

TABLE 5. Summary of Biological Observations Made at Transect BP-2-B, 250 m East of the Discharge Pipe and 1.5 km Inshore and Northeast of Barbers Point Deep Ocean Outfall Terminus (Station BP-2), May 1993

		Percent Cover				
I. Quadrat Survey		Quadrat Distance Along Transect (m)				
		0	5	10	15	20

Algae						
<i>Sphacelaria furcigera</i>	1	1.5	1		1	
Sponges						
<i>Chondrosia chucalla</i>			0.3		0.1	
<i>Spirastrella coccinea</i>	0.2					
Soft Corals						
<i>Anthelia edmondsoni</i>	0.1	0.1	0.1		0.1	
Corals						
<i>Porites lobata</i>	0.1	3	1.2	0.3	0.2	
<i>Pocillopora meandrina</i>			0.5			
<i>Montipora verrucosa</i>			0.2			
Sand	20	2	4	5		
Hard Substratum	78.6	93.4	92.7	94.7	98.6	

II. Macroinvertebrate Census (4 ∞ 20 m)	No. of Individuals					
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Phylum Mollusca						
<i>Conus lividus</i>	1					
Phylum Arthropoda						
<i>Aniculus strigatus</i>	1					
Phylum Echinodermata						
<i>Echinostrephus aciculatum</i>	10					
<i>Echinothrix calamaris</i>	1					

III. Fish Census (4 ∞ 20 m)						
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12 Species						
21 Individuals						
Estimated Standing Crop = 11 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 ranges from 11.3 to 11.9 m; mean coral coverage is 1.1% (visual quadrat method).