

**Arthur D Little**

# Station Log

Station ID ZZF1

Client MMS

Project 1997 SS/OCI

Case No. 32319

Date 7/12/97

Time 1832 - 2030

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

### Sampling Location

Zone 2 Station Number 1 Random/Fixed/Alternate Fixed  
Latitude 57 58.96 Longitude 154° 21.43  
Instrument GPS

### Observations

Wind Speed 5 kts Wind Direction 050 Seas 050 1.5 ft.

Sediment Texture (check all applicable):

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

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

Hydrogen Sulfide Odor: Yes ☐ No ☒ Comment

Comments:

### Field Measurements

Water Depth 287 m  
Conductivity, Temperature Depth (CTD) ☒ CTD Depth 200 m.  
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 Chemistry, 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 Tox, RGS from composite of 2 grabs and box core. AVS/SEM from 1st grab.  
Grab 1 = Rep 1, Grab 2 = Rep 2, box core = Rep 3.

### Field Personnel

The Day Shift w/ T. Hammermeister

Signature: John S. Brown

Date: 7/12/97