

**Arthur D Little**

# Station Log

Station ID Z1R12

Client MMS

Project 1997 SS/OCI

Case No. 32319

Date 7-14-97

Time 0548 - 0559

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

### Sampling Location

Zone 1 Station Number R12 Random/Fixed/Alternate RANDOM  
Latitude 58°32.87 Longitude 153°31.69  
Instrument GPS

### Observations

Wind Speed 2 kt Wind Direction variable Seas 220 1.5 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 118 122 m.  
Conductivity, Temperature Depth (CTD) ☒ CTD Depth   
SPI Images ☒

### Samples Collected

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

### Box Cores:

Geochronology Core ☐ Additional Cores ☐

### Fish Captured:

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

### Comments

### Field Personnel

NIGHT SMILEY  
Signature: gp Jang Date: 7-14-97