

TABLE 7. Summary of Biological Observations Made at Transect BP-3-B, 3.3 km West and Inshore of Barbers Point Ocean Outfall Terminus, on 20 June 1995

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Sponges						
<i>Spirastrella coccinea</i>	0.2					0.6
<i>Chondrosia chucalla</i>	0.3	0.7				0.1
Corals						
<i>Porites lobata</i>	1.4	3.1		4.2		
<i>Porites compressa</i>	1.0			0.2		
<i>Pocillopora meandrina</i>	0.1		0.6			0.1
<i>Montipora patula</i>	0.9			0.2		
Sand	1.0		3.0	3.0		5.0
Rubble	83.1	55.2	96.4	66.4		82.2
Hard Substratum	12.0	41.0		26.0		12.0

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	1				
Phylum Arthropoda					
<i>Dardanus</i> sp. (juv.)	1				
Phylum Echinodermata					
<i>Tripneustes gratilla</i>	8				
<i>Echinothrix calamaris</i>	8				
<i>Echinometra mathaei</i>	5				
<i>Heterocentrotus mammillatus</i>	1				

III. Fish Census (4 m ∞ 20 m)					
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29 Species					
156 Individuals					
Estimated Standing Crop = 128 g/m ²					

NOTE: Results of the 5-m² quadrat sampling (visual appraisal) of the benthic community are presented in Part I, counts of diurnally exposed macroinvertebrates are given in Part II, and a summary of the fish census is presented in Part III. Water depth is 16.5 m; mean coral coverage is 2.4% (visual quadrat method).