

**Arthur D Little**

# Station Log

Station ID ZIF1

Date 7/13/97  
Time 0821Z 1751-2108

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 FL Random ☒ Fixed ☐ Alternate ☐  
Latitude 58°27.72 Longitude 153°23.21  
Instrument GPS

### Observations

Wind Speed 14 kt. Wind Direction 220° Seas 220° @ 3 ft.

Sediment Texture (check all applicable):

>50% silt/clay ☒ Fine ☐ Course Sand ☐ Gravel ☐ Shell Hatch ☐ Mixed ☐

Indications of Anoxia: Yes ☒ No ☐ Comment at depth in core

Hydrogen Sulfide Odor: Yes ☐ No ☒ Comment

Comments:

### Field Measurements

Water Depth 195 m.  
Conductivity, Temperature Depth (CTD) ☒ CTD Depth 195m  
SPI Images ☒

### Samples Collected

**Surface Sediments:** Van Veen Grab ☒ Box Core ☒ No. of Replicates 3  
Organics ☒ Metals ☒ Grain Size ☒ TOC ☒ RGS-P450 ☒  
Sediment Toxicity ☒ AVS/SEM ☒ Field Blank ☐ Equipment Blank ☐

### Box Cores:

Geochronology Core 1 Additional Cores 1 chem, 1 Archive

### Fish Captured: None

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

Comments Rep 1 = VanVeen, Rep 2 = VanVeen Rep 3 = Box Core  
AVS/SEM from Rep 1. Tox and RGS from composite  
of all 3 replicates.  
1 gravity core collected (3rd deployment was successful)

Field Personnel Day shift.

Signature: [Signature] Date: 7/13/97