

6011657

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*-----SCHLUMBERGER-----*  
*-----SCHLUMBERGER-----*  
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SCHLUMBERGER DIRECTIONAL SURVEY

UNION OIL OF CALIFORNIA

COVE FORT 31-33

COVE FORT FIELD

MILLARD COUNTY, UTAH

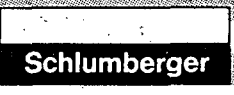
RUN NO. 1      1752 - 5218

JULY 18, 1978

START OF SURVEY @ 1752

RADIUS OF CURVATURE METHOD

REFERENCE JOB    4447.



*****							
* DEPTH	* DEVIATION	* AZIMUTH	* TRUE	* VERTICAL	* CO-ORDINATES		* COURSE
* FEET	* DEGREES	* DEGREES	* DEPTH	* FEET	* + NORTH	* + EAST	* LENGTH
* * *	* * *	* * *	* * *	* * *	* - SOUTH	* - WEST	* FEET
*****							
* 1752.0	* 4.9	* 284.0	* 1752.0	* 0.0	* 0.0	* 0.0	* 0.0
* 1800.0	* 5.1	* 307.6	* 1799.8	* 1.2	* -4.1	* 4.2	* 4.2
* 1900.0	* 5.4	* 284.7	* 1899.4	* 3.7	* -12.9	* 13.4	* 13.4
* 2000.0	* 5.5	* 283.2	* 1998.9	* 6.0	* -22.2	* 23.0	* 23.0
* 2100.0	* 5.7	* 285.5	* 2098.5	* 8.4	* -31.6	* 32.7	* 32.7
* 2200.0	* 5.9	* 285.2	* 2198.0	* 11.1	* -41.3	* 42.7	* 42.7
* 2300.0	* 6.1	* 281.7	* 2297.4	* 13.5	* -51.5	* 53.2	* 53.2
* 2400.0	* 6.4	* 278.5	* 2396.8	* 15.4	* -62.2	* 64.1	* 64.1
* 2500.0	* 6.6	* 278.8	* 2496.2	* 17.1	* -73.3	* 75.3	* 75.3
* 2600.0	* 6.7	* 278.2	* 2595.5	* 18.8	* -84.7	* 86.8	* 86.8
* 2700.0	* 6.6	* 281.3	* 2694.8	* 20.7	* -96.1	* 98.3	* 98.3
* 2800.0	* 6.8	* 275.4	* 2794.2	* 22.4	* -107.6	* 109.9	* 109.9
* 2900.0	* 6.8	* 264.2	* 2893.5	* 22.4	* -119.4	* 121.4	* 121.4
* 3000.0	* 6.9	* 255.4	* 2992.7	* 20.3	* -131.0	* 132.6	* 132.6
* 3100.0	* 7.5	* 249.9	* 3092.0	* 16.5	* -142.9	* 143.9	* 143.9
* 3200.0	* 8.0	* 240.0	* 3191.1	* 10.8	* -155.0	* 155.4	* 155.4
* 3300.0	* 8.4	* 234.7	* 3290.0	* 3.1	* -167.0	* 167.0	* 167.0
* 3400.0	* 9.2	* 230.7	* 3388.9	* -6.2	* -179.1	* 179.2	* 179.2
* 3500.0	* 9.6	* 227.5	* 3487.5	* -16.9	* -191.5	* 192.2	* 192.2
* 3600.0	* 9.9	* 226.2	* 3586.1	* -28.5	* -203.9	* 205.8	* 205.8
* 3700.0	* 10.3	* 225.2	* 3684.5	* -40.8	* -216.4	* 220.3	* 220.3
* 3800.0	* 10.6	* 228.3	* 3782.8	* -53.3	* -229.7	* 235.8	* 235.8
* 3900.0	* 10.8	* 226.5	* 3881.1	* -65.9	* -243.4	* 252.1	* 252.1
* 4000.0	* 11.0	* 225.2	* 3979.3	* -79.0	* -256.9	* 268.8	* 268.8
* 4100.0	* 11.4	* 227.5	* 4077.4	* -92.4	* -270.9	* 286.3	* 286.3
* 4200.0	* 11.5	* 224.7	* 4175.4	* -106.1	* -285.2	* 304.3	* 304.3
* 4300.0	* 11.7	* 224.0	* 4273.3	* -120.5	* -299.3	* 322.7	* 322.7
* 4400.0	* 12.3	* 225.6	* 4371.2	* -135.3	* -314.0	* 341.9	* 341.9
* 4500.0	* 12.7	* 226.0	* 4468.8	* -150.4	* -329.5	* 362.2	* 362.2
* 4600.0	* 13.0	* 226.0	* 4566.3	* -165.8	* -345.5	* 383.3	* 383.3
* 4700.0	* 13.5	* 224.4	* 4663.6	* -182.0	* -361.8	* 404.9	* 404.9
* 4800.0	* 13.7	* 219.1	* 4760.8	* -199.5	* -377.4	* 426.8	* 426.8
* 4900.0	* 13.9	* 222.9	* 4858.0	* -217.4	* -393.0	* 449.1	* 449.1
* 5000.0	* 13.3	* 227.3	* 4955.2	* -234.0	* -409.6	* 471.7	* 471.7
* 5100.0	* 13.9	* 231.3	* 5052.4	* -249.3	* -427.4	* 494.8	* 494.8
* 5200.0	* 14.0	* 236.1	* 5149.4	* -263.5	* -446.8	* 518.7	* 518.7
* 5218.0	* 14.0	* 237.0	* 5166.9	* -266.1	* -450.3	* 523.0	* 523.0
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\*-----SCHLUMBERGER-----\*  
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DIPMETER

CLUSTER

CALCULATION

LISTING

UNION OIL OF CALIFOR

COVE FORT #31-33

CDVE FORT

MILLARD, UTAH

RUN NO. ONE JOB 4447

CORRELATION LENGTH 4 FT.

STEP LENGTH 2 FT.

SEARCH ANGLE 30DEG.X2

18-JUL-7

*****									
* FORMATION * BOREHOLE * QUAL., *									
* ----- * INDEX *									
* DEPTH *	* DIP *	DIP *	* DEV. *	DEV. *	DIAM *	DIAM *	* BEST *	*	
		AZI. *		AZI. *	1-3 *	2-4 *	=A *		
*****									
* 1752.0	7.3	6	4.9	284	12.8	12.7	D	*	*
* 1754.0			5.0	283	12.8	12.7		*	*
* 1756.0	1.9	321	5.0	282	12.6	12.7	D	*	*
* 1758.0			5.0	280	12.6	12.7		*	*
* 1760.0			5.0	280	12.6	12.7		*	*
* 1762.0			4.9	281	12.6	12.7		*	*
* 1764.0	20.4	195	5.0	279	12.6	12.7	D	*	*
* 1766.0	19.0	192	5.0	279	12.6	12.7	D	*	*
* 1768.0	19.4	188	5.0	279	12.6	12.7	D	*	*
* 1770.0			5.0	281	12.6	12.7		*	*
* 1772.0			5.1	281	12.6	12.7		*	*
* 1774.0	22.4	195	5.1	280	12.6	12.7	D	*	*
* 1776.0	21.9	206	5.2	280	12.6	12.8	D	*	*
* 1778.0			5.2	280	12.6	12.8		*	*
* 1780.0			5.2	281	12.6	12.9		*	*
* 1782.0			5.2	282	12.6	12.9		*	*
* 1784.0	59.3	44	5.2	283	12.6	12.9	D	*	*
* 1786.0	26.9	127	5.2	284	12.6	12.9	D	*	*
* 1788.0			5.3	283	12.6	12.9		*	*
* 1790.0			5.4	283	12.6	12.9		*	*
* 1792.0	31.3	133	5.7	282	12.6	13.0	D	*	*
* 1794.0	31.1	133	5.9	284	12.6	13.0	D	*	*
* 1796.0			6.1	285	12.6	13.0		*	*
* 1798.0			6.0	285	12.6	13.0		*	*
* 1800.0			5.8	285	12.6	13.0		*	*
* 1802.0			5.8	286	12.6	12.9		*	*
* 1804.0	17.6	79	5.5	287	12.6	12.9	B	*	*
* 1806.0	17.4	80	5.3	287	12.6	12.9	D	*	*
* 1808.0			5.2	286	12.6	13.0		*	*
* 1810.0	3.5	212	5.2	287	12.6	13.0	D	*	*
* 1812.0	14.3	69	5.2	288	12.6	13.0	D	*	*
* 1814.0			5.2	288	12.6	13.0		*	*
* 1816.0			5.2	287	12.6	13.0		*	*
* 1818.0			5.2	288	12.6	13.0		*	*
* 1820.0			5.2	288	12.6	13.1		*	*
* 1822.0	24.3	92	5.2	288	12.6	13.1	D	*	*
* 1824.0	22.7	84	5.2	288	12.6	13.1	D	*	*
* 1826.0			5.2	287	12.6	13.0		*	*
* 1828.0			5.2	288	12.6	13.0		*	*
* 1830.0	17.2	89	5.2	287	12.6	13.0	D	*	*
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*          * FORMATION          *          * BOREHOLE          * QUAL., *
*          * -----          *          * -----          * INDEX *
* DEPTH  *  DIP    DIP    *  DEV.  DEV.    DIAM    DIAM  * BEST  *
*          *          AZI.  *          *          AZI.    1-3    2-4  *  =A   *
*****
* 1832.0  19.4    97     *  5.2  287    12.6   13.0   *  B    *
* 1834.0          *  5.2  286    12.6   13.0   *      *
* 1836.0          *  5.2  285    12.6   13.0   *      *
* 1838.0  33.5   113    *  5.2  285    12.6   12.9   *  D    *
* 1840.0  27.2   101    *  5.2  285    12.7   12.9   *  D    *
* 1842.0          *  5.2  283    12.8   13.0   *      *
* 1844.0  15.8   314    *  5.2  285    12.8   13.0   *  D    *
* 1846.0  20.4   311    *  5.2  286    12.8   13.0   *  B    *
* 1848.0          *  5.2  284    12.9   13.0   *      *
* 1850.0          *  5.3  286    12.9   13.0   *      *
* 1852.0  24.6   307    *  5.3  287    12.8   12.9   *  D    *
* 1854.0          *  5.3  286    12.8   12.9   *      *
* 1856.0          *  5.2  286    12.8   12.9   *      *
* 1858.0  18.9   314    *  5.2  286    12.9   12.8   *  B    *
* 1860.0          *  5.2  286    12.9   12.8   *      *
* 1862.0          *  5.2  288    12.9   12.8   *      *
* 1864.0          *  5.2  287    12.9   12.8   *      *
* 1866.0          *  5.2  285    12.9   12.8   *      *
* 1868.0          *  5.2  285    12.9   12.8   *      *
* 1870.0          *  5.2  286    12.9   12.8   *      *
* 1872.0          *  5.3  287    12.9   12.8   *      *
* 1874.0          *  5.3  286    12.9   12.7   *      *
* 1876.0          *  5.3  286    12.9   12.7   *      *
* 1878.0          *  5.3  285    12.9   12.7   *      *
* 1880.0          *  5.3  284    12.9   12.7   *      *
* 1882.0  21.0   345    *  5.3  284    12.9   12.7   *  D    *
* 1884.0  21.1   344    *  5.3  285    12.9   12.8   *  D    *
* 1886.0          *  5.3  285    12.9   12.8   *      *
* 1888.0          *  5.3  282    12.9   12.8   *      *
* 1890.0          *  5.3  281    13.0   12.8   *      *
* 1892.0  53.9   141    *  5.4  281    12.9   12.8   *  D    *
* 1894.0  15.5   349    *  5.4  282    12.9   12.8   *  D    *
* 1896.0  46.5   144    *  5.4  282    12.9   12.8   *  D    *
* 1898.0  48.0   142    *  5.4  283    12.9   12.8   *  D    *
* 1900.0  50.2   139    *  5.4  283    12.9   12.8   *  D    *
* 1902.0          *  5.4  282    12.9   12.8   *      *
* 1904.0          *  5.5  282    12.9   12.8   *      *
* 1906.0          *  5.4  282    12.9   12.8   *      *
* 1908.0          *  5.4  282    12.8   12.8   *      *
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*          * FORMATION *          BOREHOLE * QUAL., *
*          *-----*-----*-----*-----* INDEX *
* DEPTH *  DIP   DIP *  DEV.  DEV.  DIAM  DIAM * BEST *
*          *     AZI. *     AZI.  1-3   2-4 * =A *
*****
* 1910.0 *          * 5.5   283   12.8  12.8 *
* 1912.0 *          * 5.5   283   12.8  12.8 *
* 1914.0 *          * 5.5   282   12.9  12.8 *
* 1916.0 *          * 5.4   282   12.9  12.8 *
* 1918.0 *          * 5.5   284   12.8  12.8 *
* 1920.0 *          * 5.5   282   12.7  12.8 *
* 1922.0 *          * 5.5   283   12.7  12.9 *
* 1924.0 * 39.0   67   * 5.5   283   12.7  12.9 * D *
* 1926.0 *          * 5.5   283   12.7  12.9 *
* 1928.0 * 35.2   68   * 5.5   283   12.7  12.9 * D *
* 1930.0 * 42.5   131  * 5.4   282   12.7  12.9 * D *
* 1932.0 * 42.8   127  * 5.4   283   12.6  12.9 * B *
* 1934.0 *          * 5.5   284   12.6  12.8 *
* 1936.0 *          * 5.4   282   12.6  12.9 *
* 1938.0 *          * 5.4   284   12.6  12.8 *
* 1940.0 *          * 5.5   284   12.6  12.8 *
* 1942.0 *          * 5.4   284   12.6  12.9 *
* 1944.0 *          * 5.4   285   12.6  12.9 *
* 1946.0 *          * 5.4   285   12.6  12.9 *
* 1948.0 *          * 5.4   285   12.6  12.9 *
* 1950.0 *          * 5.4   286   12.6  12.9 *
* 1952.0 *          * 5.4   285   12.7  12.9 *
* 1954.0 *          * 5.4   285   12.7  13.0 *
* 1956.0 *          * 5.3   286   12.7  13.0 *
* 1958.0 *          * 5.3   285   12.7  13.0 *
* 1960.0 *          * 5.4   286   12.7  13.0 *
* 1962.0 * 24.0   305  * 5.4   286   12.7  12.9 * B *
* 1964.0 * 31.0   153  * 5.4   286   12.6  12.9 * D *
* 1966.0 * 30.2   145  * 5.4   286   12.7  12.9 * D *
* 1968.0 * 14.5   352  * 5.4   287   12.7  12.9 * D *
* 1970.0 * 17.3   359  * 5.4   286   12.7  12.9 * D *
* 1972.0 * 14.4     3   * 5.4   286   12.6  12.9 * B *
* 1974.0 * 15.3     4   * 5.5   287   12.6  12.9 * B *
* 1976.0 *          * 5.5   287   12.7  12.9 *
* 1978.0 * 25.8   13   * 5.5   287   12.7  12.8 * D *
* 1980.0 *          * 5.5   286   12.7  12.7 *
* 1982.0 *          * 5.5   287   12.7  12.6 *
* 1984.0 *          * 5.4   288   12.7  12.6 *
* 1986.0 *          * 5.4   288   12.7  12.6 *
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*          * FORMATION *          BOREHOLE * QUAL. *
*          * ----- *          * INDEX *
* DEPTH *  DIP  DIP  * DEV.  DEV.  DIAM  DIAM * BEST *
*          *  AZI. *  AZI.  1-3  2-4 *  =A *
*****
* 1988.0          *          * 5.5  287  12.7  12.6 *
* 1990.0          *          * 5.5  286  12.5  12.6 *
* 1992.0          *          * 5.5  285  12.6  12.6 *
* 1994.0          *          * 5.5  285  12.7  12.6 *
* 1996.0          *          * 5.5  285  12.7  12.6 *
* 1998.0          *          * 5.4  285  12.6  12.6 *
* 2000.0          *          * 5.5  284  12.7  12.6 *
* 2002.0          *          * 5.5  284  12.7  12.6 *
* 2004.0          *          * 5.4  285  12.7  12.6 *
* 2006.0          *          * 5.5  284  12.6  12.6 *
* 2008.0          *          * 5.5  284  12.6  12.6 *
* 2010.0          *          * 5.6  285  12.7  12.6 *
* 2012.0          *          * 5.7  283  12.7  12.6 *
* 2014.0          *          * 5.7  283  12.8  12.7 *
* 2016.0          *          * 5.5  284  12.9  12.8 *
* 2018.0          *          * 5.5  283  13.2  13.2 *
* 2020.0          *          * 5.5  281  13.4  13.4 *
* 2022.0          *          * 5.5  283  13.1  13.0 *
* 2024.0          *          * 5.5  282  12.9  12.7 *
* 2026.0  30.5    301  * 5.5  281  12.7  12.6 * B
* 2028.0  30.3    296  * 5.6  283  12.7  12.6 * B
* 2030.0          *          * 5.6  284  12.7  12.6 *
* 2032.0          *          * 5.5  283  12.8  12.7 *
* 2034.0          *          * 5.5  282  12.8  12.7 *
* 2036.0          *          * 5.5  283  12.8  12.7 *
* 2038.0          *          * 5.5  283  12.8  12.7 *
* 2040.0          *          * 5.5  283  12.7  12.7 *
* 2042.0          *          * 5.5  284  12.7  12.6 *
* 2044.0          *          * 5.5  283  12.6  12.6 *
* 2046.0          *          * 5.6  283  12.6  12.6 *
* 2048.0          *          * 5.6  285  12.6  12.6 *
* 2050.0          *          * 5.6  284  12.6  12.6 *
* 2052.0          *          * 5.6  283  12.6  12.6 *
* 2054.0          *          * 5.6  284  12.6  12.6 *
* 2056.0          *          * 5.6  284  12.6  12.6 *
* 2058.0          *          * 5.6  284  12.6  12.6 *
* 2060.0          *          * 5.6  285  12.6  12.6 *
* 2062.0          *          * 5.6  285  12.6  12.7 *
* 2064.0          *          * 5.6  284  12.6  12.7 *
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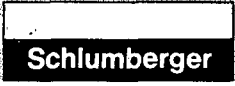
*****
*          * FORMATION *          BOREHOLE * QUAL. *
*          *-----*          *-----* * INDEX *
* DEPTH *  DIP   DIP   *  DEV.   DEV.   DIAM   DIAM * BEST. *
*          *      AZI. *      AZI.   1-3   2-4 *  =A *
*****
* 2066.0          *          * 5.7   285   12.7   12.8 *      *
* 2068.0          *          * 5.7   285   12.7   12.8 *      *
* 2070.0          *          * 5.7   285   12.7   12.7 *      *
* 2072.0          *          * 5.7   285   12.6   12.7 *      *
* 2074.0          *          * 5.7   287   12.6   12.6 *      *
* 2076.0          *          * 5.6   287   12.6   12.6 *      *
* 2078.0          *          * 5.6   287   12.6   12.6 *      *
* 2080.0          *          * 5.6   287   12.6   12.6 *      *
* 2082.0  25.3    85   * 5.6   287   12.6   12.6 *      D *
* 2084.0  25.3    87   * 5.7   288   12.6   12.6 *      D *
* 2086.0          *          * 5.7   287   12.6   12.6 *      *
* 2088.0          *          * 5.7   288   12.6   12.6 *      *
* 2090.0          *          * 5.7   287   12.6   12.6 *      *
* 2092.0          *          * 5.7   288   12.6   12.6 *      *
* 2094.0          *          * 5.6   287   12.6   12.6 *      *
* 2096.0          *          * 5.6   286   12.6   12.6 *      *
* 2098.0  22.0    86   * 5.7   287   12.6   12.7 *      D *
* 2100.0          *          * 5.7   287   12.6   12.8 *      *
* 2102.0          *          * 5.7   287   12.6   12.8 *      *
* 2104.0          *          * 5.7   288   12.6   12.8 *      *
* 2106.0          *          * 5.7   287   12.6   12.7 *      *
* 2108.0          *          * 5.7   286   12.6   12.7 *      *
* 2110.0  31.2    182  * 5.7   287   12.6   12.8 *      D *
* 2112.0          *          * 5.7   288   12.7   12.8 *      *
* 2114.0  31.1    182  * 5.7   285   12.7   12.9 *      B *
* 2116.0  30.6    183  * 5.7   286   12.7   12.8 *      B *
* 2118.0          *          * 5.7   286   12.7   12.8 *      *
* 2120.0          *          * 5.8   284   12.6   12.6 *      *
* 2122.0          *          * 5.7   285   12.7   12.8 *      *
* 2124.0          *          * 5.7   287   12.8   12.8 *      *
* 2126.0          *          * 5.7   288   12.9   12.8 *      *
* 2128.0  25.1    197  * 5.7   288   12.8   12.8 *      D *
* 2130.0  22.5    193  * 5.8   288   12.8   12.8 *      D *
* 2132.0  21.9    188  * 5.8   288   12.9   12.8 *      D *
* 2134.0  23.0    187  * 5.8   289   12.9   12.8 *      D *
* 2136.0  20.4    208  * 5.8   289   13.0   12.8 *      D *
* 2138.0  40.5    110  * 5.8   288   13.0   12.8 *      B *
* 2140.0          *          * 5.8   288   13.0   12.8 *      *
* 2142.0  45.8    356  * 5.8   289   13.0   12.7 *      D *
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* FORMATION *		* BOREHOLE *		* QUAL. *			
* ----- *		* ----- *		* INDEX *			
* DEPTH *	* DIP *	* DIP *	* DEV. *	* DEV. *	* DIAM *	* DIAM *	* BEST *
	* AZI. *		* AZI. *		1-3	2-4	* =A *
* 2144.0	65.3	247	5.7	288	12.9	12.7	D
* 2146.0			5.8	288	12.9	12.8	
* 2148.0	46.2	354	5.9	288	13.0	12.8	D
* 2150.0	46.0	354	5.8	288	13.0	12.8	B
* 2152.0			5.8	289	13.1	12.8	
* 2154.0			5.8	288	13.3	12.8	
* 2156.0			5.8	286	13.3	12.8	
* 2158.0			5.9	287	13.3	12.8	
* 2160.0			5.9	287	13.2	12.8	
* 2162.0	39.5	356	5.9	286	13.2	12.8	D
* 2164.0	39.5	357	5.8	286	13.3	12.9	D
* 2166.0	41.4	1	5.8	285	13.3	12.9	D
* 2168.0	31.2	2	5.8	286	13.4	12.9	D
* 2170.0	55.8	290	5.8	287	13.3	12.9	D
* 2172.0	41.1	5	5.8	286	13.3	12.9	D
* 2174.0	57.2	291	5.9	286	13.3	12.9	D
* 2176.0			5.9	287	13.2	12.9	
* 2178.0	37.2	360	5.9	287	13.3	13.0	D
* 2180.0			5.9	287	13.3	13.0	
* 2182.0			5.9	288	13.3	13.1	
* 2184.0			5.9	287	13.4	13.0	
* 2186.0			5.8	287	13.3	12.9	
* 2188.0			5.8	287	13.4	12.9	
* 2190.0			5.8	285	13.3	12.9	
* 2192.0			5.8	285	13.2	13.0	
* 2194.0			5.7	288	13.4	13.3	
* 2196.0	30.7	161	5.6	287	13.5	13.3	D
* 2198.0			5.7	286	13.5	13.4	
* 2200.0	29.1	152	5.7	286	13.6	13.6	D
* 2202.0			5.7	286	13.6	13.5	
* 2204.0			5.8	286	13.3	13.2	
* 2206.0			5.8	286	13.2	13.1	
* 2208.0			5.8	285	13.2	13.0	
* 2210.0			5.8	285	13.3	13.0	
* 2212.0			5.9	286	13.2	13.0	
* 2214.0			5.9	285	13.1	13.0	
* 2216.0			5.9	285	13.1	13.0	
* 2218.0			5.9	285	13.2	12.9	
* 2220.0			5.9	285	13.2	12.9	

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*          * FORMATION *          * BOREHOLE *          * QUAL., *
*          *-----*          *-----*          * INDEX *
* DEPTH *  * DIP  *  * DIP  *  * DEV.  *  * DEV.  *  * DIAM  *  * DIAM *  * BEST *
*          *          *  * AZI. *  *          *  * AZI.  *  * 1-3  *  * 2-4  *  * =A  *
*****
* 2222.0 *          *          *          * 5.9  *  * 287  *  * 13.0 *  * 12.9 *  *      *
* 2224.0 *          *          *          * 5.9  *  * 286  *  * 12.9 *  * 12.9 *  *      *
* 2226.0 *          *          *          * 5.8  *  * 285  *  * 13.0 *  * 13.0 *  *      *
* 2228.0 *          *          *          * 5.8  *  * 285  *  * 13.2 *  * 13.0 *  *      *
* 2230.0 *          *          *          * 5.8  *  * 285  *  * 13.2 *  * 12.9 *  *      *
* 2232.0 *          *          *          * 5.8  *  * 285  *  * 13.0 *  * 12.9 *  *      *
* 2234.0 *          *          *          * 5.8  *  * 284  *  * 13.0 *  * 12.8 *  *      *
* 2236.0 *          *          *          * 5.8  *  * 284  *  * 12.9 *  * 12.8 *  *      *
* 2238.0 *          *          *          * 5.9  *  * 285  *  * 12.9 *  * 12.9 *  *      *
* 2240.0 *          *          *          * 5.9  *  * 286  *  * 12.9 *  * 12.9 *  *      *
* 2242.0 *          *          *          * 5.9  *  * 281  *  * 12.9 *  * 12.9 *  *      *
* 2244.0 *          *          *          * 5.9  *  * 280  *  * 12.9 *  * 12.9 *  *      *
* 2246.0 *          *          *          * 6.0  *  * 280  *  * 12.9 *  * 12.9 *  *      *
* 2248.0 *          *          *          * 6.0  *  * 280  *  * 13.1 *  * 13.0 *  *      *
* 2250.0 * 24.7 * 232 *          * 6.0  *  * 281  *  * 13.2 *  * 13.0 *  * B      *
* 2252.0 *          *          *          * 6.0  *  * 281  *  * 13.0 *  * 12.9 *  *      *
* 2254.0 *          *          *          * 6.1  *  * 280  *  * 12.9 *  * 12.9 *  *      *
* 2256.0 *          *          *          * 6.0  *  * 282  *  * 13.0 *  * 12.9 *  *      *
* 2258.0 *          *          *          * 5.9  *  * 282  *  * 12.9 *  * 12.9 *  *      *
* 2260.0 *          *          *          * 5.8  *  * 282  *  * 12.9 *  * 12.8 *  *      *
* 2262.0 *          *          *          * 5.8  *  * 282  *  * 12.9 *  * 12.8 *  *      *
* 2264.0 *          *          *          * 5.8  *  * 284  *  * 12.9 *  * 12.7 *  *      *
* 2266.0 *          *          *          * 5.9  *  * 284  *  * 12.9 *  * 12.8 *  *      *
* 2268.0 *          *          *          * 5.9  *  * 282  *  * 13.0 *  * 12.8 *  *      *
* 2270.0 *          *          *          * 5.9  *  * 281  *  * 13.1 *  * 12.8 *  *      *
* 2272.0 *          *          *          * 6.0  *  * 281  *  * 13.1 *  * 12.8 *  *      *
* 2274.0 *          *          *          * 6.0  *  * 281  *  * 13.0 *  * 12.8 *  *      *
* 2276.0 *          *          *          * 6.1  *  * 281  *  * 13.0 *  * 12.8 *  *      *
* 2278.0 *          *          *          * 6.1  *  * 281  *  * 13.0 *  * 12.7 *  *      *
* 2280.0 *          *          *          * 6.0  *  * 281  *  * 13.2 *  * 12.7 *  *      *
* 2282.0 *          *          *          * 6.0  *  * 280  *  * 13.3 *  * 12.7 *  *      *
* 2284.0 * 48.9 * 100 *          * 6.1  *  * 280  *  * 13.3 *  * 12.7 *  * D      *
* 2286.0 * 47.9 * 99  *          * 6.3  *  * 279  *  * 13.1 *  * 12.7 *  * D      *
* 2288.0 *          *          *          * 6.3  *  * 279  *  * 13.0 *  * 12.7 *  *      *
* 2290.0 *          *          *          * 6.1  *  * 279  *  * 13.0 *  * 12.7 *  *      *
* 2292.0 *          *          *          * 5.9  *  * 279  *  * 13.1 *  * 12.7 *  *      *
* 2294.0 * 15.8 * 62  *          * 5.9  *  * 280  *  * 13.0 *  * 12.7 *  * D      *
* 2296.0 * 19.0 * 61  *          * 6.0  *  * 279  *  * 13.0 *  * 12.7 *  * D      *
* 2298.0 * 18.4 * 60  *          * 6.0  *  * 278  *  * 13.0 *  * 12.6 *  * D      *
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*          *      FORMATION          *      BOREHOLE          *      QUAL., *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP   *   DIP   *   DEV.   *   DEV.   *   DIAM   *   DIAM   *   BEST   *
*          *          *   AZI.   *          *   AZI.   *   1-3   *   2-4   *   EA     *
*****
* 2300.0          *          *          * 6.0     * 278     * 13.0    * 12.7    *          *
* 2302.0  28.9   * 187     * 6.0     * 278     * 13.1    * 12.7    * D        *
* 2304.0  27.4   * 190     * 6.0     * 278     * 13.1    * 12.7    * D        *
* 2306.0  26.9   * 189     * 6.0     * 278     * 13.0    * 12.7    * D        *
* 2308.0          *          *          * 6.0     * 278     * 13.0    * 12.7    *          *
* 2310.0          *          *          * 6.1     * 280     * 13.1    * 12.6    *          *
* 2312.0          *          *          * 6.1     * 278     * 13.1    * 12.6    *          *
* 2314.0  36.6   * 312     * 6.1     * 278     * 13.3    * 12.7    * D        *
* 2316.0  36.1   * 310     * 6.2     * 280     * 13.2    * 12.8    * D        *
* 2318.0          *          *          * 6.2     * 281     * 13.0    * 12.7    *          *
* 2320.0          *          *          * 6.1     * 280     * 12.9    * 12.7    *          *
* 2322.0  22.8   * 323     * 6.1     * 281     * 13.0    * 12.7    * D        *
* 2324.0  20.8   * 336     * 6.2     * 281     * 13.0    * 12.7    * D        *
* 2326.0  19.3   * 343     * 6.2     * 280     * 13.0    * 12.7    * D        *
* 2328.0          *          *          * 6.3     * 281     * 13.0    * 12.8    *          *
* 2330.0          *          *          * 6.4     * 280     * 13.0    * 12.8    *          *
* 2332.0  25.7   * 341     * 6.3     * 279     * 13.0    * 12.9    * D        *
* 2334.0  24.7   * 342     * 6.2     * 280     * 13.1    * 12.9    * D        *
* 2336.0  28.1   * 330     * 6.2     * 279     * 13.1    * 12.9    * D        *
* 2338.0  27.8   * 330     * 6.2     * 278     * 13.0    * 12.9    * D        *
* 2340.0          *          *          * 6.1     * 278     * 13.0    * 12.9    *          *
* 2342.0          *          *          * 6.1     * 278     * 13.0    * 12.9    *          *
* 2344.0          *          *          * 6.2     * 279     * 13.0    * 12.9    *          *
* 2346.0  52.6   * 177     * 6.1     * 278     * 13.0    * 12.9    * D        *
* 2348.0  47.5   * 176     * 6.1     * 279     * 13.0    * 12.9    * D        *
* 2350.0          *          *          * 6.2     * 280     * 12.9    * 13.0    *          *
* 2352.0          *          *          * 6.1     * 280     * 12.9    * 13.0    *          *
* 2354.0          *          *          * 6.2     * 279     * 12.9    * 13.1    *          *
* 2356.0          *          *          * 6.2     * 278     * 12.9    * 13.1    *          *
* 2358.0  47.5   * 183     * 6.2     * 277     * 12.9    * 13.1    * D        *
* 2360.0          *          *          * 6.1     * 278     * 12.9    * 13.0    *          *
* 2362.0          *          *          * 6.2     * 278     * 12.9    * 13.0    *          *
* 2364.0          *          *          * 6.2     * 278     * 12.9    * 12.9    *          *
* 2366.0          *          *          * 6.2     * 277     * 12.9    * 12.9    *          *
* 2368.0          *          *          * 6.2     * 277     * 12.9    * 12.9    *          *
* 2370.0          *          *          * 6.2     * 278     * 12.9    * 12.9    *          *
* 2372.0          *          *          * 6.3     * 278     * 12.9    * 12.8    *          *
* 2374.0          *          *          * 6.3     * 276     * 13.0    * 12.8    *          *
* 2376.0          *          *          * 6.3     * 277     * 13.0    * 12.8    *          *
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*****
*          * FORMATION          *          * BOREHOLE          * QUAL., *
*          * -----          *          * -----          * INDEX *
* DEPTH  * DIP    DIP    * DEV.  DEV.  DIAM    DIAM  * BEST  *
*        *        AZI.  *        AZI.  1-3    2-4  * =A    *
*****
* 2378.0          *          * 6.4   278   12.9   12.9          *          *
* 2380.0   71.6   84    * 6.6   278   12.9   12.8          * D      *
* 2382.0          *          * 6.6   279   12.9   12.9          *          *
* 2384.0          *          * 6.5   278   12.9   12.9          *          *
* 2386.0   64.2   304   * 6.4   278   12.9   12.9          * D      *
* 2388.0   63.3   304   * 6.3   279   12.8   13.0          * D      *
* 2390.0          *          * 6.3   280   12.7   13.0          *          *
* 2392.0          *          * 6.3   280   12.7   12.9          *          *
* 2394.0          *          * 6.3   278   12.7   12.9          *          *
* 2396.0          *          * 6.3   279   12.8   12.9          *          *
* 2398.0          *          * 6.3   279   12.8   12.9          *          *
* 2400.0          *          * 6.3   279   12.7   12.9          *          *
* 2402.0          *          * 6.3   279   12.6   12.9          *          *
* 2404.0          *          * 6.3   279   12.6   12.9          *          *
* 2406.0          *          * 6.3   279   12.6   12.9          *          *
* 2408.0          *          * 6.4   279   12.7   12.9          *          *
* 2410.0          *          * 6.4   278   12.7   12.9          *          *
* 2412.0          *          * 6.4   279   12.7   12.9          *          *
* 2414.0          *          * 6.4   279   12.6   12.9          *          *
* 2416.0          *          * 6.4   279   12.6   12.9          *          *
* 2418.0          *          * 6.4   278   12.6   12.9          *          *
* 2420.0          *          * 6.5   278   12.6   12.9          *          *
* 2422.0          *          * 6.5   278   12.6   12.9          *          *
* 2424.0          *          * 6.6   277   12.6   12.9          *          *
* 2426.0          *          * 6.6   277   12.6   12.9          *          *
* 2428.0   54.8   258   * 6.6   277   12.8   12.9          * B      *
* 2430.0   56.0   261   * 6.5   278   12.9   13.1          * B      *
* 2432.0   54.6   258   * 6.5   279   12.8   13.2          * D      *
* 2434.0          *          * 6.5   279   12.7   13.2          *          *
* 2436.0   70.4   257   * 6.5   280   12.6   13.1          * D      *
* 2438.0          *          * 6.5   279   12.7   13.0          *          *
* 2440.0          *          * 6.5   277   12.8   12.9          *          *
* 2442.0          *          * 6.6   278   12.8   12.9          *          *
* 2444.0          *          * 6.5   279   12.7   12.9          *          *
* 2446.0          *          * 6.5   278   12.6   12.9          *          *
* 2448.0          *          * 6.5   277   12.6   12.9          *          *
* 2450.0          *          * 6.6   276   12.6   12.9          *          *
* 2452.0          *          * 6.6   276   12.6   12.9          *          *
* 2454.0          *          * 6.7   277   12.6   12.9          *          *
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*          *   FORMATION          *           BOREHOLE           * QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----* INDEX *
* DEPTH *   DIP   DIP   * DEV.   DEV.   DIAM   DIAM * BEST *
*          *     *     *     *     *     1-3   2-4 * =A *
*****
* 2456.0  72.5   15    6.7   279    12.6   12.9   D *
* 2458.0          6.7   277    12.7   13.0   *
* 2460.0          6.7   276    12.8   13.0   *
* 2462.0          6.7   278    12.7   13.0   *
* 2464.0          6.9   277    12.7   12.9   *
* 2466.0          6.9   277    12.6   13.0   *
* 2468.0          6.7   276    12.6   13.0   *
* 2470.0          6.6   277    12.6   12.9   *
* 2472.0          6.5   278    12.7   13.0   *
* 2474.0          6.5   278    12.7   13.0   *
* 2476.0          6.5   278    12.6   13.0   *
* 2478.0          6.5   277    12.6   13.0   *
* 2480.0          6.5   277    12.6   13.0   *
* 2482.0          6.6   278    12.6   13.1   *
* 2484.0          6.6   278    12.6   13.1   *
* 2486.0          6.6   278    12.6   13.2   *
* 2488.0          6.6   279    12.6   13.1   *
* 2490.0          6.5   278    12.6   13.2   *
* 2492.0          6.5   278    12.7   13.2   *
* 2494.0          6.5   279    12.7   13.1   *
* 2496.0          6.5   279    12.7   13.0   *
* 2498.0          6.5   279    12.6   13.0   *
* 2500.0          6.5   279    12.7   12.9   *
* 2502.0          6.6   278    12.7   12.9   *
* 2504.0          6.5   277    12.7   13.1   *
* 2506.0          6.6   278    12.7   13.2   *
* 2508.0          6.6   278    12.7   13.0   *
* 2510.0          6.6   280    12.7   13.0   *
* 2512.0          6.6   279    12.7   12.9   *
* 2514.0          6.6   277    12.7   12.9   *
* 2516.0          6.6   279    12.7   12.9   *
* 2518.0          6.6   279    12.6   12.9   *
* 2520.0          6.6   278    12.6   12.9   *
* 2522.0  50.7   109    6.6   279    12.6   12.9   D *
* 2524.0  45.3   102    6.6   279    12.6   12.9   D *
* 2526.0          6.6   279    12.6   12.9   *
* 2528.0  51.2   100    6.6   280    12.6   12.9   D *
* 2530.0  52.6   102    6.6   281    12.6   12.9   B *
* 2532.0          6.6   280    12.6   12.9   *
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*****
*          *      FORMATION          *          BOREHOLE          *      QUAL.  *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP   *   DIP   *   DEV.  *   DEV.  *   DIAM   *   DIAM   *   BEST   *
*          *          *   AZI.  *          *   AZI.  *   1-3   *   2-4   *   =A     *
*****
* 2534.0          *          *          * 6.6    * 279    * 12.6    * 12.9    *          *
* 2536.0          *          *          * 6.6    * 279    * 12.6    * 13.0    *          *
* 2538.0          *          *          * 6.6    * 280    * 12.6    * 13.0    *          *
* 2540.0          *          *          * 6.6    * 279    * 12.6    * 12.9    *          *
* 2542.0          *          *          * 6.6    * 280    * 12.6    * 13.0    *          *
* 2544.0          *          *          * 6.6    * 280    * 12.6    * 13.0    *          *
* 2546.0          *          *          * 6.6    * 280    * 12.6    * 13.1    *          *
* 2548.0          *          *          * 6.6    * 281    * 12.6    * 13.1    *          *
* 2550.0          *          *          * 6.6    * 280    * 12.6    * 13.0    *          *
* 2552.0          *          *          * 6.6    * 280    * 12.6    * 13.1    *          *
* 2554.0          *          *          * 6.6    * 279    * 12.7    * 13.2    *          *
* 2556.0          *          *          * 6.7    * 278    * 12.7    * 13.2    *          *
* 2558.0          *          *          * 6.7    * 278    * 12.7    * 13.0    *          *
* 2560.0          *          *          * 6.8    * 278    * 12.6    * 12.9    *          *
* 2562.0          *          *          * 6.8    * 277    * 12.6    * 12.9    *          *
* 2564.0   13.2    * 305    * 6.9    * 278    * 12.6    * 13.0    *          *
* 2566.0   12.0    * 301    * 6.9    * 278    * 12.6    * 13.1    *          *
* 2568.0          *          *          * 6.8    * 278    * 12.6    * 13.1    *          *
* 2570.0          *          *          * 6.7    * 278    * 12.6    * 13.0    *          *
* 2572.0          *          *          * 6.7    * 278    * 12.6    * 12.9    *          *
* 2574.0   52.8    * 252    * 6.8    * 277    * 12.6    * 13.0    *          *
* 2576.0   15.8    * 304    * 6.7    * 276    * 12.7    * 13.0    *          *
* 2578.0          *          *          * 6.7    * 276    * 12.7    * 13.0    *          *
* 2580.0          *          *          * 6.7    * 276    * 12.6    * 13.0    *          *
* 2582.0          *          *          * 6.7    * 277    * 12.7    * 13.0    *          *
* 2584.0          *          *          * 6.7    * 275    * 12.7    * 13.1    *          *
* 2586.0   36.4    * 47     * 6.7    * 275    * 12.6    * 13.1    *          *
* 2588.0          *          *          * 6.7    * 277    * 12.6    * 13.1    *          *
* 2590.0          *          *          * 6.7    * 276    * 12.6    * 13.2    *          *
* 2592.0          *          *          * 6.6    * 275    * 12.6    * 13.1    *          *
* 2594.0          *          *          * 6.6    * 277    * 12.6    * 13.1    *          *
* 2596.0          *          *          * 6.6    * 277    * 12.6    * 13.1    *          *
* 2598.0          *          *          * 6.6    * 276    * 12.6    * 13.2    *          *
* 2600.0          *          *          * 6.7    * 276    * 12.6    * 13.2    *          *
* 2602.0          *          *          * 6.6    * 277    * 12.6    * 13.2    *          *
* 2604.0          *          *          * 6.6    * 278    * 12.6    * 13.2    *          *
* 2606.0          *          *          * 6.7    * 278    * 12.6    * 13.3    *          *
* 2608.0          *          *          * 6.7    * 278    * 12.6    * 13.4    *          *
* 2610.0   39.1    * 80     * 6.7    * 276    * 12.6    * 13.4    *          *
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*****
*          * FORMATION *          * BOREHOLE * QUAL., *
*          *-----*          *-----* INDEX *
* DEPTH *  * DIP   *  * DIP   *  * DEV. *  * DEV. *  * DIAM *  * DIAM *  * BEST *
*          *          *  * AZI. *  * AZI. *  * 1-3 *  * 2-4 *  * =A *
*****
* 2612.0 * 37.1 * 82 * 6.7 * 276 * 12.6 * 13.3 * D *
* 2614.0 * 17.5 * 355 * 6.6 * 276 * 12.6 * 13.4 * D *
* 2616.0 * 15.9 * 3 * 6.6 * 276 * 12.6 * 13.5 * D *
* 2618.0 * 24.2 * 36 * 6.7 * 278 * 12.6 * 13.5 * D *
* 2620.0 * 24.6 * 36 * 6.7 * 278 * 12.6 * 13.4 * D *
* 2622.0 * 40.2 * 132 * 6.7 * 278 * 12.6 * 13.4 * D *
* 2624.0 * * * * 6.7 * 278 * 12.6 * 13.5 * *
* 2626.0 * * * * 6.7 * 278 * 12.6 * 13.5 * *
* 2628.0 * 58.8 * 190 * 6.7 * 277 * 12.6 * 13.5 * D *
* 2630.0 * * * * 6.7 * 277 * 12.6 * 13.5 * *
* 2632.0 * 19.4 * 121 * 6.7 * 278 * 12.6 * 13.5 * B *
* 2634.0 * * * * 6.7 * 278 * 12.6 * 13.4 * *
* 2636.0 * 56.4 * 197 * 6.7 * 279 * 12.6 * 13.4 * D *
* 2638.0 * 38.5 * 144 * 6.7 * 279 * 12.6 * 13.3 * B *
* 2640.0 * 59.7 * 192 * 6.7 * 278 * 12.6 * 13.3 * D *
* 2642.0 * * * * 6.6 * 278 * 12.6 * 13.3 * *
* 2644.0 * * * * 6.6 * 278 * 12.6 * 13.3 * *
* 2646.0 * * * * 6.6 * 278 * 12.6 * 13.3 * *
* 2648.0 * * * * 6.6 * 278 * 12.6 * 13.3 * *
* 2650.0 * * * * 6.6 * 277 * 12.6 * 13.4 * *
* 2652.0 * * * * 6.6 * 278 * 12.6 * 13.4 * *
* 2654.0 * * * * 6.6 * 278 * 12.6 * 13.3 * *
* 2656.0 * 58.7 * 360 * 6.6 * 278 * 12.6 * 13.3 * D *
* 2658.0 * 58.8 * 360 * 6.6 * 277 * 12.6 * 13.2 * D *
* 2660.0 * * * * 6.7 * 277 * 12.6 * 13.2 * *
* 2662.0 * * * * 6.7 * 277 * 12.6 * 13.3 * *
* 2664.0 * * * * 6.7 * 277 * 12.6 * 13.3 * *
* 2666.0 * * * * 6.7 * 278 * 12.6 * 13.3 * *
* 2668.0 * * * * 6.7 * 278 * 12.6 * 13.3 * *
* 2670.0 * * * * 6.6 * 279 * 12.6 * 13.3 * *
* 2672.0 * * * * 6.6 * 279 * 12.6 * 13.3 * *
* 2674.0 * * * * 6.7 * 279 * 12.6 * 13.2 * *
* 2676.0 * * * * 6.7 * 279 * 12.6 * 13.3 * *
* 2678.0 * * * * 6.6 * 279 * 12.6 * 13.3 * *
* 2680.0 * * * * 6.7 * 278 * 12.6 * 13.3 * *
* 2682.0 * 39.9 * 105 * 6.7 * 278 * 12.6 * 13.3 * D *
* 2684.0 * 39.6 * 108 * 6.7 * 278 * 12.6 * 13.2 * D *
* 2686.0 * * * * 6.7 * 278 * 12.6 * 13.2 * *
* 2688.0 * * * * 6.7 * 279 * 12.6 * 13.3 * *
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*          *      FORMATION          *      BOREHOLE          *      QUAL.          *
*          *-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP   *   DIP   *   DEV.   *   DEV.   *   DIAM.   *   DIAM   *   BEST   *
*         *         *   AZI.  *         *   AZI.   *   1-3    *   2-4    *   =A     *
*****
* 2690.0          *         *         * 6.6     * 279     * 12.6     * 13.3     *         *
* 2692.0          *         *         * 6.6     * 280     * 12.6     * 13.4     *         *
* 2694.0          *         *         * 6.6     * 279     * 12.6     * 13.5     *         *
* 2696.0          *         *         * 6.6     * 278     * 12.6     * 13.5     *         *
* 2698.0   37.6   * 105     *         * 6.6     * 279     * 12.6     * 13.4     * D       *
* 2700.0          *         *         * 6.6     * 279     * 12.6     * 13.4     *         *
* 2702.0          *         *         * 6.6     * 280     * 12.6     * 13.5     *         *
* 2704.0          *         *         * 6.6     * 279     * 12.6     * 13.4     *         *
* 2706.0          *         *         * 6.6     * 280     * 12.6     * 13.3     *         *
* 2708.0          *         *         * 6.6     * 281     * 12.6     * 13.4     *         *
* 2710.0          *         *         * 6.6     * 282     * 12.6     * 13.3     *         *
* 2712.0          *         *         * 6.6     * 283     * 12.6     * 13.3     *         *
* 2714.0          *         *         * 6.5     * 282     * 12.6     * 13.3     *         *
* 2716.0          *         *         * 6.6     * 282     * 12.6     * 13.2     *         *
* 2718.0          *         *         * 6.6     * 282     * 12.6     * 13.2     *         *
* 2720.0          *         *         * 6.6     * 282     * 12.6     * 13.3     *         *
* 2722.0          *         *         * 6.5     * 281     * 12.6     * 13.3     *         *
* 2724.0          *         *         * 6.5     * 281     * 12.6     * 13.3     *         *
* 2726.0   58.2   * 115     *         * 6.5     * 281     * 12.6     * 13.2     * D       *
* 2728.0   57.1   * 116     *         * 6.5     * 280     * 12.6     * 13.2     * D       *
* 2730.0          *         *         * 6.6     * 280     * 12.7     * 13.2     *         *
* 2732.0          *         *         * 6.6     * 280     * 12.7     * 13.2     *         *
* 2734.0          *         *         * 6.6     * 279     * 12.6     * 13.2     *         *
* 2736.0          *         *         * 6.6     * 279     * 12.6     * 13.2     *         *
* 2738.0          *         *         * 6.6     * 280     * 12.7     * 13.2     *         *
* 2740.0          *         *         * 6.7     * 281     * 12.7     * 13.2     *         *
* 2742.0          *         *         * 6.7     * 282     * 12.7     * 13.2     *         *
* 2744.0          *         *         * 6.6     * 281     * 12.6     * 13.2     *         *
* 2746.0          *         *         * 6.6     * 281     * 12.6     * 13.2     *         *
* 2748.0          *         *         * 6.6     * 280     * 12.6     * 13.2     *         *
* 2750.0          *         *         * 6.6     * 279     * 12.7     * 13.2     *         *
* 2752.0          *         *         * 6.6     * 279     * 12.7     * 13.2     *         *
* 2754.0          *         *         * 6.6     * 280     * 12.6     * 13.3     *         *
* 2756.0          *         *         * 6.5     * 282     * 12.6     * 13.4     *         *
* 2758.0          *         *         * 6.5     * 280     * 12.6     * 13.4     *         *
* 2760.0          *         *         * 6.5     * 281     * 12.7     * 13.4     *         *
* 2762.0          *         *         * 6.6     * 278     * 12.7     * 13.4     *         *
* 2764.0          *         *         * 6.6     * 277     * 12.7     * 13.5     *         *
* 2766.0          *         *         * 6.6     * 280     * 12.7     * 13.5     *         *
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*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*          *-----*          * INDEX *
* DEPTH *  * DIP  *  * DIP  *  * DEV.  *  * DEV.  *  * DIAM  *  * DIAM  *  * BEST *
*          *          *  * AZI. *  *          *  * AZI.  *  * 1-3   *  * 2-4   *  * =A   *
*****
* 2768.0 *          *          *          * 6.6   * 279   * 12.7  * 13.5  *          *
* 2770.0 *          *          *          * 6.7   * 281   * 12.7  * 13.5  *          *
* 2772.0 *          *          *          * 6.7   * 281   * 12.7  * 13.7  *          *
* 2774.0 *          *          *          * 6.6   * 279   * 12.6  * 13.7  *          *
* 2776.0 *          *          *          * 6.6   * 280   * 12.6  * 13.7  *          *
* 2778.0 *          *          *          * 6.6   * 281   * 12.6  * 13.7  *          *
* 2780.0 * 30.8   * 4     *          * 6.6   * 282   * 12.6  * 13.8  * B       *
* 2782.0 * 32.1   * 4     *          * 6.6   * 281   * 12.6  * 13.8  * A       *
* 2784.0 * 33.2   * 7     *          * 6.6   * 280   * 12.6  * 13.8  * C       *
* 2786.0 * 30.7   * 18    *          * 6.6   * 279   * 12.6  * 14.0  * C       *
* 2788.0 * 33.5   * 14    *          * 6.6   * 279   * 12.5  * 14.1  * A       *
* 2790.0 * 31.0   * 24    *          * 6.7   * 280   * 12.6  * 14.0  * C       *
* 2792.0 * 31.3   * 24    *          * 6.6   * 280   * 12.6  * 14.0  * C       *
* 2794.0 * 30.6   * 18    *          * 6.7   * 279   * 12.5  * 14.1  * C       *
* 2796.0 * 33.6   * 15    *          * 6.7   * 278   * 12.6  * 14.1  * A       *
* 2798.0 * 36.3   * 28    *          * 6.7   * 278   * 12.6  * 14.1  * C       *
* 2800.0 * 29.5   * 19    *          * 6.7   * 278   * 12.5  * 14.1  * C       *
* 2802.0 * 30.7   * 32    *          * 6.7   * 279   * 12.5  * 14.2  * C       *
* 2804.0 * 29.7   * 17    *          * 6.7   * 278   * 12.6  * 14.3  * A       *
* 2806.0 * 29.8   * 17    *          * 6.7   * 278   * 12.5  * 14.4  * A       *
* 2808.0 * 30.2   * 16    *          * 6.7   * 277   * 12.4  * 14.4  * C       *
* 2810.0 * 30.3   * 21    *          * 6.7   * 277   * 12.5  * 14.4  * A       *
* 2812.0 * 29.7   * 17    *          * 6.7   * 278   * 12.5  * 14.4  * A       *
* 2814.0 * 30.6   * 15    *          * 6.8   * 276   * 12.5  * 14.3  * A       *
* 2816.0 * 32.5   * 22    *          * 6.8   * 275   * 12.5  * 14.5  * A       *
* 2818.0 * 32.8   * 24    *          * 6.8   * 274   * 12.4  * 14.6  * C       *
* 2820.0 * 29.1   * 23    *          * 6.8   * 275   * 12.4  * 14.7  * A       *
* 2822.0 * 29.0   * 19    *          * 6.8   * 275   * 12.5  * 14.6  * A       *
* 2824.0 * 30.3   * 17    *          * 6.8   * 275   * 12.5  * 14.6  * A       *
* 2826.0 * 30.0   * 6     *          * 6.8   * 276   * 12.5  * 14.6  * A       *
* 2828.0 * 31.1   * 12    *          * 6.8   * 273   * 12.5  * 14.5  * A       *
* 2830.0 * 30.1   * 18    *          * 6.8   * 273   * 12.5  * 14.5  * A       *
* 2832.0 * 30.6   * 17    *          * 6.8   * 273   * 12.5  * 14.4  * A       *
* 2834.0 *          *          *          * 6.8   * 274   * 12.6  * 14.4  *          *
* 2836.0 * 27.3   * 21    *          * 6.8   * 275   * 12.5  * 14.4  * C       *
* 2838.0 *          *          *          * 6.8   * 274   * 12.5  * 14.3  *          *
* 2840.0 * 26.7   * 21    *          * 6.8   * 274   * 12.5  * 14.3  * A       *
* 2842.0 * 27.6   * 18    *          * 6.8   * 273   * 12.5  * 14.3  * A       *
* 2844.0 * 29.5   * 13    *          * 6.8   * 273   * 12.5  * 14.3  * A       *
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FORMATION	DIP	DEV.	DIP	DEV.	DIP	DEV.	INDEX	QUAL.
2846.0	30.7	20	6.8	272	12.5	14.4	A	*
2848.0	30.5	21	6.8	273	12.6	14.5	A	*
2850.0	29.8	1	6.8	271	12.6	14.6	G	*
2852.0	27.0	37	6.8	269	12.6	14.5	C	*
2854.0	27.4	37	6.8	270	12.6	14.3	G	*
2856.0			6.8	269	12.6	14.3		*
2858.0			6.8	270	12.6	14.3		*
2860.0			6.8	270	12.6	14.3		*
2862.0			6.8	271	12.6	14.3		*
2864.0			6.8	271	12.6	14.3		*
2866.0			6.8	270	12.6	14.3		*
2868.0			6.8	270	12.6	14.4		*
2870.0			6.8	270	12.6	14.5		*
2872.0	48.9	315	6.8	269	12.6	14.6	D	*
2874.0	49.1	314	6.8	269	12.7	14.8	D	*
2876.0			6.8	269	12.6	15.0		*
2878.0			6.8	267	12.6	15.2		*
2880.0			6.8	267	12.6	15.2		*
2882.0			6.8	266	12.6	15.2		*
2884.0			6.8	267	12.4	15.2		*
2886.0			6.8	268	12.5	15.1		*
2888.0			6.8	267	12.6	14.8		*
2890.0			6.9	268	12.6	14.6		*
2892.0			6.9	267	12.6	14.4		*
2894.0			6.9	268	12.6	14.4		*
2896.0			6.9	267	12.6	14.3		*
2898.0			6.9	267	12.6	14.4		*
2900.0			6.8	268	12.6	14.3		*
2902.0	31.5	358	6.8	268	12.6	14.1	A	*
2904.0	29.4	360	6.8	268	12.6	14.1	A	*
2906.0	28.6	360	6.8	265	12.6	14.2	A	*
2908.0	28.3	357	6.8	263	12.6	14.3	A	*
2910.0	30.8	360	6.8	263	12.6	14.3	A	*
2912.0	28.0	360	6.8	264	12.6	14.3	A	*
2914.0	27.2	3	6.8	265	12.6	14.3	A	*
2916.0	35.8	7	6.8	260	12.6	14.2	C	*
2918.0	37.0	7	6.8	262	12.6	14.1	C	*
2920.0	34.0	4	6.8	264	12.6	14.0	A	*
2922.0	32.6	8	6.8	263	12.6	14.0	C	*

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BOREHOLE

FORMATION

DIP

DEV.

DIP

DEV.

DIP

DEV.

INDEX

QUAL.

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*****										
* FORMATION * BOREHOLE * QUAL., *										
* INDEX *										
* DEPTH *	* DIP *	DIP	* DEV. *	DEV.	DIAM	DIAM	* BEST *			
*****										
* * * * *	* * * * *	AZI.	* * * * *	AZI.	1-3	2-4	* =A *			
*****										
* 2924.0	32.8	7	6.8	264	12.6	14.0	C			
* 2926.0			6.8	263	12.6	13.9				
* 2928.0	31.1	360	6.8	264	12.6	13.8	C			
* 2930.0	31.9	4	6.8	263	12.6	13.9	A			
* 2932.0	29.8	1	6.8	261	12.6	13.9	A			
* 2934.0	31.6	4	6.8	263	12.6	13.9	A			
* 2936.0	30.2	7	6.9	264	12.6	13.9	A			
* 2938.0	29.0	6	6.8	263	12.6	13.9	A			
* 2940.0	30.8	4	6.8	264	12.6	13.9	A			
* 2942.0	28.6	6	6.9	263	12.6	14.0	A			
* 2944.0	29.4	4	6.9	260	12.6	13.9	A			
* 2946.0	34.7	3	6.8	261	12.6	13.8	C			
* 2948.0	32.7	3	6.8	262	12.6	13.8	A			
* 2950.0	35.0	5	6.8	258	12.7	13.9	C			
* 2952.0	32.7	5	6.8	259	12.6	13.9	C			
* 2954.0	28.5	4	6.8	261	12.6	13.9	A			
* 2956.0	27.8	4	6.8	259	12.6	13.8	A			
* 2958.0	32.3	7	6.8	259	12.6	13.7	A			
* 2960.0	36.5	360	6.8	259	12.6	13.7	C			
* 2962.0	29.0	3	6.8	257	12.6	13.8	C			
* 2964.0	32.8	2	6.8	258	12.6	13.9	C			
* 2966.0	28.5	3	6.8	260	12.6	13.9	A			
* 2968.0	30.3	9	6.8	259	12.5	13.8	A			
* 2970.0	29.8	11	6.8	259	12.6	13.8	A			
* 2972.0	29.5	6	6.8	257	12.6	13.8	A			
* 2974.0	30.2	4	6.8	256	12.6	13.7	A			
* 2976.0	30.5	9	6.8	258	12.6	13.6	A			
* 2978.0	30.1	7	6.8	258	12.6	13.6	A			
* 2980.0	29.5	5	6.8	256	12.6	13.8	A			
* 2982.0			6.8	257	12.6	13.9				
* 2984.0	32.2	6	6.8	255	12.6	13.9	A			
* 2986.0	32.1	9	6.8	256	12.6	13.8	A			
* 2988.0	29.3	13	6.8	259	12.6	13.8	A			
* 2990.0	34.5	4	6.8	257	12.6	13.8	A			
* 2992.0	33.9	5	6.8	255	12.6	13.8	C			
* 2994.0	29.4	6	6.8	258	12.6	13.8	C			
* 2996.0			6.8	256	12.6	13.8				
* 2998.0	32.1	3	6.9	254	12.6	13.7	A			
* 3000.0	34.2	5	6.9	255	12.6	13.7	A			
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*          *   FORMATION   *           BOREHOLE           * QUAL., *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH   *   DIP     DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST *
*         *         AZI.  *         AZI.  1-3   2-4   * =A   *
*****
* 3002.0  35.6     12    *   7.0   257   12.6   13.8   C   *
* 3004.0  33.9     1     *   7.0   255   12.6   14.0   A   *
* 3006.0  32.5     1     *   6.9   256   12.6   13.9   A   *
* 3008.0  32.4     1     *   6.9   257   12.6   13.8   A   *
* 3010.0  32.4     5     *   6.9   254   12.7   13.8   A   *
* 3012.0  32.4     6     *   6.9   255   12.7   13.9   D   *
* 3014.0  32.2     6     *   6.8   256   12.6   13.9   B   *
* 3016.0  33.8     6     *   6.8   254   12.6   13.7   A   *
* 3018.0  34.3     9     *   6.9   254   12.6   13.7   C   *
* 3020.0  33.3     7     *   6.9   254   12.7   13.8   A   *
* 3022.0  33.3     4     *   7.0   253   12.7   13.8   A   *
* 3024.0  32.2     5     *   6.9   253   12.7   13.8   A   *
* 3026.0  38.3     8     *   6.9   254   12.7   13.7   A   *
* 3028.0  36.5    10     *   6.9   254   12.7   13.6   A   *
* 3030.0  35.0    10     *   6.9   253   12.6   13.6   A   *
* 3032.0          *   7.0   253   12.6   13.6   *
* 3034.0  43.1     5     *   7.0   252   12.6   13.8   C   *
* 3036.0  33.4     7     *   7.0   251   12.6   13.9   A   *
* 3038.0  33.4     7     *   7.1   252   12.6   13.9   A   *
* 3040.0  28.4    356    *   7.0   251   12.6   13.8   C   *
* 3042.0  27.1    360    *   7.0   251   12.6   13.7   A   *
* 3044.0  29.8     1     *   7.0   251   12.6   13.7   A   *
* 3046.0  29.4     4     *   7.0   250   12.7   13.7   A   *
* 3048.0  33.7    358    *   7.0   253   12.7   13.6   A   *
* 3050.0  34.6    357    *   7.1   252   12.7   13.6   C   *
* 3052.0  31.5     4     *   7.1   250   12.8   13.7   A   *
* 3054.0  30.1     9     *   7.1   251   12.7   13.8   C   *
* 3056.0  38.3     5     *   7.1   250   12.7   13.7   C   *
* 3058.0  37.6     3     *   7.2   252   12.7   13.6   C   *
* 3060.0  33.1    359    *   7.2   250   12.6   13.6   A   *
* 3062.0  32.7    360    *   7.1   250   12.6   13.6   A   *
* 3064.0  32.8     1     *   7.2   251   12.7   13.7   A   *
* 3066.0  33.8     1     *   7.2   251   12.7   13.8   A   *
* 3068.0  35.4     2     *   7.2   251   12.7   13.9   C   *
* 3070.0  34.0     4     *   7.2   250   12.7   13.9   C   *
* 3072.0          *   7.2   250   12.7   13.8   *
* 3074.0  33.8    360    *   7.2   251   12.7   13.7   B   *
* 3076.0  34.5     5     *   7.2   251   12.7   13.7   B   *
* 3078.0  34.8     7     *   7.2   251   12.7   13.7   B   *
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*****									
* FORMATION * BOREHOLE * QUAL. * INDEX *									
*-----*									
* DEPTH *	* DIP *	* DIP AZI. *	* DEV. *	* DEV. AZI. *	* DIAM. 1-3 *	* DIAM. 2-4 *	* BEST *	*****	
* 3080.0	34.5	6	7.2	249	12.7	13.6	B	*****	
* 3082.0	38.1	3	7.3	251	12.7	13.6	D	*****	
* 3084.0	39.0	357	7.3	251	12.8	13.7	D	*****	
* 3086.0			7.3	251	12.8	13.7		*****	
* 3088.0			7.3	250	12.8	13.7		*****	
* 3090.0			7.3	249	12.8	13.7		*****	
* 3092.0			7.3	250	12.8	13.8		*****	
* 3094.0			7.4	249	12.8	13.8		*****	
* 3096.0			7.5	248	12.9	13.7		*****	
* 3098.0	33.4	15	7.4	249	12.8	13.7	A	*****	
* 3100.0	31.7	17	7.4	249	12.8	13.7	A	*****	
* 3102.0	29.3	22	7.5	249	12.8	13.6	A	*****	
* 3104.0	29.5	23	7.5	249	12.9	13.6	A	*****	
* 3106.0	34.2	15	7.5	249	12.8	13.6	A	*****	
* 3108.0	34.6	11	7.5	249	12.7	13.6	A	*****	
* 3110.0	29.0	11	7.5	249	12.7	13.5	C	*****	
* 3112.0	35.3	14	7.6	249	12.7	13.6	D	*****	
* 3114.0			7.6	249	12.7	13.5		*****	
* 3116.0	31.9	15	7.6	250	12.7	13.6	B	*****	
* 3118.0	31.6	15	7.6	249	12.7	13.6	B	*****	
* 3120.0			7.6	251	12.7	13.5		*****	
* 3122.0			7.6	250	12.7	13.6		*****	
* 3124.0			7.6	247	12.7	13.7		*****	
* 3126.0	34.5	16	7.6	247	12.7	13.5	B	*****	
* 3128.0			7.6	248	12.6	13.5		*****	
* 3130.0	30.1	15	7.6	249	12.6	13.6	B	*****	
* 3132.0	29.9	14	7.6	248	12.7	13.6	A	*****	
* 3134.0	31.1	19	7.6	249	12.7	13.5	A	*****	
* 3136.0	29.6	13	7.6	247	12.7	13.6	A	*****	
* 3138.0	28.9	17	7.6	247	12.7	13.6	A	*****	
* 3140.0	28.7	17	7.6	249	12.7	13.6	C	*****	
* 3142.0	34.1	15	7.6	248	12.7	13.5	D	*****	
* 3144.0			7.6	247	12.7	13.4		*****	
* 3146.0			7.6	245	12.7	13.5		*****	
* 3148.0			7.7	246	12.7	13.6		*****	
* 3150.0	38.2	18	7.7	247	12.7	13.6	B	*****	
* 3152.0	34.7	13	7.7	246	12.8	13.6	A	*****	
* 3154.0	34.7	14	7.7	247	12.8	13.6	A	*****	
* 3156.0	35.3	15	7.7	245	12.8	13.6	A	*****	
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* * * * * FORMATION * * * * * BOREHOLE * * * * * QUAL., * * * * *									
* * * * * INDEX * * * * *									
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST	* * * * *	
		AZI.		AZI.	1-3	2-4	=A	* * * * *	
*****									
* 3158.0	34.7	15	7.8	245	12.8	13.5	A	* *	
* 3160.0	41.6	16	7.8	244	12.8	13.5	D	* *	
* 3162.0			7.8	244	12.8	13.6		* *	
* 3164.0			7.9	244	12.9	13.6		* *	
* 3166.0			7.9	241	12.9	13.5		* *	
* 3168.0	39.0	14	7.9	242	12.9	13.5	D	* *	
* 3170.0	37.5	16	7.9	241	12.9	13.5	D	* *	
* 3172.0	32.7	41	7.9	241	12.9	13.4	B	* *	
* 3174.0			7.9	243	12.9	13.3		* *	
* 3176.0	31.5	357	7.9	243	13.0	13.3	C	* *	
* 3178.0	33.1	345	8.0	242	13.0	13.4	C	* *	
* 3180.0			8.0	243	12.8	13.5		* *	
* 3182.0			8.0	242	12.7	13.5		* *	
* 3184.0	22.1	358	8.0	242	12.7	13.5	C	* *	
* 3186.0	32.9	8	7.9	241	12.9	13.5	C	* *	
* 3188.0	29.7	6	7.9	240	12.9	13.5	A	* *	
* 3190.0	32.2	12	8.0	242	12.9	13.5	A	* *	
* 3192.0	26.2	2	8.0	240	12.9	13.6	A	* *	
* 3194.0	29.7	3	8.0	242	12.9	13.5	A	* *	
* 3196.0	30.8	2	8.0	241	12.9	13.5	A	* *	
* 3198.0	29.5	10	8.0	240	12.9	13.5	A	* *	
* 3200.0			8.0	241	12.9	13.5		* *	
* 3202.0			8.0	240	12.9	13.6		* *	
* 3204.0	32.0	24	8.0	241	12.9	13.5	A	* *	
* 3206.0	29.9	27	8.1	241	12.9	13.5	A	* *	
* 3208.0	28.2	25	8.1	241	12.9	13.4	A	* *	
* 3210.0	27.7	11	8.1	242	12.9	13.3	A	* *	
* 3212.0	32.2	7	8.2	239	12.9	13.4	A	* *	
* 3214.0	28.7	5	8.2	239	13.0	13.4	A	* *	
* 3216.0	28.8	6	8.1	238	13.0	13.4	A	* *	
* 3218.0	29.0	10	8.1	238	13.0	13.4	A	* *	
* 3220.0	27.7	20	8.2	238	13.1	13.5	C	* *	
* 3222.0	34.5	5	8.2	237	13.1	13.4	A	* *	
* 3224.0	27.8	3	8.2	238	13.1	13.4	A	* *	
* 3226.0	38.1	356	8.2	237	13.1	13.3	C	* *	
* 3228.0	27.8	2	8.3	239	13.1	13.2	A	* *	
* 3230.0	33.8	5	8.3	239	13.1	13.3	A	* *	
* 3232.0	32.0	346	8.3	240	13.1	13.4	C	* *	
* 3234.0			8.3	239	13.0	13.5		* *	
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*          * FORMATION *          * BOREHOLE * QUAL. *
*          *-----*-----*-----*-----* INDEX *
* DEPTH * DIP * DIP * DEV. * DEV. * DIAM * DIAM * BEST *
* * * * * AZI. * * * * * AZI. * 1-3 * 2-4 * =A *
*****
* 3236.0 26.0 33 8.3 239 13.0 13.6 D *
* 3238.0 25.0 22 8.3 239 13.0 13.6 D *
* 3240.0 8.3 238 13.0 13.4 *
* 3242.0 8.3 240 13.0 13.4 *
* 3244.0 8.3 239 13.0 13.4 *
* 3246.0 24.2 20 8.4 239 13.1 13.3 B *
* 3248.0 24.4 19 8.4 238 13.1 13.3 B *
* 3250.0 29.4 16 8.3 238 13.1 13.4 D *
* 3252.0 27.8 6 8.4 240 13.1 13.4 D *
* 3254.0 8.4 239 13.2 13.4 *
* 3256.0 39.5 353 8.4 239 13.2 13.4 D *
* 3258.0 39.0 358 8.4 238 13.2 13.3 D *
* 3260.0 8.4 238 13.2 13.3 *
* 3262.0 8.4 238 13.2 13.3 *
* 3264.0 42.0 5 8.4 237 13.2 13.3 D *
* 3266.0 38.8 353 8.4 238 13.2 13.4 D *
* 3268.0 42.7 6 8.4 236 13.1 13.4 D *
* 3270.0 41.6 3 8.4 236 13.2 13.3 D *
* 3272.0 39.1 357 8.4 236 13.2 13.3 D *
* 3274.0 8.4 236 13.1 13.3 *
* 3276.0 36.1 5 8.4 237 13.1 13.3 B *
* 3278.0 28.6 353 8.4 237 13.1 13.3 D *
* 3280.0 47.1 305 8.4 237 13.1 13.3 D *
* 3282.0 51.0 300 8.4 235 13.1 13.3 B *
* 3284.0 34.0 15 8.4 236 13.1 13.4 D *
* 3286.0 34.3 19 8.4 237 13.0 13.5 D *
* 3288.0 8.4 236 13.1 13.5 *
* 3290.0 8.4 237 13.1 13.3 *
* 3292.0 36.2 2 8.4 235 13.0 13.2 D *
* 3294.0 28.7 5 8.4 234 13.0 13.2 B *
* 3296.0 28.4 5 8.4 234 13.1 13.2 A *
* 3298.0 29.6 6 8.4 235 13.1 13.3 A *
* 3300.0 34.1 6 8.4 235 13.1 13.3 C *
* 3302.0 32.1 2 8.4 236 13.2 13.2 A *
* 3304.0 8.4 235 13.2 13.2 *
* 3306.0 8.4 236 13.2 13.2 *
* 3308.0 8.5 236 13.2 13.2 *
* 3310.0 47.8 8 8.4 233 13.2 13.1 D *
* 3312.0 44.1 8 8.5 235 13.2 13.1 D *
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*          * FORMATION          *          * BOREHOLE          * QUAL. *
*          *-----*          *          *-----*          * INDEX *
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST  *
*        *        AZI. *        AZI.   1-3   2-4   * =A    *
*****
* 3314.0                8.5   235    13.2   13.2                *
* 3316.0                8.5   234    13.3   13.1                *
* 3318.0                8.5   234    13.3   13.1                *
* 3320.0   47.7         2      8.5   233    13.3   13.1          B  *
* 3322.0                8.5   235    13.3   13.0                *
* 3324.0                8.6   234    13.4   12.9                *
* 3326.0                8.5   232    13.3   13.1                *
* 3328.0                8.6   234    13.2   13.5                *
* 3330.0                8.6   235    13.1   13.5                *
* 3332.0                8.6   234    13.2   13.2                *
* 3334.0                8.6   235    13.2   13.1                *
* 3336.0                8.6   234    13.2   13.0                *
* 3338.0                8.6   235    13.3   13.1                *
* 3340.0   36.1        354    8.7   235    13.3   13.1          B  *
* 3342.0                8.7   235    13.2   13.1                *
* 3344.0                8.7   235    13.2   13.1                *
* 3346.0                8.7   233    13.2   13.1                *
* 3348.0   37.0        349    8.8   235    13.1   13.1          D  *
* 3350.0   31.7         11    8.8   235    13.1   13.2          A  *
* 3352.0   31.4         6     8.8   231    13.1   13.1          A  *
* 3354.0   34.0         7     8.8   233    13.1   13.0          A  *
* 3356.0   33.2         5     8.8   234    13.2   12.9          A  *
* 3358.0   32.4         4     8.8   233    13.2   13.0          A  *
* 3360.0   35.2         7     8.8   235    13.2   13.0          A  *
* 3362.0   29.0         2     8.8   234    13.3   12.9          A  *
* 3364.0   33.4        357    8.8   233    13.2   12.9          A  *
* 3366.0   22.8        344    8.8   234    13.2   12.9          B  *
* 3368.0   23.3         3     8.8   233    13.2   12.9          C  *
* 3370.0   29.0        12    8.9   233    13.3   13.0          A  *
* 3372.0   34.1        22    8.9   235    13.4   13.1          A  *
* 3374.0   32.8        13    8.9   233    13.4   13.0          A  *
* 3376.0   34.0        12    8.9   232    13.2   12.8          A  *
* 3378.0   27.3        20    9.0   234    13.1   12.7          A  *
* 3380.0   28.2        18    8.9   234    13.2   12.7          A  *
* 3382.0   30.2        12    9.0   231    13.2   12.7          A  *
* 3384.0                9.0   232    13.2   12.8                *
* 3386.0   32.8        42    9.0   233    13.2   12.9          C  *
* 3388.0                9.0   232    13.2   12.9                *
* 3390.0   26.4        25    9.0   234    13.2   12.9          A  *
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*          * FORMATION          *          * BOREHOLE          * QUAL. *
*          *-----*          *          *-----*          * INDEX *
* DEPTH  *  DIP    DIP    *  DEV.   DEV.   DIAM   DIAM  * BEST  *
*          *          AZI.  *          *          AZI.   1-3   2-4  *  =A   *
*****
* 3392.0  26.6    25     *  9.0   233   13.2   12.9  *  A    *
* 3394.0  26.4     9     *  9.0   232   13.2   12.9  *  A    *
* 3396.0  24.0    11     *  9.0   234   13.2   12.8  *  A    *
* 3398.0  27.6    10     *  9.0   234   13.1   12.6  *  C    *
* 3400.0  27.8     5     *  9.1   231   13.0   12.6  *  A    *
* 3402.0  25.2     9     *  9.1   232   13.0   12.7  *  A    *
* 3404.0  23.0    11     *  9.1   232   13.0   12.7  *  A    *
* 3406.0  22.6     7     *  9.1   230   12.9   12.7  *  A    *
* 3408.0  19.1    12     *  9.1   232   12.9   12.7  *  A    *
* 3410.0  20.4    13     *  9.2   232   12.9   12.6  *  A    *
* 3412.0  22.3    10     *  9.2   231   12.9   12.6  *  C    *
* 3414.0  23.7    12     *  9.2   233   12.9   12.7  *  A    *
* 3416.0  23.9    12     *  9.3   232   12.9   12.7  *  A    *
* 3418.0  22.3    14     *  9.3   230   12.8   12.7  *  A    *
* 3420.0  22.4    17     *  9.2   233   12.8   12.6  *  A    *
* 3422.0  22.4     7     *  9.1   233   12.7   12.6  *  A    *
* 3424.0  22.6     6     *  9.2   231   12.7   12.6  *  A    *
* 3426.0          *  9.2   232   12.7   12.6  *
* 3428.0          *  9.2   233   12.6   12.6  *
* 3430.0  31.6    13     *  9.2   232   12.6   12.6  *  A    *
* 3432.0  30.6    10     *  9.2   232   12.7   12.6  *  A    *
* 3434.0  22.2    11     *  9.2   232   12.7   12.7  *  A    *
* 3436.0  23.4    13     *  9.2   231   12.8   12.8  *  A    *
* 3438.0  23.9    12     *  9.2   233   12.9   12.7  *  A    *
* 3440.0  22.9     9     *  9.2   231   12.8   12.6  *  A    *
* 3442.0  21.0    13     *  9.2   231   12.8   12.6  *  A    *
* 3444.0  20.4    13     *  9.2   231   12.7   12.6  *  A    *
* 3446.0  19.3    14     *  9.2   231   12.7   12.6  *  A    *
* 3448.0  20.8    13     *  9.2   231   12.8   12.7  *  A    *
* 3450.0  22.3    13     *  9.2   231   12.9   12.7  *  A    *
* 3452.0  23.8     8     *  9.2   232   12.8   12.6  *  A    *
* 3454.0  20.4    10     *  9.2   232   12.8   12.7  *  A    *
* 3456.0  21.8    11     *  9.2   233   12.7   12.6  *  A    *
* 3458.0  24.4     5     *  9.2   232   12.8   12.6  *  A    *
* 3460.0          *  9.2   232   12.7   12.6  *
* 3462.0  22.7    10     *  9.3   232   12.7   12.6  *  A    *
* 3464.0  19.2     8     *  9.4   231   12.7   12.6  *  A    *
* 3466.0  19.2     9     *  9.3   234   12.7   12.7  *  A    *
* 3468.0  18.9    12     *  9.3   234   12.8   12.7  *  A    *
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*          * FORMATION          *          * BOREHOLE          * QUAL. *
*          * -----          *          * -----          * INDEX *
* DEPTH  *  DIP    *  DIP    *  DEV.  *  DEV.  *  DIAM   *  DIAM   *  BEST  *
*          *          *  AZI.  *          *  AZI.  *  1-3   *  2-4   *  =A    *
*****
* 3470.0  18.6    *  14    *  9.3   *  236   *  12.7   *  12.8   *  A     *
* 3472.0  18.5    *  5     *  9.3   *  234   *  12.8   *  12.9   *  A     *
* 3474.0  18.2    *  11    *  9.3   *  232   *  12.8   *  12.9   *  A     *
* 3476.0  20.5    *  15    *  9.4   *  235   *  12.8   *  12.8   *  A     *
* 3478.0  19.6    *  17    *  9.3   *  234   *  12.8   *  12.7   *  A     *
* 3480.0          *        *  9.4   *  232   *  12.8   *  12.7   *        *
* 3482.0          *        *  9.5   *  231   *  12.8   *  12.8   *        *
* 3484.0          *        *  9.4   *  233   *  12.7   *  12.7   *        *
* 3486.0  22.4    *  15    *  9.5   *  233   *  12.7   *  12.7   *  C     *
* 3488.0  21.8    *  14    *  9.5   *  232   *  12.8   *  12.7   *  A     *
* 3490.0  21.9    *  15    *  9.6   *  234   *  12.9   *  12.8   *  A     *
* 3492.0  20.7    *  11    *  9.6   *  227   *  12.8   *  12.8   *  A     *
* 3494.0  20.9    *  12    *  9.6   *  226   *  12.7   *  12.8   *  A     *
* 3496.0  22.8    *  16    *  9.6   *  232   *  12.8   *  12.8   *  A     *
* 3498.0  21.2    *  22    *  9.6   *  232   *  12.9   *  12.8   *  A     *
* 3500.0  19.2    *  16    *  9.6   *  231   *  12.9   *  12.8   *  A     *
* 3502.0  20.0    *  12    *  9.6   *  229   *  12.9   *  12.8   *  A     *
* 3504.0  21.5    *  14    *  9.7   *  230   *  12.8   *  12.9   *  A     *
* 3506.0  22.7    *  16    *  9.7   *  231   *  12.7   *  12.8   *  A     *
* 3508.0  21.6    *  17    *  9.6   *  231   *  12.7   *  12.8   *  A     *
* 3510.0  22.3    *  17    *  9.7   *  228   *  12.6   *  12.8   *  A     *
* 3512.0  21.8    *  13    *  9.7   *  227   *  12.6   *  12.7   *  A     *
* 3514.0  20.5    *  17    *  9.7   *  231   *  12.6   *  12.7   *  A     *
* 3516.0  20.5    *  15    *  9.7   *  230   *  12.7   *  12.7   *  A     *
* 3518.0  20.8    *  13    *  9.7   *  227   *  12.8   *  12.8   *  A     *
* 3520.0  20.7    *  13    *  9.7   *  228   *  12.8   *  12.8   *  A     *
* 3522.0  20.3    *  13    *  9.8   *  230   *  12.7   *  12.7   *  A     *
* 3524.0  19.7    *  12    *  9.9   *  229   *  12.8   *  12.7   *  A     *
* 3526.0  20.0    *  7     *  9.8   *  226   *  12.8   *  12.8   *  A     *
* 3528.0  19.7    *  13    *  9.8   *  228   *  12.8   *  12.7   *  A     *
* 3530.0  20.2    *  13    *  9.9   *  230   *  12.8   *  12.7   *  A     *
* 3532.0  18.9    *  7     *  9.9   *  227   *  12.9   *  12.7   *  A     *
* 3534.0  18.6    *  6     *  9.9   *  226   *  12.9   *  12.8   *  A     *
* 3536.0  18.8    *  9     *  9.9   *  229   *  12.9   *  12.7   *  C     *
* 3538.0  20.2    *  12    *  9.9   *  230   *  12.9   *  12.7   *  C     *
* 3540.0  22.3    *  15    *  10.0  *  227   *  13.0   *  12.8   *  A     *
* 3542.0  21.2    *  14    *  10.0  *  226   *  13.0   *  12.7   *  A     *
* 3544.0  21.4    *  15    *  10.1  *  228   *  13.0   *  12.6   *  A     *
* 3546.0  22.6    *  13    *  10.2  *  228   *  13.1   *  12.6   *  A     *
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*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          *-----*          *-----*          * INDEX *
* DEPTH *  DIP  *  DIP  *  DEV.  *  DEV.  *  DIAM  *  DIAM  *  BEST *
*          *          *  AZI.  *          *  AZI.  *  1-3  *  2-4  *  =A  *
*****
* 3548.0  22.3   12   10.5   227   13.1   12.6   A
* 3550.0   8.4   251  10.6   230   13.1   12.6   B
* 3552.0  12.3   258  10.2   231   13.7   12.5   D
* 3554.0   4.4   237   9.9   229   14.3   12.9   D
* 3556.0                10.0   229   13.9   13.1
* 3558.0                10.0   229   13.2   13.0
* 3560.0                10.0   231   13.0   13.1
* 3562.0  13.6   346  10.0   229   13.1   13.0   D
* 3564.0  28.2    63  10.0   226   13.1   13.2   D
* 3566.0  19.4    59  10.0   227   13.0   13.1   B
* 3568.0  11.2    29  10.0   231   13.0   12.8   D
* 3570.0   8.4     9  10.1   229   13.0   12.8   D
* 3572.0  10.4     9  10.1   226   13.0   12.8   B
* 3574.0  12.3    16  10.1   226   13.0   12.8   D
* 3576.0                10.0   229   13.0   12.7
* 3578.0                10.0   230   12.9   12.7
* 3580.0                10.0   228   12.9   12.7
* 3582.0                10.0   229   12.9   12.6
* 3584.0  13.2    15  10.0   231   12.8   12.6   A
* 3586.0  13.3    18  10.0   231   12.7   12.5   A
* 3588.0  14.1    32  10.0   228   12.8   12.6   A
* 3590.0  12.5    25  10.0   228   12.8   12.7   A
* 3592.0  13.3    31  10.0   231   12.8   12.7   A
* 3594.0                10.0   230   12.7   12.7
* 3596.0                10.0   228   12.7   12.7
* 3598.0  17.2    15  10.0   230   12.8   12.7   A
* 3600.0  17.2    13  10.0   229   12.8   12.7   A
* 3602.0  16.7    11  10.0   228   12.8   12.7   A
* 3604.0  16.7    14  10.0   229   12.9   12.8   A
* 3606.0  16.7    11  10.0   230   12.9   12.8   A
* 3608.0  16.8    10  10.0   229   12.9   12.8   A
* 3610.0  17.4     9  10.0   227   12.9   12.7   A
* 3612.0  17.5    12  10.0   227   12.9   12.6   A
* 3614.0  16.6    10  10.0   230   12.9   12.6   A
* 3616.0  16.5     8  10.0   230   12.9   12.6   A
* 3618.0  17.2     5  10.0   226   13.0   12.7   A
* 3620.0  17.8     6  10.0   225   13.0   12.7   A
* 3622.0  17.9    10  10.0   229   13.0   12.6   A
* 3624.0  19.5    13  10.0   230   13.0   12.6   A
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*****
*           * FORMATION *           BOREHOLE * QUAL., *
*           *-----*-----*           INDEX *
* DEPTH *   DIP   DIP   * DEV.   DEV.   DIAM   DIAM * BEST *
*       *       AZI. *   AZI.   1-3   2-4 * =A *
*****
* 3626.0 18.4    8    10.1  228   13.0   12.6   A *
* 3628.0 18.9    9    10.0  227   13.0   12.6   A *
* 3630.0   10.0  230   13.0   12.6   *
* 3632.0   10.1  230   13.0   12.6   *
* 3634.0   10.1  227   13.0   12.6   *
* 3636.0   10.1  227   13.0   12.6   *
* 3638.0   10.1  229   13.0   12.7   *
* 3640.0   10.2  228   13.0   12.7   *
* 3642.0   10.2  226   12.9   12.7   *
* 3644.0  30.4   29   10.2  228   12.9   12.7   B *
* 3646.0   10.3  228   13.0   12.7   *
* 3648.0   10.4  227   13.2   12.9   *
* 3650.0   10.2  229   13.2   13.1   *
* 3652.0  18.7   18   10.1  230   13.1   13.0   D *
* 3654.0  17.8  353   10.1  228   13.1   12.9   D *
* 3656.0  19.1  353   10.1  227   13.1   12.9   B *
* 3658.0   10.1  229   13.0   12.8   *
* 3660.0   10.1  230   12.9   12.7   *
* 3662.0  18.2  359   10.2  227   12.9   12.7   D *
* 3664.0   10.2  227   12.9   12.6   *
* 3666.0  18.5   14   10.2  229   12.9   12.6   A *
* 3668.0  18.3   14   10.2  229   12.9   12.6   C *
* 3670.0  19.9    6   10.2  226   13.0   12.7   A *
* 3672.0  18.4   10   10.2  226   12.9   12.8   A *
* 3674.0  19.9    6   10.2  228   13.0   12.8   A *
* 3676.0  20.4    4   10.2  230   13.0   12.9   A *
* 3678.0  16.4   13   10.2  227   13.0   12.9   A *
* 3680.0  16.3    4   10.2  225   13.1   12.9   A *
* 3682.0  18.0    6   10.3  227   13.2   13.0   A *
* 3684.0  18.1    8   10.3  229   13.3   13.3   A *
* 3686.0  22.6    9   10.3  228   13.3   13.2   A *
* 3688.0  21.8   11   10.3  226   13.2   13.0   A *
* 3690.0  21.2   13   10.3  227   13.1   12.9   A *
* 3692.0  19.3    6   10.3  229   13.1   12.9   A *
* 3694.0  19.3    6   10.3  229   13.1   12.8   A *
* 3696.0  21.3    4   10.4  226   13.0   12.7   A *
* 3698.0  21.7    5   10.4  227   13.0   12.7   A *
* 3700.0  20.2    5   10.4  228   13.1   12.7   A *
* 3702.0  22.0    5   10.4  227   13.1   12.7   A *
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*          *      FORMATION          *      BOREHOLE          *      QUAL., *
*          *      -----          *      -----          *      INDEX   *
*  DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIAM    DIAM  *  BEST     *
*          *  AZI.  *  #      #      #      #      #      #      #  =A     *
*****
* 3704.0  22.9    6      10.3   226    13.0   12.6    A      *
* 3706.0  24.3    6      10.4   226    13.0   12.7    A      *
* 3708.0  24.4    3      10.4   226    13.0   12.8    A      *
* 3710.0  23.5    3      10.4   226    13.0   12.7    A      *
* 3712.0  28.8    17     10.4   227    12.9   12.6    C      *
* 3714.0  26.4   358     10.4   226    12.9   12.6    A      *
* 3716.0  28.7   356     10.4   224    12.9   12.6    A      *
* 3718.0  29.0   358     10.4   225    12.9   12.6    A      *
* 3720.0  24.8    21     10.5   228    12.9   12.6    C      *
* 3722.0                10.5   229    12.9   12.6                *
* 3724.0    7.5   139     10.4   228    13.0   12.6    B      *
* 3726.0    6.6   142     10.4   228    13.1   12.7    B      *
* 3728.0   25.1   360     10.4   230    13.2   12.8    A      *
* 3730.0   21.0    3      10.4   229    13.3   12.7    A      *
* 3732.0   19.1   360     10.5   225    13.3   12.7    A      *
* 3734.0   16.1    3      10.4   227    13.1   12.7    A      *
* 3736.0   17.3    6      10.4   230    13.1   12.6    A      *
* 3738.0   19.2   11     10.4   229    13.2   12.6    A      *
* 3740.0   21.7    8      10.4   226    13.2   12.6    A      *
* 3742.0   20.8    9      10.4   225    13.2   12.6    A      *
* 3744.0   14.8    1      10.4   227    13.2   12.7    A      *
* 3746.0   16.0    2      10.4   228    13.1   12.6    A      *
* 3748.0   16.1   360     10.4   227    13.1   12.6    A      *
* 3750.0   16.0   356     10.4   225    13.1   12.6    A      *
* 3752.0   16.4    4      10.4   224    13.1   12.6    A      *
* 3754.0   24.0   17     10.4   227    13.2   12.6    C      *
* 3756.0   28.1   10     10.4   227    13.2   12.6    C      *
* 3758.0   22.3    4      10.4   225    13.1   12.6    A      *
* 3760.0   16.8    4      10.5   224    13.1   12.6    A      *
* 3762.0   17.9    5      10.5   226    13.0   12.6    A      *
* 3764.0   16.6    8      10.5   228    13.0   12.6    A      *
* 3766.0   16.9    6      10.5   226    13.0   12.6    A      *
* 3768.0   15.3   10     10.5   225    12.9   12.6    C      *
* 3770.0   15.6   21     10.5   228    12.9   12.6    C      *
* 3772.0   15.5   16     10.5   229    12.8   12.6    A      *
* 3774.0   10.3   16     10.5   226    12.7   12.6    A      *
* 3776.0   10.7   14     10.5   224    12.6   12.6    A      *
* 3778.0   10.3   25     10.5   226    12.7   12.7    A      *
* 3780.0   31.9   33     10.6   228    12.8   12.7    D      *
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*          * FORMATION *          * BOREHOLE *          * QUAL., *
*          *-----*          *-----*          * INDEX *
* DEPTH *   DIP   *   DIP   *   DEV.   *   DEV.   *   DIAM   *   DIAM   *   BEST *
*          *          *   AZI.  *          *   AZI.  *   1-3   *   2-4   *   =A   *
*****
* 3782.0  30.1   *   32   *   10.6  *   226   *   12.8   *   12.6   *   D   *
* 3784.0  29.3   *   26   *   10.6  *   223   *   12.8   *   12.7   *   D   *
* 3786.0   *          *          *   10.6  *   225   *   13.0   *   12.7   *          *
* 3788.0   *          *          *   10.7  *   228   *   13.1   *   12.7   *          *
* 3790.0  29.5   *   55   *   10.7  *   230   *   13.0   *   12.7   *   D   *
* 3792.0  30.3   *   56   *   10.7  *   229   *   13.0   *   12.7   *   D   *
* 3794.0  29.9   *   59   *   10.6  *   226   *   13.0   *   12.6   *   B   *
* 3796.0  30.0   *   57   *   10.5  *   224   *   13.0   *   12.6   *   B   *
* 3798.0  27.7   *   14   *   10.5  *   224   *   12.9   *   12.6   *   D   *
* 3800.0  25.6   *   19   *   10.5  *   226   *   12.9   *   12.6   *   D   *
* 3802.0  16.7   *   12   *   10.5  *   226   *   12.9   *   12.6   *   B   *
* 3804.0  18.4   *   11   *   10.5  *   227   *   13.0   *   12.7   *   B   *
* 3806.0  21.2   *   16   *   10.6  *   228   *   13.0   *   12.7   *   D   *
* 3808.0  21.3   *   16   *   10.5  *   228   *   13.1   *   12.7   *   D   *
* 3810.0  20.0   *   15   *   10.6  *   229   *   13.2   *   12.8   *   D   *
* 3812.0  19.5   *   332  *   10.6  *   229   *   13.1   *   12.8   *   B   *
* 3814.0  16.0   *   5    *   10.6  *   228   *   13.0   *   12.8   *   D   *
* 3816.0   *          *          *   10.6  *   229   *   13.0   *   12.7   *          *
* 3818.0   *          *          *   10.7  *   229   *   12.9   *   12.7   *          *
* 3820.0  11.4   *   342  *   10.7  *   229   *   12.9   *   12.7   *   A   *
* 3822.0  14.0   *   347  *   10.8  *   228   *   12.9   *   12.7   *   A   *
* 3824.0  14.2   *   346  *   10.7  *   227   *   12.9   *   12.7   *   A   *
* 3826.0  14.7   *   349  *   10.7  *   227   *   12.9   *   12.7   *   A   *
* 3828.0  14.7   *   352  *   10.8  *   226   *   12.9   *   12.7   *   A   *
* 3830.0  18.6   *   3    *   10.8  *   226   *   12.8   *   12.6   *   A   *
* 3832.0  18.2   *   6    *   10.8  *   226   *   12.7   *   12.6   *   A   *
* 3834.0  18.7   *   4    *   10.7  *   226   *   12.8   *   12.6   *   A   *
* 3836.0  19.0   *   1    *   10.7  *   226   *   12.8   *   12.7   *   A   *
* 3838.0  19.8   *   360  *   10.7  *   226   *   12.9   *   12.6   *   A   *
* 3840.0  19.8   *   359  *   10.7  *   225   *   12.9   *   12.6   *   A   *
* 3842.0  19.3   *   4    *   10.7  *   225   *   12.9   *   12.6   *   A   *
* 3844.0  19.0   *   5    *   10.7  *   225   *   13.0   *   12.6   *   A   *
* 3846.0  21.0   *   1    *   10.7  *   226   *   13.0   *   12.7   *   A   *
* 3848.0   *          *          *   10.7  *   226   *   13.0   *   12.7   *          *
* 3850.0   *          *          *   10.7  *   224   *   12.9   *   12.6   *          *
* 3852.0  16.8   *   360  *   10.7  *   227   *   12.6   *   12.9   *   A   *
* 3854.0  15.8   *   4    *   10.6  *   228   *   12.6   *   12.9   *   A   *
* 3856.0  15.7   *   3    *   10.6  *   227   *   12.6   *   13.0   *   A   *
* 3858.0  15.0   *   2    *   10.6  *   225   *   12.6   *   13.0   *   A   *
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*****
*          * FORMATION          *          BOREHOLE          * QUAL. *
*          * -----*          *          *          * INDEX *
* DEPTH  *  DIP  *  DIP  *  DEV.  *  DEV.  *  DIAM  *  DIAM  *  BEST  *
*          *          *  AZI.  *          *  AZI.  *  1-3  *  2-4  *  =A  *
*****
* 3860.0          *          * 10.7  * 225  * 12.6  * 12.9  *          *
* 3862.0          *          * 10.7  * 226  * 12.6  * 12.9  *          *
* 3864.0  18.8    * 3      * 10.7  * 227  * 12.6  * 12.8  * A      *
* 3866.0  18.6    * 5      * 10.7  * 227  * 12.6  * 12.9  * A      *
* 3868.0  17.9    * 7      * 10.8  * 226  * 12.6  * 12.9  * A      *
* 3870.0  17.4    * 7      * 10.7  * 225  * 12.6  * 12.9  * A      *
* 3872.0  17.8    * 4      * 10.7  * 226  * 12.6  * 12.9  * A      *
* 3874.0  18.4    * 2      * 10.7  * 227  * 12.6  * 12.9  * A      *
* 3876.0  25.1    * 7      * 10.7  * 227  * 12.6  * 13.0  * A      *
* 3878.0  24.0    * 4      * 10.6  * 226  * 12.6  * 13.0  * A      *
* 3880.0  17.6    * 5      * 10.7  * 225  * 12.6  * 13.0  * A      *
* 3882.0  18.3    * 7      * 10.7  * 227  * 12.6  * 12.9  * A      *
* 3884.0  18.6    * 9      * 10.8  * 228  * 12.6  * 12.9  * A      *
* 3886.0  19.8    * 6      * 10.8  * 225  * 12.6  * 12.9  * A      *
* 3888.0  20.5    * 5      * 10.8  * 224  * 12.6  * 12.9  * A      *
* 3890.0  35.6    * 35     * 10.8  * 227  * 12.6  * 12.9  * C      *
* 3892.0  20.4    * 26     * 10.8  * 228  * 12.6  * 12.9  * C      *
* 3894.0  20.9    * 19     * 10.8  * 226  * 12.6  * 12.9  * A      *
* 3896.0  21.8    * 14     * 10.8  * 224  * 12.6  * 12.9  * A      *
* 3898.0  28.7    * 18     * 10.8  * 225  * 12.6  * 12.7  * A      *
* 3900.0  30.5    * 17     * 10.8  * 228  * 12.6  * 12.8  * A      *
* 3902.0  27.6    * 17     * 10.8  * 227  * 12.6  * 12.9  * A      *
* 3904.0  21.1    * 7      * 10.8  * 224  * 12.6  * 13.0  * C      *
* 3906.0  20.1    * 30     * 10.8  * 225  * 12.6  * 13.0  * A      *
* 3908.0  20.7    * 19     * 10.8  * 228  * 12.6  * 13.0  * A      *
* 3910.0  19.4    * 17     * 10.8  * 227  * 12.6  * 12.9  * A      *
* 3912.0  18.8    * 16     * 10.8  * 225  * 12.6  * 13.0  * A      *
* 3914.0  18.5    * 18     * 10.8  * 227  * 12.6  * 13.0  * A      *
* 3916.0  19.7    * 15     * 10.8  * 228  * 12.6  * 13.0  * A      *
* 3918.0  19.1    * 13     * 10.8  * 226  * 12.6  * 13.0  * A      *
* 3920.0  18.9    * 15     * 10.9  * 225  * 12.6  * 13.0  * A      *
* 3922.0  18.7    * 14     * 10.9  * 226  * 12.6  * 12.9  * A      *
* 3924.0  19.0    * 10     * 10.8  * 227  * 12.6  * 13.0  * A      *
* 3926.0  19.6    * 9      * 10.8  * 226  * 12.6  * 13.1  * A      *
* 3928.0  22.8    * 9      * 10.8  * 225  * 12.6  * 13.0  * A      *
* 3930.0  22.1    * 13     * 10.8  * 225  * 12.6  * 12.9  * A      *
* 3932.0  18.4    * 22     * 10.8  * 227  * 12.6  * 12.8  * A      *
* 3934.0  18.5    * 17     * 10.8  * 227  * 12.6  * 12.8  * C      *
* 3936.0  18.1    * 16     * 10.8  * 226  * 12.6  * 12.9  * C      *
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*          *      FORMATION      *          BOREHOLE          * QUAL., *
*          *-----*-----*          INDEX          *
* DEPTH   *   DIP   *   DIP   *   DEV.   *   DEV.   *   DIAM   *   DIAM   *   BEST   *
*          *          *   AZI.  *          *   AZI.   *   1-3    *   2-4    *   =A     *
*****
* 3938.0  * 19.6   *   19   * 10.8   * 226     * 12.6    * 12.9    *   A     *
* 3940.0  * 19.7   *   17   * 10.8   * 227     * 12.6    * 12.9    *   A     *
* 3942.0  * 19.7   *   14   * 10.8   * 225     * 12.6    * 13.0    *   A     *
* 3944.0  * 20.0   *   15   * 10.7   * 224     * 12.6    * 13.0    *   A     *
* 3946.0  * 19.5   *   15   * 10.7   * 226     * 12.5    * 12.9    *   A     *
* 3948.0  * 19.8   *   14   * 10.7   * 228     * 12.5    * 12.9    *   A     *
* 3950.0  * 20.0   *   14   * 10.6   * 227     * 12.6    * 12.9    *   A     *
* 3952.0  * 20.1   *   16   * 10.8   * 226     * 12.6    * 12.9    *   A     *
* 3954.0  * 21.3   *    5   * 10.8   * 227     * 12.6    * 12.9    *   B     *
* 3956.0  * 24.6   *  349  * 10.8   * 227     * 12.6    * 12.9    *   D     *
* 3958.0  *          *        * 10.8   * 225     * 12.6    * 12.9    *         *
* 3960.0  *          *        * 10.8   * 225     * 12.6    * 12.9    *         *
* 3962.0  * 21.6   *   16   * 10.8   * 227     * 12.6    * 12.9    *   D     *
* 3964.0  * 20.7   *   17   * 10.8   * 227     * 12.7    * 13.0    *   B     *
* 3966.0  * 20.4   *   15   * 10.8   * 226     * 12.8    * 13.1    *   B     *
* 3968.0  * 18.8   *   12   * 10.8   * 226     * 12.7    * 13.0    *   A     *
* 3970.0  * 19.2   *   13   * 10.9   * 224     * 12.6    * 13.0    *   A     *
* 3972.0  * 20.4   *   15   * 10.9   * 224     * 12.6    * 12.9    *   A     *
* 3974.0  * 21.0   *   15   * 10.9   * 226     * 12.6    * 12.9    *   A     *
* 3976.0  * 20.7   *   15   * 10.9   * 226     * 12.6    * 12.9    *   A     *
* 3978.0  * 20.8   *   12   * 10.9   * 226     * 12.6    * 13.0    *   A     *
* 3980.0  * 22.1   *   19   * 10.9   * 225     * 12.6    * 13.0    *   A     *
* 3982.0  * 22.1   *   15   * 10.9   * 224     * 12.6    * 13.0    *   A     *
* 3984.0  * 22.6   *   11   * 10.8   * 223     * 12.6    * 13.0    *   A     *
* 3986.0  * 21.1   *   11   * 10.8   * 224     * 12.6    * 13.0    *   A     *
* 3988.0  *          *        * 10.9   * 225     * 12.6    * 13.0    *         *
* 3990.0  * 25.7   *    7   * 10.8   * 226     * 12.6    * 13.0    *   A     *
* 3992.0  * 19.9   *   12   * 10.9   * 226     * 12.6    * 13.0    *   A     *
* 3994.0  * 24.0   *    7   * 10.9   * 224     * 12.6    * 13.0    *   A     *
* 3996.0  * 22.2   *   11   * 10.9   * 223     * 12.6    * 13.1    *   A     *
* 3998.0  * 21.8   *   13   * 10.9   * 223     * 12.6    * 13.1    *   A     *
* 4000.0  * 21.2   *   14   * 10.9   * 225     * 12.6    * 13.2    *   A     *
* 4002.0  * 21.1   *   14   * 10.9   * 226     * 12.6    * 13.2    *   A     *
* 4004.0  *          *        * 10.9   * 224     * 12.6    * 13.2    *         *
* 4006.0  * 20.7   *    9   * 10.9   * 223     * 12.6    * 13.2    *   A     *
* 4008.0  * 20.9   *    8   * 10.9   * 222     * 12.6    * 13.2    *   A     *
* 4010.0  * 20.9   *   10   * 10.9   * 223     * 12.6    * 13.2    *   A     *
* 4012.0  * 19.3   *    7   * 10.9   * 223     * 12.6    * 13.2    *   A     *
* 4014.0  * 23.6   *    8   * 11.0   * 223     * 12.7    * 13.2    *   A     *
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*****
*          *      FORMATION          *      BOREHOLE          *      QUAL.  *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
*  DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIAM    DIAM  *  BEST  *
*          *          AZI.  *          AZI.    1-3    2-4  *  =A    *
*****
* 4016.0  * 22.4    10     * 11.0    224    12.7    13.2  *  A    *
* 4018.0  * 21.6    10     * 11.0    225    12.7    13.1  *  A    *
* 4020.0  * 20.2    9      * 11.0    225    12.6    12.9  *  A    *
* 4022.0  * 19.9    7      * 11.0    223    12.6    12.9  *  A    *
* 4024.0  * 21.1    11     * 11.0    223    12.6    12.9  *  A    *
* 4026.0  * 20.8    13     * 11.0    224    12.6    12.9  *  A    *
* 4028.0  * 19.9    11     * 11.0    225    12.6    12.8  *  A    *
* 4030.0  * 18.8    9      * 11.1    227    12.6    12.8  *  A    *
* 4032.0  * 19.3    8      * 11.1    226    12.6    12.7  *  A    *
* 4034.0  * 19.5    14     * 11.1    224    12.6    12.7  *  B    *
* 4036.0  * 20.0    350    * 11.0    221    12.7    12.9  *  D    *
* 4038.0  * 21.8    339    * 10.9    222    12.7    13.0  *  D    *
* 4040.0  * 20.6    14     * 10.9    225    12.6    12.9  *  A    *
* 4042.0  * 20.8    14     * 10.9    226    12.6    12.9  *  A    *
* 4044.0  * 20.8    15     * 10.9    226    12.6    12.8  *  A    *
* 4046.0  * 21.0    13     * 11.0    224    12.6    12.8  *  A    *
* 4048.0  * 21.0    10     * 11.0    222    12.6    12.9  *  A    *
* 4050.0  * 20.6    11     * 11.0    224    12.6    12.9  *  A    *
* 4052.0  * 22.4    13     * 11.0    225    12.6    12.9  *  A    *
* 4054.0  * 24.4    23     * 11.0    225    12.6    12.9  *  A    *
* 4056.0  * 21.2    10     * 11.1    225    12.6    12.9  *  A    *
* 4058.0  * 21.8    12     * 11.1    224    12.6    12.8  *  A    *
* 4060.0  * 22.9    12     * 11.1    222    12.6    12.8  *  A    *
* 4062.0  * 21.9    12     * 11.1    222    12.6    12.9  *  A    *
* 4064.0  * 21.4    13     * 11.1    225    12.6    12.9  *  A    *
* 4066.0  * 20.8    12     * 11.1    226    12.6    12.9  *  A    *
* 4068.0  * 21.7    14     * 11.1    225    12.6    13.0  *  A    *
* 4070.0  *          * 11.2    223    12.6    13.1  *  A    *
* 4072.0  * 19.6    18     * 11.2    223    12.6    13.1  *  A    *
* 4074.0  * 19.8    17     * 11.2    225    12.6    13.0  *  A    *
* 4076.0  * 17.8    15     * 11.1    226    12.6    13.1  *  A    *
* 4078.0  * 20.6    15     * 11.2    225    12.6    13.2  *  C    *
* 4080.0  * 19.2    15     * 11.2    225    12.6    13.1  *  A    *
* 4082.0  * 19.7    9      * 11.3    225    12.6    13.1  *  A    *
* 4084.0  * 19.5    14     * 11.2    224    12.6    13.2  *  A    *
* 4086.0  * 20.2    27     * 11.2    223    12.6    13.2  *  C    *
* 4088.0  * 13.2    38     * 11.3    223    12.6    13.0  *  C    *
* 4090.0  * 18.7    14     * 11.4    223    12.6    12.9  *  A    *
* 4092.0  * 18.9    12     * 11.4    224    12.6    12.9  *  A    *
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*****		FORMATION		*****		BOREHOLE		*****		QUAL.	*****
*****		-----		*****		-----		*****		INDEX	*****
DEPTH	DIP	DIP	DEV.	DEV.	DIAM	DIAM	BEST				
*	*	AZI.	*	AZI.	1-3	2-4	*	=A			
*****											
* 4094.0	20.4	19	11.3	226	12.6	13.0	A				
* 4096.0	19.6	22	11.3	226	12.6	13.0	A				
* 4098.0	19.2	18	11.3	225	12.6	13.0	A				
* 4100.0	20.3	16	11.2	225	12.6	12.9	A				
* 4102.0	20.2	13	11.3	225	12.6	13.0	A				
* 4104.0	20.5	14	11.3	225	12.6	13.0	C				
* 4106.0	21.3	19	11.3	225	12.6	13.1	C				
* 4108.0	22.3	19	11.3	225	12.6	13.1	A				
* 4110.0	23.4	20	11.4	226	12.6	13.1	A				
* 4112.0	23.7	22	11.4	226	12.6	13.2	A				
* 4114.0	25.1	20	11.4	226	12.6	13.2	A				
* 4116.0	24.4	16	11.5	225	12.6	13.2	A				
* 4118.0	27.5	9	11.5	228	12.6	13.2	A				
* 4120.0	24.5	10	11.4	228	12.6	13.2	A				
* 4122.0	26.6	16	11.3	224	12.6	13.2	A				
* 4124.0	17.5	27	11.4	225	12.6	13.1	C				
* 4126.0	24.1	27	11.4	225	12.6	13.0	C				
* 4128.0	19.2	27	11.4	224	12.6	13.0	A				
* 4130.0	20.3	27	11.4	224	12.6	13.0	A				
* 4132.0	26.3	30	11.3	225	12.6	13.0	C				
* 4134.0	24.4	29	11.4	225	12.6	13.0	A				
* 4136.0	22.2	23	11.4	225	12.6	13.1	D				
* 4138.0	23.5	25	11.4	225	12.6	13.1	B				
* 4140.0	22.2	23	11.4	225	12.6	13.2	B				
* 4142.0	19.0	21	11.4	225	12.6	13.2	D				
* 4144.0	24.9	10	11.4	224	12.6	13.0	B				
* 4146.0	27.1	7	11.4	224	12.6	13.0	B				
* 4148.0	16.3	36	11.4	225	12.6	13.1	D				
* 4150.0	23.0	25	11.4	224	12.6	13.1	D				
* 4152.0	26.4	15	11.4	225	12.6	13.1	B				
* 4154.0	23.3	1	11.4	225	12.6	13.1	D				
* 4156.0	18.7	360	11.4	222	12.6	13.1	D				
* 4158.0	20.7	10	11.3	221	12.6	13.0	D				
* 4160.0	18.4	349	11.3	221	12.6	13.0	B				
* 4162.0	18.2	351	11.4	222	12.6	13.0	B				
* 4164.0			11.3	222	12.6	13.0					
* 4166.0	23.8	357	11.3	223	12.6	13.0	D				
* 4168.0	22.9	357	11.3	224	12.6	13.1	D				
* 4170.0	22.4	356	11.3	225	12.6	13.1	B				
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*****
*          *      FORMATION          *      BOREHOLE          *      QUAL., *
*          *-----*-----*-----*-----*-----*-----*-----*
*  DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIAM    DIAM  *  BEST  *
*          *          AZI.  *          AZI.    1-3    2-4  *  =A    *
*****
#  4172.0  19.6      8      11.3    226     12.6    13.2    D    *
*  4174.0          11.3    227     12.6    13.2          *
#  4176.0  17.9     17     11.3    226     12.6    13.2    A    *
*  4178.0  18.2     17     11.4    227     12.6    13.2    A    *
#  4180.0  19.3     17     11.4    226     12.6    13.2    A    *
*  4182.0  19.2     15     11.4    226     12.6    13.2    A    *
#  4184.0  19.0     16     11.5    226     12.6    13.2    A    *
*  4186.0  19.4     16     11.6    226     12.6    13.2    C    *
#  4188.0  19.0     16     11.5    225     12.6    13.3    A    *
*  4190.0  19.4     12     11.4    223     12.6    13.2    A    *
#  4192.0          11.4    223     12.6    13.2          *
*  4194.0  16.3     20     11.4    223     12.6    13.2    A    *
#  4196.0  16.2     20     11.4    222     12.6    13.2    A    *
*  4198.0          11.4    223     12.6    13.1          *
#  4200.0          11.4    223     12.6    13.1          *
*  4202.0          11.3    222     12.6    13.0          *
#  4204.0  19.5     20     11.3    222     12.6    13.0    A    *
*  4206.0  13.5      2     11.5    222     12.6    13.0    C    *
#  4208.0  14.4     16     11.5    222     12.6    12.9    A    *
*  4210.0  20.3     11     11.4    222     12.6    12.9    C    *
#  4212.0  21.4     15     11.4    222     12.6    12.9    C    *
*  4214.0  21.1     15     11.5    223     12.6    13.0    A    *
#  4216.0  21.2     17     11.5    224     12.6    13.0    A    *
*  4218.0  20.8     15     11.5    224     12.6    13.0    A    *
#  4220.0  20.3     15     11.6    224     12.6    13.1    A    *
*  4222.0  20.1     16     11.6    225     12.6    13.1    A    *
#  4224.0  20.0     17     11.6    226     12.6    13.2    A    *
*  4226.0  20.3     15     11.6    225     12.6    13.2    C    *
#  4228.0  20.0     15     11.6    225     12.6    13.2    A    *
*  4230.0  20.4     15     11.6    226     12.6    13.2    A    *
#  4232.0  20.4     15     11.6    226     12.6    13.2    A    *
*  4234.0          11.6    226     12.6    13.3          *
#  4236.0  19.4     12     11.6    225     12.6    13.3    A    *
*  4238.0  19.1     18     11.5    226     12.6    13.3    A    *
#  4240.0  24.6     11     11.6    225     12.6    13.1    A    *
*  4242.0  25.1     11     11.6    224     12.6    13.1    A    *
#  4244.0  20.8     15     11.6    223     12.6    13.2    A    *
*  4246.0  19.2     15     11.6    223     12.5    13.3    A    *
#  4248.0  20.0     13     11.5    223     12.6    13.3    C    *
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*****
*          *   FORMATION   *           BOREHOLE           * QUAL., *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *   DIP   *   DIP   *   DEV.  *   DEV.  *   DIAM  *   DIAM  *   BEST *
*          *       *   AZI.  *       *   AZI.  *   1-3   *   2-4   *   =A   *
*****
* 4250.0  20.0    12     11.6   224     12.7    13.4    A     *
* 4252.0  21.2    13     11.6   224     12.7    13.4    A     *
* 4254.0  20.2    12     11.6   224     12.8    13.4    A     *
* 4256.0  22.3    10     11.5   225     12.9    13.4    A     *
* 4258.0  23.1    13     11.5   226     12.8    13.4    A     *
* 4260.0  17.4    13     11.5   226     12.8    13.4    C     *
* 4262.0  18.8    10     11.5   226     12.8    13.3    A     *
* 4264.0  19.5     6     11.5   226     12.8    13.3    A     *
* 4266.0  20.8    13     11.6   225     12.7    13.3    A     *
* 4268.0  21.7    12     11.6   223     12.8    13.3    A     *
* 4270.0  14.5   356     11.6   222     12.7    13.3    C     *
* 4272.0                11.6   223     12.7    13.2    *
* 4274.0                11.6   223     12.7    13.0    *
* 4276.0                11.6   223     12.7    13.0    *
* 4278.0                11.6   223     12.7    13.1    *
* 4280.0  25.7     5     11.6   224     12.7    13.2    A     *
* 4282.0  22.4    14     11.6   224     12.7    13.2    A     *
* 4284.0  21.4    13     11.6   224     12.7    13.2    A     *
* 4286.0  20.8    13     11.6   224     12.7    13.2    A     *
* 4288.0  20.5    12     11.6   223     12.7    13.2    A     *
* 4290.0  19.6    11     11.6   223     12.7    13.2    A     *
* 4292.0  19.4    11     11.6   223     12.6    13.2    A     *
* 4294.0  20.8     9     11.6   222     12.6    13.1    A     *
* 4296.0  20.4    12     11.6   223     12.6    13.0    A     *
* 4298.0  19.9    14     11.6   224     12.6    13.1    A     *
* 4300.0  18.9    16     11.6   225     12.6    13.1    A     *
* 4302.0  19.0    15     11.6   225     12.6    13.2    A     *
* 4304.0  21.9    12     11.6   225     12.6    13.2    A     *
* 4306.0  20.9    11     11.7   224     12.6    13.2    A     *
* 4308.0  21.1    13     11.7   223     12.6    13.2    A     *
* 4310.0  20.7     9     11.8   223     12.6    13.2    D     *
* 4312.0  21.8     9     11.8   222     12.6    13.2    D     *
* 4314.0  20.1    13     11.9   222     12.6    13.2    B     *
* 4316.0  21.8    10     11.9   224     12.6    13.2    C     *
* 4318.0  19.8    10     11.8   224     12.7    13.2    A     *
* 4320.0  19.8     9     11.7   225     12.6    13.2    A     *
* 4322.0  20.4    12     11.8   225     12.6    13.2    C     *
* 4324.0  19.3    14     11.8   225     12.6    13.2    A     *
* 4326.0  18.5    17     11.7   226     12.6    13.2    C     *
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*****									
* FORMATION * BOREHOLE * QUAL. *									
* ----- * INDEX *									
* DEPTH *	* DIP *	DIP	* DEV. *	DEV.	DIAM	DIAM	* BEST *	*****	
		AZI.		AZI.	1-3	2-4	=A		
*****									
* 4328.0	20.8	12	11.8	226	12.6	13.2	C	*	
* 4330.0	18.8	14	11.9	225	12.6	13.2	A	*	
* 4332.0	18.4	13	11.9	224	12.6	13.1	A	*	
* 4334.0	19.5	15	11.9	223	12.6	13.1	A	*	
* 4336.0	19.4	15	11.9	222	12.6	13.1	A	*	
* 4338.0	19.3	15	12.0	222	12.6	13.2	A	*	
* 4340.0	20.4	14	12.0	222	12.6	13.2	A	*	
* 4342.0	18.6	14	12.0	223	12.7	13.2	A	*	
* 4344.0	18.6	16	12.1	224	12.7	13.2	A	*	
* 4346.0	17.9	17	12.1	225	12.7	13.1	A	*	
* 4348.0	20.3	13	12.0	225	12.7	13.1	A	*	
* 4350.0	19.2	14	12.1	225	12.7	13.1	A	*	
* 4352.0	19.1	14	12.2	225	12.6	13.1	A	*	
* 4354.0	19.4	17	12.2	225	12.6	13.1	A	*	
* 4356.0	19.3	16	12.1	224	12.7	13.1	A	*	
* 4358.0	19.5	13	12.2	223	12.7	13.1	A	*	
* 4360.0	19.9	13	12.3	223	12.7	13.1	A	*	
* 4362.0	20.1	13	12.3	223	12.7	13.1	A	*	
* 4364.0	19.5	15	12.2	224	12.6	13.1	A	*	
* 4366.0	19.6	14	12.3	225	12.6	13.1	A	*	
* 4368.0	19.7	15	12.3	225	12.6	13.1	A	*	
* 4370.0	18.3	21	12.4	226	12.6	13.1	C	*	
* 4372.0	19.3	20	12.4	226	12.6	13.1	A	*	
* 4374.0	19.0	13	12.5	225	12.6	13.1	A	*	
* 4376.0	19.3	13	12.7	224	12.6	13.1	A	*	
* 4378.0	20.7	14	12.7	224	12.6	13.1	A	*	
* 4380.0	20.4	14	12.5	225	12.6	13.0	A	*	
* 4382.0	19.9	12	12.4	224	12.6	12.9	A	*	
* 4384.0	22.7	9	12.4	224	12.7	13.0	A	*	
* 4386.0	20.3	13	12.3	224	12.7	13.1	A	*	
* 4388.0	20.3	11	12.3	224	12.7	13.1	A	*	
* 4390.0	20.0	12	12.4	225	12.7	13.0	A	*	
* 4392.0	20.5	13	12.4	225	12.6	13.0	A	*	
* 4394.0	21.4	12	12.4	225	12.6	13.0	A	*	
* 4396.0	19.6	14	12.4	225	12.6	12.9	A	*	
* 4398.0	19.8	14	12.4	226	12.6	13.1	A	*	
* 4400.0	20.0	15	12.4	227	12.6	13.2	A	*	
* 4402.0	19.6	14	12.4	226	12.6	13.2	A	*	
* 4404.0	20.4	15	12.4	225	12.6	13.2	A	*	
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*****
*          * FORMATION *          * BOREHOLE *          * QUAL., *
*          * ----- *          * ----- *          * INDEX *
* DEPTH *  * DIP  *  * DIP  *  * DEV.  *  * DEV.  *  * DIAM  *  * DIAM  *  * BEST *
*          *          *  * AZI. *  *          *  *          *  * 1-3  *  * 2-4  *  * =A  *
*****
* 4406.0  19.4   14   12.5  226   12.6   13.2   A   *
* 4408.0  19.2   12   12.5  226   12.6   13.1   A   *
* 4410.0  17.9   17   12.4  226   12.6   13.1   A   *
* 4412.0  18.7   13   12.4  226   12.6   13.1   A   *
* 4414.0  18.4   14   12.4  226   12.6   13.1   A   *
* 4416.0  20.8    7   12.4  226   12.6   13.0   A   *
* 4418.0  21.1   11   12.4  226   12.6   13.0   A   *
* 4420.0  22.4   24   12.4  226   12.6   13.0   A   *
* 4422.0  20.6   16   12.4  226   12.6   13.0   A   *
* 4424.0  19.5   19   12.4  226   12.6   13.0   A   *
* 4426.0  22.0   16   12.4  227   12.6   12.9   A   *
* 4428.0  24.2   16   12.4  226   12.6   12.9   A   *
* 4430.0  21.3   22   12.4  226   12.6   12.9   A   *
* 4432.0  21.5   18   12.4  226   12.6   13.0   A   *
* 4434.0  19.3   13   12.4  226   12.6   13.0   A   *
* 4436.0  19.4   14   12.5  226   12.6   13.0   A   *
* 4438.0  19.5   13   12.5  226   12.6   13.1   A   *
* 4440.0  19.3   14   12.5  226   12.6   13.1   A   *
* 4442.0  18.4   18   12.5  226   12.6   13.0   A   *
* 4444.0  18.3   13   12.6  225   12.6   13.0   C   *
* 4446.0  18.4   16   12.5  226   12.6   13.0   A   *
* 4448.0  19.7   15   12.5  227   12.6   13.1   A   *
* 4450.0  19.5   17   12.5  226   12.6   13.1   A   *
* 4452.0  19.3   17   12.5  226   12.6   13.1   A   *
* 4454.0  22.6    7   12.6  226   12.6   13.1   A   *
* 4456.0  23.9   10   12.6  227   12.6   13.1   A   *
* 4458.0  20.6   18   12.5  228   12.6   13.1   A   *
* 4460.0  19.6   14   12.5  227   12.6   13.0   C   *
* 4462.0  18.8   16   12.6  227   12.6   13.0   A   *
* 4464.0  18.7   15   12.6  228   12.6   12.9   C   *
* 4466.0  20.9   11   12.5  229   12.6   12.9   C   *
* 4468.0  20.0   12   12.6  229   12.6   12.9   A   *
* 4470.0  18.8   13   12.6  227   12.6   12.9   A   *
* 4472.0  19.8   17   12.7  226   12.6   12.9   A   *
* 4474.0  19.6   18   12.8  226   12.6   12.9   A   *
* 4476.0  19.6   16   12.9  227   12.6   12.9   A   *
* 4478.0  20.0   13   12.9  226   12.6   12.9   A   *
* 4480.0  19.7   13   12.7  225   12.6   12.9   A   *
* 4482.0  19.3   12   12.6  224   12.6   13.0   A   *
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*****
*          *      FORMATION      *          BOREHOLE          *      QUAL.  *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*
*      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *
*      *      *      *      *      *      *      *      *      *      *      *
*****

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DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2-4	BEST =A
4484.0	19.3	11	12.7	223	12.6	13.1	A
4486.0	19.7	13	12.7	224	12.6	13.1	A
4488.0	19.5	15	12.7	226	12.6	13.1	A
4490.0	19.2	16	12.7	227	12.6	13.2	A
4492.0	19.3	16	12.6	227	12.6	13.2	A
4494.0	20.1	16	12.7	226	12.6	13.2	A
4496.0	18.7	15	12.8	224	12.6	13.2	A
4498.0			12.7	225	12.6	13.2	
4500.0	19.5	15	12.7	225	12.6	13.2	C
4502.0	19.5	19	12.8	227	12.6	13.2	A
4504.0	20.0	21	12.7	228	12.6	13.3	A
4506.0	20.6	21	12.7	228	12.6	13.3	C
4508.0	42.7	98	12.7	227	12.6	13.3	D
4510.0	20.0	16	12.8	225	12.6	13.3	A
4512.0	19.6	16	12.8	225	12.6	13.3	A
4514.0	19.3	16	12.7	225	12.6	13.3	A
4516.0	19.9	15	12.7	225	12.6	13.2	A
4518.0	20.6	16	12.8	226	12.6	13.2	A
4520.0	18.8	17	12.8	226	12.6	13.2	A
4522.0	18.6	17	12.7	226	12.6	13.1	A
4524.0	19.8	16	12.7	227	12.6	13.1	A
4526.0	16.0	17	12.7	227	12.6	13.0	A
4528.0	22.9	7	12.8	227	12.6	13.0	A
4530.0	26.4	8	12.8	226	12.6	13.0	A
4532.0	20.7	19	12.7	225	12.6	13.2	A
4534.0	19.6	18	12.8	225	12.6	13.3	A
4536.0	19.7	19	12.8	225	12.6	13.3	A
4538.0	19.4	19	12.8	226	12.6	13.2	A
4540.0	19.1	18	12.8	227	12.6	13.2	A
4542.0	20.1	15	12.9	226	12.6	13.2	A
4544.0			12.9	224	12.6	13.2	
4546.0	22.4	23	12.9	224	12.7	13.2	C
4548.0	18.9	21	12.9	225	12.7	13.2	A
4550.0	18.2	18	12.7	227	12.8	13.2	A
4552.0	18.3	27	12.7	227	12.7	13.2	A
4554.0	18.4	25	12.7	227	12.7	13.2	A
4556.0	17.1	17	12.7	226	12.6	13.1	A
4558.0	17.6	15	12.7	224	12.6	13.1	C
4560.0	17.1	16	12.7	224	12.7	13.2	A

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FORMATION	BOREHOLE						QUAL.
-----INDEX-----							
DEPTH	DIP	DIP AZI.	DEV.	DEV. AZI.	DIAM 1-3	DIAM 2=4	BEST =A
* 4562.0	17.5	23	12.7	226	12.7	13.2	A
* 4564.0	17.7	23	12.8	227	12.7	13.2	A
* 4566.0			12.8	226	12.7	13.2	
* 4568.0	13.7	9	12.7	226	12.7	13.3	C
* 4570.0			12.7	226	12.9	13.3	
* 4572.0			12.7	226	12.9	13.2	
* 4574.0	30.9	4	12.8	225	12.8	13.2	C
* 4576.0	21.5	22	12.7	226	12.7	13.0	A
* 4578.0	21.2	21	12.7	225	12.6	12.9	A
* 4580.0	19.8	14	12.8	227	12.6	12.9	A
* 4582.0	18.3	16	12.8	229	12.7	13.0	A
* 4584.0	20.1	13	12.8	229	12.7	13.1	A
* 4586.0	24.6	19	12.8	227	12.7	13.2	A
* 4588.0	18.4	14	12.9	225	12.6	13.2	A
* 4590.0	19.1	14	12.9	225	12.6	13.2	A
* 4592.0	19.1	12	12.9	226	12.6	13.2	A
* 4594.0	19.3	13	13.0	228	12.6	13.2	A
* 4596.0	18.1	15	13.0	229	12.6	13.2	A
* 4598.0	17.3	13	12.9	227	12.6	13.2	A
* 4600.0	17.6	13	12.9	225	12.7	13.2	A
* 4602.0	17.9	12	13.0	224	12.6	13.2	A
* 4604.0	18.2	12	12.9	225	12.6	13.2	A
* 4606.0	17.8	15	12.9	227	12.6	13.2	A
* 4608.0	18.0	16	13.0	228	12.6	13.2	A
* 4610.0	22.5	9	13.0	229	12.6	13.2	A
* 4612.0	19.2	13	13.0	227	12.6	13.1	A
* 4614.0	19.3	11	13.0	224	12.6	13.0	A
* 4616.0	18.7	13	13.0	224	12.6	13.1	A
* 4618.0	18.0	15	13.0	226	12.6	13.2	A
* 4620.0	17.5	15	13.0	228	12.6	13.2	A
* 4622.0	17.3	18	13.0	229	12.6	13.3	A
* 4624.0	17.8	15	13.0	228	12.6	13.3	A
* 4626.0	17.9	12	13.0	226	12.6	13.3	A
* 4628.0	17.6	13	13.0	226	12.6	13.3	A
* 4630.0	18.8	9	13.1	226	12.6	13.3	A
* 4632.0	18.4	12	13.1	226	12.6	13.3	A
* 4634.0	15.7	19	13.1	226	12.6	13.3	A
* 4636.0	16.0	20	13.1	227	12.6	13.3	A
* 4638.0	17.3	16	13.1	226	12.6	13.3	A

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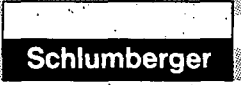
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*****
*          * FORMATION          *          * BOREHOLE          * QUAL., *
*          * -----*-----*          * INDEX *
* DEPTH *  *  DIP    DIP    *  DEV.  DEV.  DIAM.  DIAM  * BEST *
*          *          AZI.  *          AZI.  1-3   2-4  *  =A  *
*****
* 4640.0  16.4    9    13.1  226   12.6  13.3  C    *
* 4642.0  14.0    5    13.1  228   12.6  13.3  C    *
* 4644.0  13.9    8    13.1  227   12.6  13.4  A    *
* 4646.0  14.3   12    13.1  225   12.6  13.4  A    *
* 4648.0  14.5    9    13.1  224   12.6  13.4  A    *
* 4650.0          13.1  224   12.6  13.4
* 4652.0   7.6    6    13.1  226   12.6  13.4  C    *
* 4654.0  11.2    8    13.2  227   12.6  13.4  A    *
* 4656.0  12.3    9    13.2  228   12.6  13.4  A    *
* 4658.0  13.1    7    13.2  227   12.6  13.4  A    *
* 4660.0  14.1    4    13.2  226   12.6  13.4  A    *
* 4662.0  11.5   15    13.2  225   12.6  13.3  A    *
* 4664.0  11.5   17    13.2  225   12.6  13.3  A    *
* 4666.0   9.9   23    13.2  227   12.6  13.3  A    *
* 4668.0  10.3   17    13.2  227   12.6  13.3  A    *
* 4670.0  11.6   26    13.2  226   12.6  13.3  A    *
* 4672.0  11.9   24    13.2  225   12.6  13.2  C    *
* 4674.0  13.4    4    13.2  224   12.6  13.2  A    *
* 4676.0  14.7   18    13.2  224   12.6  13.2  A    *
* 4678.0  12.7   38    13.2  226   12.6  13.1  A    *
* 4680.0  12.3   40    13.2  226   12.6  13.1  A    *
* 4682.0  13.3   36    13.2  225   12.6  13.1  A    *
* 4684.0  13.9   27    13.2  225   12.6  13.2  C    *
* 4686.0  14.3   16    13.2  225   12.6  13.2  A    *
* 4688.0  14.2    9    13.2  226   12.6  13.2  C    *
* 4690.0   7.2   28    13.2  226   12.6  13.2  C    *
* 4692.0  12.2   16    13.2  225   12.6  13.1  A    *
* 4694.0  12.7   28    13.2  224   12.6  13.0  C    *
* 4696.0  13.8   24    13.2  224   12.6  13.1  A    *
* 4698.0  17.2    7    13.3  226   12.6  13.1  A    *
* 4700.0  15.7   10    13.3  227   12.6  13.0  A    *
* 4702.0  15.6   11    13.3  224   12.6  13.0  A    *
* 4704.0  14.7    1    13.3  222   12.6  13.0  A    *
* 4706.0  13.4    8    13.4  224   12.6  13.0  A    *
* 4708.0  17.3    9    13.4  226   12.6  12.9  A    *
* 4710.0  17.1   10    13.4  227   12.6  12.9  A    *
* 4712.0  17.9   13    13.4  226   12.6  13.0  A    *
* 4714.0  17.4   13    13.5  224   12.6  13.0  A    *
* 4716.0  18.6    9    13.6  223   12.6  13.0  A
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*          *   FORMATION   *           BOREHOLE           * QUAL., *
*          *-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   * BEST *
*          *       AZI. *       AZI.   1-3   2=4   * =A   *
*****
* 4718.0  19.2   10   * 13.6   224   12.6   13.0   *  A   *
* 4720.0  20.0    8   * 13.5   225   12.6   12.9   *  A   *
* 4722.0  18.2   10   * 13.5   226   12.6   12.9   *  C   *
* 4724.0  15.9   15   * 13.5   225   12.6   13.0   *  A   *
* 4726.0  15.7   14   * 13.4   224   12.6   13.0   *  A   *
* 4728.0  15.5   14   * 13.4   224   12.6   13.0   *  A   *
* 4730.0  15.7   18   * 13.5   225   12.6   13.0   *  A   *
* 4732.0  17.8   17   * 13.5   227   12.6   12.9   *  A   *
* 4734.0  16.0   19   * 13.5   227   12.6   12.9   *  A   *
* 4736.0  13.3   14   * 13.4   228   12.6   12.9   *  A   *
* 4738.0  14.3   12   * 13.5   227   12.6   12.9   *  A   *
* 4740.0  15.5    9   * 13.5   226   12.6   12.9   *  A   *
* 4742.0  16.0    9   * 13.5   224   12.6   12.9   *  A   *
* 4744.0  16.2   11   * 13.5   223   12.6   12.9   *  A   *
* 4746.0  16.6   12   * 13.5   223   12.6   12.9   *  B   *
* 4748.0          * 13.5   224   12.6   12.9   *     *
* 4750.0          * 13.5   226   12.7   12.9   *     *
* 4752.0          * 13.5   226   12.6   12.9   *     *
* 4754.0          * 13.5   225   12.6   12.9   *     *
* 4756.0  11.6   25   * 13.5   223   12.7   12.9   *  D   *
* 4758.0  14.6   13   * 13.5   224   12.7   12.9   *  B   *
* 4760.0  16.2   20   * 13.5   225   12.7   12.8   *  B   *
* 4762.0  10.3   38   * 13.6   224   12.6   12.8   *  B   *
* 4764.0  16.2   22   * 13.6   222   12.6   12.8   *  D   *
* 4766.0  14.6   30   * 13.6   223   12.6   12.8   *  B   *
* 4768.0  17.7   19   * 13.7   225   12.6   12.8   *  D   *
* 4770.0          * 13.7   226   12.6   12.7   *     *
* 4772.0          * 13.7   224   12.6   12.7   *     *
* 4774.0          * 13.8   224   12.6   12.7   *     *
* 4776.0  15.2   43   * 13.9   226   12.6   12.7   *  D   *
* 4778.0          * 13.9   226   12.6   12.7   *     *
* 4780.0          * 13.9   224   12.6   12.8   *     *
* 4782.0          * 13.7   224   12.6   13.0   *     *
* 4784.0          * 13.7   226   12.6   13.3   *     *
* 4786.0   8.5   41   * 13.7   228   13.1   14.2   *  B   *
* 4788.0   9.8   51   * 13.7   227   13.5   14.9   *  B   *
* 4790.0   9.9   40   * 13.7   223   13.2   14.6   *  D   *
* 4792.0  12.7   11   * 13.7   225   14.7   15.8   *  D   *
* 4794.0          * 13.7   228   14.7   15.5   *     *
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*****
*          * FORMATION *          * BOREHOLE *          * QUAL. *
*          * ----- *          * ----- *          * INDEX *
* DEPTH *  * DIP  *  * DIP  *  * DEV. *  * DEV. *  * DIAM *  * DIAM *  * BEST *
*          *          *  * AZI. *  *          *  * AZI. *  * 1-3 *  * 2-4 *  * =A *
*****
* 4796.0 *          *          *          * 13.7 *  * 225 *  * 12.6 *  * 13.6 *  *
* 4798.0 *          *          *          * 13.7 *  * 222 *  * 12.6 *  * 13.7 *  *
* 4800.0 *          *          *          * 13.7 *  * 221 *  * 13.5 *  * 15.6 *  *
* 4802.0 *          *          *          * 13.7 *  * 223 *  * 14.1 *  * 17.3 *  *
* 4804.0 *          *          *          * 13.7 *  * 224 *  * 14.2 *  * 17.5 *  *
* 4806.0 *          *          *          * 13.7 *  * 225 *  * 14.4 *  * 17.6 *  *
* 4808.0 *          *          *          * 13.7 *  * 224 *  * 14.1 *  * 17.3 *  *
* 4810.0 *          *          *          * 13.7 *  * 221 *  * 13.2 *  * 16.1 *  *
* 4812.0 *          *          *          * 13.7 *  * 222 *  * 12.6 *  * 15.9 *  *
* 4814.0 *          *          *          * 13.7 *  * 224 *  * 12.4 *  * 16.5 *  *
* 4816.0 * 36.1 * 24 * 13.7 *  * 220 *  * 12.3 *  * 16.1 *  * D *
* 4818.0 * 37.5 * 31 * 13.7 *  * 218 *  * 12.6 *  * 15.6 *  * D *
* 4820.0 *          *          *          * 13.8 *  * 219 *  * 13.0 *  * 16.3 *  *
* 4822.0 *          *          *          * 13.8 *  * 217 *  * 15.3 *  * 16.8 *  *
* 4824.0 *          *          *          * 13.8 *  * 219 *  * 16.3 *  * 16.5 *  *
* 4826.0 *          *          *          * 13.8 *  * 221 *  * 14.1 *  * 16.2 *  *
* 4828.0 *          *          *          * 13.8 *  * 221 *  * 14.4 *  * 16.8 *  *
* 4830.0 *          *          *          * 13.8 *  * 225 *  * 15.0 *  * 16.9 *  *
* 4832.0 *          *          *          * 13.8 *  * 222 *  * 14.4 *  * 16.2 *  *
* 4834.0 *          *          *          * 13.8 *  * 220 *  * 15.5 *  * 15.8 *  *
* 4836.0 *          *          *          * 13.8 *  * 221 *  * 16.1 *  * 17.0 *  *
* 4838.0 *          *          *          * 13.8 *  * 221 *  * 16.8 *  * 17.4 *  *
* 4840.0 * 42.7 * 79 * 13.8 *  * 220 *  * 17.9 *  * 16.5 *  * D *
* 4842.0 * 43.1 * 77 * 13.8 *  * 221 *  * 17.9 *  * 15.8 *  * D *
* 4844.0 *          *          *          * 13.8 *  * 223 *  * 17.8 *  * 16.6 *  *
* 4846.0 *          *          *          * 13.8 *  * 223 *  * 17.6 *  * 18.0 *  *
* 4848.0 *          *          *          * 13.8 *  * 219 *  * 17.7 *  * 18.0 *  *
* 4850.0 *          *          *          * 13.8 *  * 215 *  * 17.4 *  * 17.9 *  *
* 4852.0 * 14.4 * 34 * 13.8 *  * 219 *  * 17.4 *  * 16.4 *  * D *
* 4854.0 * 14.6 * 49 * 13.8 *  * 222 *  * 17.4 *  * 14.3 *  * D *
* 4856.0 *          *          *          * 13.8 *  * 218 *  * 16.8 *  * 13.6 *  *
* 4858.0 *          *          *          * 13.8 *  * 222 *  * 16.8 *  * 13.4 *  *
* 4860.0 *          *          *          * 13.8 *  * 223 *  * 16.9 *  * 14.1 *  *
* 4862.0 * 16.5 * 23 * 13.8 *  * 219 *  * 17.5 *  * 15.7 *  * D *
* 4864.0 *          *          *          * 13.8 *  * 220 *  * 18.0 *  * 15.6 *  *
* 4866.0 * 20.7 * 43 * 13.8 *  * 219 *  * 17.1 *  * 13.9 *  * D *
* 4868.0 * 28.6 * 36 * 13.8 *  * 219 *  * 15.9 *  * 13.5 *  * D *
* 4870.0 *          *          *          * 13.8 *  * 221 *  * 15.0 *  * 13.3 *  *
* 4872.0 *          *          *          * 13.8 *  * 222 *  * 14.5 *  * 13.1 *  *
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*****
*          * FORMATION *          * BOREHOLE *          * QUAL., *
*          * ----- *          * ----- *          * INDEX *
* DEPTH *  * DIP   *  * DIP *  * DEV.  *  * DEV.  *  * DIAM  *  * DIAM *  * BEST *
*          *          *  * AZI. *  *          *  * AZI.  *  * 1-3  *  * 2-4  *  * =A  *
*****
* 4674.0  * 24.5  * 30  * 13.8  * 222  * 13.7  * 13.0  * D  *
* 4876.0  * 24.9  * 35  * 13.8  * 218  * 13.2  * 13.0  * D  *
* 4878.0  * 23.6  * 22  * 13.8  * 216  * 13.3  * 13.3  * B  *
* 4880.0  *          *          * 13.8  * 217  * 13.3  * 13.3  *          *
* 4882.0  * 17.6  * 63  * 13.8  * 219  * 13.2  * 13.1  * A  *
* 4884.0  * 15.8  * 55  * 13.8  * 220  * 13.2  * 13.0  * A  *
* 4886.0  * 19.6  * 62  * 13.8  * 221  * 12.9  * 12.9  * A  *
* 4888.0  * 19.2  * 60  * 13.8  * 221  * 12.9  * 12.9  * A  *
* 4890.0  * 20.4  * 82  * 13.8  * 221  * 13.7  * 13.4  * C  *
* 4892.0  *          *          * 13.8  * 221  * 14.3  * 13.5  *          *
* 4894.0  * 21.8  * 31  * 13.8  * 219  * 14.0  * 13.1  * C  *
* 4896.0  *          *          * 13.9  * 222  * 13.5  * 12.7  *          *
* 4898.0  * 24.2  * 66  * 13.9  * 225  * 13.3  * 12.6  * C  *
* 4900.0  * 15.3  * 48  * 13.9  * 226  * 13.2  * 12.5  * A  *
* 4902.0  * 14.0  * 28  * 13.9  * 225  * 12.9  * 11.7  * A  *
* 4904.0  *          *          * 13.9  * 225  * 12.8  * 11.8  *          *
* 4906.0  * 15.0  * 39  * 13.9  * 223  * 13.0  * 12.8  * A  *
* 4908.0  * 15.0  * 36  * 13.9  * 220  * 13.1  * 12.7  * A  *
* 4910.0  * 18.8  * 30  * 13.9  * 221  * 13.2  * 12.5  * C  *
* 4912.0  * 19.5  * 39  * 13.9  * 223  * 13.2  * 12.6  * C  *
* 4914.0  * 27.6  * 43  * 13.9  * 225  * 13.1  * 12.7  * C  *
* 4916.0  *          *          * 13.9  * 225  * 13.0  * 12.6  *          *
* 4918.0  * 19.1  * 41  * 13.9  * 224  * 13.2  * 12.5  * C  *
* 4920.0  * 20.2  * 25  * 13.9  * 222  * 13.3  * 12.7  * D  *
* 4922.0  * 18.8  * 35  * 13.9  * 224  * 13.1  * 12.8  * D  *
* 4924.0  *          *          * 13.9  * 226  * 13.0  * 12.7  *          *
* 4926.0  * 22.5  * 47  * 13.9  * 226  * 12.9  * 12.8  * D  *
* 4928.0  *          *          * 13.9  * 225  * 13.0  * 13.0  *          *
* 4930.0  *          *          * 13.9  * 223  * 13.1  * 13.2  *          *
* 4932.0  *          *          * 13.9  * 222  * 13.2  * 13.2  *          *
* 4934.0  *          *          * 13.9  * 222  * 13.6  * 13.4  *          *
* 4936.0  *          *          * 13.9  * 224  * 14.4  * 14.4  *          *
* 4938.0  *          *          * 13.9  * 225  * 14.1  * 14.5  *          *
* 4940.0  * 22.8  * 40  * 13.9  * 225  * 13.5  * 13.9  * D  *
* 4942.0  * 25.0  * 25  * 13.9  * 224  * 13.9  * 14.1  * D  *
* 4944.0  *          *          * 13.9  * 222  * 14.1  * 13.8  *          *
* 4946.0  *          *          * 13.9  * 223  * 14.2  * 13.5  *          *
* 4948.0  *          *          * 13.9  * 224  * 14.9  * 14.3  *          *
* 4950.0  * 19.2  * 42  * 13.9  * 225  * 15.3  * 15.0  * D  *
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*          * FORMATION *          * BOREHOLE *          * QUAL., *
*          *-----*          *-----*          * INDEX *
* DEPTH *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*          *   *   AZI. *   *   *   *   *   *   *   *   *
*****
* 4952.0  30.5   17    13.9   225    14.6   14.3   D   *
* 4954.0  19.0   76    13.9   224    13.9   13.4   D   *
* 4956.0  21.2   45    13.9   224    14.1   13.6   B   *
* 4958.0  23.7   52    13.9   225    14.9   14.4   D   *
* 4960.0  58.9  135    13.9   225    15.4   14.9   B   *
* 4962.0          13.9   226    15.4   15.3          *
* 4964.0          13.9   230    15.4   16.0          *
* 4966.0          13.9   228    16.4   16.6          *
* 4968.0          13.9   227    17.6   16.4          *
* 4970.0          13.9   227    17.9   15.3          *
* 4972.0          13.9   223    17.6   14.8          *
* 4974.0          14.0   223    17.4   15.4          *
* 4976.0          14.0   223    16.5   15.6          *
* 4978.0          14.0   221    15.5   15.1          *
* 4980.0          14.0   220    15.5   14.5          *
* 4982.0          14.0   222    15.2   14.4          *
* 4984.0          14.0   221    15.0   14.6          *
* 4986.0          14.0   222    15.6   14.5          *
* 4988.0          14.0   226    15.4   14.3          *
* 4990.0          14.0   226    14.5   14.1          *
* 4992.0          14.0   223    13.9   13.5          *
* 4994.0          14.0   224    13.2   13.1          *
* 4996.0          14.0   227    13.2   13.0          *
* 4998.0          14.0   228    13.2   12.8          *
* 5000.0          14.0   228    13.1   12.7          *
* 5002.0          14.0   227    13.1   12.6          *
* 5004.0          14.0   225    13.1   12.6          *
* 5006.0  24.1   357    14.0   224    13.1   12.6   B   *
* 5008.0  23.9   354    14.0   225    13.0   12.5   B   *
* 5010.0          14.0   224    13.3   12.7          *
* 5012.0          14.0   225    14.6   13.6          *
* 5014.0          13.5   228    15.5   14.6          *
* 5016.0          13.2   229    14.2   14.1          *
* 5018.0          13.2   228    13.2   13.2          *
* 5020.0  21.2   17    13.1   230    13.1   13.3   D   *
* 5022.0  25.2   36    13.1   231    13.0   13.3   D   *
* 5024.0  25.0   30    13.2   231    13.0   13.2   D   *
* 5026.0  21.6   16    13.3   230    12.9   12.9   D   *
* 5028.0  21.6   37    13.3   230    12.7   12.7   D   *
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*          * FORMATION *          * BOREHOLE *          * QUAL., *
*          *-----*          *-----*          * INDEX *
* DEPTH *  * DIP  *  * DIP  *  * DEV. *  * DEV. *  * DIAM *  * DIAM *  * BEST *
*          *          *  * AZI. *  *          *  * AZI. *  * 1-3 *  * 2-4 *  * =A *
*****
* 5030.0  16.2   34   13.4  232   12.7   12.6   B *
* 5032.0  24.2   38   13.5  232   13.0   12.8   D *
* 5034.0           13.5  231   13.0   12.9   *
* 5036.0           13.5  230   12.7   12.8   *
* 5038.0           13.5  228   12.8   12.7   *
* 5040.0  19.8   49   13.5  226   12.9   12.7   B *
* 5042.0  19.6   51   13.5  228   12.8   12.8   B *
* 5044.0  12.7   60   13.4  230   12.8   12.8   D *
* 5046.0           13.5  231   12.8   12.8   *
* 5048.0           13.6  230   13.0   12.9   *
* 5050.0           13.8  229   13.1   12.9   *
* 5052.0           13.8  230   13.3   12.9   *
* 5054.0           13.7  232   14.0   13.2   *
* 5056.0           13.9  232   13.8   13.7   *
* 5058.0           13.9  234   13.1   14.4   *
* 5060.0           13.9  233   12.9   14.0   *
* 5062.0           14.0  231   12.9   13.0   *
* 5064.0  18.2   25   14.0  232   12.8   12.8   D *
* 5066.0           14.0  235   12.9   12.9   *
* 5068.0           14.0  235   13.1   13.0   *
* 5070.0           13.9  232   13.2   12.9   *
* 5072.0           13.9  231   12.9   12.7   *
* 5074.0  14.2   23   13.9  232   12.6   12.6   B *
* 5076.0  18.0   32   13.9  233   12.7   12.7   D *
* 5078.0           13.9  231   12.7   12.7   *
* 5080.0  28.2   23   13.9  229   13.2   13.0   D *
* 5082.0           13.9  231   13.7   13.4   *
* 5084.0           13.9  233   13.8   13.5   *
* 5086.0           13.9  232   13.6   13.5   *
* 5088.0  22.8   36   13.9  233   13.4   13.3   D *
* 5090.0  21.4   40   14.0  234   13.2   12.8   B *
* 5092.0  18.5   49   14.0  234   13.1   12.7   B *
* 5094.0  21.1   45   14.0  234   13.0   12.7   B *
* 5096.0           14.0  233   12.9   12.7   *
* 5098.0  21.8   44   14.1  233   12.9   12.6   D *
* 5100.0  27.2   33   14.1  235   12.9   12.8   A *
* 5102.0  27.2   41   14.1  234   12.9   13.0   C *
* 5104.0  25.5   31   14.0  233   13.0   13.0   C *
* 5106.0  32.5   49   14.0  235   12.8   12.8   A *
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*          *   FORMATION          *           BOREHOLE           * QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *   DIP    DIP    *   DEV.   DEV.   DIAM    DIAM  * BEST  *
*          *         AZI.  *         AZI.   1-3    2-4  *  =A   *
*****
* 5108.0  32.6    46     *  14.0   235    12.8    12.7    A   *
* 5110.0  31.0    46     *  14.0   232    12.9    12.8    A   *
* 5112.0  28.9    53     *  14.0   233    13.1    13.0    A   *
* 5114.0          *  14.0   235    13.1    13.2          *
* 5116.0  43.9    43     *  14.0   233    13.1    13.2    C   *
* 5118.0          *  14.0   232    13.3    13.2          *
* 5120.0          *  14.0   232    13.4    13.3          *
* 5122.0          *  14.0   232    13.5    13.2          *
* 5124.0          *  14.0   231    13.7    13.2          *
* 5126.0          *  14.0   231    13.6    13.1          *
* 5128.0          *  14.0   232    13.5    13.0          *
* 5130.0          *  14.1   233    13.4    12.9          *
* 5132.0          *  14.0   233    13.5    13.0          *
* 5134.0          *  14.0   232    13.6    13.0          *
* 5136.0          *  14.0   230    13.2    12.9          *
* 5138.0  12.8    328    *  14.0   233    13.0    12.9    B   *
* 5140.0  10.1    358    *  14.0   233    13.2    13.0    D   *
* 5142.0   9.7     30     *  14.0   231    13.2    13.0    B   *
* 5144.0          *  14.0   232    12.9    12.7          *
* 5146.0          *  14.0   233    12.6    12.6          *
* 5148.0          *  14.0   231    12.6    12.6          *
* 5150.0          *  14.0   232    12.6    12.7          *
* 5152.0          *  14.0   233    12.6    12.8          *
* 5154.0          *  14.0   233    12.6    12.9          *
* 5156.0          *  14.0   233    12.6    12.8          *
* 5158.0          *  14.0   235    12.6    12.7          *
* 5160.0          *  14.0   234    12.7    12.6          *
* 5162.0          *  14.0   233    12.7    12.6          *
* 5164.0          *  14.0   233    12.7    12.6          *
* 5166.0          *  14.0   233    12.9    12.8          *
* 5168.0          *  14.0   231    13.2    13.2          *
* 5170.0          *  14.0   232    13.5    13.7          *
* 5172.0          *  14.0   234    13.6    13.6          *
* 5174.0          *  14.0   233    14.8    13.4          *
* 5176.0          *  14.0   234    14.8    13.8          *
* 5178.0          *  14.0   234    13.3    15.3          *
* 5180.0          *  14.0   231    12.4    15.8          *
* 5182.0          *  14.0   232    12.3    15.2          *
* 5184.0          *  14.0   234    13.0    15.8          *
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*          *      FORMATION          *      BOREHOLE          *      QUAL., *
*          *-----*-----*-----*-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *  DIP    DIP    *  DEV.    DEV.    DIAM    DIAM  * BEST  *
*          *      AZI.  *      AZI.    1-3    2-4  *  =A   *
*****
* 5186.0  35.0    9      14.0    234    12.8    14.4    D    *
* 5188.0  63.4   133     14.0    236    12.4    13.4    D    *
* 5190.0  62.8   133     14.0    237    13.4    16.0    B    *
* 5192.0          14.0    239    13.4    16.1          *
* 5194.0  25.0   17      14.0    239    12.5    13.6    D    *
* 5196.0  27.1   11      14.0    236    12.4    12.5    D    *
* 5198.0          14.0    236    12.4    12.5          *
* 5200.0          14.0    239    12.5    12.4          *
* 5202.0          14.0    239    12.5    12.4          *
* 5204.0  45.1   34      14.0    236    12.4    12.5    D    *
* 5206.0  38.3   34      14.0    236    12.4    12.5    D    *
* 5208.0          14.0    237    12.4    12.6          *
* 5210.0          14.0    237    12.4    12.6          *
* 5212.0          14.0    237    12.4    12.6          *
* 5214.0          14.0    237    12.4    12.5          *
* 5216.0          14.0    236    12.4    12.5          *
* 5218.0          14.0    237    12.4    12.5          *
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*          * FORMATION *          BOREHOLE * QUAL. *
*          *-----*          *-----* * INDEX *
* DEPTH *  DIP   DIP   *  DEV.   DEV.   DIAM   DIAM * BEST *
*          *     AZI. *     AZI.   1-3   2-4 *  =A *
*****
* 1753.0  28.1   171   *   4.9   287   12.9  12.9   D *
* 1755.0  30.0   169   *   5.0   285   12.9  12.9   B *
* 1757.0          *   5.0   285   12.9  12.9   *
* 1759.0          *   5.1   285   12.9  12.9   *
* 1761.0  27.9   158   *   5.1   283   12.9  12.9   D *
* 1763.0  28.7   157   *   5.1   283   12.9  12.9   D *
* 1765.0  16.7   196   *   5.1   286   12.9  12.9   D *
* 1767.0  16.7   195   *   5.2   287   12.9  12.9   D *
* 1769.0          *   5.2   285   12.9  12.8   *
* 1771.0          *   5.2   285   12.9  12.8   *
* 1773.0          *   5.1   286   12.9  12.8   *
* 1775.0  51.6   235   *   5.2   284   12.9  12.8   B *
* 1777.0          *   5.2   286   12.9  12.9   *
* 1779.0          *   5.2   286   12.9  12.9   *
* 1781.0          *   5.2   284   12.9  12.9   *
* 1783.0  24.7   119   *   5.2   284   12.9  12.9   D *
* 1785.0  24.6   119   *   5.2   285   12.9  12.9   D *
* 1787.0          *   5.2   284   12.9  12.9   *
* 1789.0  40.8   110   *   5.2   284   12.9  12.9   D *
* 1791.0  42.1   109   *   5.2   286   12.9  12.9   D *
* 1793.0          *   5.2   284   12.9  12.9   *
* 1795.0          *   5.2   283   12.9  12.9   *
* 1797.0  11.9   109   *   5.2   284   12.9  12.9   B *
* 1799.0          *   5.2   283   12.9  12.9   *
* 1801.0          *   5.2   283   12.9  12.9   *
* 1803.0          *   5.2   286   12.9  12.9   *
* 1805.0          *   5.2   282   12.9  13.0   *
* 1807.0          *   5.2   281   12.9  13.0   *
* 1809.0          *   5.2   284   12.9  12.9   *
* 1811.0          *   5.2   284   13.0  12.9   *
* 1813.0  39.8   152   *   5.2   283   12.9  12.9   D *
* 1815.0  46.5   154   *   5.2   285   12.9  12.9   B *
* 1817.0  45.4   155   *   5.2   284   12.9  12.9   B *
* 1819.0          *   5.2   284   12.9  12.9   *
* 1821.0          *   5.2   286   13.0  12.9   *
* 1823.0          *   5.2   285   13.0  13.0   *
* 1825.0          *   5.2   285   13.0  13.0   *
* 1827.0          *   5.2   286   12.9  12.9   *
* 1829.0          *   5.2   285   12.9  12.9   *
* 1831.0          *   5.2   285   12.9  12.9   *
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*          *   FORMATION   *           BOREHOLE           * QUAL. *
*          *-----*-----*-----*-----*-----*-----* INDEX *
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*          *     AZI. *     AZI.   1-3   2-4 * =A *
*****
* 1833.0          *     *     * 5.2   286   12.9   12.9 *
* 1835.0          *     *     * 5.2   284   12.9   12.9 *
* 1837.0          *     *     * 5.2   284   12.9   12.9 *
* 1839.0          *     *     * 5.2   286   12.9   12.9 *
* 1841.0          *     *     * 5.2   285   12.9   12.9 *
* 1843.0          *     *     * 5.3   283   12.9   13.0 *
* 1845.0          *     *     * 5.3   286   13.0   13.0 *
* 1847.0          *     *     * 5.2   286   13.0   13.0 *
* 1849.0          *     *     * 5.2   285   13.0   13.1 *
* 1851.0          *     *     * 5.3   285   13.1   13.1 *
* 1853.0          *     *     * 5.3   287   13.0   13.1 *
* 1855.0          *     *     * 5.2   285   13.0   13.0 *
* 1857.0  74.4    211 *     *     * 5.2   284   12.9   12.9 * D *
* 1859.0          *     *     * 5.2   286   12.9   12.9 *
* 1861.0          *     *     * 5.3   285   12.9   13.0 *
* 1863.0          *     *     * 5.3   285   12.9   13.0 *
* 1865.0          *     *     * 5.3   287   12.9   12.9 *
* 1867.0          *     *     * 5.2   287   12.9   13.0 *
* 1869.0          *     *     * 5.2   286   12.9   13.0 *
* 1871.0          *     *     * 5.2   287   12.9   13.0 *
* 1873.0          *     *     * 5.2   286   12.9   13.0 *
* 1875.0          *     *     * 5.2   285   12.9   12.9 *
* 1877.0          *     *     * 5.2   287   12.9   12.9 *
* 1879.0          *     *     * 5.3   287   12.9   12.9 *
* 1881.0          *     *     * 5.3   285   12.9   13.0 *
* 1883.0          *     *     * 5.3   286   12.9   13.0 *
* 1885.0          *     *     * 5.3   287   12.9   13.0 *
* 1887.0          *     *     * 5.2   285   12.9   13.0 *
* 1889.0          *     *     * 5.2   286   12.9   13.0 *
* 1891.0          *     *     * 5.3   287   12.9   13.0 *
* 1893.0          *     *     * 5.3   286   12.9   13.0 *
* 1895.0          *     *     * 5.3   285   12.9   13.1 *
* 1897.0          *     *     * 5.3   287   12.9   13.1 *
* 1899.0  54.3    32 *     *     * 5.3   287   12.9   13.1 * D *
* 1901.0  52.9    32 *     *     * 5.3   285   12.9   13.0 * D *
* 1903.0          *     *     * 5.3   287   12.9   13.0 *
* 1905.0  52.1    32 *     *     * 5.3   287   12.9   13.0 * D *
* 1907.0          *     *     * 5.4   286   12.9   13.0 *
* 1909.0          *     *     * 5.3   288   12.9   13.0 *
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*          *   FORMATION   *           BOREHOLE           * QUAL. *
*          *-----*-----*-----*-----*-----*-----*-----*
* DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM * BEST *
*          *   AZI. *   AZI.   1-3   2-4 * =A *
*****
* 1911.0 *           *           * 5.4   287   12.9   12.9 *
* 1913.0 *           *           * 5.4   286   12.9   12.9 *
* 1915.0 *           *           * 5.3   287   12.9   13.0 *
* 1917.0 *           *           * 5.4   286   13.0   13.0 *
* 1919.0 *           *           * 5.4   285   12.9   13.0 *
* 1921.0 *           *           * 5.4   287   12.9   13.0 *
* 1923.0 *           *           * 5.4   287   12.9   12.9 *
* 1925.0 *           *           * 5.4   285   12.9   13.0 *
* 1927.0 *           *           * 5.4   288   12.9   13.0 *
* 1929.0 *           *           * 5.4   287   12.9   13.0 *
* 1931.0 *           *           * 5.5   286   12.9   13.0 *
* 1933.0 *           *           * 5.5   288   12.9   12.9 *
* 1935.0 *           *           * 5.5   289   12.9   12.9 *
* 1937.0 *           *           * 5.5   285   12.9   12.9 *
* 1939.0 *           *           * 5.5   285   12.9   12.9 *
* 1941.0 *           *           * 5.4   288   12.9   12.9 *
* 1943.0 *           *           * 5.5   288   12.9   12.9 *
* 1945.0 *           *           * 5.5   286   12.9   12.9 *
* 1947.0 *           *           * 5.5   287   12.9   12.9 *
* 1949.0 *           *           * 5.5   287   12.9   12.9 *
* 1951.0 *           *           * 5.5   287   12.9   12.9 *
* 1953.0 *           *           * 5.5   289   12.9   12.9 *
* 1955.0 *           *           * 5.4   287   12.9   13.0 *
* 1957.0 *           *           * 5.5   288   12.9   13.0 *
* 1959.0 *           *           * 5.5   288   12.9   12.9 *
* 1961.0 *           *           * 5.5   286   12.9   13.0 *
* 1963.0 *           *           * 5.6   288   12.9   12.9 *
* 1965.0 *           *           * 5.7   289   12.9   12.9 *
* 1967.0 * 29.8   137   * 5.8   286   12.9   12.9 * B
* 1969.0 *           *           * 5.8   286   12.9   12.9 *
* 1971.0 *           *           * 5.7   289   12.9   12.9 *
* 1973.0 *           *           * 5.5   290   12.9   13.0 *
* 1975.0 *           *           * 5.5   289   12.9   13.0 *
* 1977.0 *           *           * 5.5   289   12.9   12.9 *
* 1979.0 *           *           * 5.6   288   12.9   12.9 *
* 1981.0 *           *           * 5.6   286   12.8   12.9 *
* 1983.0 *           *           * 5.5   286   12.7   12.9 *
* 1985.0 *           *           * 5.6   288   12.7   12.9 *
* 1987.0 *           *           * 5.6   287   12.7   12.9 *
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*****
*          * FORMATION          *          * BOREHOLE          * QUAL., *
*          * -----          *          * -----          * INDEX  *
* DEPTH   *   DIP   *   DIP   *   DEV.   *   DEV.   *   DIAM   *   DIAM   *   BEST   *
*          *          *   AZI.   *          *   AZI.   *   1-3   *   2-4   *   =A     *
*****
* 1989.0   *          *          *   5.6   *   287   *   12.7   *   12.9   *          *
* 1991.0   *          *          *   5.6   *   287   *   12.7   *   12.9   *          *
* 1993.0   *          *          *   5.6   *   287   *   12.7   *   12.9   *          *
* 1995.0   *          *          *   5.6   *   288   *   12.8   *   12.8   *          *
* 1997.0   *          *          *   5.6   *   287   *   12.8   *   12.8   *          *
* 1999.0   *          *          *   5.6   *   287   *   12.8   *   12.8   *          *
* 2001.0   *          *          *   5.6   *   289   *   12.8   *   12.8   *          *
* 2003.0   *          *          *   5.6   *   289   *   12.8   *   12.8   *          *
* 2005.0   *          *          *   5.6   *   287   *   12.9   *   12.8   *          *
* 2007.0   *          *          *   5.6   *   287   *   12.8   *   12.8   *          *
* 2009.0   *          *          *   5.7   *   289   *   12.8   *   12.8   *          *
* 2011.0   *          *          *   5.7   *   287   *   12.8   *   12.8   *          *
*****
    
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*****
*          * FORMATION *          BOREHOLE * QUAL. *
*          *-----*          *-----* * INDEX *
* DEPTH *  DIP   DIP   *  DEV.   DEV.   DIAM   DIAM * BEST *
*          *     AZI. *     AZI.   1-3   2-4 *  =A *
*****
* 2242.0 * 41.5   260   * 6.0    286   12.9   12.9 *  D  *
* 2244.0 *          * 6.0    285   12.9   12.9 *    *
* 2246.0 * 42.8   257   * 6.1    286   13.0   13.0 *  D  *
* 2248.0 *          * 6.1    286   13.0   13.0 *    *
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*****
*          *   FORMATION          *   BOREHOLE          *   QUAL., *
*          *-----*-----*-----*   INDEX   *
*   DEPTH  *   DIP   DIP   *   DEV.   DEV.   DIAM   DIAM   *   BEST   *
*          *          AZI. *          AZI.   1-3   2-4   *   =A   *
*****
*   3852.0  17.6   3     10.7   225    12.9   12.6   A   *
*   3854.0  17.2   4     10.8   227    12.9   12.6   A   *
*   3856.0  17.2   3     10.8   227    13.0   12.6   A   *
*   3858.0  16.3  356    10.8   227    13.0   12.6   A   *
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