

**Arthur D Little**

# Station Log

Station ID Z3-R1  
Client MMS  
Project 1997 SS/OCI  
Case No. 32319

Date 7/10/97  
Time 1335-1510

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

### Sampling Location

Zone 3 Station Number 01 Random/Fixed/Alternate Random  
Latitude 57° 23.8' Longitude 155° 40.47'  
Instrument GPS

### Observations

Wind Speed 23 Wind Direction 050 Seas 1.5 M  
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: POSSIBLY OVERPENETRATED, DISTURBED SURFACE

### Field Measurements

Water Depth 284 M  
Conductivity, Temperature Depth (CTD) ☒ CTD Depth 200 M  
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: NO

Geochronology Core ☐ Additional Cores ☐

### Fish Captured: NO

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

Comments HIGH WINDS AND SEAS MADE SAMPLING DIFFICULT  
VAN VEEN "DRE" TRIPPED SEVERAL TIMES  
SPI CAMERA MAY HAVE AS WELL.

Field Personnel NAVYJON HOWELL, TROLINE, KANG, JARK

Signature: gpn Date: 7.10.97