

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	
24/10/2023	Wash Bore	-141	0	1859	2000					19:10	19:43	
24/10/2023	Casing	-141	1859	1859	2000					19:43	20:06	
24/10/2023	Wash Bore	-141	1859	1859	2000					20:06	20:23	
24/10/2023	Rotary Core	1859	1859	3025	1166	1166	850		73	20:23	21:02	RC01
24/10/2023	Rotary Core	3025	3025	3360	335	335	320		96	21:02	21:25	RC02, Impreg Bit 6-8
24/10/2023	Rotary Core	3360	3360	3707	347	347	350		101	21:25	21:56	RC03, Impreg Bit 6-8
24/10/2023	Rotary Core	3707	3707	4148	441	441	360		82	21:56	22:42	RC04, Impreg Bit 6-8
24/10/2023	Rotary Core	4148	4148	4439	291	291	310		107	22:42	23:11	RC05, Impreg Bit 6-8
24/10/2023	Rotary Core	4439	4439	5052	613	613	600		98	23:11	23:47	RC06
24/10/2023	Casing	1859	5052	4609	2750					23:47	00:36	
25/10/2023	Wash Bore	4559	5052	5039	480					00:36	01:15	
25/10/2023	Rotary Core	5052	5052	5911	859	859	380		44	01:15	02:22	RC07, Impreg Bit 6-8
25/10/2023	Rotary Core	5911	5911	6288	377	377	420		111	02:22	03:13	RC08
25/10/2023	Wash Bore	6288	6288	7339	1051					03:13	03:43	Wash ahead as per client request.
25/10/2023	Casing	4609	7339	7359	2750					03:43	04:21	Casing ahead as per client request.
25/10/2023	Wash Bore	7159	7358	7358	199					04:21	04:45	
25/10/2023	Rotary Core	7358	7358	8136	778	778	560		72	04:45	06:18	RC09
25/10/2023	Rotary Core	8136	8136	8546	410	410	460		112	06:18	06:50	RC10
25/10/2023	Rotary Core	8546	8546	8824	278	278	200		72	06:50	07:25	RC11
25/10/2023	Rotary Core	8824	8824	9145	321	321	150		47	07:25	08:03	RC12
Client:	ECORD Science Operator (ESO)		Borehole Date: 24-Oct-2023 to 26-Oct-2023			Location Coordinates: E:166055.8m N:2220022.6m				 Benthic INNOVATION TO THE CORE		
Project:	IODP Exp 389: Hawaiian Drowned Reefs		Nearby Location: MAH-02Ba			Nearby Location Coordinates: E:166050.9m N:2220024.7m						
Site:	Mahukona		Water Depth: 1177.2m (MSL)			Geodetic Datum / Projection: WGS84 / UTM Zone 5N						
Project No:	16959 RP-A		File Status: Preliminary			Distance to Nearby Location: 5.4m						

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dd/mm/yyyy	#	mm	mm	mm	mm	mm	mm	#	%	hh:mm:ss	hh:mm:ss	
25/10/2023	Wash Bore	9145	9145	10259	1114					08:03	09:03	Wash ahead as per client request.
25/10/2023	Casing	7359	10259	10109	2750					09:03	09:53	
25/10/2023	Wash Bore	7359	10259	10249	2890					09:53	10:27	
25/10/2023	Rotary Core	10277	10259	11414	1137	1155	850		75	10:27	11:18	RC13
25/10/2023	Rotary Core	11414	11414	11735	321	321	300		93	11:18	12:04	RC14
25/10/2023	Rotary Core	11735	11735	12463	728	728	610		84	12:04	12:51	RC15
25/10/2023	Rotary Core	12463	12463	13363	900	900	780		87	12:51	13:40	RC16
25/10/2023	Casing	10109	13363	12859	2750					13:40	14:01	
25/10/2023	Wash Bore	12787	13363	13359	572					14:01	14:36	
25/10/2023	Rotary Core	13363	13363	14997	1634	1634	610		37	14:36	15:25	RC17
25/10/2023	Rotary Core	14997	14997	16474	1477	1477	330		22	15:25	16:19	RC18
25/10/2023	Rotary Core	16474	16474	17301	827	827	280		34	16:19	17:11	RC19
25/10/2023	Rotary Core	17301	17301	18801	1500	1500	520		35	17:11	18:35	RC20
25/10/2023	Casing	12859	18801	18359	5500					18:35	19:07	
25/10/2023	Wash Bore	17956	18801	18794	838					19:07	19:55	
25/10/2023	Rotary Core	18801	18801	19501	700	700	570		81	19:55	20:47	RC21
25/10/2023	Rotary Core	19501	19501	19988	487	487	460		94	20:47	21:34	RC22
25/10/2023	Rotary Core	19988	19988	20285	297	297	160		54	21:34	22:31	RC23
25/10/2023	Wash Bore	20285	20285	21109	824					22:31	23:22	Wash ahead as per client request.
25/10/2023	Casing	18359	21137	4609	-13750					23:22	01:21	
Client:	ECORD Science Operator (ESO)		Borehole Date:		24-Oct-2023 to 26-Oct-2023		Location Coordinates:		E:166055.8m N:2220022.6m		 Benthic INNOVATION TO THE CORE	
Project:	IODP Exp 389: Hawaiian Drowned Reefs		Nearby Location:		MAH-02Ba		Nearby Location Coordinates:		E:166050.9m N:2220024.7m			
Site:	Mahukona		Water Depth:		1177.2m (MSL)		Geodetic Datum / Projection:		WGS84 / UTM Zone 5N			
Project No:	16959 RP-A		File Status:		Preliminary		Distance to Nearby Location:		5.4m			

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dd/mm/yyyy	#	mm	mm	mm	mm	mm	mm	#	%	hh:mm:ss	hh:mm:ss	
26/10/2023	Wash Bore	4559	21137	21129	16570					01:21	04:43	
26/10/2023	Casing	4609	21137	21109	16500					04:43	06:30	
26/10/2023	Wash Bore	18359	21129	21130	2771					06:30	07:24	
26/10/2023	Rotary Core	21130	21130	22411	1281	1281	180		14	07:24	08:31	RC24
26/10/2023	Rotary Core	22411	22411	24312	1901	1901	290		15	08:31	09:56	RC25
26/10/2023	Rotary Core	24312	24312	24602	290	290	0		0	09:56	10:55	RC26
26/10/2023	Rotary Core	24602	24602	25249	647	647	360		56	10:55	11:59	RC27
26/10/2023	Rotary Core	25249	25249	25900	651	651	680		104	11:59	13:06	RC28
26/10/2023	Rotary Core	25900	25900	28134	2234	2234	2310		103	13:06	15:16	RC29
26/10/2023	Rotary Core	27439	28134	28464	330	330	310		94	15:16	16:47	RC30
26/10/2023	Rotary Core	28464	28464	29083	619	619	440		71	16:47	18:00	RC31
26/10/2023	Rotary Core	29083	29083	30030	947	947	880		93	18:00	19:31	RC32
26/10/2023	Rotary Core	30030	30030	30700	670	670	470		70	19:31	20:58	RC33
26/10/2023	Casing	21109	30700	-141	-21250					20:58	21:16	Borehole terminated, maximum quantity of tools was achieved.

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Site: Mahukona	Water Depth: 1177.2m (MSL)	Geodetic Datum / Projection: WGS84 / UTM Zone 5N	
Project No: 16959 RP-A	File Status: Preliminary	Distance to Nearby Location: 5.4m	