

**Arthur D Little**

# Station Log

Station ID Z3R9

Client MMS

Project 1997 SS/OCI

Case No. 32319

Date 7/11/97  
Time 1921 - 1937

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

### Sampling Location

Zone Z3 Station Number R9  
Latitude 57°38.20 Longitude 154°45.97  
Instrument GPS

Random/Fixed/Alternate

### Observations

Wind Speed 17 kts Wind Direction 060 Seas 060 @ 4.5 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 ~~220~~ 229

Conductivity, Temperature Depth (CTD) ☒ CTD Depth 200

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:

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 good surface on grab ~1 cm overlying water

Field Personnel J. Brown, J. Frey, T. Coogan, P. Johnson, S. Metz.

Signature: [Signature] Date: 7/11/97