

**Arthur D Little**

# Station Log

Station ID Z1 R20

Date 7/14/97  
Time 2018 - 2058

Client MMS  
Project 1997 SS/OCI  
Case No. 32319

## Sediment Quality in Depositional Areas of Shelikof Strait and Outermost Cook Inlet

### Sampling Location

Zone 1 Station Number R20 Random Fixed/Alternate \_\_\_\_\_  
Latitude 58° 54.47 Longitude 153° 05.74  
Instrument GPS

### Observations

Wind Speed 8 kt. Wind Direction 200° Seas 200° 1 ft.  
Sediment Texture (check all applicable):  
>50% silt/clay ☒ Fine ☒ Course Sand \_\_\_\_\_ Gravel \_\_\_\_\_ Shell Hatch \_\_\_\_\_ Mixed \_\_\_\_\_  
Indications of Anoxia: Yes \_\_\_\_\_ No \_\_\_\_\_ Comment \_\_\_\_\_  
Hydrogen Sulfide Odor: Yes \_\_\_\_\_ No \_\_\_\_\_ Comment \_\_\_\_\_  
Comments: \_\_\_\_\_

### Field Measurements

Water Depth 171  
Conductivity, Temperature Depth (CTD) ☒ CTD Depth 156  
SPI Images ☒

### Samples Collected

**Surface Sediments:** Van Veen Grab ☒ Box Core \_\_\_\_\_ No. of Replicates 1  
Organics ☒ Metals ☒ Grain Size ☒ TOC ☒ RGS-P450 \_\_\_\_\_  
Sediment Toxicity \_\_\_\_\_ AVS/SEM \_\_\_\_\_ Field Blank \_\_\_\_\_ Equipment Blank \_\_\_\_\_

### Box Cores: None

Geochronology Core \_\_\_\_\_ Additional Cores \_\_\_\_\_

### Fish Captured: None

Arrowtooth flounder \_\_\_\_\_ Yellowfin sole \_\_\_\_\_ Flathead sole \_\_\_\_\_  
Butter sole \_\_\_\_\_ Rock sole \_\_\_\_\_ Sablefish \_\_\_\_\_ Greenland turbot \_\_\_\_\_  
Pacific halibut \_\_\_\_\_ (circle species collected for analysis)

Comments Replaces Z1-R11 fine surface silt w/ fine sand underneath, marginal but acceptable

### Field Personnel

Signature: Day Shift  
Date: 7/14/97