

PROD OPERATIONS DRILLING LOG

Date	Activity	Start Depth	Virgin Depth	Finish Depth	Run Length	Push Length	Recovered Length	Tool ID	Recovery	Start Time	Finish Time	Comments
dd/mm/yyyy	#	mm	mm	mm	mm	mm	mm	#	%	hh:mm:ss	hh:mm:ss	
30/10/2023	Rotary Core	-252	0	695	695	695	570		82	12:12	12:36	RC01, Impreg Bit 6-8
30/10/2023	Rotary Core	695	695	1051	356	356	310		87	12:36	12:53	RC02, Impreg Bit 6-8
30/10/2023	Rotary Core	1051	1051	1685	634	634	310		49	12:53	13:37	RC03, Impreg Bit 6-8
30/10/2023	Rotary Core	1685	1685	1958	273	273	310		114	13:37	14:06	RC04, Impreg Bit 6-8
30/10/2023	Casing	-246	1958	1754	2000					14:06	14:26	
30/10/2023	Wash Bore	-264	1940	1886	2150					14:26	14:45	
30/10/2023	Rotary Core	1754	1958	2685	727	727	310		43	14:45	15:12	RC05, Impreg Bit 6-8
30/10/2023	Rotary Core	1754	2685	3229	544	544	400		74	15:12	15:45	RC06
30/10/2023	Rotary Core	1754	3229	3709	480	480	630		131	15:45	16:19	RC07
30/10/2023	Rotary Core	3709	3709	3857	148	148	210		142	16:19	16:32	RC08
30/10/2023	Rotary Core	3857	3857	4560	703	703	640		91	16:32	17:18	RC09
30/10/2023	Casing	1754	4560	4504	2750					17:18	17:51	
30/10/2023	Wash Bore	4304	4560	4534	230					17:51	18:22	
30/10/2023	Rotary Core	4560	4560	6959	2399	2399	2270		95	18:22	19:26	RC10
30/10/2023	Rotary Core	6959	6959	7591	632	632	600		95	19:26	20:10	RC11
30/10/2023	Casing	4504	7591	7254	2750					20:10	20:53	
30/10/2023	Wash Bore	6986	7591	7624	638					20:53	21:19	
30/10/2023	Rotary Core	7624	7624	7989	365	365	150		41	21:19	21:59	RC12
30/10/2023	Rotary Core	7989	7989	8413	424	424	320		75	21:59	22:34	RC13
30/10/2023	Rotary Core	8413	8413	10073	1660	1660	1220		73	22:34	23:43	RC14
Client: ECORD Science Operator (ESO)			Borehole Date: 30-Oct-2023 to 31-Oct-2023			Location Coordinates: E:179310.4m N:2208066.5m				 Benthic INNOVATION TO THE CORE		
Project: IODP Exp 389: Hawaiian Drowned Reefs			Nearby Location: KAW-04Bc			Nearby Location Coordinates: E:179291.5m N:2208047.6m						
Site: Kawaihae			Water Depth: 424.0m (MSL)			Geodetic Datum / Projection: WGS84 / UTM Zone 5N						
Project No: 16959 RP-A			File Status: Preliminary			Distance to Nearby Location: 26.8m						

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dd/mm/yyyy	#	mm	mm	mm	mm	mm	mm	#	%	hh:mm:ss	hh:mm:ss		
30/10/2023	Casing	7254	10073	10004	2750					23:43	00:32		
31/10/2023	Wash Bore	9954	10073	10065	111					00:32	01:04		
31/10/2023	Rotary Core	10073	10073	11773	1700	1700	1000		59	01:04	02:22	RC15	
31/10/2023	Rotary Core	11773	11773	12877	1104	1104	1150		104	02:22	03:23	RC16	
31/10/2023	Casing	10004	12877	1754	-8250					03:23	04:53		
31/10/2023	Wash Bore	1754	12877	12867	11113					04:53	06:08		
31/10/2023	Casing	1754	12877	12754	11000					06:08	07:24		
31/10/2023	Wash Bore	12254	12877	12864	610					07:24	08:03		
31/10/2023	Rotary Core	12877	12877	14373	1496	1496	1270		85	08:03	09:23	RC17	
31/10/2023	Rotary Core	14373	14373	15436	1063	1063	660		62	09:23	10:39	RC18	
31/10/2023	Rotary Core	15436	15436	16570	1134	1134	1010		89	10:39	11:52	RC19	
31/10/2023	Rotary Core	16570	16570	17327	757	757	500		66	11:52	12:47	RC20	
31/10/2023	Rotary Core	17327	17327	19310	1983	1983	2010		101	12:47	14:29	RC21	
31/10/2023	Rotary Core	19310	19310	20248	938	938	750		80	14:29	15:29	RC22	
31/10/2023	Rotary Core	18254	20248	20602	354	354	280		79	15:29	16:24	RC23	
31/10/2023	Rotary Core	18254	20602	21039	437	437	340		78	16:24	17:14	RC24	
31/10/2023	Casing	12754	21039	12754	0					17:14	17:42	Unable to advance casing. Casing aborted.	
31/10/2023	Rotary Core	21039	21039	21861	822	822	300		36	17:42	18:53	RC25	
31/10/2023	Rotary Core	21861	21861	23004	1143	1143	1060		93	18:53	19:56	RC26	
31/10/2023	Rotary Core	23004	23004	23374	370	370	310		84	19:56	20:58	RC27	
Client:	ECORD Science Operator (ESO)		Borehole Date:		30-Oct-2023 to 31-Oct-2023		Location Coordinates:		E:179310.4m N:2208066.5m				 Benthic INNOVATION TO THE CORE
Project:	IODP Exp 389: Hawaiian Drowned Reefs		Nearby Location:		KAW-04Bc		Nearby Location Coordinates:		E:179291.5m N:2208047.6m				
Site:	Kawaihae		Water Depth:		424.0m (MSL)		Geodetic Datum / Projection:		WGS84 / UTM Zone 5N				
Project No:	16959 RP-A		File Status:		Preliminary		Distance to Nearby Location:		26.8m				

[illegible]

Bentley
INNOVATION TO THE CORE