

**Arthur D Little**

# Station Log

Station ID 20-F5

Date 7/5/97

Client MMS

Time 0506 - 0622

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 F5

Random ☒ Fixed ☐ Alternate ☐

Latitude 58° 08.66

Longitude 153° 28.11

Instrument GPS

### Observations

Wind Speed Calm Wind Direction \_\_\_\_\_

Seas Calm

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 42 m

Conductivity, Temperature Depth (CTD) ☒

CTD Depth \_\_\_\_\_

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

### Field Personnel

Night Shift / Day Shift (camera only)

Signature: John Brown for GNL

Date: 7/5/97