

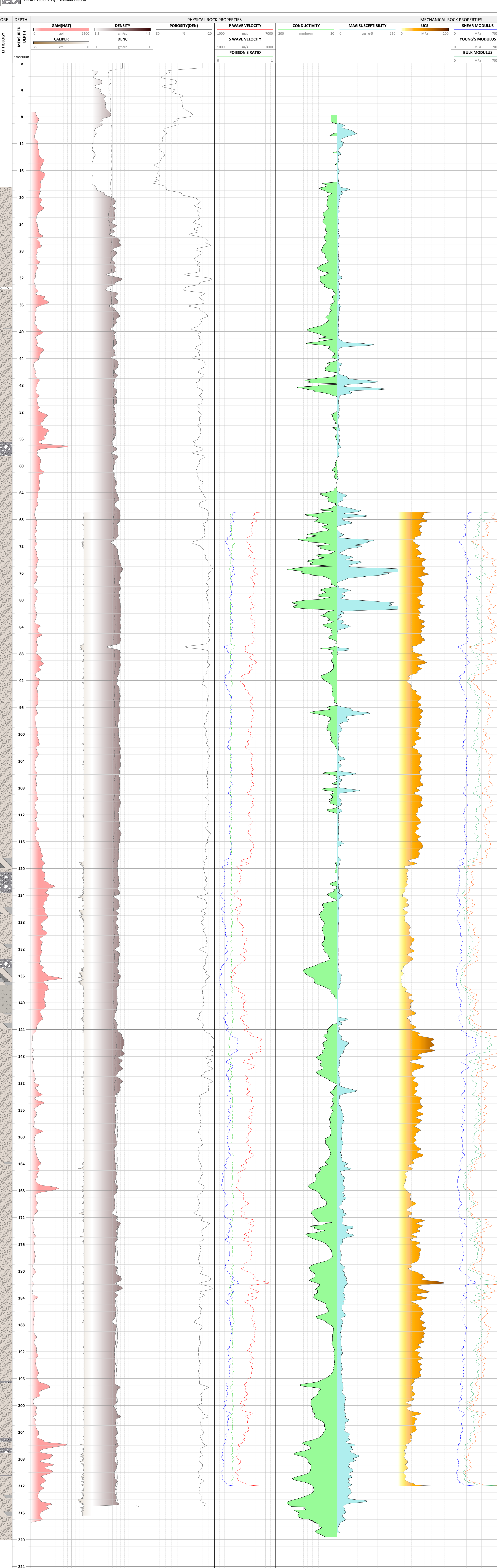
JOB NUMBER: _____	PLATFORM: <b>NEW17</b>	DRILL COMPANY: <b>CABO DRILLERS CORP</b>	SERVICE COMP.: <b>Century Wireline Services</b>
PROJECT: _____	EASTING: <b>1307601.07m</b>	DRILL START DATE: <b>30/01/2016</b>	WELL AZIM (deg): <b>146.6</b>
FIELD: _____	NORTHING: <b>1129492.84m</b>	DRILL END DATE: <b>2/8/2016</b>	WELL INCL (deg): <b>40.26</b>
PROVINCE: _____	ELEVATION(m): <b>2642.614</b>	RIG NUMBER: <b>CABO 3</b>	

BOREHOLE RECORD				CASING RECORD				REMARKS
BIT SIZE (mm)	DEPTH FROM (m)	DEPTH TO (m)	FLUID TYPE	TYPE	I.D. (mm)	DEPTH FROM (m)	DEPTH TO (m)	
114.3	0	7.90	BENTONITE & POLYPLUS	STEEL	109.22	0	7.90	
95.25	7.90	155						
75	155	220						

SERVICES										REMARKS
DATE	RUN NR.	MEASUREMENT	TOOL NB.	DEPTH FROM(m)	DEPTH TO(m)	TOOL ZERO	FLUID LEVEL(m)	ENGINEER		
2/5/2016	6	Density	2482	0.00	142.00	0.00	0.00	F Rojas		LOG INSIDE HQ, HIGH VALUES OF GAMMA RAY IN SECTION 10 - 30 MTS
2/8/2016	8	Density	1258	0.00	214.83	0.00	66.00	F Rojas		LOG DOWN INSIDE HQ
2/8/2016	9	Density	1258	215.9	0.00	0.00	66.00	F Rojas		LOG UP INSIDE HQ
2/8/2016	10	Induction	2370	0.00	219.35	0.00	66.00	E Moreno		LOG DOWN CASING HQ 152 MTS
2/8/2016	11	Induction	2370	219.57	143.14	-0.1	66.00	E Moreno		LOG UP CASING HQ 152 MTS
2/8/2016	12	MagSus	4640	0.00	218.93	0.00	66.00	E Moreno		LOG DOWN CASING HQ 152 MTS
2/8/2016	13	MagSus	4640	219.16	145.47	-0.15	66.00	E Moreno		LOG UP CASING HQ 152 MTS
2/8/2016	17	Sonic	679	215.05	142.69	-0.15	66.00	E Moreno		SE REALIZARON VARIAS REPETICIONES POR FALLA EN LA CENTRALIZACION
2/8/2016	18	Induction	2370	0.00	156.47	0.00	66.00	E Moreno		LOG DOWN CASING HQ 120.24 MTS
2/8/2016	19	Induction	1014	156.63	115.34	-0.15	66.00	E Moreno		LOG UP CASING HQ 120.24 MTS
2/8/2016	20	MagSus	4640	0.00	156.93	0.00	66.00	E Moreno		LOG DOWN CASING HQ 120.24 MTS
2/8/2016	21	MagSus	1173	153.8	114.25	-0.1	66.00	E Moreno		LOG UP CASING HQ 120.24 MTS
2/8/2016	25	Sonic	679	153.32	112.25	-0.15	66.00	E Moreno		LOG UP CASING HQ 120.24 MTS
2/8/2016	26	MagSus	4640	0.00	129.44	0.00	66.00	E Moreno		LOG DOWN CASING HQ 88 MTS
2/8/2016	27	MagSus	4640	129.57	82.77	-0.1	66.00	E Moreno		LOG UP CASING HQ 88 MTS
2/8/2016	28	Induction	2370	0.00	125.00	0.00	66.00	E Moreno		LOG DOWN CASING HQ 88 MTS
2/8/2016	29	Induction	2370	125.18	83.26	-0.1	66.00	E Moreno		LOG UP CASING HQ 88 MTS
2/8/2016	32	Sonic	679	157.50	83.60	-0.10	66.00	E Moreno		LOG UP CASING HQ 88 MTS
2/8/2016	36	Induction	2370	0.00	101.46	0.00	66.00	E Moreno		LOG DOWN CASING HQ 49 MTS
2/8/2016	37	Induction	2370	101.56	43.00	0.06	66.00	E Moreno		LOG UP CASING HQ 49 MTS
2/8/2016	38	MagSus	4640	0.00	98.86	0.00	66.00	E Moreno		LOG DOWN CASING HQ 49 MTS
2/8/2016	39	MagSus	4640	98.97	44.46	-0.1	66.00	E Moreno		LOG UP CASING HQ 49 MTS
2/8/2016	41	Sonic	679	96.33	62.43	0.00	66.00	E Moreno		LOG UP CASING HQ 49 MTS
2/8/2016	42	MagSus	4640	58.65	0.00	0.00	66.00	E Moreno		LOG DOWN CASING HW 7.9 MTS
2/8/2016	43	MagSus	4640	58.71	7.26	0.00	66.00	E Moreno		LOG UP CASING HW 7.9 MTS
2/8/2016	44	Induction	2370	0.00	53.0	0.00	66.00	E Moreno		LOG DOWN CASING HW 7.9 MTS
2/8/2016	45	Induction	2370	53.08	7.73	0.00	66.00	E Moreno		LOG UP CASING HW 7.9 MTS

CURVES						LOGGED FILE
TRACK	TITLE	DEPTH FROM [m]	DEPTH TO [m]	DESCRIPTION		
1	LITHOLOGY	18.42	220.00	Core lithology		EXCEL Sheet
2	MEASURED DEPTH	0.00	220.00	Measured depth using DENSITY as reference		-
3	GAM(NAT)	7.26	219.16	Natural Gamma from MagSus tool; 11 point median filter		Run 43, 39, 27, 21 and 13 merged
3	CALIPER	62.61	216.43	Borehole diameter from ATV traveltime;		Run 16, 22, 31 and 40 merged
4	DENSITY	0.00	215.09	Compensated Density		Run 9
4	DENC	0.00	215.09	Correction applied to density		Run 9
5	POROSITY(DEN)	0.00	215.09	Porosity		Run 9
6	P WAVE VELOCITY	66.80	215.09	Compressional wave velocity derived from velocity analysis of Sonic tool		Run 25, 32 and 41 merged
6	S WAVE VELOCITY	66.80	215.09	Shear wave velocity estimated using Christensen's Equation		-
6	POISSON'S RATIO	66.80	215.09	Computed elastic modulus using P- and S WAVE VELOCITY		-
7	CONDUCTIVITY	7.73	219.57	Electric conductivity		Run 11
8	MAG SUSCEPTIBILITY	7.27	218.93	Magnetic Susceptibility		Run 13, 21, 27 and 43 merged
9	UCS	66.80	215.09	Unconfined Compressive Strength computed using General McNally Formula		-
10	YOUNG'S MODULUS	66.80	215.09	Computed elastic modulus using DENSITY and S WAVE VELOCITY		-
10	YOUNG'S MODULUS	66.80	215.09	Computed elastic modulus using DENSITY, P- and S WAVE VELOCITY		-
10	BULK MODULUS	66.80	215.09	Computed elastic modulus using DENSITY, P- and S WAVE VELOCITY		-

LEGEND		LITHOLOGY & ROCKTYPE	
	LOST - Core Loss		FT - Fault Zone
	GN - Gneiss		
	INT - Intrusive		
	THBX - Tectonic Hydrothermal Breccia		



**DISCLAIMER**

Century Wireline Services (CWS) takes all due care to ensure that the data, measurements and interpretations supplied to the client are correct and accurate. CWS makes no representation and gives no warranty as to the use which may be made of the data, measurements or interpretations and expresses no opinion as to the conclusions, interpretation or analysis of the data and measurements supplied.

CWS does not know and cannot determine the performance, profitability or viability of any particular site for commercial purposes. The client must conduct its own investigations and research and form its own conclusions as to the commercial viability of any site.

The client hereby acknowledges that it has not and will not act or rely upon any opinion, interpretation or analysis made by CWS, its employees or agents.

Liability is excluded for the loss suffered by any party resulting in any way from the use of or reliance on any opinion, interpretation or analysis given by CWS, its employees or agents.