

**Arthur D Little**

# Station Log

Station ID 71R18

Client MMS

Project 1997 SS/OCI

Case No. 32319

Date 7-14-97

Time 0259-0340

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

### Sampling Location

Zone 1 Station Number 18

Latitude 58° 21.35' Longitude 153° 41.84'

Instrument GPS

Random/Fixed/Alternate RANDOM  
ALTERNATE FOR R10

### Observations

Wind Speed 12 Wind Direction 210 Seas 0-8m

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 144m

Conductivity, Temperature Depth (CTD) ☒

CTD Depth 144m

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:** N/A

Geochronology Core ☐ Additional Cores ☐

**Fish Captured:** N/A

Arrowtooth flounder ☐ Yellowfin sole ☐ Flathead sole ☐

Butter sole ☐ Rock sole ☐ Sablefish ☐ Greenland turbot ☐

Pacific halibut ☐ (circle species collected for analysis)

### Comments

Field Personnel NIGHT SHIFT

Signature: GP Nuyt

Date: 7-14-97