

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 11 January 1999

I. Quadrat Survey		Percent Cover				
		Quadrat Distance Along Transect				
		0 m	5 m	10 m	15 m	20 m
Algae						
<i>Porolithon onkodes</i>	0.7					3.0
Sponges						
<i>Chondrosia chucalla</i>		0.3	0.7	0.1		
Soft Corals						
<i>Anthelia edmondsoni</i>		0.3	0.4	1.2		
Corals						
<i>Porites lobata</i>	12.0	5.5	2.0	3.4	27.0	
<i>Porites compressa</i>	1.5	1.2		0.8	2.5	
<i>Pocillopora meandrina</i>	0.6	0.2	0.1	1.1	2.7	
<i>Montipora patula</i>			1.9	2.3		
<i>Montipora verrucosa</i>			0.1			
<i>Pavona duerdeni</i>			0.5			
Sand	2.0	9.0	14.0	4.0		
Rubble	37.2	69.5	65.3	48.1	7.0	
Hard Substratum	46.0	14.0	15.0	39.0	57.8	

II. Macroinvertebrate Census (4 m ∞ 20 m)	No. of Individuals				
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Phylum Mollusca	
<i>Spondylus tenebrosus</i>	1
<i>Lithophaga</i> sp.	4
Phylum Annelida	
<i>Spirobranchus giganteus corniculatus</i>	39
<i>Sabellastarte sanctijosephi</i>	1
Phylum Echinodermata	
<i>Echinothrix diadema</i>	3
<i>Tripneustes gratilla</i>	1
<i>Echinometra mathaei</i>	1

III. Fish Census (4 m ∞ 20 m)					
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41 Species					
419 Individuals					

Estimated Standing Crop = 211 g/m ²					
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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 ranges from 14.9 to 15.8 m; mean coral coverage is 13.1% (visual quadrat method).