

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 21 February 1997

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Sponges						
<i>Spirastrella coccinea</i>	0.1	0.7		4.0		1.2
<i>Chondrosia chucalla</i>	0.2					0.3
Soft Corals						
<i>Anthelia edmondsoni</i>			0.1			
Corals						
<i>Porites lobata</i>	4.2	4.9	0.2	15.0		0.9
<i>Porites compressa</i>	0.8			2.3		0.2
<i>Pocillopora meandrina</i>	0.2	0.9		2.8		0.6
<i>Montipora patula</i>		2.1				0.1
<i>Pavona varians</i>						0.5
Sand			3.0			
Rubble	75.5	62.4	96.7	38.9		87.2
Hard Substratum	19.0	29.0		37.0		9.0

II. Macroinvertebrate Census (4 m $\infty$ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	4				
<i>Lithophaga</i> sp.	1				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	18				
Phylum Echinodermata					
<i>Echinometra mathaei</i>	19				
<i>Echinothrix calamaris</i>	3				
<i>Echinothrix diadema</i>	3				

III. Fish Census (4 m $\infty$ 20 m)					
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26 Species					
302 Individuals					
Estimated Standing Crop = 550 g/m <sup>2</sup>					

NOTE: Results of the 5-m<sup>2</sup> 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 7.1% (visual quadrat method).