

**Arthur D Little**

# Station Log

Station ID 23215  
Client MMS  
Project 1997 SS/OCI  
Case No. 32319

Date 7/12/97  
Time 1100 - 1145

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

### Sampling Location

Zone 3 Station Number 15 Random Fixed/Alternate \_\_\_\_\_  
Latitude 57°21.38 Longitude 155°25.20  
Instrument GPS

### Observations

Wind Speed 1 kt Wind Direction variable Seas calm 1 ft swell  
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 269 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 ☒ 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 Zone 3 is finished !!  
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\_\_\_\_\_  
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### Field Personnel

J. Brown, T. Coogan, J. Trefry, P. Johnson, S. Metz, T. Hammermeister

Signature: [Signature] Date: 7/12/97