Amoco Production Company

Surface Log

Name BOLD CAPE

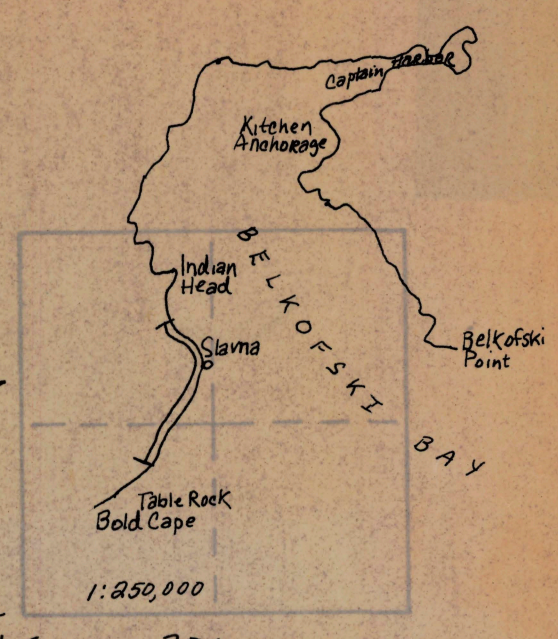
AREA OR QUAD COLD BAY QUAD STATE ALASKA

LOCATION Sec 29,31,32 35,36 TWN 59S 59S RNG 85W 86W

MEASURED BY WILLIAMS, Pierce, SMIRNOV Brown DATE June 1977

INTERVAL BELKOFSKI

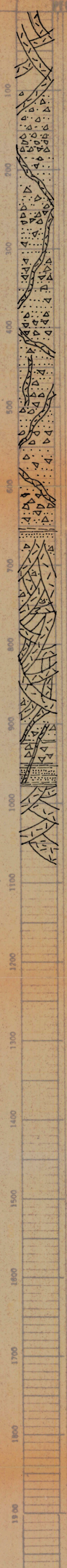
REMARKS Section measured along sea cliffs of Bold Cape on the SE limb of large SW-NE Trending anticline. Field relationships indicate this section is younger than Seaweed Cove & Section 201



LOCATION 55° 03' N 162° 12' W

PLOTTED BY WILLIAMS DATE 6/77

PERIODS	EPOCHS	GROUP or FM.	MEMBER	FOSSILS	CORES	SHOWS	DEPTH	LITHOLOGY	POROSITY	SAMPLES	DESCRIPTION
TERTIARY	EOCENE - OLIGOCENE ?	BELKOFSKI									



Dike complex - section ends in pervasive intrusive sequence.

— Top of Section

Intertidal beach exposures:
Purple breccias & volcanoclastic tuffs & agglomerate, very tite and hard, up to 50% Dike material

↓ Sea Cliff exposures
Thickly bedded - purple & green Volcanic breccias, agglomerates and tuffs - sli meta, well indurated
Cut by many intrusive andesite dikes

Ash flow tuffs - grn, breccias
Green volcanoclastics - metamorphosed

AP4005PS, 4006SR Mudstone, blk, hard, meta, blocky
SS, gry-grn, silty-vcg, poorly srt., rhythymic bedding, tite, sli meta, gravel to 1" in dia.

Highly Altered & fractured intrusive complex
1/2 - 3/4 mile of beach cliff section

Massive greenstone, agglomerate, volc. breccia very hard & tite

AP4003PS, 4004SR Shale, blk, blocky, slaty, highly jointed
AP4000PS, 4001PS SS grn-gry, f-mg, lith, arg., arkose, poorly srt, tite, carb.
AP4002PS START - Base of Section Mudstone, blk, shly, 1-2" coal seam.

Porphyritic, Andesite Dike Complex