

Arthur D Little**Station Log**
Sediment SamplingClient: MMS
Project: 1998 SS/OCI
Case No.: 32319Date 7/7/98
Time 1300**Sediment Quality in Depositional Areas of Shelikof Strait and Outermost Cook Inlet 1998**Sampling Location: Ninilchik BluffLocation Type: Coal source sampleZone — Station Number — Random/Fixed/Alternate
Latitude 60°02.33N Longitude 151°44.32W (circle all that apply)**Field Observations and Measurements:**Wind Speed — Wind Direction — Seas —
Water Depth —Conductivity, Temperature Depth (CTD) — CTD deployed to Depth of —Surface Sediments: Van Veen Grab — (number) Box Core — (number)

Analyses:

Organics	Metals	Grain Size	TOC	RGS-P450	Toxicity
✓	TBD	—	TBD	—	—

Comments:

Sediment Cores: Chemistry Core — Geochronology Core — Archive Core —Additional Cores —

Comments:

**Sediment Texture and Observations** (check all that apply):>50% silt/clay — Fine — Course Sand — Gravel — Shell Hatch — Mixed —
Indications of Anoxia: Yes — No ✓ H₂S Odor: Yes — No ✓Comments: Slight petroleum odor inside. Outside weathered, no odor.
Coal seam was ~ 1 foot thick, and ~ 100 feet up in bluff.
Carried an eroded section to beach + broke it open. Coal was more layered and less compact.**Quality Control Samples:**QC Samples: Field Blank — Equipment Blank — Type: —

Description:

Personnel: CH, GN**Overall Comments:**Coal samples were collected from coal seam in Ninilchik Bluff. A large piece (~12-14") was broken and less-weathered pieces from center were collected as sample. Large weathered pieces of coal were prevalent on the beach here.Signature: Chet ArnoldDate/Time: 7/2/98 1400