Sample Run	Sampler Type		Penetratior	1	Recovery	Corebox Number		Tube	Samples			Bag/Othe	er Samples		Remarks
Number		Тор	Bottom	Length		(s)	Sample	Тор	Bottom	Length	Sample	Тор	Bottom	Length	
#	#	mm	mm	mm	%	#	#	mm	mm	mm	#	mm	mm	mm	
1	RC	0	1803	1803	98		1-1 1-2	0 1360	1360 1760	1360 400					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
2	RC	1803	4555	2752	98		2-1 2-2	1803 3263	3263 4513	1460 1250					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
3	RC	4555	7297	2742	99		3-1 3-2	4555 6065	6065 7265	1510 1200					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
4	RC	7297	10040	2743	102		4-1 4-2	7297 8797	8797 10097	1500 1300					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner. Recovery over 100% inferred as cuttings or cave-in.
5	RC	10040	12792	2752	101		5-1 5-2	10040 11540	11540 12810	1500 1270					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner. Recovery over 100% inferred as cuttings or cave-in.
6	RC	12792	15518	2726	101		6-1	12792	14252	1460					Aluminium liner. Sample in aluminium liner transfered to
0		12192	10010	2120	101		6-2	14252	15542	1290					polycarbonate liner. Recovery over 100% inferred as cuttings or cave-in.
7	RC	15518	18294	2776	101		7-1 7-2	15518 16998	16998 18318	1480 1320					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner. Recovery over 100% inferred as cuttings or cave-in.
Client:	ECORD Sci			Samplir		14-Oct-2023 t	o 16-Oct-202		Location Coor			.8m N:219	8316.1m		
Project:	IODP Exp 38	89: Hawaiiar	Drowned Re			n/a			Nearby Location						🗧 📚 Benthic
Site:	Hilo			Water [	Depth:	347.0m (MSL	)		Geodetic Datu	m / Projectio	n: WGS84 /	UTM Zone	5N		INNOVATION TO THE CORE
roject No:	16959 RP-A	·		File Sta	itus:	Preliminary			Distance to Ne	earby Location	n:				

Checked: BA Date: 17/10/2023

Sample	Sampler Type	Penetration			Recovery										Remarks
Run Number		Тор	Bottom	Length		Number (s)	Sample	Тор	Bottom	Length	Sample	Тор	Bottom	Length	
#	#	mm	mm	mm	%	#	#	mm	mm	mm	#	mm	mm	mm	
8	RC	18294	21057	2763	101		8-1 8-2	18294 19774	19774 21084	1480 1310					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner. Recovery over 100% inferred as cuttings or cave-in.
9	RC	21057	23253	2196	97		9-1 9-2	21057 22527	22527 23177	1470 650					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
10	RC	23253	26197	2944	73		10-1 10-2	23253 24753	24753 25403	1500 650					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
11	RC	26197	27048	851	145		11-1	26197	27427	1230					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner. Recovery over 100% inferred as cuttings or cave-in.
12	RC	27048	29356	2308	91		12-1 12-2	27048 28548	28548 29148	1500 600					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
13	RC	29356	31159	1803	78		13-1	29356	30756	1400					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
14	RC	31159	31572	413	65		14-1	31159	31429	270					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
Client:	ECORD Sci			Samplir		14-Oct-2023 t	o 16-Oct-202	3 I	Location Coor	dinates:	E:295403	.8m N:219	8316.1m		
Project:	IODP Exp 38	89: Hawaiiar	Drowned Re	efs Nearby	Location:	n/a		1	Nearby Location	on Coordinate	es:				📚 Benthic
Site:	Hilo			Water [	Depth:	347.0m (MSL)	)	0	Geodetic Datu	ım / Projectio	n: WGS84 /	UTM Zone	5N		INNOVATION TO THE CORE
Project No:	16959 RP-A			File Sta	tus:	Preliminary		[	Distance to Ne	earby Location	n:				

Checked: BA Date: 17/10/2023

Sampler Type	Penetration			Recover										Remarks
	Тор	Bottom	Length		Number (s)	Sample	Тор	Bottom	Length	Sample	Тор	Bottom	Length	
#	mm	mm	mm	%	#	#	mm	mm	mm	#	mm	mm	mm	
RC	31572	33843	2271	90		15-1 15-2	31572 33062	33062 33622	1490 560					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
RC	33843	35017	1174	73		16-1	33843	34703	860					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
RC	35017	37367	2350	91		17-1 17-2	35017 36517	36517 37157	1500 640					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
RC	37367	38770	1403	61		18-1	37367	38227	860					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
RC	38770	41532	2762	101		19-1 19-2	38770 40270	40270 41560	1500 1290					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner. Recovery over 100% inferred as cuttings or cave-in.
RC	41532	43005	1473	70		20-1	41532	42562	1030					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
RC	43005	43637	632	62		21-1	43005	43395	390					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
Client:       ECORD Science Operator (ESO)       Sampling Date:       14-Oct-2023 to 16-Oct-2023         Project:       IODP Exp 389: Hawaiian Drowned Reefs       Nearby Location:       n/a         Site:       Hilo       Water Depth:       347.0m (MSL)         Project No:       16959 RP-A       File Status:       Preliminary								Nearby Locatio Geodetic Datu	on Coordinate m / Projectio	es: n: WGS84 /				Renthic
	Type # RC RC RC RC RC RC RC RC ECORD Sci IODP Exp 3 Hilo	Type         Top           #         mm           RC         31572           RC         33843           RC         33843           RC         35017           RC         35017           RC         37367           RC         38770           RC         41532           RC         43005           RC         43005           ECORD Science Operation of the second	Type         Top         Bottom           #         mm         mm           RC         31572         33843           RC         33843         35017           RC         33843         35017           RC         35017         37367           RC         35017         38770           RC         37367         38770           RC         38770         41532           RC         41532         43005           RC         43005         43637           RC         43005         43637           ECORD Science Operator (ESO)         IDOP Exp 389: Hawaiian Drowned Red Hilo	Top         Bottom         Length           #         mm         mm         mm           RC         31572         33843         2271           RC         33572         33843         2271           RC         33843         35017         1174           RC         35017         37367         2350           RC         35017         37367         2350           RC         37367         38770         1403           RC         37367         38770         1403           RC         38770         41532         2762           RC         43005         43637         632           RC         43005         43637         632           ECORD Science Operator (ESO) Hilo         Samplini         Nearby	Type         Top         Bottom         Length           #         mm         mm         mm         %           RC         31572         33843         2271         90           RC         33843         35017         1174         73           RC         33843         35017         1174         73           RC         35017         37367         2350         91           RC         37367         38770         1403         61           RC         38770         41532         2762         101           RC         41532         43005         1473         70           RC         41532         43637         632         62           ECORD Science Operator (ESO)         Nearby Location: Materia Drowned Reefs         Nearby Location: Materia Drowned Reefs           Hilo         Havaiian Drowned Reefs         Sampling Date: Nearby Location: Materia Drowned Reefs         Nearby Location: Materia Drowned Reefs	Type         Top         Bottom         Length         Number (s)           #         mm         mm         mm         %         #           RC         31572         33843         2271         90         #           RC         33843         35017         1174         73         #           RC         35017         37367         2350         91         #           RC         38770         1403         61         #         #           RC         38770         41532         2762         101         #           RC         41532         43005         1473         70         #         #           RC         43005         43637         632         62         #         #           Moter Depth:         Nearby Location:         n/a         #         #         #         #         #         #         #         #         # <td< td=""><td>Type         Top         Bottom         Length         Number (s)         Sample           #         mm         mm         mm         %         #         #           RC         31572         33843         2271         90         #         #           RC         33843         35017         1174         73         90         16-1           RC         33843         35017         1174         73         16-1         17-1           RC         35017         37367         2350         91         17-1         17-2           RC         37367         38770         1403         61         18-1         18-1           RC         38770         41532         2762         101         19-1         19-2           RC         41532         43005         1473         70         20-1         19-2           RC         43005         43637         632         62         21-1         19-2           IODP Exp 389: Hawaiian Drowned Reefs         Sampling Date:         14-Oct-2023 to 16-Oct-202         1/4         1/4</td><td>Type         Top         Bottom         Length         Number (s)         Sample         Top           #         mm         mm         mm         %         #         #         mm           RC         31572         33843         2271         90         15-2         33062           RC         33843         35017         1174         73         16-1         33843           RC         35017         37367         2350         91         17-1         35017           RC         35017         37367         2350         91         17-2         36517           RC         37367         38770         1403         61         18-1         37367           RC         38770         41532         2762         101         19-1         19-2         38770           RC         41532         43005         1473         70         20-1         41532           RC         43005         43637         632         62         21-1         43005           IODP Exp 389: Hawaiian Drowned Reefs Hilo         Nearby Location: n/a Water Depth: 347.0m (MSL)         34.0m (MSL)         34.0m (MSL)         34.0m (MSL)  </td><td>Type         Top         Bottom         Length         Number (s)         Sample         Top         Bottom           #         mm         33062         33062         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33623         3617         3517         35175         35017         35175         35017         35175         3517         37157         36217         3617         36217         40270         40270<td>Type         Top         Bottom         Length           #         mm         mm</td><td>Type         Top         Bottom         Length         Number (s)         Sample         Top         Bottom         Length         Sample           #         mm         mm         mm         mm         %         #         #         mm         #         #         #         mm         mm         #         #         #         mm         mm         #         #         #         #         #         mm         #</td><td>Type         Top         Bottom         Length         Number (s)         Sample         Top         Bottom         Length         Sample         Top         Sample         Tap         Sample         Top         Sample         <th< td=""><td>Type         Top         Bottom         Length         Number N(s)         Sample         Top         Bottom         Length         Sample         Top         Bottom         Imm         mm         mm</td><td>Type         Top         Bottom         Length         Number (8)         Sample         Top         Bottom         Length         Mm         mm</td></th<></td></td></td<>	Type         Top         Bottom         Length         Number (s)         Sample           #         mm         mm         mm         %         #         #           RC         31572         33843         2271         90         #         #           RC         33843         35017         1174         73         90         16-1           RC         33843         35017         1174         73         16-1         17-1           RC         35017         37367         2350         91         17-1         17-2           RC         37367         38770         1403         61         18-1         18-1           RC         38770         41532         2762         101         19-1         19-2           RC         41532         43005         1473         70         20-1         19-2           RC         43005         43637         632         62         21-1         19-2           IODP Exp 389: Hawaiian Drowned Reefs         Sampling Date:         14-Oct-2023 to 16-Oct-202         1/4         1/4	Type         Top         Bottom         Length         Number (s)         Sample         Top           #         mm         mm         mm         %         #         #         mm           RC         31572         33843         2271         90         15-2         33062           RC         33843         35017         1174         73         16-1         33843           RC         35017         37367         2350         91         17-1         35017           RC         35017         37367         2350         91         17-2         36517           RC         37367         38770         1403         61         18-1         37367           RC         38770         41532         2762         101         19-1         19-2         38770           RC         41532         43005         1473         70         20-1         41532           RC         43005         43637         632         62         21-1         43005           IODP Exp 389: Hawaiian Drowned Reefs Hilo         Nearby Location: n/a Water Depth: 347.0m (MSL)         34.0m (MSL)         34.0m (MSL)         34.0m (MSL)	Type         Top         Bottom         Length         Number (s)         Sample         Top         Bottom           #         mm         33062         33062         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33622         33623         3617         3517         35175         35017         35175         35017         35175         3517         37157         36217         3617         36217         40270         40270 <td>Type         Top         Bottom         Length           #         mm         mm</td> <td>Type         Top         Bottom         Length         Number (s)         Sample         Top         Bottom         Length         Sample           #         mm         mm         mm         mm         %         #         #         mm         #         #         #         mm         mm         #         #         #         mm         mm         #         #         #         #         #         mm         #</td> <td>Type         Top         Bottom         Length         Number (s)         Sample         Top         Bottom         Length         Sample         Top         Sample         Tap         Sample         Top         Sample         <th< td=""><td>Type         Top         Bottom         Length         Number N(s)         Sample         Top         Bottom         Length         Sample         Top         Bottom         Imm         mm         mm</td><td>Type         Top         Bottom         Length         Number (8)         Sample         Top         Bottom         Length         Mm         mm</td></th<></td>	Type         Top         Bottom         Length           #         mm         mm	Type         Top         Bottom         Length         Number (s)         Sample         Top         Bottom         Length         Sample           #         mm         mm         mm         mm         %         #         #         mm         #         #         #         mm         mm         #         #         #         mm         mm         #         #         #         #         #         mm         #	Type         Top         Bottom         Length         Number (s)         Sample         Top         Bottom         Length         Sample         Top         Sample         Tap         Sample         Top         Sample <th< td=""><td>Type         Top         Bottom         Length         Number N(s)         Sample         Top         Bottom         Length         Sample         Top         Bottom         Imm         mm         mm</td><td>Type         Top         Bottom         Length         Number (8)         Sample         Top         Bottom         Length         Mm         mm</td></th<>	Type         Top         Bottom         Length         Number N(s)         Sample         Top         Bottom         Length         Sample         Top         Bottom         Imm         mm         mm	Type         Top         Bottom         Length         Number (8)         Sample         Top         Bottom         Length         Mm         mm

Checked: BA Date: 17/10/2023

Sample Run	Sampler Type	Penetration			Recovery	Corebox Number		Tube S	Samples		Bag/Other Sample				Remarks
Number		Тор	Bottom	Length		(s)	Sample	Тор	Bottom	Length	Sample	Тор	Bottom	Length	
#	#	mm	mm	mm	%	#	#	mm	mm	mm	#	mm	mm	mm	
22	RC	43637	46384	2747	91		22-1 22-2	43637 45137	45137 46147	1500 1010					Aluminium liner. Sample in aluminium liner transfered to polycarbonate liner.
	Hilo 16959 RP-A	89: Hawaiiar	tor (ESO) n Drowned Re	Samplir eefs Nearby Water I File Sta	Location:	14-Oct-2023 t n/a 347.0m (MSL) Preliminary		N	Location Coordinates: Nearby Location Coordinate Geodetic Datum / Projectior Distance to Nearby Locatior			n: WGS84 / UTM Zone 5N			<b>Benthic</b> INNOVATION TO THE CORE