

Arthur D Little

Station Log

Station ID Z3R1a

Date 7/10/97

Time 1311 - 1740

Client MMS

Project 1997 SS/OCI

Case No. 32319

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

Sampling Location

Zone 3 Station Number 01a Random/Fixed/Alternate Random
Latitude 57°22.75 Longitude 155°37.11
Instrument GPS

Observations

Wind Speed 27 kt Wind Direction 055° Seas 6'

Sediment Texture (check all applicable): NO

>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 280 m
Conductivity, Temperature Depth (CTD) NO CTD Depth NA
SPI Images NO

Samples Collected NO BB 7/10/97

Surface Sediments: Van Veen Grab _____ Box Core _____ No. of Replicates _____
Organics livers Metals livers Grain Size _____ TOC _____ RGS-P450 liver, gill, kidney
Sediment Toxicity _____ AVS/SEM _____ Field Blank _____ Equipment Blank _____

Box Cores: NO

Geochronology Core _____ Additional Cores _____

Fish Captured:

* Sablefish = Black cod

Arrowtooth flounder 1 Yellowfin sole 0 Flathead sole 0
Butter sole 0 Rock sole 0 Sablefish 6 Greenland turbot 0
Pacific halibut 7 (circle species collected for analysis) Pacific cod 13/12
Skate 2 (1 big) pacific steephead 1
Salmon shark 1

Comments Variety of fish caught. May use more hooks next time.
Pacific cod and shark returned to sea. Others held in
on-deck tank. Composite liver samples for Sablefish & Halibut.
for ~~P450~~ chemistry (leach). 5 Sable fish, 7 halibut & 1 arrowtooth Fl. for P450
ASB

Field Personnel Naughton, Howell, Kang, Prentki, Coogan, Gold, Brown, Trefry, Metz, Tracine

Signature: Chris Arnold EB Brown Date: 7/10/97