

Appendix 1: Reclassification of ShoreZone coastal class into “shoreline type” and “substrate type.”

Substrate	Sediment	Width (m)	Slope (°)	Coastal Class	Coastal Class Description	Shoreline Type	
<i>Rock</i>	NA	>30	>20	NA			
			5-20	1	Rock ramp, wide	1	
			<5	2	Rock platform, wide	1	
			<30	>20	3	Rock cliff	2
			5-20	4	Rock ramp, narrow	2	
		<5	5	Rock platform, narrow	2		
<i>Rock + Sediment</i>	Gravel	>30	5-20	6	Ramp w/ gravel beach, wide	3	
			<5	7	Platform w/ gravel beach wide	3	
			<30	>20	8	Cliff w/ gravel beach	4
			5-20	9	Ramp w/ gravel beach	4	
			<5	10	Platform w/ gravel beach	4	
	Sand + Gravel	>30	5-20	11	Ramp w/ gravel & sand beach, wide	5	
			<5	12	Platform w/ gravel & sand beach, wide	5	
			<30	>20	13	Cliff w/ gravel & sand beach	6
			5-20	14	Ramp w/ gravel & sand beach	6	
			<5	15	Platform w/ gravel & sand beach	6	
	Sand	>30	5-20	16	Ramp w/ sand beach, wide	5	
			<5	17	Platform w/ sand beach, wide	5	
			<30	>20	18	Cliff w/ sand beach	6
			5-20	19	Ramp w/ sand beach, narrow	6	
			<5	20	Platform w/ sand beach, narrow	6	
<i>Sediment</i>	Gravel	>30	>20	21	Gravel flat, wide	7	
			<30	5-20	22	Gravel beach, narrow	7
			<5	23	Gravel flat or fan	7	
	Sand + Gravel	>30	<5	24	Sand & gravel flat or fan	8	
			<30	5-20	25	Sand & gravel beach, narrow	8
			<5	26	Sand & gravel flat or fan	8	
	Sand/Mud	>30	5-20	27	Sand beach	9	
			<5	28	Sand flat	9	
				29	Mudflat	10	
			<30	5-20	30	Sand beach	9
<i>Organics/ Fines</i>	NA	NA		31	Estuaries	10	
<i>Anthropogenic</i>	Man-made	NA	NA	32	Man-made, permeable	10	
				33	Man-made impermeable	10	
<i>Current-dominated</i>				34	Channel	10	