

Arthur D Little

Station Log

Station ID 23 F1

Client MMS

Project 1997 SS/OCI

Case No. 32319

Date 7.10.97

Time 0707 - 0942

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

Sampling Location

Zone 3 Station Number F1

Random/Fixed/Alternate FIXED

Latitude 57°36.72 Longitude 155°21.03

Instrument GPS

Observations

Wind Speed 6 kts Wind Direction 060

Seas 180° @ 2 ft.

Sediment Texture (check all applicable):

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

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

Hydrogen Sulfide Odor: Yes ☐ No ☒ Comment

Comments: good surface layer

Field Measurements

Water Depth 336

Conductivity, Temperature Depth (CTD) ☒

CTD Depth 310 m

SPI Images 3

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 chemistry / Archive

Fish Captured:

Arrowtooth flounder ☐ Yellowfin sole ☐ Flathead sole ☐
Butter sole ☐ Rock sole ☐ Sablefish ☐ Greenland turbot ☐
Pacific halibut ☐ (circle species collected for analysis)

Comments Box core did not trip on 1st deployment, good core penetration on 2nd deployment.

Field Personnel

Day Shift Brown, Trefry, Metz, Gold, Coogan, Johnson & Hammermeister

Signature: John J. Brown

Date: 7/10/97