9    285     2.2     110     10.6     9.2     A *
* 1216     3.4    303     2.1     103     10.7     9.1     A *
* 1218     2.4    333     2.0     104     10.4     9.1     A *
* 1220     2.6    345     1.9     106     10.2     9.2     A *
* 1222     8.8    318     1.9     107     10.5     9.3     D *
* 1224     1.7    137     1.9     107     11.0     9.3     b *
* 1226     1.8    183     1.8     108     11.2     9.3     B *
* 1228    14.3    196     1.8     110     11.1     9.4     D *
* 1230    20.8    202     1.8     110     11.1     9.6     B *
* 1232     1.8     107     1.8     107     11.2     9.6     *
* 1234     1.6     13     1.8     109     11.2     9.6     D *
* 1236     4.3     92     1.8     113     11.1     9.6     D *
* 1238     1.9     112     1.9     112     11.1     9.6     *
* 1240     1.9     109     1.9     109     11.2     9.5     *
* 1242    11.5    299     1.8     107     11.2     9.5     D *
* 1244     7.5    318     1.7     108     11.1     9.6     D *
* 1246    10.3    335     1.6     108     11.1     9.6     B *
* 1248     6.2    334     1.7     106     11.0     9.5     D *
* 1250     4.4    279     1.8     104     10.9     9.5     D *
* 1252    17.9    300     1.8     104     10.9     9.6     D *
* 1254     1.7     106     1.7     106     10.9     9.5     *
* 1256     1.7     107     1.7     107     11.0     9.4     *
* 1258    10.3    319     1.7     104     11.0     9.4     B *
* 1260    11.7    316     1.7     103     11.0     9.4     D *
* 1262    10.4    334     1.7     105     10.9     9.4     A *
* 1264    11.0    331     1.7     106     10.9     9.3     C *
*****
    
```




```

*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST *
*          *      AZI. *      AZI.   1-3   2-4   * =A *
*****
*
* 1266   10.3   340           1.7   103   11.0   9.4   C *
* 1268   11.4   336           1.7   101   10.9   9.4   C *
* 1270           1.8   104   10.6   9.4   *
* 1272   19.8   319           1.8   104   10.5   9.3   D *
* 1274   9.2    282           1.8   103   10.4   9.3   B *
* 1276   7.1    250           1.8   101   10.3   9.2   B *
* 1278   7.4    257           1.7   101   10.3   9.2   B *
* 1280   30.2   315           1.7   102   10.2   9.2   B *
* 1282   28.0   318           1.7   102   10.2   9.1   B *
* 1284   22.5   321           1.7   101   10.5   9.1   D *
* 1286   6.3    276           1.7   101   10.7   9.2   D *
* 1288           1.8   105   10.6   9.1   *
* 1290           1.7   104   10.7   9.1   *
* 1292           1.8   98   11.0   9.1   *
* 1294   2.3    306           1.8   93   11.3   9.1   D *
* 1296           1.9   94   11.3   9.1   *
* 1298           1.8   97   11.1   9.2   *
* 1300           1.7   96   11.0   9.2   *
* 1302           1.7   95   11.1   9.2   *
* 1304           1.8   96   11.2   9.2   *
* 1306   5.2    326           1.8   99   11.2   9.2   B *
* 1308   4.1     40           1.9   98   11.1   9.2   D *
* 1310   3.8     18           2.0   96   11.1   9.2   B *
* 1312   4.1     17           1.8   98   11.1   9.2   A *
* 1314   6.9     17           1.8   101   11.3   9.3   A *
* 1316   6.6     2           1.8   101   11.4   9.3   C *
* 1318   4.6    295           1.8   98   11.4   9.3   A *
* 1320   4.2    294           1.9   97   11.3   9.3   A *
* 1322           1.9   99   11.3   9.3   *
* 1324   9.6     53           1.9   100   11.4   9.3   C *
* 1326   2.1    203           1.9   97   11.5   9.4   C *
* 1328   4.6     70           1.9   95   11.6   9.4   A *
* 1330   5.6     87           1.9   95   11.6   9.5   A *
* 1332   4.1    319           1.8   96   11.6   9.5   D *
* 1334   3.4    124           1.9   97   11.6   9.5   D *
* 1336           1.9   97   11.5   9.5   *
* 1338   1.4    238           1.9   98   11.4   9.5   D *
* 1340           1.8   98   11.4   9.6   *
* 1342           1.9   95   11.4   9.6   *
* 1344   0.5    165           2.0   94   11.3   9.5   B *
*****

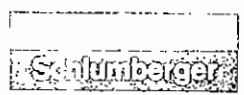
```



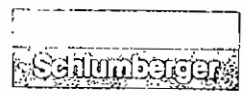
```

*****
*          *      FORMATION      *          *      BOREHOLE      *      GUAL.      *
*          *      -----      *          *      -----      *      INDEX      *
*  DEPTH  *      DIP      LIP      *      DEV.      DEV.      DIAM      DIAM      *      BEST      *
*          *      AZI.      *      *      AZI.      1-3      2-4      *      =A      *
*****
*
*  1346      3.5      90      1.9      95      11.3      9.5      B      *
*  1348      1.9      95      11.4      9.5      *
*  1350      1.7      337      1.9      94      11.5      9.5      D      *
*  1352      7.4      206      1.9      93      11.6      9.3      A      *
*  1354      8.6      209      1.9      94      12.1      9.2      A      *
*  1356      7.2      255      1.9      97      12.2      9.3      C      *
*  1358      7.9      236      2.0      96      11.9      9.3      C      *
*  1360      2.0      96      11.9      9.2      *
*  1362      2.0      96      12.4      9.3      *
*  1364      7.1      174      1.9      95      12.5      9.3      C      *
*  1366      1.6      310      2.0      95      11.7      9.3      A      *
*  1368      3.4      177      2.0      93      11.3      9.4      A      *
*  1370      3.0      222      2.0      92      11.3      9.4      A      *
*  1372      3.7      271      2.0      95      11.5      9.4      A      *
*  1374      1.2      126      1.9      96      11.6      9.4      C      *
*  1376      5.5      2      2.0      94      11.8      9.4      A      *
*  1378      4.5      236      2.0      92      11.8      9.4      C      *
*  1380      7.8      270      2.0      95      11.7      9.4      C      *
*  1382      7.6      184      2.1      96      12.2      9.3      A      *
*  1384      3.7      233      2.0      94      12.4      9.3      C      *
*  1386      4.0      284      2.0      93      12.1      9.3      A      *
*  1388      4.0      285      2.1      93      12.1      9.3      A      *
*  1390      2.1      335      2.1      93      12.3      9.2      A      *
*  1392      4.9      310      2.2      92      12.2      9.2      A      *
*  1394      6.0      307      2.1      92      12.0      9.3      A      *
*  1396      7.2      308      2.1      94      12.1      9.3      A      *
*  1398      7.8      308      2.1      94      12.3      9.3      A      *
*  1400      6.0      297      2.1      93      12.6      9.3      A      *
*  1402      3.9      305      2.1      91      12.6      9.4      A      *
*  1404      3.4      308      2.1      92      12.2      9.4      A      *
*  1406      2.9      323      2.2      95      12.2      9.4      A      *
*  1408      3.3      324      2.2      93      12.2      9.5      A      *
*  1410      3.6      328      2.1      92      12.2      9.4      A      *
*  1412      2.7      318      2.1      95      12.6      9.4      A      *
*  1414      3.8      84      2.1      97      12.7      9.5      C      *
*  1416      3.0      78      2.2      96      12.4      9.4      A      *
*  1418      7.9      117      2.2      91      12.5      9.4      A      *
*  1420      7.3      106      2.3      90      12.6      9.4      A      *
*  1422      3.4      73      2.2      91      12.4      9.4      A      *
*  1424      4.8      46      2.1      91      11.9      9.4      B      *
*****

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* FORMATION *			* BOREHOLE *				* QUAL. *
* DEPTH *	* DIP *	DIP AZI. *	* DEV. *	DEV. AZI. *	DIAM 1-3 *	DIAM 2-4 *	* INDEX * BEST * =A *
* 1426	5.5	56	2.2	91	11.5	9.5	B
* 1428	9.3	55	2.2	91	11.5	9.5	D
* 1430	6.8	87	2.2	92	11.4	9.5	B
* 1432	8.4	109	2.2	92	11.4	9.5	D
* 1434	0.7	269	2.1	92	11.3	9.5	D
* 1436	1.3	266	2.2	95	11.2	9.5	D
* 1438	6.8	13	2.3	98	11.4	9.4	D
* 1440	1.8	41	2.2	98	11.4	9.2	D
* 1442	16.9	44	2.1	98	11.3	9.2	D
* 1444			2.1	98	11.4	9.4	D
* 1446	11.3	64	2.1	98	11.5	9.5	D
* 1448	13.9	45	2.1	96	11.6	9.5	D
* 1450	12.7	43	2.1	93	11.7	9.5	D
* 1452	11.2	41	2.1	98	11.7	9.4	D
* 1454	7.7	30	2.1	99	11.6	9.4	B
* 1456	8.3	3	2.2	96	11.7	9.4	B
* 1458	8.7	1	2.1	94	11.7	9.4	B
* 1460	9.7	355	2.1	94	11.6	9.4	D
* 1462			2.2	96	11.6	9.5	D
* 1464	3.3	152	2.2	97	11.6	9.5	D
* 1466			2.1	96	11.6	9.4	D
* 1468	5.2	277	2.1	96	11.7	9.5	D
* 1470	4.2	69	2.1	98	11.7	9.5	D
* 1472			2.1	96	11.8	9.5	D
* 1474	1.1	359	2.1	95	11.7	9.4	D
* 1476			2.1	97	11.6	9.4	D
* 1478			2.2	100	11.7	9.5	D
* 1480	2.7	59	2.2	98	11.7	9.5	B
* 1482	3.3	19	2.2	94	11.7	9.4	B
* 1484	4.9	360	2.1	95	11.7	9.4	A
* 1486	3.8	310	2.1	97	11.5	9.4	A
* 1488	13.5	215	2.1	95	11.5	9.4	C
* 1490	4.0	340	2.2	94	11.5	9.5	A
* 1492	7.0	235	2.2	96	11.4	9.5	A
* 1494	8.6	238	2.1	97	11.4	9.5	A
* 1496	2.0	269	2.1	96	11.3	9.6	A
* 1498	1.2	64	2.1	93	11.1	9.6	A
* 1500	5.1	317	2.0	96	10.9	9.5	C
* 1502	8.1	311	2.1	98	11.1	9.4	A
* 1504	7.8	295	2.2	96	11.4	9.4	A



```
*****
*          *      FORMATION      *          *      BOREHOLE      *      QUAL.      *
*          *-----*-----*          *          *      INDEX      *
* DEPTH   *      DIP      DIP      *      DEV.      DEV.      DIAM      DIAM      * BEST      *
*          *          AZI.      *          *          *          *          *      =A      *
*****
```

DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST
* 1506	7.0	291	2.1	93	11.4	9.4	C
* 1508	3.7	311	2.1	96	11.3	9.4	A
* 1510	3.6	333	2.0	98	11.3	9.4	A
* 1512	3.6	339	2.1	98	11.6	9.5	A
* 1514	3.4	22	2.1	97	12.1	9.5	A
* 1516	2.8	338	2.2	98	12.4	9.5	A
* 1518	8.9	282	2.1	99	12.5	9.5	C
* 1520	11.6	288	2.1	101	12.7	9.5	C
* 1522	10.9	315	2.1	99	12.6	9.5	A
* 1524	11.0	319	2.1	99	12.5	9.5	A
* 1526	7.2	323	2.1	100	12.5	9.5	A
* 1528	5.7	332	2.1	100	12.5	9.5	A
* 1530	8.2	330	2.2	100	12.6	9.6	A
* 1532	1.7	323	2.1	99	12.6	9.6	C
* 1534	1.5	353	2.2	101	12.4	9.6	C
* 1536			2.2	101	12.4	9.6	
* 1538	4.7	313	2.2	101	12.2	9.6	A
* 1540	7.9	301	2.2	101	11.9	9.6	A
* 1542	7.9	299	2.2	101	11.6	9.7	A
* 1544	5.0	335	2.2	103	11.6	9.6	A
* 1546	4.7	339	2.1	103	12.0	9.5	A
* 1548	6.7	295	2.2	99	13.0	9.5	A
* 1550	3.6	284	2.1	100	13.5	9.5	A
* 1552	3.1	306	2.2	100	12.9	9.5	C
* 1554	7.6	328	2.3	99	12.1	9.6	A
* 1556	5.3	298	2.2	98	11.8	9.7	A
* 1558	5.7	291	2.3	96	11.7	9.8	A
* 1560			2.3	96	11.5	9.9	
* 1562			2.2	96	11.2	9.8	
* 1564	5.2	308	2.2	97	11.1	9.7	C
* 1566	5.5	295	2.2	96	11.4	9.7	A
* 1568	4.3	302	2.2	97	11.6	9.6	A
* 1570	3.8	302	2.2	97	11.7	9.6	A
* 1572	3.9	277	2.2	93	11.4	9.7	A
* 1574	4.7	287	2.1	92	11.2	9.7	A
* 1576	6.0	286	2.1	94	11.2	9.8	A
* 1578	7.2	286	2.1	96	11.3	9.9	C
* 1580			2.1	93	11.3	10.0	
* 1582			2.1	91	11.0	10.0	
* 1584	14.6	255	2.1	95	10.9	10.0	B

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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST *
*         *       AZI. *       AZI.   1-3   2-4   * =A   *
*****
*
* 1586    10.2    272    2.1    97    10.8    9.9    D
* 1588
* 1590
* 1592
* 1594    13.9    258    2.2    97    11.4    9.9    D
* 1596
* 1598
* 1600     4.7    281    2.2    96    11.0    9.8    A
* 1602     4.8    297    2.2    96    10.7    9.8    A
* 1604     4.2    305    2.2    92    10.9    9.8    A
* 1606     4.4    296    2.1    91    11.1    9.9    A
* 1608     1.5    273    2.2    96    10.9    9.8    A
* 1610     2.0     49    2.1    98    10.7    9.8    A
* 1612     2.6     19    2.1    96    10.9    9.8    A
* 1614     1.8    342    2.1    95    11.3    9.7    A
* 1616
* 1618     3.3    305    2.1    94    11.2    9.6    A
* 1620     3.6    303    2.1    97    10.9    9.7    A
* 1622
* 1624     3.9    301    2.2    95    11.2    9.7    A
* 1626     3.7    292    2.1    95    10.3    9.7    A
* 1628     7.3    153    2.1    92    10.2    9.7    C
* 1630     2.8    305    2.1    92    10.2    9.8    C
* 1632     5.8    262    2.1    92    10.4    9.9    A
* 1634     6.1    257    2.1    90    10.5    9.9    A
* 1636     7.0    259    2.1    88    10.4    10.0    A
* 1638     6.3    273    2.1    90    10.4    10.0    A
* 1640     5.5    277    2.0    94    10.5    10.0    A
* 1642     1.1     31    2.0    96    10.5    10.0    D
* 1644     1.0    126    2.0    94    10.4    10.0    B
* 1646     5.1    283    2.0    93    10.4    10.0    A
* 1648     5.6    276    2.0    95    10.4    10.0    A
* 1650     6.1    267    1.9    96    10.3    10.1    A
* 1652     4.7    265    2.0    95    10.2    10.1    A
* 1654     4.6    279    2.1    98    10.2    10.1    A
* 1656     4.5    281    2.0    100   10.1    10.1    A
* 1658     9.2    325    2.0    99    10.0    10.2    A
* 1660     6.3    321    2.0    97    10.1    10.2    A
* 1662     2.0    304    1.8    95    10.1    10.4    A
* 1664     4.9    341    1.9    98    10.2    10.5    A
*****
    
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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST   *
*          *       AZI. *       AZI.   1-3   2-4   * =A    *
*****
*
* 1666                2.0    99    10.2   10.4
* 1668      7.2    195    2.0    97    10.2   10.4      C
* 1670      7.2     33    2.0    96    10.2   10.5      A
* 1672      5.9     39    1.9    97    10.2   10.6      A
* 1674      2.4     34    1.9    99    10.1   10.8      A
* 1676      1.9     20    1.9    99    10.0   10.9      A
* 1678      0.6     81    2.0    98     9.9   10.8      A
* 1680      5.6    322    2.0    98     9.8   10.8      A
* 1682      4.8    318    1.9    97     9.7   11.0      A
* 1684      3.4    308    2.0    95     9.7   11.0      A
* 1686      1.0    318    2.0    94     9.6   10.9      A
* 1688     18.5    216    2.0    95     9.6   10.9      D
* 1690                2.0    96     9.6   11.2
* 1692                2.0    96     9.5   11.5
* 1694     26.3    131    2.1    93     9.6   11.5      D
* 1696     27.8    125    2.1    93     9.5   11.7      B
* 1698      3.0     85    2.0    97     9.5   11.7      B
* 1700      3.6     76    2.0    97     9.5   11.9      B
* 1702     12.9    232    2.0    95     9.5   12.2      B
* 1704     15.8    232    2.0    96     9.5   12.2      B
* 1706     16.0    228    2.0    97     9.5   12.0      B
* 1708      9.9    215    2.0    94     9.3   11.9      C
* 1710      4.8      9    2.0    92     9.4   11.8      A
* 1712      0.9     22    2.0    93     9.4   11.7      A
* 1714      2.4     48    2.0    94     9.4   12.0      A
* 1716      4.3    314    2.1    96     9.5   12.3      A
* 1718      4.7    303    2.1    99     9.5   12.2      A
* 1720      6.8    340    2.1    99     9.6   11.6      A
* 1722      5.8    338    2.1    95     9.6   11.5      A
* 1724                2.1    95     9.6   12.1
* 1726      4.0    324    2.1    90     9.6   12.4      A
* 1728      3.5    318    2.1    88     9.6   11.3      A
* 1730      4.0    343    2.1    90     9.6   10.2      A
* 1732      5.4    332    2.1    89     9.7   10.0      A
* 1734      5.3    333    2.2    88     9.8     9.9      A
* 1736      5.8    342    2.2    88     9.8     9.8      A
* 1738      5.5    338    2.1    89     9.8     9.7      A
* 1740      6.2    323    2.1    88     9.8     9.7      A
* 1742      8.0    316    2.2    92     9.8     9.6      A
* 1744      6.5    330    2.2    96     9.9     9.6      C
*****
    
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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*          *-----*-----*-----*-----*
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * INDEX *
*         *       AZI. *       AZI.   1-3   2-4   * BEST *
*         *         *         *         *         *         *   =A *
*****
*
* 1746    6.0    351    2.2    99    10.0    9.7    D
* 1748    4.8    332    2.2    99    10.0    9.7    B
* 1750    2.1    27     2.1    98    10.1    9.7    B
* 1752    2.6    18     2.1    99    10.1    9.8    B
* 1754    2.8    245    2.1    100   10.2    9.9    D
* 1756    2.1    99    2.1    99    10.2    9.9
* 1758    2.1    99    2.1    99    10.2    9.9
* 1760    8.5    101   2.1    100   10.3    9.9
* 1762    11.0   291   2.1    100   10.3    9.9    D
* 1764    2.2    103   2.2    103   10.2    9.9
* 1766    2.2    105   2.2    105   10.2    9.9
* 1768    4.1    336   2.1    103   10.1    9.9    D
* 1770    4.4    11    2.2    101   10.0    9.9    B
* 1772    2.2    101   2.2    101   10.0    9.9
* 1774    2.0    8     2.2    101   9.9     9.9    C
* 1776    5.7    149   2.2    101   9.9     9.9    C
* 1778    4.8    133   2.2    101   9.8     9.9    C
* 1780    4.4    258   2.2    99    9.6     9.9    C
* 1782    1.5    304   2.2    99    9.6     10.0   A
* 1784    2.1    342   2.2    100   9.6     9.9    A
* 1786    3.3    308   2.2    101   9.8     9.8    A
* 1788    6.9    296   2.1    103   9.9     9.8    A
* 1790    6.8    359   2.1    103   9.9     9.8    C
* 1792    4.8    360   2.1    101   10.0    9.8    A
* 1794    5.7    2     2.1    100   10.0    9.8    A
* 1796    3.4    22    2.1    99    10.1    9.8    A
* 1798    3.4    87    2.1    99    10.1    9.8    A
* 1800    2.0    114   2.0    96    10.1    9.8    A
* 1802    3.9    224   2.1    96    10.1    9.8    A
* 1804    4.2    160   2.1    99    10.1    9.7    C
* 1806    8.3    147   2.1    102   10.1    9.8    C
* 1808    2.1    104   2.1    104   10.1    9.7
* 1810    2.7    109   2.0    103   10.1    9.7    C
* 1812    5.7    341   2.0    103   10.1    9.7    C
* 1814    6.8    334   2.0    103   10.0    9.6    A
* 1816    4.8    331   2.0    101   10.0    9.6    A
* 1818    4.2    301   2.0    99    10.0    9.6    A
* 1820    4.0    290   2.0    97    9.9     9.6    A
* 1822    8.7    255   2.0    95    9.8     9.6    C
* 1824    4.6    207   2.0    96    9.8     9.6    C
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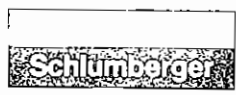
*****		*****					*****		*****	
*****		FORMATION			BOREHOLE			*****		
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	INDEX	BEST		
		AZI.		AZI.	1-3	2-4		=A		

* 1826			1.9	98	9.8	9.8			*	
* 1828	8.8	285	1.9	101	9.8	9.9	A		*	
* 1830			1.9	103	9.8	9.9			*	
* 1832	4.1	294	1.8	102	9.9	10.0	C		*	
* 1834	2.9	26	1.8	101	9.9	10.0	C		*	
* 1836	1.7	343	1.8	100	9.9	10.1	C		*	
* 1838	3.1	344	1.8	99	9.8	10.1	C		*	
* 1840			1.8	97	9.8	10.0			*	
* 1842	4.2	331	1.9	96	9.9	10.1	A		*	
* 1844	2.1	283	1.9	96	9.9	10.2	A		*	
* 1846	2.6	267	1.8	94	9.9	10.2	A		*	
* 1848	4.8	276	1.8	94	9.9	10.2	A		*	
* 1850			1.8	95	10.0	10.1			*	
* 1852			1.8	97	9.9	10.1			*	
* 1854	11.4	22	1.9	98	9.8	10.0	C		*	
* 1856	5.0	91	1.8	98	9.9	10.1	C		*	
* 1858			1.7	98	9.8	10.1			*	
* 1860	10.1	276	1.8	98	9.6	9.9	C		*	
* 1862	3.3	5	1.8	96	9.5	9.9	A		*	
* 1864	5.8	27	1.9	95	9.5	9.8	A		*	
* 1866			2.0	94	9.4	9.8			*	
* 1868	7.6	267	1.8	93	9.3	9.8	A		*	
* 1870	7.3	249	1.8	93	9.4	9.8	A		*	
* 1872	2.1	307	1.8	95	9.4	9.9	A		*	
* 1874	1.8	306	1.7	97	9.4	9.8	A		*	
* 1876	2.9	283	1.8	99	9.4	9.9	A		*	
* 1878	4.0	288	1.8	100	9.5	9.9	A		*	
* 1880	12.1	302	1.8	101	9.5	10.0	D		*	
* 1882	10.9	309	1.8	100	9.6	10.1	D		*	
* 1884	11.3	306	1.9	98	9.6	10.1	D		*	
* 1886			1.8	96	9.6	10.1			*	
* 1888			1.8	94	9.7	10.1			*	
* 1890			1.8	94	9.7	10.2			*	
* 1892	12.7	311	1.8	95	9.8	10.2	D		*	
* 1894	2.6	347	1.8	95	9.8	10.3	D		*	
* 1896			1.7	96	9.8	10.3			*	
* 1898	7.6	307	1.8	97	9.8	10.3	D		*	
* 1900	2.2	8	1.8	99	9.7	10.2	B		*	
* 1902	3.0	330	1.9	101	9.7	10.2	B		*	
* 1904	3.5	291	1.9	100	9.7	10.1	D		*	



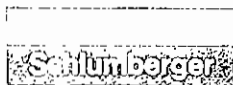

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*****
*          * FORMATION *          * BOREHOLE * QUAL. *
*          *-----*-----*-----*-----* INDEX *
* DEPTH  *  DIP    DIP  *  DEV.   DEV.   DIAM   DIAM  * BEST *
*          *      AZI. *      AZI.   1-3   2-4  * =A   *
*****
*
* 1906          *          * 1.9    97    9.7    10.1
* 1908    22.2   33    * 1.8    96    9.6    10.3   D
* 1910    24.0   37    * 1.8    94    9.6    10.4   D
* 1912     7.3   73    * 1.8    95    9.6    10.4   D
* 1914     6.7   72    * 1.9    94    9.6    10.6   D
* 1916          *          * 1.9    93    9.7    10.9
* 1918    26.7   34    * 1.8    94    9.6    10.9   D
* 1920     5.6   276   * 1.9    97    9.5    10.6   A
* 1922     4.5   284   * 1.8   100    9.6    10.4   A
* 1924          *          * 1.8    99    9.7    10.6
* 1926     3.8   170   * 1.8    97    9.8    10.7   A
* 1928     3.8   172   * 1.8    94    9.8    10.7   A
* 1930     4.6    99   * 1.8    95    9.7    10.7   A
* 1932          *          * 1.8    95    9.8    10.8
* 1934     8.8   332   * 1.8    93    9.9    10.9   C
* 1936     6.3    7    * 1.7    93    9.8    10.7   A
* 1938     7.6   304   * 1.8    94    9.7    10.5   A
* 1940     6.5   283   * 1.8    95    9.7    10.5   A
* 1942     6.3   280   * 1.8    97    9.7    10.6   A
* 1944     6.4   324   * 1.9    98    9.7    10.9   A
* 1946     5.4   306   * 1.9    98    9.7    11.5   A
* 1948     6.3   332   * 1.9    98    9.8    11.8   A
* 1950     3.7    15   * 1.8    99    9.7    11.9   A
* 1952     4.3    60   * 1.8   100    9.8    11.5   C
* 1954     8.4    39   * 1.8    98    9.8    11.5   C
* 1956    11.9    8    * 1.9    94    9.8    11.4   A
* 1958    13.4    21   * 1.8    95    9.7    10.7   C
* 1960     8.5   186   * 1.8    97    9.6    10.3   A
* 1962     5.4   238   * 1.9    98    9.6    10.3   A
* 1964     1.5   259   * 1.9   100    9.6    10.4   A
* 1966     0.3    83   * 1.8   101    9.8    10.3   A
* 1968     3.4   220   * 1.8   102   10.0    10.3   A
* 1970    10.0   270   * 1.8   101    9.9    10.2   C
* 1972     5.6   159   * 1.8   101   10.0    10.1   A
* 1974     5.9   161   * 1.8   100   10.0    10.2   A
* 1976     4.5   257   * 1.7    99    9.9    10.2   A
* 1978     3.1   282   * 1.7    98    9.9    10.2   A
* 1980     1.8   309   * 1.6    98    9.8    10.2   A
* 1982     0.8    41   * 1.6    95    9.6    10.2   A
* 1984     2.5    92   * 1.7    96    9.6    10.2   A
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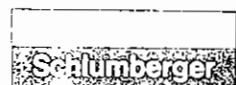
*****
*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          * ----- *          * ----- *          * INDEX *
* DEPTH *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*        *      AZI. *      AZI.   1-3   2-4 * =A *
*****
*
* 1986    6.1    280    1.7    100    9.6    10.1    C *
* 1988    2.8    254    1.7    102    9.6    10.0    A *
* 1990    7.0    295    1.7    102    9.6    9.9     A *
* 1992   10.2    216    1.7    103    9.6    9.9     C *
* 1994    3.1    348    1.8    104    9.6    9.9     C *
* 1996    4.0     5    1.7    102    9.5    9.9     A *
* 1998    3.9     4    1.7    101    9.5    9.9     A *
* 2000                    1.7    101    9.5    9.9     *
* 2002    1.5     70    1.7    100    9.5    9.9     A *
* 2004    1.7     81    1.6     99    9.6    10.0    A *
* 2006    2.1     3    1.7     99    9.5    10.0    A *
* 2008    2.6    318    1.7     99    9.5    9.9     C *
* 2010    3.3    115    1.7    100    9.5    9.9     A *
* 2012    1.1    281    1.6    102    9.5    9.9     A *
* 2014    1.2    280    1.6    103    9.5    9.9     A *
* 2016    1.5    249    1.6    102    9.5    10.2    A *
* 2018    9.6    291    1.6    104    9.5    10.3    C *
* 2020                    1.7    106    9.5    10.2    *
* 2022    6.2    252    1.7    105    9.5    10.1    C *
* 2024    3.3     9    1.6    102    9.5    10.0    A *
* 2026    2.8    49    1.4    100    9.5    10.1    A *
* 2028    3.2    39    1.6     98    9.4    10.1    C *
* 2030    6.0    18    1.7     98    9.5    10.1    C *
* 2032                    1.5     99    9.5    10.1    *
* 2034    5.2    122    1.5     99    9.5    10.1    A *
* 2036    3.3    94    1.5    100    9.4    10.1    A *
* 2038    4.2    137    1.7    101    9.5    10.1    C *
* 2040                    1.7    102    9.6    10.1    *
* 2042    4.7     50    1.7    103    9.6    10.1    A *
* 2044    2.7    17    1.7    105    9.6    10.1    A *
* 2046    6.7    43    1.7    105    9.6    10.3    A *
* 2048    6.3    37    1.7    103    9.6    10.8    A *
* 2050                    1.6    102    9.6    10.9    *
* 2052    6.3    282    1.6    100    9.7    10.4    C *
* 2054    7.6    276    1.6     98    9.6    10.4    A *
* 2056   13.8    287    1.7     98    9.6    10.5    C *
* 2058    5.1    298    1.8     96    9.6    10.7    A *
* 2060    4.4    293    1.7     96    9.6    11.2    A *
* 2062    3.9    259    1.7     99    9.7    11.9    C *
* 2064    6.2    299    1.8     97    9.7    11.9    A *
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* FORMATION *		* BOREHOLE *				* QUAL. *	
* DEPTH *	* DIP * * AZI. *	* DIP * * AZI. *	* DEV. *	* DEV. * * AZI. *	* DIAM * * 1-3 *	* DIAM * * 2-4 *	* INDEX * * BEST * * =A *
* 2066	1.6	299	1.8	96	9.7	11.3	C
* 2068	5.8	264	1.7	98	9.6	11.1	A
* 2070	1.4	289	1.7	100	9.5	11.2	A
* 2072	1.5	322	1.7	101	9.6	10.9	A
* 2074			1.8	102	9.5	10.7	
* 2076			1.9	101	9.5	10.7	
* 2078	4.8	331	1.9	101	9.4	10.7	C
* 2080	4.3	53	1.8	99	9.4	10.8	A
* 2082	4.5	80	1.7	96	9.4	10.8	A
* 2084	4.8	71	1.8	96	9.4	11.0	A
* 2086	5.4	53	1.8	97	9.4	11.2	A
* 2088	5.0	65	1.7	95	9.3	11.2	A
* 2090	4.8	75	1.7	95	9.3	11.2	A
* 2092	4.7	66	1.7	98	9.3	11.0	A
* 2094	5.7	67	1.6	99	9.3	11.0	A
* 2096	6.7	60	1.6	99	9.3	11.1	A
* 2098	6.2	113	1.6	100	9.3	11.3	C
* 2100	6.1	119	1.7	100	9.4	11.5	A
* 2102	5.8	122	1.8	100	9.4	11.6	A
* 2104	9.2	74	1.7	100	9.4	11.5	C
* 2106	10.9	77	1.7	97	9.4	11.6	C
* 2108	8.4	289	1.7	96	9.4	11.7	A
* 2110	6.9	290	1.6	96	9.4	11.6	A
* 2112	5.2	264	1.7	95	9.4	11.6	A
* 2114	2.6	274	1.8	94	9.4	11.7	C
* 2116	3.0	25	1.7	94	9.4	11.8	A
* 2118	10.2	28	1.7	94	9.3	11.8	D
* 2120	12.0	53	1.8	95	9.4	11.5	B
* 2122	10.9	46	1.8	98	9.4	11.1	D
* 2124	18.8	59	1.8	98	9.4	11.2	D
* 2126	40.4	61	1.6	100	9.3	11.9	D
* 2128	39.9	60	1.6	101	9.3	12.1	D
* 2130	6.8	54	1.6	102	9.4	11.9	D
* 2132	12.6	54	1.5	101	9.4	11.8	B
* 2134	14.1	63	1.5	98	9.5	11.8	D
* 2136	10.4	50	1.7	97	9.4	11.7	D
* 2138	4.3	344	1.6	96	9.4	11.5	A
* 2140	5.5	353	1.6	95	9.4	11.5	A
* 2142	4.7	5	1.7	94	9.3	11.4	A
* 2144	3.9	5	1.6	94	9.3	11.4	A



* FORMATION *		* BOREHOLE *		* QUAL. *			
* ----- * INDEX *							
* DEPTH *	* DIP	* DIP	* DEV.	DEV.	DIAM	DIAM	* BEST *
		AZI.		AZI.	1-3	2-4	=A
* 2146	4.8	85	1.6	95	9.3	11.4	A
* 2148	6.9	76	1.6	96	9.2	11.2	C
* 2150			1.6	97	9.1	11.0	
* 2152	0.6	66	1.5	99	9.1	11.2	A
* 2154	3.2	105	1.5	99	9.2	11.6	A
* 2156	4.9	102	1.5	100	9.2	11.8	A
* 2158	2.8	262	1.6	100	9.3	12.0	A
* 2160	2.9	165	1.6	98	9.3	12.2	C
* 2162	8.3	220	1.5	99	9.3	12.2	C
* 2164	4.3	253	1.6	97	9.4	12.4	A
* 2166	1.5	282	1.5	95	9.4	12.5	A
* 2168	4.7	288	1.4	96	9.5	12.3	A
* 2170	5.7	285	1.5	97	9.4	12.4	A
* 2172			1.6	95	9.4	12.7	
* 2174			1.6	95	9.4	12.8	
* 2176			1.6	98	9.4	12.7	
* 2178			1.5	100	9.4	12.6	
* 2180			1.5	102	9.4	12.7	
* 2182			1.6	102	9.4	12.7	
* 2184			1.5	103	9.4	12.6	
* 2186			1.5	104	9.4	12.4	
* 2188			1.6	106	9.4	12.2	
* 2190			1.5	105	9.5	11.5	
* 2192	4.7	161	1.5	102	9.7	10.6	C
* 2194	5.1	132	1.6	102	9.9	10.4	A
* 2196	5.4	123	1.6	100	10.0	10.4	A
* 2198	4.8	103	1.5	97	10.1	10.4	A
* 2200	0.8	69	1.6	98	10.1	10.4	B
* 2202	2.2	104	1.6	99	10.1	10.4	B
* 2204	6.1	218	1.6	99	10.1	10.5	D
* 2206	6.9	63	1.5	96	10.2	10.6	D
* 2208	17.7	315	1.6	98	10.2	10.6	B
* 2210			1.6	99	10.2	10.5	
* 2212	27.6	198	1.6	99	10.6	10.5	D
* 2214	27.2	195	1.7	99	10.7	10.6	B
* 2216			1.8	101	10.8	10.6	
* 2218			1.8	105	11.0	10.7	
* 2220			1.8	107	10.6	10.6	
* 2222			1.8	109	10.2	10.4	
* 2224	1.0	271	1.8	110	9.9	10.3	A



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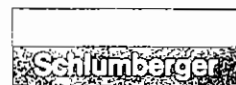
*****
*          *      FORMATION      *          *      BOREHOLE      *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *  DIP    DIP    *  DEV.   DEV.   DIAM   DIAM  * BEST *
*          *      AZI.  *      AZI.  1-3   2-4  * =A *
*****
*
* 2226    1.0     48     * 1.8    108    9.8    9.8    A *
* 2228    2.1     43     * 1.8    107    9.8    9.6    A *
* 2230    8.2     82     * 1.8    107    9.8    9.6    A *
* 2232   12.2     83     * 1.8    106    9.7    9.6    A *
* 2234   17.1     87     * 1.9    106    9.6    9.5    C *
* 2236   17.7     81     * 1.9    106    9.6    9.5    C *
* 2238   15.4     93     * 1.9    105    9.6    9.5    A *
* 2240   15.7     97     * 1.8    107    9.6    9.6    A *
* 2242                    * 1.8    108    9.6    9.6    *
* 2244                    * 1.7    107    9.6    9.5    *
* 2246                    * 1.8    105    9.6    9.5    *
* 2248    9.1    107    * 1.8    105    9.6    9.6    D *
* 2250    9.1    106    * 1.8    106    9.6    9.6    D *
* 2252                    * 1.9    106    9.6    9.7    *
* 2254                    * 1.9    106    9.6    9.6    *
* 2256    6.6     57     * 1.8    109    9.6    9.6    D *
* 2258    4.4     85     * 1.7    108    9.5    9.6    B *
* 2260    4.9     62     * 1.7    105    9.4    9.6    B *
* 2262    3.6     42     * 1.7    105    9.5    9.5    A *
* 2264    4.0     21     * 1.8    104    9.5    9.5    A *
* 2266    5.5    357    * 1.9    101    9.5    9.5    A *
* 2268    5.0    355    * 1.8    103    9.6    9.6    A *
* 2270    7.1    194    * 1.7    103    9.6    9.6    C *
* 2272    5.4    185    * 1.6    101    9.7    9.6    C *
* 2274                    * 1.6     99    9.8    9.7    *
* 2276    2.8    136    * 1.6     99    9.9    9.8    A *
* 2278    3.3    164    * 1.7    101    9.9    9.7    A *
* 2280    3.5    171    * 1.8    100    10.0   9.7    A *
* 2282    3.7    181    * 1.8    100    9.9    9.7    A *
* 2284    3.6    184    * 1.7    101    9.9    9.7    B *
* 2286    6.1    198    * 1.6    104    9.9    9.7    B *
* 2288    5.3    164    * 1.5    105    9.9    9.7    D *
* 2290                    * 1.6    108    10.0   9.7    *
* 2292    1.9    161    * 1.6    108    9.9    9.5    B *
* 2294    2.8    160    * 1.6    108    9.8    9.5    B *
* 2296    6.1     26    * 1.6    107    9.9    9.6    D *
* 2298                    * 1.6    106    10.0   9.7    *
* 2300                    * 1.6    106    10.0   9.7    *
* 2302                    * 1.6    104    9.9    9.7    *
* 2304    2.3    206    * 1.5    103    9.9    9.7    D *
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*****
*          *      FORMATION      *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
*  DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIAM    DIAM  *  BEST  *
*          *      AZI.  *      AZI.    1-3    2-4  *  =A    *
*****
*
*  2306    1.9    251    1.5    102    9.8    9.8    D    *
*  2308    5.2    18     1.5    100    9.8    9.7    D    *
*  2310    5.6    10     1.5    99     9.8    9.7    D    *
*  2312    1.5    98     1.5    97     9.7    9.7    *
*  2314    1.5    97     1.5    98     9.7    9.8    B    *
*  2316    2.6    101    1.6    99     9.8    9.9    B    *
*  2318    3.7    21     1.5    100    9.9    9.8    D    *
*  2322    1.5    100    1.5    101    9.8    9.9    *
*  2324    1.5    101    1.4    103    9.7    9.9    *
*  2326    1.0    285    1.5    104    9.7    9.8    A    *
*  2328    2.9    82     1.6    105    9.7    9.8    A    *
*  2330    3.3    215    1.6    105    9.7    9.8    A    *
*  2332    3.3    229    1.6    103    9.6    9.9    A    *
*  2334    2.6    334    1.6    105    9.7    9.9    A    *
*  2336    1.7    289    1.6    106    9.8    9.9    A    *
*  2338    2.3    271    1.6    103    9.9    9.9    A    *
*  2340    2.0    292    1.7    100    9.9    9.9    A    *
*  2342    0.0    216    1.7    97     10.0   10.0   A    *
*  2344    1.2    233    1.8    97     10.2   10.1   A    *
*  2346    3.4    359    1.8    99     10.2   10.2   A    *
*  2348    4.3    357    1.7    102    10.3   10.2   A    *
*  2350    3.1    290    1.8    105    10.3   10.2   A    *
*  2352    4.3    312    1.8    107    10.3   10.1   A    *
*  2354    7.1    291    1.8    109    10.2   10.0   A    *
*  2356    6.8    304    1.9    109    10.1   10.0   A    *
*  2360    1.9    108    10.1   9.9    *
*  2362    2.0    109    10.1   10.0   B    *
*  2364    6.7    328    1.9    110    10.2   10.2   A    *
*  2366    5.4    329    2.0    110    10.3   10.2   A    *
*  2368    3.3    316    1.9    107    10.2   10.2   C    *
*  2370    3.9    313    1.9    107    10.2   10.2   A    *
*  2372    4.0    279    1.9    108    10.3   10.3   A    *
*  2374    7.9    304    1.9    108    10.4   10.3   A    *
*  2376    8.3    310    1.9    108    10.5   10.4   A    *
*  2378    4.9    359    1.9    108    10.5   10.5   A    *
*  2380    3.5    346    2.0    108    10.5   10.6   A    *
*  2382    6.1    329    2.0    108    10.5   10.6   A    *
*****

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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*          *      AZI. *      AZI.   1-3   2-4 * =A *
*****
*
* 2386    7.0    331    *   2.0    109    10.6   10.7   A *
* 2388    2.8    351    *   2.0    111    10.6   10.7   A *
* 2390    3.7    347    *   2.0    112    10.6   10.8   A *
* 2392    6.7     1    *   2.0    111    10.6   10.8   A *
* 2394          *   1.9    110    10.6   10.8   *
* 2396          *   1.8    109    10.6   10.8   *
* 2398    1.6    237    *   2.0    107    10.6   10.8   A *
* 2400    2.2     17    *   2.0    107    10.5   10.8   A *
* 2402    3.9     75    *   1.9    110    10.5   10.7   A *
* 2404    3.3     67    *   1.9    111    10.3   10.6   A *
* 2406    5.5     27    *   1.9    111    10.3   10.5   A *
* 2408    6.8     31    *   1.9    112    10.4   10.6   A *
* 2410    4.0    316    *   1.9    110    10.3   10.5   A *
* 2412    3.3    312    *   1.9    107    10.1   10.4   A *
* 2414    2.8    298    *   1.9    107    10.0   10.4   A *
* 2416    1.4     36    *   1.8    106    10.0   10.4   A *
* 2418    7.6     76    *   1.8    107     9.9   10.4   C *
* 2420          *   1.8    108    10.0   10.4   *
* 2422    4.9     88    *   1.8    108    10.1   10.4   A *
* 2424    3.0    244    *   1.8    108    10.1   10.4   A *
* 2426    3.4    247    *   1.8    109    10.1   10.4   A *
* 2428    1.6    155    *   1.8    108    10.2   10.4   A *
* 2430    3.7     23    *   1.7    107    10.3   10.5   A *
* 2432    7.1     15    *   1.8    110    10.5   10.5   A *
* 2434    7.2     4     *   1.9    111    10.5   10.6   A *
* 2436    7.4    360    *   1.8    110    10.6   10.8   C *
* 2438   14.1    353    *   1.7    108    10.6   10.8   C *
* 2440   13.1    351    *   1.7    107    10.7   10.8   C *
* 2442          *   1.7    107    10.7   10.8   *
* 2444    3.3    237    *   1.8    108    10.7   10.8   D *
* 2446    9.8    223    *   1.7    107    10.6   10.8   D *
* 2448          *   1.7    107    10.6   10.7   *
* 2450    4.2    334    *   1.8    108    10.6   10.7   D *
* 2452          *   1.8    108    10.5   10.6   *
* 2454    1.4    260    *   1.8    106    10.5   10.6   B *
* 2456    6.4     42    *   1.9    107    10.4   10.6   D *
* 2458          *   1.8    107    10.4   10.6   *
* 2460    5.8    347    *   1.7    107    10.3   10.5   B *
* 2462    5.9    336    *   1.7    107    10.2   10.4   B *
* 2464    9.7    320    *   1.7    107    10.1   10.4   A *
*****
    
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*****
*          *      FORMATION      *          *      BOREHOLE      *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *    DIP    DIP    *    DEV.   DEV.   DIAM    DIAM  * BEST   *
*         *         AZI.  *         AZI.   1-3    2-4  * =A    *
*****
*
* 2466    14.6    313    1.6    106    10.0    10.3    C    *
* 2468    1.7    107    1.7    107    10.0    10.2    *    *
* 2470    1.7    104    1.7    104    9.9     10.2    *    *
* 2472    5.9    317    1.7    101    9.7     10.0    A    *
* 2474    9.6    310    1.7    100    9.7     9.9     A    *
* 2476    8.2    288    1.8    101    9.9     9.9     A    *
* 2478    4.7    309    1.7    101    10.0    10.0    A    *
* 2480    3.4    307    1.8    102    10.1    10.0    A    *
* 2482    1.7    102    1.7    102    10.4    10.2    *    *
* 2484    1.6    172    1.5    102    10.5    10.4    A    *
* 2486    2.0    144    1.6    102    10.5    10.4    A    *
* 2488    1.8    178    1.6    102    10.6    10.5    A    *
* 2490    3.0    233    1.5    102    10.7    10.6    A    *
* 2492    8.9    237    1.5    102    10.8    10.6    C    *
* 2494    1.6    99     1.6    99     10.7    10.6    *    *
* 2496    3.1    320    1.6    98     10.7    10.5    A    *
* 2498    4.0    330    1.5    97     10.7    10.4    A    *
* 2500    4.8    336    1.5    97     10.7    10.4    C    *
* 2502    2.8    335    1.4    97     10.6    10.2    A    *
* 2504    3.9    312    1.4    100    10.5    10.1    A    *
* 2506    1.1    181    1.3    101    10.4    10.0    C    *
* 2508    6.6    68     1.4    98     10.2    10.0    A    *
* 2510    6.9    64     1.5    98     10.0    10.0    A    *
* 2512    2.5    69     1.4    98     10.0    10.0    A    *
* 2514    2.5    158    1.4    99     10.0    10.1    A    *
* 2516    3.0    255    1.4    101    9.8     10.0    A    *
* 2518    6.2    305    1.3    103    9.7     9.8     A    *
* 2520    6.2    301    1.3    102    9.6     9.7     A    *
* 2522    3.4    289    1.3    101    9.6     9.6     A    *
* 2524    3.0    286    1.3    99     9.7     9.7     A    *
* 2526    3.3    296    1.3    97     9.8     9.9     A    *
* 2528    1.3    14     1.4    98     9.7     9.8     A    *
* 2530    1.6    261    1.3    98     9.8     9.8     A    *
* 2532    4.0    285    1.3    99     9.8     9.9     A    *
* 2534    4.6    281    1.4    101    9.8     9.9     A    *
* 2536    7.7    177    1.4    103    9.8     9.8     D    *
* 2538    1.3    102    1.3    102    9.8     9.8     *    *
* 2540    6.4    91     1.3    102    9.8     9.8     D    *
* 2542    3.1    271    1.3    101    9.8     9.9     B    *
* 2544    1.7    276    1.3    100    9.9     10.0    B    *
*****

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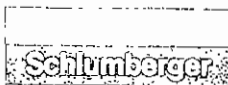
* DEPTH *	* DIP *	DIP AZI.	* DEV. *	DEV. AZI.	DIAM 1-3	DIAM 2-4	* QUAL. *	* INDEX *	* BEST =A *
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* 2630		4.6	37	1.0	94	9.4		9.6	
* 2632	4.3	31	1.0	96	9.5	9.6	A		
* 2634	2.3	355	1.0	98	9.5	9.6	C		
* 2636	2.2	105	1.0	97	9.5	9.6	A		
* 2638	1.1	320	1.0	98	9.6	9.6	A		
* 2640	1.2	332	1.0	98	9.6	9.6	A		
* 2642	2.4	335	1.0	97	9.6	9.6	A		
* 2644	1.3	46	1.0	97	9.6	9.6	A		
* 2646	1.2	55	1.1	97	9.6	9.5	A		
* 2648	0.8	28	1.1	96	9.5	9.5	A		
* 2650	1.8	101	1.0	94	9.5	9.5	A		
* 2652			1.0	94	9.7	9.5			
* 2654			1.0	93	9.8	9.5			
* 2656			1.1	94	9.7	9.4			
* 2658			1.0	95	9.6	9.4			
* 2660	2.5	288	1.0	93	9.7	9.4	A		
* 2662	4.6	241	1.0	92	9.7	9.4	C		
* 2664	5.7	283	1.0	92	9.8	9.4	A		
* 2666	5.3	279	1.0	92	10.0	9.4	A		
* 2668	3.3	266	1.0	93	10.1	9.4	A		
* 2670	6.1	302	1.0	93	10.3	9.4	A		
* 2672	4.4	288	1.1	93	10.5	9.5	A		
* 2674	5.3	277	1.0	91	10.8	9.5	A		
* 2676	5.5	267	0.9	91	10.8	9.6	A		
* 2678			1.0	91	10.8	9.7			
* 2680	1.8	115	1.0	93	10.9	9.9	A		
* 2682	0.9	145	1.0	95	11.1	10.1	A		
* 2684	5.1	298	1.0	95	11.3	10.3	A		
* 2686	3.0	308	1.0	93	11.7	10.3	A		
* 2688	2.1	65	1.0	91	12.0	10.4	A		
* 2690	9.8	234	0.9	93	12.2	10.4	A		
* 2692	10.3	238	0.9	93	12.1	10.6	A		
* 2694			1.0	94	11.8	10.9			
* 2696			1.0	92	11.3	10.7			
* 2698	12.8	249	1.0	88	11.0	10.4	C		
* 2700	9.9	171	1.0	88	10.9	10.3	D		
* 2702	9.9	166	1.0	88	10.8	10.1	D		
* 2704	4.8	353	1.0	89	10.7	10.0	D		
* 2706	9.0	335	1.0	91	10.6	9.8	D		
* 2708	7.6	293	1.0	90	10.4	9.6	B		



```

*****
*          *   FURMATION   *          *   BOREHOLE   *   QUAL.   *
*          *-----*-----*          *-----*-----*   INDEX   *
* DEPTH  *   DIP     DIP     *   DEV.     DEV.     DIAM     DIAM     * BEST   *
*          *         AZI.    *         AZI.    1-3     2-4     * =A    *
*****
*
* 2710    6.3     318         1.0     89      10.2    9.7     D     *
* 2712    5.0     312         1.0     90      10.3    9.9     D     *
* 2714   10.4     165         1.0     90      10.3    9.9     B     *
* 2716    7.7     316         1.0     89      10.3    9.8     D     *
* 2718    7.7     331         1.0     87      10.3    9.9     B     *
* 2720    2.9     337         1.0     87      10.2    9.9     A     *
* 2722    2.6     341         1.1     87      10.1    9.9     A     *
* 2724    4.2         16         1.2     87      10.1    10.0    C     *
* 2726    2.8         13         1.1     88      10.1    10.1    A     *
* 2728    4.4         41         1.1     91      10.1    10.2    B     *
* 2730    2.8         10         1.1     92      10.1    10.3    B     *
* 2732    4.4     329         1.2     90      10.1    10.3    B     *
* 2734    3.3     301         1.2     89      10.0    10.3    D     *
* 2736   11.1         46         1.2     86      10.2    10.4    D     *
* 2738    3.6         40         1.1     84      10.4    10.6    D     *
* 2740          1.1         87      10.5    10.6          *
* 2742    7.4     337         1.2     88      10.5    10.7    D     *
* 2744          1.2     88      10.6    10.7          *
* 2746          1.2     87      10.6    10.8          *
* 2748          1.2     88      10.6    10.8          *
* 2750          1.2     87      10.6    10.8          *
* 2752    9.4     108         1.2     84      10.6    10.7    B     *
* 2754    9.3     103         1.2     83      10.5    10.7    B     *
* 2756   13.9     120         1.2     83      10.4    10.6    B     *
* 2758   16.6     123         1.2     81      10.4    10.6    D     *
* 2760          1.2     81      10.3    10.5          *
* 2762          1.2     82      10.3    10.5          *
* 2764          1.2     82      10.3    10.5          *
* 2766    2.6     341         1.2     79      10.3    10.4    C     *
* 2768    9.9         12         1.2     73      10.4    10.2    C     *
* 2770          1.2     70      10.5    10.0          *
* 2772    3.6         48         1.1     72      10.6    9.9     C     *
* 2774          1.0     71      10.5    9.8          *
* 2776    3.6         24         1.1     70      10.4    9.6     A     *
* 2778    3.1     340         1.0     72      10.4    9.6     A     *
* 2780    3.3     344         1.1     76      10.5    9.5     A     *
* 2782    6.7         5         1.1     75      10.6    9.4     A     *
* 2784    8.2         3         1.1     72      10.3    9.2     A     *
* 2786    6.1         3         1.1     71      10.0    9.3     A     *
* 2788    6.1         82         1.1     71      9.9     9.4     A     *
*****
    
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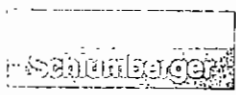
* FORMATION *			* BOREHOLE *				* QUAL. *	

* DEPTH *	* DIP *	* DIP *	* DEV. *	DEV.	DIAM	DIAM	* BEST *	* INDEX *
	* AZI. *			AZI.	1-3	2-4	* =A *	
*								*
*	2870	1.1	333	1.1	60	9.7	9.5	A *
*	2872	5.1	253	1.2	60	9.7	9.4	C *
*	2874	4.7	234	1.1	60	9.7	9.5	A *
*	2876	3.3	236	1.0	58	9.8	9.5	A *
*	2878	3.0	245	1.0	55	9.8	9.5	A *
*	2880	2.4	305	1.0	51	9.7	9.5	A *
*	2882	2.1	339	0.9	50	9.7	9.5	A *
*	2884	2.6	339	0.9	51	9.5	9.5	A *
*	2886	6.3	262	0.8	48	9.5	9.6	C *
*	2888	4.1	227	0.8	46	9.6	9.7	A *
*	2890	1.8	152	0.8	46	9.6	9.8	C *
*	2892	6.4	139	0.8	45	9.7	9.9	D *
*	2894	7.6	358	0.7	45	9.7	9.9	B *
*	2896	6.8	358	0.7	46	9.7	9.9	B *
*	2898	3.5	62	0.8	45	9.6	9.9	D *
*	2900			0.8	43	9.6	9.9	
*	2902	7.2	327	0.8	43	9.6	10.0	B *
*	2904	7.3	332	0.7	43	9.8	10.1	B *
*	2906	4.4	345	0.7	44	9.9	10.2	D *
*	2908	0.8	144	0.9	45	9.9	10.3	B *
*	2910	2.6	93	0.8	45	10.0	10.2	D *
*	2912	1.6	94	0.8	45	9.9	10.2	A *
*	2914	2.0	238	0.8	43	10.0	10.3	A *
*	2916			0.7	43	10.0	10.3	
*	2918	1.6	22	0.7	44	10.0	10.4	A *
*	2920	1.2	15	0.8	43	9.8	10.4	A *
*	2922	1.9	178	0.8	45	9.7	10.4	A *
*	2924	2.2	201	0.8	44	9.6	10.7	A *
*	2926	2.8	228	0.7	42	9.6	10.7	A *
*	2928	2.0	207	0.7	42	9.6	10.4	A *
*	2930	10.0	60	0.7	42	9.6	10.3	A *
*	2932	2.1	126	0.8	41	9.6	10.3	A *
*	2934	2.7	19	0.8	41	9.7	10.4	A *
*	2936	4.9	342	0.8	41	9.8	10.5	A *
*	2938	1.2	228	0.9	41	9.7	10.7	A *
*	2940	8.7	325	0.9	44	9.6	10.9	C *
*	2942	3.2	285	0.9	44	9.4	11.3	A *
*	2944	3.5	272	0.9	42	9.4	11.3	A *
*	2946	4.7	242	0.8	44	9.6	11.0	A *
*	2948	3.9	64	1.0	44	9.8	11.1	A *




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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIAM    DIAM    *  INDEX *
*          *      AZI.  *      AZI.    1-3    2-4    *  BEST *
*          *          *          *          *          *          *
*****
*
* 3030      10.2      99          1.1      36      9.2      10.2      C
* 3032          1.0      36      9.3      10.1
* 3034          1.0      36      9.4      9.9
* 3036      2.0      298      1.0      36      9.3      10.0      A
* 3038      1.9      301      0.9      37      9.3      10.1      A
* 3040      3.8      61      1.0      37      9.3      10.1      A
* 3042      4.4      65      1.0      36      9.4      10.1      A
* 3044      4.3      42      1.0      37      9.3      10.1      A
* 3046      1.6      32      0.9      37      9.2      10.2      A
* 3048      1.2      13      0.9      38      9.3      10.3      A
* 3050      1.1      355      0.9      40      9.3      10.4      A
* 3052      5.2      93      1.0      38      9.3      10.5      C
* 3054      4.0      92      0.9      36      9.3      10.4      A
* 3056      2.8      23      1.0      35      9.3      10.3      A
* 3058      2.4      352      1.1      36      9.3      10.1      A
* 3060      1.4      20      1.0      38      9.3      10.2      A
* 3062      1.3      354      1.0      40      9.3      10.6      A
* 3064      2.0      313      1.0      40      9.3      10.6      A
* 3066      3.2      176      1.1      39      9.3      10.3      A
* 3068      3.5      157      1.1      36      9.3      10.2      A
* 3070      7.6      98      1.0      36      9.3      10.0      C
* 3072      3.9      71      1.0      36      9.3      9.9      A
* 3074      4.5      72      1.0      35      9.2      10.0      A
* 3076      3.7      25      1.1      36      9.3      10.2      A
* 3078      2.2      339      1.1      38      9.3      10.3      A
* 3080      2.9      288      1.1      38      9.2      10.5      A
* 3082      3.2      325      1.1      36      9.2      10.7      A
* 3084      3.5      340      1.0      36      9.2      10.8      A
* 3086      2.8      337      1.0      36      9.2      10.7      A
* 3088      3.4      323      1.0      36      9.2      10.6      A
* 3090      3.2      332      1.1      39      9.3      10.7      A
* 3092      2.9      347      1.0      41      9.3      10.9      A
* 3094      7.6      305      1.0      39      9.3      10.9      C
* 3096      10.7     321      1.0      37      9.3      11.0      A
* 3098      12.1     317      1.1      35      9.4      10.9      A
* 3100      11.5     305      1.1      35      9.4      10.7      A
* 3102      3.8      2      1.1      35      9.4      10.9      A
* 3104      4.1      41      1.0      36      9.5      11.2      A
* 3106      6.2      280      1.1      36      9.6      11.0      C
* 3108          1.0      34      9.6      10.7
*****
    
```



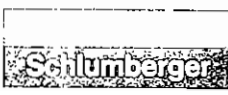

```

*****
*          *      FORMATION          *          BOREHOLE          * QUAL. *
*          *-----*-----*          *          * INDEX *
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST *
*         *         AZI. *         AZI.   1-3   2-4   * =A   *
*****
*
* 3190    2.1     20    1.1     26    9.4    10.4    A
* 3192    2.2     17    1.2     27    9.3    10.4    A
* 3194    2.6     27    1.2     28    9.2    10.5    A
* 3196    1.1    354    1.2     29    9.2    10.6    A
* 3198    1.0     6     1.2     31    9.2    10.6    A
* 3200    2.9    134    1.2     30    9.2    10.5    A
* 3202          1.2     29    9.2    10.4
* 3204    3.1     39    1.2     27    9.3    10.5    A
* 3206    1.9     23    1.2     25    9.2    10.3    C
* 3208    1.4    345    1.2     25    9.2    10.0    A
* 3210    2.1    317    1.2     26    9.1    10.0    A
* 3212    2.4    328    1.2     27    9.1    10.1    A
* 3214    1.8    355    1.2     28    9.1    10.1    A
* 3216    1.0    355    1.3     28    9.2    10.0    A
* 3218    1.8    320    1.2     26    9.2     9.8    A
* 3220    3.2     69    1.3     24    9.3     9.7    A
* 3222    3.5     67    1.3     24    9.3     9.8    A
* 3224    13.4    65    1.3     25    9.3    10.0    C
* 3226    1.9    201    1.2     27    9.3    10.1    A
* 3228    1.9    188    1.3     28    9.3    10.2    A
* 3230          1.2     27    9.2    10.2
* 3232    10.7   290    1.2     27    9.2    10.1    C
* 3234    3.8     61    1.3     25    9.2    10.0    A
* 3236          1.3     23    9.3     9.9
* 3238    2.3     24    1.3     22    9.3     9.9    A
* 3240    4.0     27    1.3     22    9.4    10.0    A
* 3242    4.2     32    1.3     22    9.3    10.0    A
* 3244    4.3     61    1.3     25    9.2     9.9    A
* 3246    6.0     39    1.3     26    9.3    10.0    A
* 3248    9.4     45    1.4     27    9.2    10.0    A
* 3250          1.4     25    9.2    10.1
* 3252    2.4    294    1.3     24    9.3    10.2    A
* 3254    2.7    360    1.3     24    9.3    10.1    A
* 3256    4.0     12    1.3     21    9.2    10.0    A
* 3258    1.7    267    1.3     20    9.2     9.9    A
* 3260    1.3    256    1.4     21    9.2     9.9    C
* 3262    2.3    307    1.4     22    9.3    10.0    C
* 3264    2.3     24    1.4     25    9.2     9.9    A
* 3266    2.3     24    1.4     25    9.2     9.8    A
* 3268    2.1     10    1.4     24    9.3     9.8    A
*****
    
```



```

*****
*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*          *-----*          * INDEX *
* DEPTH *  DIP   DIP   *  DEV.   DEV.   DIAM   DIAM * BEST *
*          *     AZI. *          *     AZI.   1-3   2-4 * =A *
*****
*
* 3270          *          * 1.3    22    9.3    9.9          *
* 3272          *          * 1.3    18    9.3    10.2         *
* 3274    5.8    81    * 1.2    18    9.4    10.2    A *
* 3276    2.3    330   * 1.3    19    9.4    10.1    A *
* 3278    3.5    344   * 1.4    20    9.4    10.1    A *
* 3280    3.3    19    * 1.4    22    9.5    10.1    A *
* 3282    4.9    57    * 1.3    23    9.5    10.2    A *
* 3284   15.7    327   * 1.3    23    9.4    10.5    A *
* 3286    9.5    315   * 1.4    20    9.4    10.6    A *
* 3288    2.4    308   * 1.4    18    9.4    10.7    A *
* 3290    2.4    286   * 1.4    18    9.4    10.6    A *
* 3292    2.4    267   * 1.4    18    9.4    10.4    A *
* 3294          *          * 1.5    19    9.5    10.1          *
* 3296    8.4    322   * 1.4    21    9.4    10.0    A *
* 3298    7.8    329   * 1.4    22    9.4    10.1    A *
* 3300    8.9    320   * 1.4    20    9.2    10.5    A *
* 3302    8.2    316   * 1.4    18    9.2    10.9    A *
* 3304    4.7    316   * 1.3    17    9.3    10.8    A *
* 3306    1.3    28    * 1.4    18    9.4    10.7    A *
* 3308    1.7    16    * 1.4    18    9.4    10.8    A *
* 3310    5.2    341   * 1.4    19    9.4    10.9    A *
* 3312          *          * 1.5    20    9.4    11.1          *
* 3314   10.1    329   * 1.4    20    9.4    11.1    C *
* 3316    5.8    310   * 1.5    17    9.4    11.1    A *
* 3318    2.5    312   * 1.5    15    9.4    11.0    A *
* 3320    1.9    282   * 1.4    16    9.4    11.1    A *
* 3322    2.6    324   * 1.5    18    9.4    11.1    A *
* 3324    3.1    338   * 1.5    21    9.4    11.2    A *
* 3326    3.2    65    * 1.5    22    9.5    11.3    C *
* 3328    3.5    332   * 1.5    21    9.6    11.2    C *
* 3330    9.5    344   * 1.5    19    9.6    11.1    C *
* 3332    6.0    346   * 1.4    16    9.7    10.9    A *
* 3334    5.3    350   * 1.4    15    9.7    10.7    A *
* 3336    2.1    3    * 1.4    15    9.6    10.7    A *
* 3338    0.5    99    * 1.4    16    9.6    10.6    A *
* 3340    4.7    66    * 1.5    19    9.6    10.5    A *
* 3342    4.6    66    * 1.5    19    9.5    10.4    A *
* 3344    4.0    11    * 1.4    17    9.4    10.4    A *
* 3346    1.6    344   * 1.5    16    9.4    10.8    A *
* 3348    2.0    313   * 1.4    14    9.4    10.9    A *
*****
    
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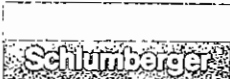
*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *      -----          *          *      -----          *      INDEX *
*  DEPTH  *      DIP      DIP      *      DEV.    DEV.    DIAM      DIAM  *      BEST  *
*          *      AZI.    *      *      AZI.    1-3      2-4  *      =A    *
*****
*
*  3350    2.5      294      *      1.4      9      9.4      10.5    A      *
*  3352    0.4      276      *      1.4      7      9.6      10.2    A      *
*  3354    1.8      104      *      1.3      9      9.7      10.0    A      *
*  3356    2.5      129      *      1.3     13     9.9      9.9     b      *
*  3358    10.5     344      *      1.2     14     10.0     9.9     D      *
*  3360
*  3362    1.3     14     10.2     9.9
*  3364    4.5      24      *      1.3     14     10.4     10.0
*  3366    3.2      20      *      1.4     12     10.5     10.0    B      *
*  3368    2.8     331      *      1.4     13     10.5     10.0    B      *
*  3370    2.9     353      *      1.4     16     10.5     10.0    A      *
*  3372    2.9      4       *      1.4     21     10.6     9.9     A      *
*  3374    3.3      4       *      1.4     24     10.6     9.8     A      *
*  3374    2.0      9       *      1.4     23     10.6     9.6     A      *
*  3376    2.7     42      *      1.4     21     10.6     9.5     B      *
*  3378    2.5     73      *      1.4     21     10.6     9.6     B      *
*  3380
*  3382    2.0     101     *      1.5     20     10.6     9.6     B      *
*  3382    7.5     112     *      1.4     21     10.7     9.6     D      *
*  3384    7.6     225     *      1.4     21     10.8     9.7     B      *
*  3386    7.6     223     *      1.4     22     10.8     9.6     B      *
*  3386    7.8     223     *      1.4     22     10.6     9.6     B      *
*  3388    4.2     224     *      1.4     24     10.6     9.6     D      *
*  3390    24.2    322     *      1.4     23     10.6     9.6     B      *
*  3392    6.5     354     *      1.5     21     10.7     9.6     A      *
*  3394    5.5      4       *      1.5     20     10.7     9.6     A      *
*  3396    5.7     352     *      1.5     20     10.6     9.6     A      *
*  3398    5.7     352     *      1.5     19     10.9     9.6     A      *
*  3398    10.0    11      *      1.5     19     10.9     9.6     C      *
*  3400    9.9     10      *      1.4     23     10.9     9.6     C      *
*  3402    9.9     10      *      1.4     23     10.7     9.7     A      *
*  3402    15.0   349     *      1.4     24     10.8     9.8     C      *
*  3404    7.9     360     *      1.5     23     10.8     9.8     C      *
*  3404    7.9     360     *      1.5     23     10.9     9.8     C      *
*  3406    4.9     45      *      1.5     20     10.9     9.8     C      *
*  3406    4.9     45      *      1.5     20     11.0     9.7     C      *
*  3408    5.0     20      *      1.5     19     11.1     9.6     A      *
*  3410
*  3412    1.5     17      *      1.5     17     11.2     9.6     *
*  3412    1.5     15      *      1.5     15     11.3     9.6     *
*  3414    10.4    321     *      1.5     17     11.4     9.5     C      *
*  3416    5.7     338     *      1.5     20     11.3     9.4     A      *
*  3418    4.4     348     *      1.4     21     11.1     9.4     A      *
*  3420    2.3     47      *      1.4     21     10.9     9.4     A      *
*  3422    3.5     32      *      1.4     20     10.9     9.4     A      *
*  3422    3.5     32      *      1.4     20     10.7     9.4     A      *
*  3424    7.6     12      *      1.5     17     10.8     9.4     A      *
*  3426    1.5     333     *      1.5     15     10.8     9.4     A      *
*  3426    1.5     333     *      1.5     15     10.7     9.3     A      *
*  3428    1.1     357     *      1.5     17     10.7     9.2     A      *
*****
    
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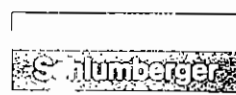
*****
*          *      FURMATION      *          BOREHOLE          *      QUAL.      *
*          *-----*-----*          *          *      INDEX      *
* DEPTH   *      DIP      DIP      *      DEV.      DEV.      DIAM      DIAM      *      BEST      *
*          *          AZI.  *          AZI.      1-3      2-4      *      =A      *
*****
*
* 3510      3.4      204      1.4      27      9.6      10.1      D      *
* 3512      1.4      26      9.6      10.5      *
* 3514      21.3     262     1.5      24      9.5      11.1      B      *
* 3516      6.2      284     1.5      23      9.6      11.4      B      *
* 3518      6.1      290     1.4      24      9.8      11.1      B      *
* 3520      1.4      25      10.2     10.9      *
* 3522      26.2     251     1.4      27      10.4     11.0      D      *
* 3524      25.3     288     1.4      30      10.4     11.1      D      *
* 3526      21.4     282     1.4      29      10.4     11.2      B      *
* 3528      1.4      25      10.1     11.3      *
* 3530      4.3      327     1.4      26      11.0     12.5      D      *
* 3532      1.4      27      11.1     15.3      *
* 3534      1.4      24      10.1     17.4      *
* 3536      1.4      23      10.1     15.2      *
* 3538      1.4      25      9.8      12.7      *
* 3540      7.9      360     1.4      28      9.3      12.5      B      *
* 3542      11.8     356     1.4      29      9.2      13.2      B      *
* 3544      19.7     349     1.4      24      9.0      13.8      D      *
* 3546      1.3      25      8.8      14.3      *
* 3548      1.2      30      9.0      14.0      *
* 3550      5.7      300     1.2      29      9.2      13.3      A      *
* 3552      3.1      300     1.1      27      9.1      13.1      A      *
* 3554      3.1      311     1.1      28      9.1      13.0      A      *
* 3556      4.2      313     1.1      31      9.2      13.3      A      *
* 3558      1.1      30      9.3      13.4      *
* 3560      1.2      24      9.4      13.3      *
* 3562      6.5      315     1.2      28      9.3      13.2      B      *
* 3564      5.4      18      1.2      32      9.2      12.8      B      *
* 3566      7.2      30      1.1      29      9.1      12.9      D      *
* 3568      1.0      29      9.1      12.8      *
* 3570      6.2      356     0.9      30      9.1      12.0      A      *
* 3572      6.6      4      0.9      31      8.9      11.5      A      *
* 3574      5.7      9      0.8      32      8.6      11.2      A      *
* 3576      4.7      2      0.8      29      9.0      10.9      A      *
* 3578      9.6      328     0.8      30      9.1      10.6      A      *
* 3580      11.8     316     0.9      31      9.0      10.6      A      *
* 3582      10.0     313     0.8      29      8.8      10.9      A      *
* 3584      6.5      307     0.9      28      8.8      11.4      A      *
* 3586      4.4      314     0.9      29      8.7      11.8      A      *
* 3588      10.1     330     0.8      28      8.7      12.3      A      *
*****

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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*          *          *-----*-----*      INDEX *
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST *
*         *       AZI. *       AZI.   1-3   2-4   * =A *
*****
*
* 3590    16.3    320          0.7    24    8.8    12.6    C *
* 3592     9.1    331          0.7    24    8.8    12.8    C *
* 3594    16.6    359          0.8    26    8.8    12.9    C *
* 3596    15.5    355          0.8    26    8.7    12.6    C *
* 3598     9.8     11          0.7    24    8.6    12.4    A *
* 3600    12.2     12          0.7    24    8.6    12.3    A *
* 3602     6.5    343          0.7    25    8.6    12.3    A *
* 3604     5.1    338          0.7    24    8.7    12.0    A *
* 3606     7.4    352          0.6    26    8.7    11.6    C *
* 3608    13.3    358          0.6    30    8.7    11.7    C *
* 3610    12.8    348          0.5    32    8.6    11.9    A *
* 3612    11.4    351          0.6    30    8.8    12.6    A *
* 3614     6.0     27          0.6    24    9.0    13.6    C *
* 3616          0.6    23          0.6    23    8.9    14.0    *
* 3618          0.6    30          0.6    30    8.9    12.9    *
* 3620    12.6     4          0.5    32    8.9    11.7    C *
* 3622     1.9    225          0.6    27    8.9    11.7    A *
* 3624     3.1     8          0.6    29    8.9    11.9    A *
* 3626     5.5    45          0.5    31    8.8    12.1    A *
* 3628     6.3    36          0.5    29    8.7    11.8    A *
* 3630    10.8     6          0.6    32    8.7    11.3    C *
* 3632          0.6    31          0.6    31    8.9    10.8    *
* 3634          0.5    28          0.5    28    9.0    10.3    *
* 3636     4.6     8          0.5    31    9.0    10.2    C *
* 3638     2.9    335          0.5    29    8.8    10.4    A *
* 3640     6.7    353          0.5    27    8.9    10.6    A *
* 3642     6.7    344          0.5    28    8.9    10.9    C *
* 3644    24.1    35          0.5    29    9.0    11.2    B *
* 3646          0.5    30          0.5    30    9.0    11.3    *
* 3648          0.4    30          0.4    30    8.9    11.3    *
* 3650          0.5    28          0.5    28    9.0    11.3    *
* 3652          0.5    28          0.5    28    9.0    11.3    *
* 3654          0.5    29          0.5    29    9.0    11.3    *
* 3656          0.5    26          0.5    26    9.1    11.4    *
* 3658          0.4    23          0.4    23    9.1    11.5    *
* 3660    21.5    18          0.5    22    9.1    11.5    D *
* 3662          0.5    24          0.5    24    9.1    11.5    *
* 3664          0.5    29          0.5    29    9.1    11.5    *
* 3666    10.9    154          0.5    30    9.1    11.4    C *
* 3668     4.8    197          0.5    29    9.1    11.4    C *
*****
    
```



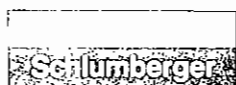
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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*          *          *-----*-----*      INDEX *
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST *
*         *         AZI. *         AZI.   1-3   2-4   * =A *
*****
*
* 3670    4.3    213    0.5    28    9.0    11.6    A
* 3672    12.3   231    0.5    25    9.0    11.6    C
* 3674    9.3    69     0.4    29    9.0    11.4    A
* 3676    7.7    44     0.4    34    9.1    11.3    A
* 3678    8.0    27     0.5    35    9.1    11.5    A
* 3680
* 3682    3.9    355    0.5    35    9.1    11.6
* 3684    10.1   331    0.5    34    9.1    11.6    A
* 3686    4.4    328    0.5    34    9.1    11.7    A
* 3688    5.3    323    0.5    33    9.0    11.7    A
* 3690    10.2   281    0.6    30    9.1    11.7    A
* 3692
* 3694
* 3696
* 3698    8.3    321    0.5    38    9.1    11.9    C
* 3700    37.2   330    0.5    38    9.1    11.9    B
* 3702    12.3   316    0.5    39    9.0    11.9    A
* 3704    0.9    226    0.5    38    9.0    11.8    D
* 3706    9.1    265    0.6    37    9.0    11.7    D
* 3708    4.6    227    0.6    36    9.0    11.7    D
* 3710    9.2    229    0.5    36    8.9    11.7    D
* 3712    3.3    234    0.5    38    8.9    11.9    D
* 3714
* 3716    3.9    244    0.6    38    9.0    11.8    D
* 3718    1.3    217    0.6    38    8.9    11.7    D
* 3720
* 3722    4.2    152    0.5    40    8.8    11.6
* 3724    12.6   338    0.5    40    8.7    11.5    D
* 3726    7.6    345    0.5    42    8.7    11.4    B
* 3728    7.6    340    0.5    42    8.7    11.7    B
* 3730
* 3732
* 3734
* 3736
* 3738    6.8    41     0.5    41    8.8    12.1
* 3740
* 3742    6.2    327    0.7    42    8.7    12.0
* 3744    5.7    327    0.6    42    8.7    12.4    D
* 3746    4.4    320    0.6    46    8.8    11.9    A
* 3748    3.3    346    0.6    43    8.9    11.8    A
*
*****
    
```



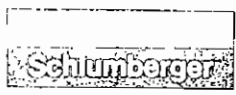

```

*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
*  DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIAM    DIAM  *  BEST  *
*          *      AZI.  *      AZI.    1-3    2-4  *  =A   *
*****
*
*  3910          1.4    61    12.7    9.9          *
*  3912    15.6    97    1.4    63    12.9    9.9    D    *
*  3914    15.8    117   1.4    68    12.8    9.7    D    *
*  3916    12.7    121   1.4    69    12.8    9.7    D    *
*  3918          1.4    67    12.7    10.1         *
*  3920          1.4    68    12.8    10.0         *
*  3922          1.5    68    12.7    9.7          *
*  3924          1.5    70    12.3    9.5          *
*  3926    7.3    155   1.5    70    12.8    9.3    D    *
*  3928    69.7   182   1.5    70    13.4    9.2    B    *
*  3930    5.4    161   1.5    73    13.1    9.2    D    *
*  3932          1.5    74    12.2    9.1          *
*  3934    3.9    233   1.4    76    11.4    9.3    B    *
*  3936    6.3    216   1.5    77    10.8    9.3    B    *
*  3938    13.4   200   1.5    80    10.4    9.2    D    *
*  3940          1.5    82    10.0    9.2          *
*  3942          1.5    82    9.8     9.3          *
*  3944    3.5    116   1.3    82    9.7     9.4    A    *
*  3946    2.4    136   1.4    82    9.7     9.4    A    *
*  3948    1.2    265   1.4    81    9.9     9.3    A    *
*  3950    1.3    315   1.4    82    10.2    9.1    A    *
*  3952    5.4    37    1.3    85    10.1    9.1    A    *
*  3954    7.2    334   1.4    88    9.7     9.2    A    *
*  3956    6.1    313   1.4    90    9.5     9.4    A    *
*  3958    7.8    264   1.4    91    9.5     9.5    A    *
*  3960    6.5    273   1.3    91    9.4     9.4    A    *
*  3962    4.5    297   1.4    91    9.4     9.5    A    *
*  3964          1.4    93    9.3     9.5          *
*  3966    6.9    300   1.4    94    9.3     9.5    C    *
*  3968    6.7    253   1.4    95    9.7     9.4    C    *
*  3970    5.1    325   1.4    94    9.2     9.4    A    *
*  3972    6.7    274   1.4    96    9.2     9.4    A    *
*  3974    0.8    148   1.4    98    9.2     9.4    C    *
*  3976    3.3    78    1.4    98    9.2     9.4    A    *
*  3978    3.0    30    1.4    98    9.3     9.4    A    *
*  3980    8.3    338   1.4    98    9.3     9.4    A    *
*  3982    6.3    324   1.5    97    9.3     9.5    C    *
*  3984    3.8    253   1.4    95    9.4     9.6    C    *
*  3986    1.3    355   1.4    98    9.4     9.6    A    *
*  3988    0.5    324   1.5    99    9.3     9.6    A    *
*****
    
```



```

*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*          *-----*-----*          *      INDEX *
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   *      BEST *
*         *         AZI. *         AZI.   1-3   2-4   *      =A *
*****
*
* 3990    0.6    206    1.5    99    9.3    9.6    A
* 3992    4.2     15    1.5    99    9.3    9.5    A
* 3994    5.4     11    1.5    99    9.3    9.5    A
* 3996    5.0    311    1.5    99    9.3    9.5    A
* 3998    5.4    305    1.5   100    9.3    9.5    A
* 4000    1.7    344    1.5   100    9.2    9.5    A
* 4002    1.2    331    1.6   101    9.1    9.5    A
* 4004    2.4    330    1.6   100    9.0    9.5    A
* 4006    3.3    333    1.5   102    9.0    9.3    A
* 4008    3.0    324    1.6   103    9.1    9.2    A
* 4012    5.8    312    2.0   100    9.2    9.2    A
* 4014    4.3    307    1.9    99    9.1    9.2    A
* 4016    6.0    317    1.9    99    9.1    9.2    A
* 4018    5.8    312    2.0    99    9.1    9.2    A
* 4020    4.0    161    2.0   100    9.2    9.2    C
* 4022   10.9     78    2.0   102    9.2    9.2    B
* 4024    5.2     50    2.0   100    9.2    9.2    C
* 4026    4.7    149    2.1    98    9.2    9.3    A
* 4028    6.2    128    2.1    97    9.2    9.3    A
* 4030    4.1    122    2.1    97    9.3    9.3    A
* 4032    4.0    139    2.1    96    9.3    9.2    A
* 4034    4.4    292    2.0    96    9.4    9.2    A
* 4036   19.0    261    2.0    96    9.5    9.2    D
* 4038   20.6    340    2.0    96    9.5    9.3    D
* 4040    3.4    176    2.0    97    9.5    9.4    A
* 4042    0.7     75    2.0    97    9.4    9.3    A
* 4044    2.8    319    2.0    98    9.6    9.3    A
* 4046    3.6    326    2.1    99    9.4    9.3    A
* 4048    4.1    344    2.0    99    9.7    9.4    A
* 4050    2.2    320    2.0    99    9.4    9.4    A
* 4052    6.3    333    2.0    98    9.4    9.4    A
* 4054    3.6    341    2.0    96    9.4    9.4    A
* 4056    1.9    335    2.0    96    9.9    9.5    A
* 4058    3.5    334    2.0    96    9.4    9.4    A
* 4060    4.0    339    2.0    98    9.7    9.4    A
* 4062    4.2    332    2.1   100    9.4    9.4    A
* 4064    4.8    292    2.1   103    9.7    9.5    A
* 4066    2.5     18    2.0   103    9.4    9.5    A
* 4068    6.5     14    1.9   103    9.4    9.5    A
* 4070    6.6     17    2.0   104    9.4    9.5    A
*****
    
```



```

*****
*          *      FORMATION          *          BOREHOLE          * QUAL. *
*          *-----*-----*          *          * INDEX *
* DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIA/    DIAM    * BEST *
*          *      AZI.  *      AZI.    1-3     2-4    * =A   *
*****
*
* 4072    3.2      4          2.0    104     9.6     9.4     A    *
* 4074    1.3     348         1.9    104     9.6     9.4     A    *
* 4076    1.2     301         1.8    104     9.7     9.3     A    *
* 4078    2.9      4          1.8    105     9.7     9.3     A    *
* 4080    2.6     347         1.8    103     9.6     9.2     A    *
* 4082    2.9     325         1.8    104     9.6     9.3     A    *
* 4084    3.0     307         1.8    107     9.6     9.4     A    *
* 4086          1.8    107     9.6     9.4     *
* 4088    2.1     135         1.8    107     9.4     9.3     A    *
* 4090    1.6     119         1.7    107     9.4     9.2     A    *
* 4092    0.7     340         1.7    108     9.3     9.2     A    *
* 4094    2.5      39          1.7    108     9.3     9.2     A    *
* 4096    3.9      52          1.8    109     9.3     9.2     A    *
* 4098    4.7      65          1.7    108     9.3     9.3     A    *
* 4100    6.0      69          1.7    108     9.3     9.3     A    *
* 4102    4.3      67          1.7    108     9.2     9.4     A    *
* 4104    4.2      12          1.7    108     9.2     9.4     A    *
* 4106    5.6      50          1.7    107     9.2     9.4     A    *
* 4108    5.2      55          1.7    107     9.1     9.4     A    *
* 4110    4.0     321         1.8    105     9.1     9.4     A    *
* 4112    3.2     340         1.8    104     9.1     9.5     A    *
* 4114    8.0     338         1.7    104     9.7     9.6     C    *
* 4116    6.6     250         1.8    104     9.2     9.6     A    *
* 4118    1.5     347         1.8    104     9.2     9.6     A    *
* 4120    2.9      41          1.9    104     9.2     9.6     A    *
* 4122    4.1      52          1.8    103     9.1     9.6     A    *
* 4124    4.7      49          1.8    102     9.1     9.6     A    *
* 4126    5.4      51          1.9    103     9.1     9.5     A    *
* 4128    12.7     58          2.0    104     8.9     9.4     C    *
* 4130    4.6      46          2.0    105     8.9     9.3     A    *
* 4132    3.8      24          2.0    104     9.1     9.2     A    *
* 4134    2.1     346         2.1    103     9.1     9.2     A    *
* 4136    2.2     339         2.1    104     9.2     9.2     A    *
* 4138    7.8      58          2.1    105     9.3     9.1     A    *
* 4140    7.0      67          2.1    106     9.3     9.1     B    *
* 4142          2.1    104     9.3     9.1     *
* 4144          2.1    101     9.4     9.0     *
* 4146          2.1    101     9.5     8.9     *
* 4148          2.1    101     9.6     9.0     *
* 4150    11.4     80          2.2    101     9.6     9.1     B    *
*****
    
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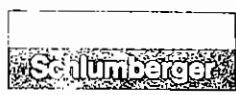
*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *  DIP      DIP      *  DEV.   DEV.   DIAM      DIAM  * INDEX *
*          *      AZI.   *      AZI.   1-3      2-4  * BEST *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
*****
*
* 4152      9.3      72          2.1     102      9.4      9.2      B *
* 4154      4.3      33          2.2     101      9.3      9.2      D *
* 4156      9.2      279         2.2     101      9.2      9.3      B *
* 4158      9.4      274         2.2     102      9.3      9.4      D *
* 4160      3.0      324         2.2     101      9.2      9.4      A *
* 4162      2.4      318         2.2     99       9.0      9.4      A *
* 4164      3.2      294         2.2     97       8.9      9.3      A *
* 4166      4.1      291         2.2     93       9.0      9.3      A *
* 4168      3.2      300         2.2     91       9.1      9.3      A *
* 4170      3.2      308         2.2     92       9.2      9.2      A *
* 4172      56.7     357         2.2     92       9.3      9.3      B *
* 4174      20.0     156         2.1     90       9.3      9.3      B *
* 4176      6.4      115         2.1     88       9.4      9.3      B *
* 4178      5.0      77          2.1     89       9.5      9.6      D *
* 4180      6.1      330         2.1     93       9.5      9.7      B *
* 4182          2.1     94       9.6      9.7      *
* 4184          2.1     94       9.6      9.5      *
* 4186          2.0     95       9.8      9.4      *
* 4188          2.0     95       9.7      9.5      *
* 4190          2.1     92       9.6      9.5      *
* 4192          2.1     93       9.5      9.4      *
* 4194          2.0     93       9.4      9.2      *
* 4196      5.4      344         1.8     94       9.3      9.2      D *
* 4198      4.7      81          1.9     96       9.4      9.3      B *
* 4200     16.6      72          1.9     95       9.5      9.2      B *
* 4202     12.9     129         1.8     94       9.3      9.0      D *
* 4204      4.8      110         1.8     94       9.3      9.0      B *
* 4206      4.7      93          1.8     95       9.1      9.0      B *
* 4208      2.5      147         1.8     95       9.0      8.9      C *
* 4210      1.8      174         1.7     96       8.9      8.9      A *
* 4212      0.3      67          1.7     95       8.9      8.9      A *
* 4214      2.5      340         1.7     95       8.8      8.9      A *
* 4216      2.8      2          1.6     95       8.8      9.0      A *
* 4218      3.1      166         1.6     96       8.8      9.0      A *
* 4220      0.6      232         1.6     97       8.7      9.0      A *
* 4222      1.4      318         1.6     96       8.6      9.0      A *
* 4224      1.2      315         1.7     96       8.8      9.1      A *
* 4226      1.8      107         1.8     96       9.0      9.1      C *
* 4228      3.6      352         1.8     94       9.1      9.1      A *
* 4230      4.1      337         1.8     94       9.0      9.1      A *
*****

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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * INDEX *
*         *       AZI. *       AZI.   1-3   2-4   * =A *
*****
*
* 4232    4.4    355    1.8    97    9.0    9.0    C
* 4234    3.3    356    1.8    99    9.1    9.1    C
* 4236    1.7    97    9.1    9.1
* 4238    5.1    16    1.8    96    9.1    9.1    C
* 4240    1.9    95    9.0    9.1
* 4242    7.6    64    1.9    96    9.0    9.1    A
* 4244    5.7    15    1.9    96    9.0    9.2    A
* 4246    5.3    326    1.9    94    8.9    9.2    A
* 4248    5.0    316    1.9    91    9.0    9.2    A
* 4250    3.1    352    1.9    91    9.0    9.2    C
* 4252    3.2    8    1.9    89    8.9    9.2    C
* 4254    2.9    2    2.0    88    8.9    9.3    A
* 4256    3.4    357    2.0    87    8.8    9.3    A
* 4258    2.1    321    1.9    86    9.0    9.3    C
* 4260    3.1    308    2.0    86    9.1    9.3    A
* 4262    1.0    260    2.0    84    9.1    9.4    A
* 4264    2.4    357    2.0    84    9.0    9.4    A
* 4266    4.0    334    2.0    86    9.1    9.9    A
* 4268    8.4    343    2.0    85    9.3    10.7    C
* 4270    1.9    86    9.4    10.5
* 4272    4.2    144    1.9    86    9.2    9.7    C
* 4274    5.1    80    2.0    85    9.1    9.4    A
* 4276    6.0    74    2.0    84    9.1    9.4    A
* 4278    5.6    360    2.1    82    9.1    9.3    A
* 4280    5.7    4    2.1    82    9.3    9.4    A
* 4282    2.7    20    2.1    81    9.4    9.2    A
* 4284    2.3    337    2.1    76    9.3    9.1    A
* 4286    2.5    329    2.2    73    9.3    9.1    A
* 4288    2.4    312    2.1    72    9.2    9.1    A
* 4290    2.2    299    2.0    74    9.3    9.2    A
* 4292    8.1    326    2.1    73    9.3    9.3    A
* 4294    5.5    309    2.1    74    9.2    9.4    A
* 4296    4.1    273    2.1    75    9.1    9.5    A
* 4298    4.9    280    2.1    75    9.1    9.4    C
* 4300    8.2    331    2.1    75    9.2    9.3    A
* 4302    10.6    332    2.0    77    9.3    9.4    A
* 4304    4.9    327    1.9    77    9.4    9.6    A
* 4306    4.4    294    1.9    77    9.4    9.5    A
* 4308    3.6    196    2.0    78    9.4    9.4    A
* 4310    3.8    237    1.9    80    9.4    9.3    A
*****
    
```



FORMATION			BOREHOLE				QUAL.	INDEX	
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A		
*	4312	10.6	268	1.8	81	9.4	9.3	C	*
*	4314	7.7	287	1.8	81	9.4	9.3	A	*
*	4316	3.1	157	1.8	83	9.5	9.2	A	*
*	4318	1.6	277	1.8	84	9.5	9.2	A	*
*	4320	2.2	265	1.8	85	9.5	9.4	A	*
*	4322	2.7	114	1.7	84	9.5	9.5	A	*
*	4324	4.4	322	1.8	80	9.4	9.4	A	*
*	4326	8.1	347	1.8	78	9.3	9.4	A	*
*	4328	11.4	326	1.7	78	9.3	9.4	A	*
*	4330	11.2	270	1.7	79	9.3	9.3	C	*
*	4332	1.1	259	1.7	81	9.4	9.4	A	*
*	4334	15.2	125	1.7	81	9.4	9.4	B	*
*	4336	12.8	109	1.7	79	9.2	9.3	C	*
*	4338	6.9	43	1.6	77	9.2	9.3	A	*
*	4340	5.6	341	1.6	78	9.2	9.3	A	*
*	4342	4.9	325	1.6	81	9.3	9.2	A	*
*	4344	3.8	331	1.6	86	9.3	9.1	A	*
*	4346	4.8	328	1.6	88	9.3	9.2	A	*
*	4348	4.8	243	1.7	87	9.4	9.2	A	*
*	4350	3.4	206	1.8	84	9.4	9.2	A	*
*	4352	2.9	20	1.8	81	9.5	9.3	A	*
*	4354	2.6	359	1.8	79	9.4	9.4	A	*
*	4356	2.7	353	1.7	81	9.4	9.5	A	*
*	4358	3.5	25	1.8	82	9.4	9.6	A	*
*	4360	3.5	14	1.9	80	9.3	9.5	A	*
*	4362	3.2	357	1.8	77	9.2	9.5	A	*
*	4364	2.9	335	1.9	75	9.2	9.5	A	*
*	4366	2.8	331	1.9	75	9.2	9.4	A	*
*	4368	3.1	2	1.8	76	9.2	9.3	A	*
*	4370	8.2	12	1.7	76	9.2	9.2	A	*
*	4372	7.5	7	1.8	74	9.2	9.2	A	*
*	4374	5.9	1	1.9	72	9.3	9.2	A	*
*	4376	3.0	350	1.8	71	9.3	9.2	A	*
*	4378	1.7	237	1.7	70	9.3	9.3	A	*
*	4380	2.5	301	1.8	71	9.3	9.4	A	*
*	4382	3.1	334	1.7	70	9.4	9.4	A	*
*	4384	6.2	227	1.7	70	9.4	9.5	C	*
*	4386			1.7	72	9.4	9.6		*
*	4388	8.6	315	1.6	72	9.5	9.5	A	*
*	4390	5.7	340	1.7	70	9.5	9.5	A	*



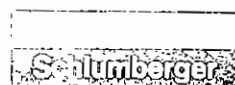

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*****
*          *      FORMATION          *          BOREHOLE          *      QUAL.      *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *    DIP    DIP    *    DEV.    DEV.    DIAM    DIAM    * BEST   *
*         *         AZI.  *         AZI.    1-3    2-4    * =A     *
*****
```

DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
4472	6.5	297	1.4	75	9.4	9.3	A
4474	3.5	319	1.3	75	9.4	9.3	A
4476	4.7	301	1.4	77	9.3	9.3	A
4478	5.1	340	1.3	80	9.2	9.2	C
4480	10.3	310	1.3	82	9.3	9.1	C
4482	0.9	13	1.3	82	9.2	9.1	A
4484	1.8	316	1.3	80	9.2	9.1	A
4486	3.5	337	1.3	79	9.2	9.1	A
4488	1.9	261	1.3	78	9.2	9.1	A
4490	3.3	230	1.3	82	9.2	9.1	A
4492	3.7	254	1.4	87	9.2	9.1	A
4494	11.3	304	1.4	88	9.2	9.1	C
4496	16.8	345	1.4	88	9.2	9.0	B
4498	4.6	22	1.4	85	9.2	9.0	A
4500	2.5	10	1.4	81	9.2	9.1	A
4502	2.5	222	1.4	80	9.2	9.1	A
4504	3.1	279	1.4	82	9.1	9.2	A
4506	3.8	306	1.5	84	9.0	9.2	A
4508	3.6	312	1.5	83	9.0	9.2	A
4510	4.0	336	1.5	83	9.0	9.3	A
4512	2.1	60	1.5	84	9.0	9.3	A
4514	2.5	356	1.5	82	9.0	9.2	C
4516	2.3	235	1.5	77	9.0	9.2	A
4518	2.1	228	1.6	75	9.1	9.2	A
4520	1.3	333	1.5	76	9.1	9.2	A
4522	2.0	330	1.4	76	9.1	9.1	A
4524	5.8	291	1.5	75	9.1	9.2	C
4526	8.3	209	1.6	74	9.2	9.2	C
4528	4.3	270	1.5	73	9.2	9.1	A
4530	3.8	263	1.4	73	9.2	9.1	A
4532	1.1	331	1.4	74	9.3	9.1	A
4534	3.5	319	1.4	72	9.3	9.1	A
4536	3.4	310	1.4	73	9.3	9.1	A
4538	2.9	5	1.4	79	9.3	9.1	A
4540	1.6	21	1.5	80	9.4	9.1	A
4542	2.1	328	1.4	77	9.4	9.2	A
4544	2.9	288	1.4	75	9.4	9.3	C
4546	4.6	335	1.4	76	9.5	9.6	C
4548	6.1	1	1.4	78	9.6	9.6	A
4550	3.0	349	1.4	81	9.6	9.5	A




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*****
*           * FORMATION *           * BOREHOLE *           * QUAL. *
*           *-----*           *-----*           * INDEX *
* DEPTH *   DIP   DIP   * DEV.   DEV.   DIAM   DIAM * BEST *
*       *       AZI. *     AZI.   1-3   2-4 * =A *
*****
*
* 4872      0.6      50      1.8      75      10.1      9.1      A *
* 4874      4.1      29      1.8      78      10.2      9.1      A *
* 4876      6.2     360      1.7      76      10.4      9.2      C *
* 4878      3.9     329      1.6      74      10.6      9.2      A *
* 4880      2.1     124      1.6      74      10.6      9.1      A *
* 4882      6.3     121      1.6      75      10.5      9.2      A *
* 4884      4.8     124      1.5      77      10.6      9.2      A *
* 4886      3.9      90      1.5      78      10.7      9.2      A *
* 4888      7.7      57      1.6      77      10.6      9.2      A *
* 4890      7.3      58      1.6      76      10.6      9.2      A *
* 4892     12.0     120      1.5      76      10.5      9.2      C *
* 4894      1.4     148      1.6      76      10.4      9.1      C *
* 4896      0.7     305      1.6      77      10.3      9.1      A *
* 4898      1.7     335      1.8      77      10.0      9.1      A *
* 4900      5.1     340      1.8      75      9.9      9.1      A *
* 4902      4.7     346      1.6      74      9.9      8.9      A *
* 4904      5.2      49      1.7      74      10.1      8.9      A *
* 4906      3.4      20      1.6      75      10.1      9.1      A *
* 4908      3.7       1      1.5      77      10.2      9.1      A *
* 4910      5.4     337      1.6      79      10.1      9.1      A *
* 4912      8.5     296      1.6      81      10.1      9.2      A *
* 4914      6.8     289      1.6      80      10.1      9.2      A *
* 4916      6.4     305      1.6      79      10.2      9.2      A *
* 4918      5.0     339      1.6      80      10.3      9.2      A *
* 4920      5.0     342      1.7      80      10.3      9.3      A *
* 4922      7.2     323      1.6      81      10.7      9.3      A *
* 4924      2.9     163      1.5      81      10.9      9.3      C *
* 4926      5.8     267      1.6      78      10.8      9.2      C *
* 4928      2.9     154      1.8      76      10.8      9.2      A *
* 4930      1.7      77      10.9      9.1      *
* 4932      1.6      79      11.0      9.0      *
* 4934      9.4      13      1.5      80      10.9      9.0      B *
* 4936      9.5      15      1.5      81      10.8      8.9      B *
* 4938      1.6      78      10.7      8.9      *
* 4940      9.5     337      1.6      76      10.6      8.9      D *
* 4942      1.6      78      10.4      9.0      *
* 4944      1.5      78      10.5      9.3      *
* 4946      1.6      78      10.3      9.4      *
* 4948      1.6      76      9.7      9.4      *
* 4950      1.6      79      9.5      9.3      *
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* FORMATION *					* BOREHOLE *			* QUAL. *	
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	INDEX	
		AZI.		AZI.	1-3	2-4	=A		

* 4952	1.9	265	1.5	82	9.7	9.1	A		*
* 4954	2.2	115	1.6	80	9.9	9.0	C		*
* 4956			1.6	81	10.1	9.0			*
* 4958			1.5	83	10.1	9.1			*
* 4960	10.8	23	1.4	82	9.8	9.1	C		*
* 4962	8.3	20	1.4	81	9.6	9.1	C		*
* 4964	4.1	352	1.4	82	9.5	9.2	C		*
* 4966	2.7	89	1.4	84	9.4	9.2	A		*
* 4968	2.0	351	1.3	89	9.1	9.2	A		*
* 4970	3.5	312	1.3	92	8.9	9.0	A		*
* 4972	1.7	52	1.3	92	8.9	9.0	L		*
* 4974	2.3	83	1.3	91	9.0	9.2	B		*
* 4976	2.2	63	1.3	91	9.2	9.1	B		*
* 4978	1.8	345	1.2	92	9.4	9.0	D		*
* 4980	4.9	14	1.2	92	9.3	9.1	E		*
* 4982	7.8	5	1.3	94	9.2	9.1	D		*
* 4984			1.2	96	9.2	9.1			*
* 4986			1.2	96	9.3	9.2			*
* 4988	6.1	360	1.2	96	9.3	9.3	D		*
* 4990	6.1	7	1.2	95	9.3	9.6	D		*
* 4992	6.6	322	1.2	94	9.2	9.6	A		*
* 4994	7.0	350	1.1	98	9.1	9.5	A		*
* 4996			1.1	99	9.2	9.5			*
* 4998	5.2	320	1.2	98	9.2	9.6	C		*
* 5000			1.2	99	9.2	9.7			*
* 5002	5.1	72	1.1	100	9.2	9.8	C		*
* 5004			1.2	99	9.2	9.8			*
* 5006	5.8	335	1.3	99	9.2	9.8	A		*
* 5008	4.7	336	1.4	101	9.1	9.8	A		*
* 5010	3.3	336	1.4	98	9.1	9.8	A		*
* 5012	1.7	31	1.2	97	9.1	9.7	A		*
* 5014	1.5	53	1.2	101	9.0	9.5	A		*
* 5016	0.9	351	1.2	99	9.0	9.6	A		*
* 5018	2.2	317	1.2	96	9.0	9.6	A		*
* 5020	3.3	26	1.3	97	9.0	9.6	A		*
* 5022	2.1	24	1.2	99	9.0	9.6	A		*
* 5024	1.8	22	1.2	98	9.0	9.6	A		*
* 5026	2.1	44	1.2	99	9.0	9.6	A		*
* 5028	2.4	326	1.2	98	8.9	9.6	A		*
* 5030	2.4	317	1.2	98	9.0	9.6	A		*



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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
*  DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIAM    DIAM    *  BEST  *
*          *      AZI.  *      AZI.    1-3    2-4    *  =A    *
*****
*
*  5032    4.2    340    1.3    101    9.1    9.7    A    *
*  5034    4.6    342    1.2    99    9.0    9.7    C    *
*  5036    1.3    99    9.0    9.7    *
*  5038    3.4    2    1.3    100    9.1    9.7    A    *
*  5040    1.4    124    1.3    98    9.1    9.8    A    *
*  5042    2.4    356    1.3    98    9.1    9.9    A    *
*  5044    2.6    14    1.2    101    9.0    9.9    A    *
*  5046    3.4    45    1.2    101    9.0    10.0    A    *
*  5048    10.3    220    1.3    99    9.1    10.0    C    *
*  5050    4.1    86    1.3    102    9.1    10.0    A    *
*  5052    4.2    86    1.3    102    9.1    10.0    A    *
*  5054    5.4    15    1.3    102    9.1    10.1    B    *
*  5056    2.3    347    1.3    104    9.1    10.1    B    *
*  5058    1.5    348    1.3    99    9.1    10.1    D    *
*  5060    1.3    94    9.1    10.2    *
*  5062    6.9    11    1.2    94    9.1    10.2    D    *
*  5064    7.6    30    1.3    93    9.0    10.2    D    *
*  5066    10.7    341    1.2    92    9.0    10.0    D    *
*  5068    2.4    8    1.2    96    9.0    10.0    D    *
*  5070    5.0    135    1.3    96    9.0    9.9    D    *
*  5072    1.3    93    8.9    9.9    *
*  5074    6.3    115    1.3    94    8.9    9.9    C    *
*  5076    4.4    123    1.3    93    8.8    9.8    A    *
*  5078    4.0    145    1.2    93    8.8    9.7    A    *
*  5080    3.7    176    1.2    96    8.9    9.7    A    *
*  5082    0.6    192    1.2    96    8.8    9.7    A    *
*  5084    1.6    288    1.2    94    8.8    9.8    A    *
*  5086    3.1    50    1.2    96    8.8    9.7    A    *
*  5088    3.1    326    1.2    98    8.7    9.7    C    *
*  5090    3.9    290    1.2    96    8.7    9.9    A    *
*  5092    2.5    281    1.2    96    8.6    10.1    A    *
*  5094    3.4    302    1.2    97    8.7    9.9    A    *
*  5096    5.2    312    1.2    96    8.9    9.6    A    *
*  5098    2.4    307    1.2    96    8.9    9.6    A    *
*  5100    3.0    2    1.2    97    8.8    9.6    A    *
*  5102    4.1    11    1.3    97    8.8    9.6    A    *
*  5104    4.4    319    1.3    99    8.8    9.7    A    *
*  5106    3.9    316    1.2    98    8.8    9.8    A    *
*  5108    1.7    359    1.2    97    8.9    9.7    A    *
*  5110    1.1    6    1.2    98    9.0    9.8    A    *
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FORMATION		BOREHOLE					QUAL.
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	INDEX
		AZI.		AZI.	1-3	2-4	BEST
							=A
* 5112	2.5	7	1.3	100	9.0	9.9	A
* 5114	4.7	1	1.3	99	9.0	10.0	A
* 5116	5.5	169	1.2	99	8.8	10.0	A
* 5118	4.2	176	1.2	103	8.8	9.9	A
* 5120	3.1	1	1.3	101	8.8	9.8	A
* 5122	2.1	341	1.2	101	8.6	9.9	A
* 5124	3.2	321	1.3	106	8.3	9.9	A
* 5126	4.9	299	1.2	106	8.3	9.7	A
* 5128	4.4	297	1.2	103	8.2	9.6	A
* 5130	2.1	18	1.2	105	8.3	9.6	A
* 5132	1.7	26	1.2	106	8.3	9.5	A
* 5134	2.0	60	1.2	103	8.5	9.5	A
* 5136	2.4	208	1.2	104	8.8	9.6	A
* 5138	1.1	356	1.2	105	8.8	9.6	A
* 5140	3.1	327	1.3	102	8.9	9.6	A
* 5142	4.1	358	1.3	104	8.9	9.7	A
* 5144	4.1	352	1.3	106	8.8	9.7	A
* 5146	4.4	332	1.3	104	8.7	9.6	A
* 5148	3.3	322	1.3	106	8.8	9.6	A
* 5150	2.7	348	1.3	109	8.9	9.6	A
* 5152	2.1	360	1.3	108	8.9	9.6	A
* 5154	4.7	78	1.3	108	8.9	9.7	A
* 5156	4.2	77	1.2	110	8.9	9.7	A
* 5158	1.4	339	1.2	110	8.8	9.9	A
* 5160	4.9	331	1.3	108	8.8	10.0	A
* 5162	4.6	347	1.3	111	8.9	9.9	A
* 5164	3.3	2	1.4	112	8.9	9.8	C
* 5166	2.1	344	1.4	110	8.8	9.9	A
* 5168	7.9	323	1.3	112	8.8	10.0	C
* 5170			1.4	113	8.8	10.0	
* 5172			1.3	111	8.8	9.8	
* 5174	6.8	174	1.3	115	8.9	9.9	C
* 5176			1.3	119	8.9	9.8	
* 5178	5.8	98	1.3	116	8.7	9.7	C
* 5180	0.8	253	1.3	113	8.7	9.7	A
* 5182	8.4	295	1.2	114	8.8	9.7	C
* 5184	5.6	306	1.2	114	8.7	9.7	A
* 5186	5.6	306	1.2	114	8.7	9.8	A
* 5188	3.8	247	1.2	115	8.8	9.8	A
* 5190	3.0	292	1.2	117	8.9	9.7	A



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*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*          *          *-----*-----*      INDEX *
* DEPTH   *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST   *
*         *       AZI. *       AZI.   1-3   2-4   * =A   *
*****
*
*   5192   5.6     4       1.2     115    8.9    9.7    A     *
*   5194   7.1    31      1.2     113    8.8    9.7    C     *
*   5196   7.2   165     1.2     115    8.7    9.5    A     *
*   5198   9.8   172     1.3     117    8.7    9.6    A     *
*   5200   9.2   175     1.2     117    8.8    9.7    C     *
*   5202   4.8   345     1.2     118    8.9    9.7    A     *
*   5204   3.7   339     1.3     118    8.9    9.6    A     *
*   5206   3.5   317     1.3     116    8.8    9.6    A     *
*   5208   4.4   328     1.3     116    8.7    9.6    A     *
*   5210   4.2   330     1.3     120    8.6    9.5    A     *
*   5212   3.5   284     1.3     120    8.6    9.5    A     *
*   5214   1.3   279     1.3     118    8.6    9.6    A     *
*   5216   1.5   210     1.3     118    8.6    9.6    A     *
*   5218   2.1   203     1.3     118    8.7    9.8    A     *
*   5220   4.3   299     1.3     119    8.7    9.8    C     *
*   5222   3.2   331     1.3     121    8.6    9.8    C     *
*   5224   7.5   356     1.3     122    8.7    9.7    C     *
*   5226   8.1    1       1.3     118    8.7    9.7    C     *
*   5228   6.5   153     1.3     118    8.7    9.7    C     *
*   5230   3.9   114     1.3     122    8.7    9.6    A     *
*   5232   4.0   165     1.2     121    8.6    9.6    A     *
*   5234   5.0   180     1.3     120    8.6    9.7    A     *
*   5236   3.3   287     1.3     122    8.6    9.7    A     *
*   5238   2.9   315     1.3     120    8.5    9.9    A     *
*   5240   2.6   348     1.3     120    8.6    9.9    A     *
*   5242   1.6   330     1.3     124    8.6    9.8    A     *
*   5244   1.8   320     1.2     120    8.5    9.9    A     *
*   5246   1.1   341     1.2     118    8.5    10.0   A     *
*   5248   1.3   300     1.2     123    8.5    9.8    A     *
*   5250   2.3   305     1.3     124    8.5    9.8    A     *
*   5252   1.3   274     1.3     122    8.7    9.8    A     *
*   5254   5.5   179     1.2     125    8.8    9.8    C     *
*   5256   9.2   343     1.2     127    8.8    9.8    C     *
*   5258   7.5   142     1.1     123    8.7    9.9    A     *
*   5260   10.4  120     1.1     124    8.6    9.9    A     *
*   5262   9.9   118     1.2     127    8.6    9.9    A     *
*   5264   9.8   112     1.2     125    8.7    9.9    A     *
*   5266   2.5   129     1.2     126    8.7    9.9    A     *
*   5268   12.1  310     1.2     130    8.8    9.9    B     *
*   5270   11.6  313     1.2     128    8.8    9.9    B     *
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*****
*          *      FORMATION          *          *      BOREHOLE          *      QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIAM    DIAM    * BEST *
*          *      AZI.  *      AZI.    1-3    2-4    * =A *
*****
*
* 5352    7.6    105    1.3    130    8.9    9.2    B
* 5354    33.3   351    1.3    129    8.8    9.2    D
* 5356
* 5358    27.6   357    1.3    131    8.8    9.2    D
* 5360    27.3   356    1.2    132    8.9    9.3    B
* 5362    7.3    88     1.3    129    9.0    9.3    D
* 5364    6.6    93     1.3    128    8.9    9.3    B
* 5366    9.0    91     1.3    130    8.8    9.4    B
* 5368    2.2    264    1.3    130    8.9    9.5    A
* 5370    2.9    252    1.3    127    8.8    9.5    A
* 5372    3.7    288    1.3    127    8.8    9.6    A
* 5374    5.1    305    1.3    128    8.9    9.7    A
* 5376    1.3    11     1.3    125    8.8    9.7    A
* 5378    2.1    46     1.3    126    8.8    9.9    A
* 5380    1.8    131    1.3    129    8.8    10.0   C
* 5382    2.2    149    1.3    127    8.8    10.1   A
* 5384    0.6    252    1.2    124    8.8    10.1   A
* 5386    0.8    253    1.2    126    8.9    10.1   A
* 5388    2.9    33     1.3    127    8.9    10.1   A
* 5390    0.6    253    1.2    127    8.8    10.1   A
* 5392    8.4    92     1.2    132    8.7    10.1   A
* 5394    3.9    99     1.3    132    8.8    10.2   A
* 5396    1.5    29     1.2    128    8.9    10.2   A
* 5398    1.3    30     1.2    128    9.0    10.2   C
* 5400    1.3    352    1.2    129    8.9    10.2   A
* 5402    1.0    4      1.3    127    8.8    10.3   C
* 5404    1.5    8      1.3    128    8.7    10.7   A
* 5406    1.8    339    1.3    129    8.7    10.7   A
* 5408    1.7    324    1.3    127    8.7    10.3   A
* 5410    1.5    28     1.3    126    8.9    10.1   A
* 5412    4.4    10     1.3    129    8.9    10.0   A
* 5414    2.8    291    1.3    131    8.6    9.9    A
* 5416    1.5    353    1.2    127    8.5    9.8    A
* 5418    1.9    26     1.2    126    8.6    9.8    A
* 5420    1.9    105    1.2    127    8.6    9.9    A
* 5422    1.2    87     1.2    125    8.7    9.9    A
* 5424    1.8    325    1.2    127    8.8    9.8    A
* 5426    3.6    113    1.2    128    8.9    9.7    A
* 5428    1.1    17     1.2    126    9.0    9.7    A
* 5430    1.6    345    1.2    126    9.0    9.7    A
*****
    
```



* FORMATION *					* BOREHOLE *			* QUAL. *	

* DEPTH *	* DIP *	* DIP *	* DEV. *	* DEV. *	* DIAM *	* DIAM *	* BEST *	* INDEX *	* =A *
		AZI.		AZI.	1-3	2-4			

* 5512	6.2	29	1.1	130	8.6	9.3	D	*	*
* 5514	9.9	22	1.1	129	8.6	9.3	D	*	*
* 5516	10.0	355	1.1	128	8.6	9.4	D	*	*
* 5518	3.7	283	1.1	131	8.6	9.4	B	*	*
* 5520	2.8	289	1.2	132	8.7	9.4	A	*	*
* 5522	0.9	2	1.1	131	8.6	9.4	A	*	*
* 5524	2.0	350	1.0	133	8.6	9.4	A	*	*
* 5526	3.2	335	1.1	131	8.6	9.4	A	*	*
* 5528	3.6	352	1.1	129	8.6	9.3	A	*	*
* 5530	0.7	322	1.2	131	8.8	9.3	A	*	*
* 5532	2.6	9	1.1	131	8.8	9.3	A	*	*
* 5534	8.2	360	1.1	129	8.7	9.2	A	*	*
* 5536	6.6	352	1.1	131	8.6	9.2	A	*	*
* 5538	3.8	341	1.1	131	8.6	9.1	A	*	*
* 5540	6.4	226	1.1	129	8.6	9.0	A	*	*
* 5542	5.1	330	1.1	130	8.6	9.0	A	*	*
* 5544	1.8	89	1.0	129	8.6	8.9	A	*	*
* 5546	2.9	100	1.1	129	8.6	8.7	A	*	*
* 5548	5.3	30	1.2	129	8.6	8.8	A	*	*
* 5550	8.4	330	1.2	130	8.6	8.8	A	*	*
* 5552	3.0	262	1.2	132	8.5	8.9	A	*	*
* 5554	1.6	236	1.2	131	8.5	8.7	A	*	*
* 5556	1.5	274	1.2	128	8.5	8.5	A	*	*
* 5558	3.3	306	1.1	127	8.5	8.5	A	*	*

NORTHWEST EXPLORATION CO SAWYER RAPIDS #1 SUMMARY

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*****
* DEPTH *   DIP   DIP   *   DEV   DEV   DIAM   DIAM * QUAL *
*       *       AZM  *       AZM   1-3   2-4  *     *
*****
*
* TOP
* 706.0   10.2   307.   2.9   116.   10.2   8.9   A   *
*
* BUTOM
* 5558.0  3.3    306.   1.1   127.   8.5    8.5   A   *
*
*****

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