



RIVER HAMBLE TO PORTSMOUTH HARBOUR ENTRANCE

SEDIMENT TRANSPORT

Spring 2013

Sediment Transport Mechanism

- LT Littoral (beach) drift
- E Cliff or coastal slope erosion input
- F Wave-driven offshore to onshore
- FL Fluvial Sediment Transport
- EO Estuarine sediment transport

Sediment Types Involved in Transport

- Gravel
- Sand
- Sand and Gravel
- Sand and Silt/Clay
- Silt/Clay

Volume of Sediment Flow

- No quantitative data
- < 1 000 m³/a
- 1 000 - 3 000 m³/a
- 3 000 - 10 000 m³/a

Reliability of Information

- Low
- Medium

Other

- Photograph Sites
- Littoral drift divergence zone
- Sediment shoals/stores
- Recharge

