Century WIRELINE SERVICES

DIPMETER ANALYSIS

DHGH-14-09

OTHER SERVICES:
DENSITY
SONIC
NEUTRON

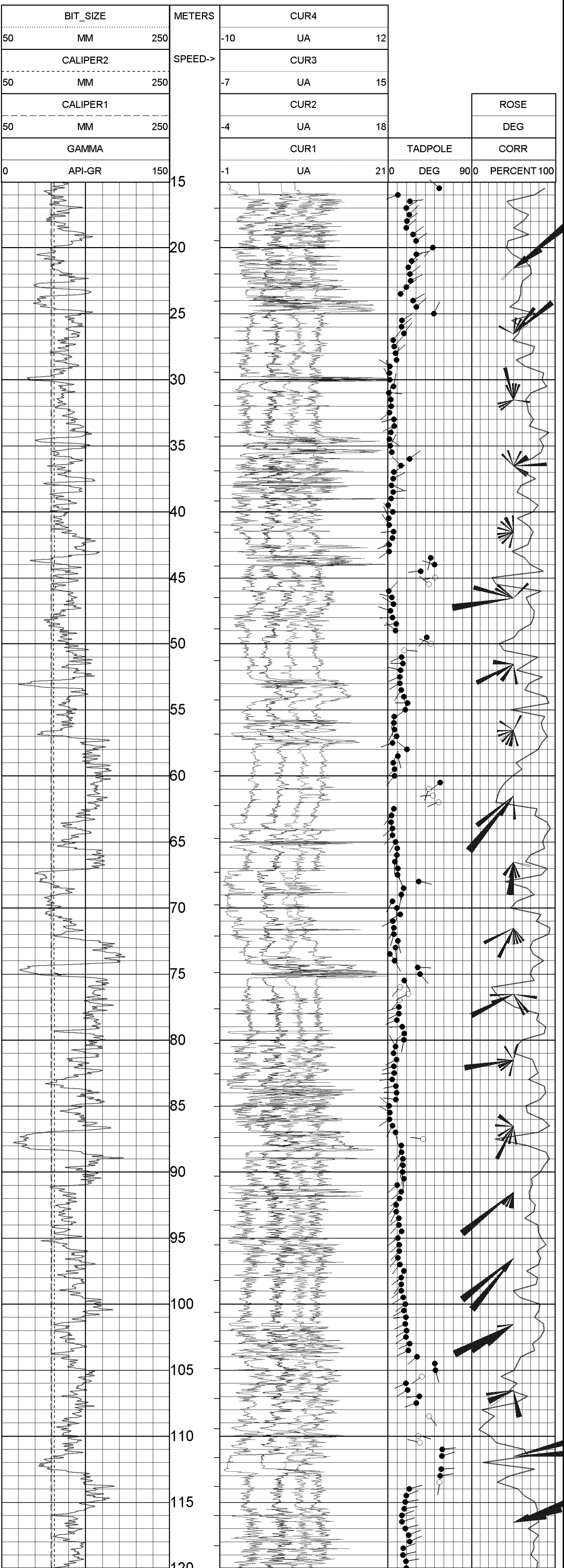
COMPANY	ATRUM COAL		
WELL	DHGH-14-09		
FIELD	GROUNDHOG		
COUNTRY	CANADA		
PROVINCE	BRITISH COLUMBIA		
LSD	GROUNDHOG		
SECTION	N/A		
TOWNSHIP	N/A		
RANGE	N/A		
LICENSE NO.	N/A		
UNIQUE WELL ID.	N/A		
PERMANENT DATUM	GL	ELEVATION KB	N/A
LOG MEASURED FROM GL		ELEVATION DF	N/A
DRL MEASURED FROM GL		ELEVATION GL	N/A
DATE	06/09/14	RIG NUMBER	2
DEPTH DRILLER	289.25	LOGGER TD	288.32
BIT SIZE	9.7	ARRIVAL TIME	15:00
LOG TOP	8.47	DEPARTURE TIME	8:00
LOG BOTTOM	227.00	CIRC STOPPED	N/A
CASING LOGGER	10.36		
CASING DRILLER	10.36		
CASING TYPE	STEEL		
BOREHOLE FLUID	WATER		
RM TEMPERATURE	N/A		
MUD RES	N/A		
MUD WEIGHT	1.00		
WITNESSED BY	N/A		
RECORDED BY	T. NEAL		
REMARKS 1	VERTICAL		
REMARKS 2	:		

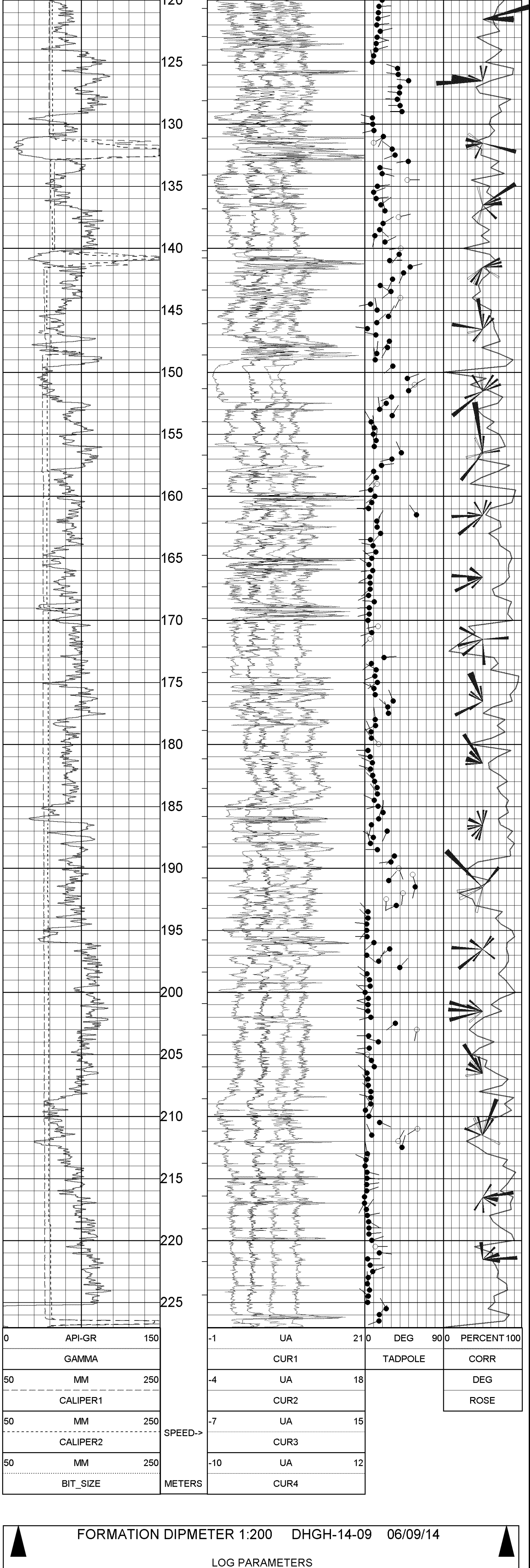
ALL SERVICES PROVIDED SUBJECT TO STANDARD TERMS AND CONDITIONS

FORMATION DIPMETER 1:200 DHGH-14-09 06/09/14

LOG PARAMETERS

MATRIX DENSITY : 2.65
NEUTRON MATRIX : SANDSTONE
MATRIX DELTA T : 177
MAGNETIC DECL : 19.5
ELECT. CUTOFF : 75000
BIT SIZE : 9.7
PRESENTATION NAME/DATE = Atrum_9411-2.0 06/05/2014
VERSION = 3.64KX





FORMATION DIPMETER 1:200 DHGH-14-09 06/09/14

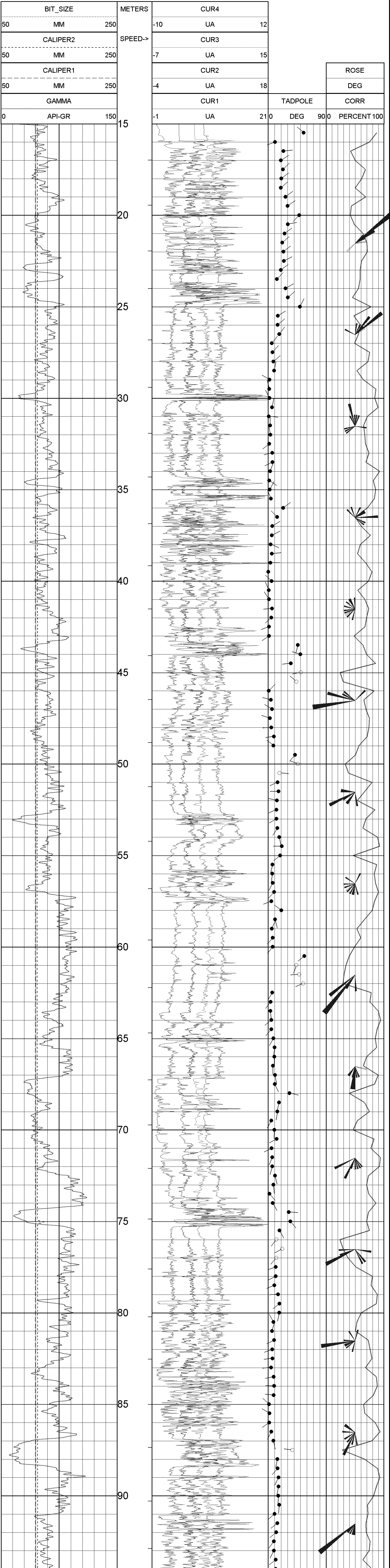
LOG PARAMETERS

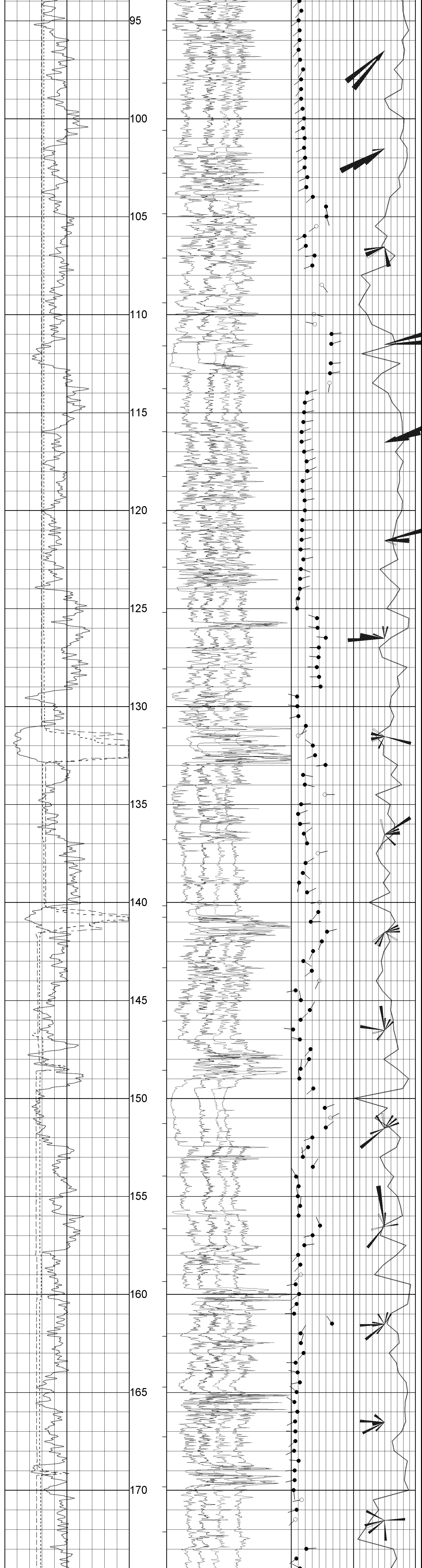
MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 19.5	ELECT. CUTOFF : 75000	BIT SIZE : 9.7
PRESENTATION NAME/DATE = Atrum_9411-2.0 06/05/2014		VERSION = 3.64KX

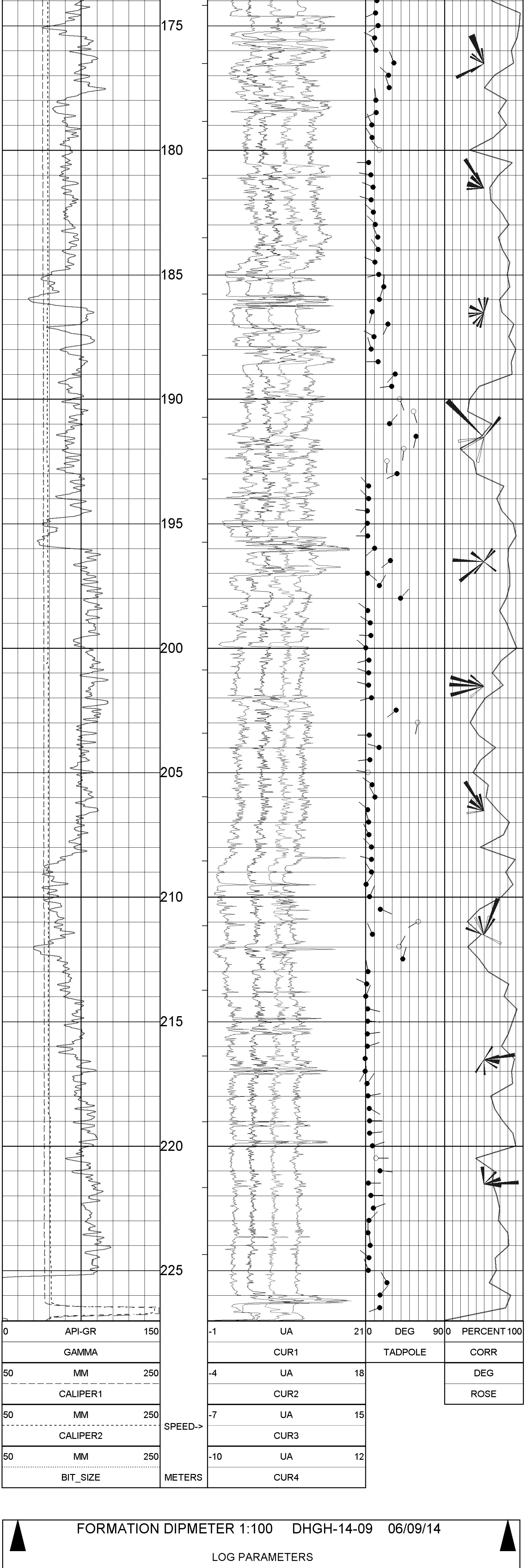
FORMATION DIPMETER 1:100 DHGH-14-09 06/09/14

LOG PARAMETERS

MATRIX DENSITY : 2.65	NEUTRON MATRIX : SANDSTONE	MATRIX DELTA T : 177
MAGNETIC DECL : 19.5	ELECT. CUTOFF : 75000	BIT SIZE : 9.7
PRESENTATION NAME/DATE = Atrum_9411_1.0 06/05/2014		VERSION = 3.64KX







FORMATION DIPMETER 1:100 DHGH-14-09 06/09/14

LOG PARAMETERS

MATRIX DENSITY : 2.65
NEUTRON MATRIX : SANDSTONE
MATRIX DELTA T : 177
MAGNETIC DECL : 19.5
ELECT. CUTOFF : 75000
BIT SIZE : 9.7
PRESENTATION NAME/DATE = Atrum_9411_1.0 06/05/2014
VERSION = 3.64KX

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TOOL CALIBRATION  DHGH-14-09 06/09/14 02:42
TOOL  9411A     TM VERSION 6
SERIAL NUMBER    4504
    DATE       TIME                    SENSOR        STANDARD                               RESPONSE
1   Sep04,13   17:17:51                GAMMA     0.100    [API-GR ]                 0.000    [CPS]
    Sep04,13   17:17:51                GAMMA   545.000    [API-GR ]               519.000    [CPS]
2   May04,10   13:04:32                VOLTAGE  50.000    [MV     ]               400.000    [CPS]
    May04,10   13:04:32                VOLTAG  280.000    [MV     ]              1900.000    [CPS]
3   Jan13,14   09:54:46                CUR1      5.580    [UA     ]              8180.000    [CPS]
    Jan13,14   09:54:46                CUR1     13.250    [UA     ]             22864.000    [CPS]
4   Jan13,14   09:54:56                CUR2      5.580    [UA     ]              9045.000    [CPS]
    Jan13,14   09:54:56                CUR2     13.250    [UA     ]             22151.000    [CPS]
5   Jan13,14   09:55:08                CUR3      5.580    [UA     ]              8711.000    [CPS]
    Jan13,14   09:55:08                CUR3     13.250    [UA     ]             21601.000    [CPS]
6   Jan13,14   09:55:14                CUR4      5.580    [UA     ]              8241.000    [CPS]
    Jan13,14   09:55:14                CUR4     13.250    [UA     ]             23064.000    [CPS]
7   Dec07,13   21:40:24                CALIPER 100.000    [INCH   ]              5085.000    [CPS]
    Dec07,13   21:40:24                CALIPER 152.000    [INCH   ]              6983.000    [CPS]
8   Dec07,13   21:40:54                CALIPER 100.000    [INCH   ]              3877.000    [CPS]
    Dec07,13   21:40:54                CALIPER 152.000    [INCH   ]              5952.000    [CPS]
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