

TABLE 3. Summary of Biological Observations Made at Transect BP-1-B, 2.2 km Inshore and Northeast of Barbers Point Ocean Outfall Terminus, on 19 June 1995

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Porolithon onkodes</i>	1.0					2.0
Sponges						
<i>Chondrosia chucalla</i>		0.1		1.1		
Soft Corals						
<i>Anthelia edmondsoni</i>		1.4	1.0	0.4		
Corals						
<i>Porites lobata</i>	12.0	3.8	2.0	4.0	86.0	
<i>Porites compressa</i>	4.0		2.1	4.0	4.0	
<i>Pocillopora meandrina</i>		0.8	0.1			
<i>Montipora patula</i>			1.7	1.4		
<i>Montipora flabellata</i>			0.4			
<i>Montipora verrucosa</i>			0.1			
Sand		5.0	5.0			
Rubble	32.0	65.9	46.6	61.1		
Hard Substratum	51.0	23.0	41.0	28.0	8.0	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca					
<i>Spondylus tenebrosus</i>	1				
<i>Octopus cyanea</i>	1				
<i>Lithophaga</i> sp.	1				
Phylum Annelida					
<i>Spirobranchus giganteus corniculatus</i>	7				
Phylum Echinodermata					
<i>Linckia diplax</i>	1				
<i>Echinothrix diadema</i>	3				

III. Fish Census (4 m ∞ 20 m)					
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38 Species					
410 Individuals					
Estimated Standing Crop = 109 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 15.8 m; mean coral coverage is 25.3% (visual quadrat method).