

## • Annexure C: Material Samples

### SEDIMENT GRAIN SIZE ANALYSIS

#### 1. ANALYSIS OF SEDIMENT SAMPLES TAKEN FROM THE BASIN

Samples were taken on 25 and 26 May 1994 as follows:-

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|-------------|--|
| 1. A-180    | Fine sand, shell, loosely compacted                      |
| 2. F-100    | Fine sand, shell, loosely compacted                      |
| 3. F-200    | Fine sand, shell, loosely compacted                      |
| 4. F-350    | Organic mud, shell, loosely compacted                    |
| 5. K-350    | Organic mud, shell, loosely compacted                    |
| 6. K-250    | Fine sand, shell, surface organic mud, loosely compacted |
| 7. K-100    | Fine sand, shell, moderately compacted                   |
| 8. W-200    | Fine sand, shell, moderately compacted                   |
| 9. 1CRF1PO  | Organic mud, shell, moderately compacted                 |
| 10. 2CRF3PO | Organic mud, shell, moderately compacted                 |

Grid references refer to the basin bathymetric grid system. All samples were taken approximately 250 mm below the seabed surface. In the loosely compacted organic mud found at stations F-350 and K-350 the diver was able to insert his arm to the elbow into the material with little effort. The organic material immediately in front of the pumphouse was more compact and had a very high concentration of mussel shell.

Additional samples were taken on 14 September 2000 as follows:-

11. D-150
12. I-150
13. P-150
14. W-200
15. W-100