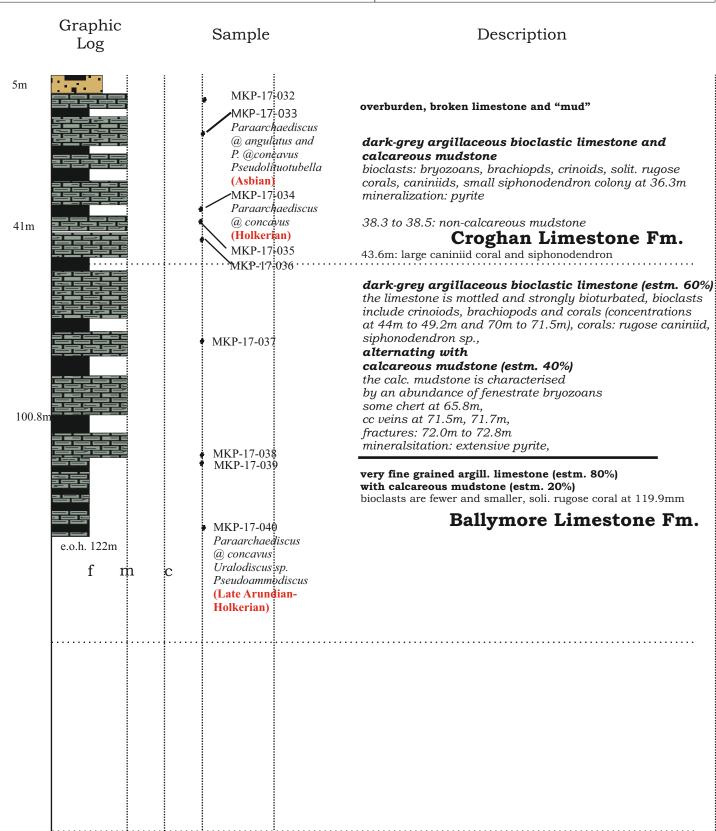


Borehole Number/Name: GSI-17-003, Cloondahamper										
GridCoords: 055592	2/0750515 ITM	Scale: 1:1000								
Author: Dr.M.Pracht		Rockhead: 5m								
Year: 2016	Elevation:	End of Hole: 122m								
Micro-palaeontolog	y: Dr.I.D. Somerville	Stratigraphy (top): Croghan Lst.Fm.								



Pe	eterse	an Dril	ling S	Service	es Lt	d.	on beh	nalf of						HES	S						Rotar	y Drillin								
Depth of	of Driller's Stratum								Sample /	Hole / Tr	Test Details	s				ng Details					Standarr	rd Penetrati	tion Test			Keynetix				
Stratum Top (m)				escriptio				No	Туре	Insitu test	From (m)	To (m)	Liner Dia (mm)	Core run time (hhmm)	Total core Recovery ) (m)	Flush Return %	Flush Colour	Self Weight Pen (mm)	75 mm	150 mm	Seating Pen (mm)	75 mm	150 mm	225 mm	300 mm	Main Pen (mm)	N value	Casing Depth (m)	Water/ flush level (m)	
	1								RO		0.00	20.00		0000		100	grey											0.00	0.00	
0.00	1		Firm h	brown TOPSC	OIL				<u> </u>	<u> </u>	<u> </u>	'	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Ĺ.,	<u> </u>	Ĺ'	Ĺ'	<u> </u>	<u> </u>	<u> </u>		<u> </u>		
	<b></b>							↓'	Д'	Д′	<b></b> '	——'	<u> </u>	<b></b> '	↓'	↓′	↓'	<b>↓</b> '	<u>'</u>	<del> </del>	↓'	<b></b> '	Д′	Д'	Д′	<b>↓</b> '	<b></b> '	<u> </u>	$\perp \perp \mid$	
3.30	[							<u> </u>	<del></del> '	<del>_</del>	<b></b>	<u> </u>	<del>                                     </del>	<b></b> '	<u> </u>	<del> </del>	<u> </u> '	<del>                                     </del>	<b></b> '	<b></b>	<b>↓</b> '	<del>_</del> '	↓'	<del> </del>	<del> </del>	4	<b></b> '	<b></b> '	4—1	
0.30	1	Soft	to firm light	ht brown silty gi	ravelly CL	_AY		<u> </u> '	<del> </del>   '	<u></u> '	<b></b>	<u> </u> '	<del></del>	<b></b>	<u></u> '	<del> </del>   '	<u> </u> '	<del> </del>	<b></b> '	<del></del>	<u> </u>	<b></b> '	<b></b> '	<b></b> '	<del> </del>	<del></del>	<del></del> '	<del></del> '	4	
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2.10	Stiff grey	ish brown silt		avelly CLAY wit		nt limestone	fracments	<u> </u> '	+'	+'	+	<del></del> '	+	<del></del>	<del></del> '	<del></del> '	<del> </del> '	+	+	<del> </del>	+	+'	<del></del> '	+'	+	+	<del></del>	$\vdash$	+	
2.10	1		possible hi		<u> </u> '	+'	<del></del>	<del></del>	<del></del>	+	<del></del>	<del></del>	<del></del>	<del></del> '	+	$\vdash$	<del></del>	+	+	<del></del>	<del></del>	+	+		$\vdash$	+				
<b> </b>								+	+	<del>    '</del>	<del>                                     </del>	+'	<del>                                     </del>		<del>                                     </del>	+	+	+		<del></del>	+	$\vdash$	+-	+'	+	+		$\vdash$		
4.90	1	Weak weat!	nered dark r	grey LIMESTO	ONE mud	istone layers	ŝ	<u> </u>	+	<del>    '</del>	<b> </b>	+	<del>                                      </del>		+	+	+	<del>                                      </del>		<del>                                     </del>	+	$\Box$	+	<del>                                      </del>	+	<del>                                      </del>			$\vdash$	
	1			•				<del>                                     </del>	+-			+-			<del>                                     </del>	+-	<del>                                     </del>				<del>                                      </del>		+-	$\vdash$	+					
	1							<u> </u>				<u> </u>					<u> </u>				<u> </u>				<u> </u>					
7.00	1		Strong da	ark grey LIMES	.STONE																						ſ <u></u>			
								'																						
, [	1		<u></u> -				<u></u> -		<u> </u>	<u> </u>	<u> </u>	'	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Ĺ.,	<u> </u>	Ĺ'	Ĺ'	<u> </u>	<u> </u>	<u> </u>		<u> </u>		
,	1							<u> </u>	Д′	Д′	<u> </u>	<u> </u>	<u>                                     </u>	<b></b> '	↓'	↓′	↓'	<u> </u> '	⊥'	<u> </u>	↓'	Д'	Д'	Д′	Д′	<u>                                     </u>	<b></b> '	<u> </u>	1	
	<u></u>							<u> </u>	Щ'	<u></u> '	<u></u> '	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u></u> —'	<u> </u>	<u> </u>	<u></u> '	<u></u> '	Щ'	<u></u> '	——'	<u></u> —'	<u></u> '	<u>Ш</u>	<u> </u>	<u></u>		
	Shift c	details	/					Dril	iling E		nent De	etails					′	Ground Water Record									Ba	Backfill (m)		
Start time (hhmm)	Hole (m)	Water (m)	Casing (m)	Casing (C) Open Hole (RO) Coring (RC)	Dia. (mm)	From (m)	To (m)	Barrel	Liner Type	Core Dia (mm)	Bit	it Type	Casing		Bit serial No	Flush	Polymer	Time of strike	Depth Struck (m)	Casing (m)	Inflow	5 min	10 min	15 min	20 min	Depth Sealed (m)	Туре	From (m)	To (m)	
1215	1		, ,	C RO	140.00 154.00		8.00 8.00	+'	+'	<del></del>	DTH E	Button Bit	Sim. C	asing	115	Air	No	1210	2.30	2.30	Slow	0.00	0.00	0.00	0.00	3.00	1 '	1		
Finish time	Hole	Water	Casing	RO	120.00		20.00				_	Button Bit	_			Air	No	1325	7.00	7.00	Slow	0.00	0.00	0.00	0.00	N/S				
(hhmm)	(m)	(m)	(m)	<del></del>	+	+	+	<del>  '</del>	<del> </del>	+'	+	'	+	'	<del></del> '	<del> </del>	<del></del> '										<del></del>	+	+	
1735	<u> </u>				<u> </u>			<u> </u>	世	厂						厂	<u> </u>	1400	13.00	8.00	Medium	n 0.00	0.00	0.00	0.00	N/S	<b></b> '	<u></u> '		
Time from	Duration (hhmm)	Remarks	or details	ls of any add	ditional	testing inf	iormation,	, Daywor	ks			SPT I.I	.D. Numbe	er	PD	1טי	Calibrati Date		01/02	2/2021	Pro	ject T	Γitle							
1215	1	CAT Scanne	ed: Yes								Ī	SPT Rc	od Type	ı	2 3/8 R		SPT Ene	ergy	0.	0.00				$C_{\ell}$	مام	o WF	_		I	
1215		Permit Comp	pleted: Yes	غ د							Ī	Drillinç	g Crew De	etails			1		CSC	CS No	1			C	JUIU	JVVI	<i>-</i>	I		
	1	DREM (14.5	30m - 15.00r	0m): Fractured	d Rock Zo	ne					!	Suppor	ort Operati	tive		J	John Whyt	te			Weathe	ar		Fine			Project No	33/2	/22	
1600	0030	Dayworks: F	Airlift develor	opment of well	i						Ī	Lead Di	riller			Ster	phan Pete	ersen			Date	'	15/08/2022				Day	Mono	nday	
,											Ī	Site cat	tegory					Green			Rig type	ле		Knebr	el HY79	, 1	Borel	hole Numi	nber	
,											Ī	Project	t Enginee	er							Inclinat	Inclination Orientation					BH 1			
,	1											Lead D	Oriller's si	ignatur	re						Sheet			1	of	1	Completed Y		Υ	



Pe	eterse	en Dril	ling S	Service	es Lt	d	on be	half of						HES	S						Rotar	y Drillin	ng Log						
Depth of	1			er's Strat					Sample /	Hole / T	Test Details	ıs			_	ng Details					Standarr	rd Penetrati	tion Test			Keymetix			
Stratum Top (m)	<u></u>			er's Strat escription				No	Туре	Insitu test		To (m)	Liner Dia (mm)	Core run time (hhmm)	Total core Recovery (m)	Flush Return %	Flush Colour	Self Weight Pen (mm)	75 mm	150 mm	Seating Pen (mm)	75 mm	150 mm	225 mm	300 mm	Main Pen (mm)	N value	Casing Depth (m)	Water/ flush level (m)
	1								RO		0.00	20.00		0000		100	grey											0.00	0.00
0.00	1	,	Soft to firm !	n brown peaty T	TOPSOIL	•			ᅠ	Ţ'	<u> </u>	Ţ'	<u> </u>	Ţ.,	Ι	Ţ'	<u> </u>	<u> </u>	፲'	$\perp$	Ĺ'	<u> </u>	Ĺ_'	Ĺ.,	Ţ'	<u> </u>		<u> </u>	1
								<u> </u>	Д′	<u> </u>	<u> </u>	<u> </u>	<del> </del>	<b></b>	<u> </u>	<u> </u>	<u> </u>	<b>↓</b> '	Д′	↓	↓′	Д′	Д′	↓′	Д′	<b>↓</b> '	<b></b> '	<b>↓</b> '	
	Medium	dense coarr	e arev well	rounded SANE	AU VND G	≥RAVEL with	h frequent	'	<u> </u>	<del>_</del>	<u></u>	<u> </u>	<del>     </del>	<b></b>	<del> </del>	<u> </u>	<b></b> '	<b>↓</b> '	Д—'	1	<b>↓</b> '	Д′	<b>↓</b> —'	<b></b> '	<u> </u>	<b>↓</b> '	<b></b> '	<u></u> '	$\bot$
0.40	IVIGGIGI	u61136 00u133		oles and boulde		WALL WILL	Печист	<u> </u>	<del> </del>	<del> </del>	<del>                                     </del>	<del> </del>	<del></del> '	<del></del>	<del> </del>	<del> </del>	<b></b> '	<del>    '</del>	<b></b> '	1	<del>  '</del>	<b></b> '	<del></del> '	<del></del>	<u> </u>	<del>    '</del>	<b></b> '	<del></del> '	+
								<u></u>	<del> </del>   '	<del></del>	<del>                                     </del>	<del> </del>   '	<del></del> '	+	+'	<del> </del>   '	<b></b> '	<del></del> '	<b></b> '	+	<del> </del> '	<b>↓</b> —'	<del> </del>	<del> </del>	<del> </del>	<del></del> '	<b>——</b>	<b></b> '	1
2.60	Strong to	Very strong	dark grey L'	IMESTONE wi	with occas	sional shaley	√ mudstone	<u> </u>	<del> </del>   '	+	<del> </del>	<del> </del>   '	+	+	+	<del> </del>   '	<del>  '</del>	<del></del>	<del></del> '	+	<del></del> '	<del></del> '	<del></del> '	<del></del>	<del> </del>	<del></del>	<b>—</b>	<del></del>	
2.60	1	• -		layers		-			<del> </del>	+'	+	+'	+	+	+	+'	+'	+	+'	+	<del> </del> '	<del></del> '	<del></del> '	<del> </del>	+'	+	<b>—</b>	+	+
$\vdash$								<del>  '</del>	+'	+	<del></del>	<del>  '</del>	+	<del></del>	+	<del>  '</del>	<del> </del>	+	<del></del>	+	<del></del>	<del></del>	<del></del>	<del></del>	<del>  '</del>	+	<u> </u>	$\vdash$	+
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	1							<u> </u>	+'	<del>                                     </del>	<del>                                     </del>	+'	+	<del>                                     </del>	+	+'	<del>                                     </del>	<del>                                      </del>	<del></del>	+	+	+	+	<del></del>	+'	<del>                                      </del>		$\vdash$	$\vdash$
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																			'		<u> </u>		'				1	'	
		details						Dri													Ground	Water	r Reco	rd	Samuel	Ва	ıckfill (m		
Start time (hhmm)	Hole (m)	Water (m)	Casing (m)	Casing (C) Open Hole (RO) Coring (RC)	Dia. (mm)	From (m)	To (m)	Barrel	Liner Type	Core Dia (mm)		it Type	Casing	- ''	Bit serial No	Flush	Polymer	Time of strike	Depth Struck (m)	Casing (m)	Inflow	5 min	10 min	15 min	20 min	Depth Sealed (m)	Туре	From (m)	To (m)
0805	1		1 ,	C RO	140.00 154.00		3.60 3.60	+'	+'	+	DTH F	Button Bit		Casing	115	Air	No	0825	2.00	2.00	Slow	0.00	0.00	0.00	0.00	N/S	1	1	
Finish time	Hole	Water	Casing	RO	120.00	+	20.00				_	Button Bit				Air	No	1725	3.50	3.50	Medium	n 0.00	0.00	0.00	0.00	N/S			
(hhmm)	(m)	(m)	(m)	<del></del>	<del>                                     </del>	<del></del> '		<u> </u>	<del> </del>	+	+		+		+	<del> </del>	<del></del>	+	+'	+	ļ	+'	<u> </u>	+'	+'		<b>—</b>	<del></del>	+
1540	<u> </u>								上									<u></u>	Ш'		<u> </u>	⊥'	<u> </u>	<u> </u>	'	<u> </u>	<u> </u>	<u> </u>	
Time from	Duration (hhmm)	Remarks	or details	ls of any add	ditional	testing inf	formation	, Daywor	ks			SPT I.	.D. Numbe	er	PI	יטי	Calibrati Date		01/02	02/2021	Pro	ject T	ritle						
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0805	1	Permit Comp	ıpleted: Yes	i							ļ	Drillinç	g Crew De	etails			Nauv	<del></del>	csc	CS No	1			<u> </u>	7010	o WF	г 		
	1	DREM (7.50	Jm - 9.00m)	): Fractured Ro	łock Zone	į					Ţ	Suppo	ort Operat	tive		J	John Whyt	te			Weathe	<b>ər</b>		Var	riable		Project No	33/2	/22
1340	0030	Dayworks: /	Airlift develo	opment of well	Á						,	Lead Di	riller			Ster	phan Pete	∍rsen			Date			16/08	08/2022		Day	Tues	sday
,   1	1										i	Site cat	tegory					Green			Rig type	е		Knebr	el HY79		Borel	hole Numi	ıber
,	1										ŗ	Project	t Enginee	er					_		Inclinat	Inclination O			tation		Ī′	BH 2	
, 🖳 📗	<u> </u>		Lead D	Driller's si	ignatur	re						Sheet		'	1	of	1	Compl	leted	Υ									

