Amoco Production Company

Surface Log

Name: CAPE TACHILNI - 77

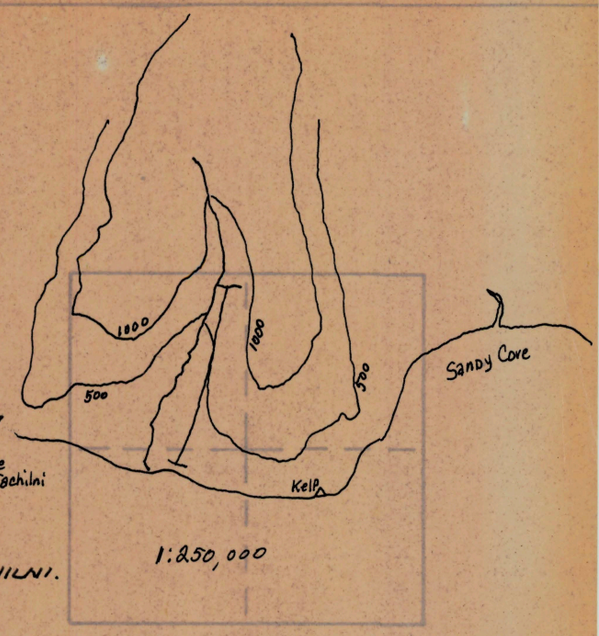
AREA OR QUAD: FALSE PASS QUAD STATE: ALASKA

LOCATION: Sec. 36 TWN 60S RNG 90W

MEASURED BY: WILLIAMS, Brown, Smirnov DATE: 6/14/77

INTERVAL: TACHILNI FORMATION OF BURKE

REMARKS: SECTION MEASURED IS 1/4 mile WEST OF previously measured SECTION 5022 CAPE TACHILNI.



LOCATION: 54° 56' N 162° 51' W

PLOTTED BY: WILLIAMS DATE: 6/77

PERIODS	EPOCHS	GROUP or FM.	MEMBER	AGES (Stages)	FOSSILS	CORES	SHOWS	DEPTH	LITHOLOGY	POROSITY	SAMPLES	DESCRIPTION
TERTIARY	MIO-PLIOCENE	TACHILNI FM.			Numerous Pelecypods Gastropods Occasional Echinoderms ~=shells			100 200 300 400 500 600			140' AP 4007 PS 180' AP 4008 PS 185' AP 4009 PP 230' AP 4010 PS 260' AP 4011 PS 340' AP 4012 PS 375' AP 4013 F AP 4014 PS	Top of Section at highest exposure on Sea Cliffs. Volcanic debris flow 2-4' boulders - SS matrix Conglomerate - volcanic cobbles 6-10" rounded Conglomeratic SS, tan c-ucg, 1-2" pebbles, interbedded w/ SS, cg, carb, arg, ps subang, fria, lithic arkose Poor exp SS tan cg, vps, fria SS, tan to gry, m-cgr, vps, arg, lithic, arkosic, foss, thinly bedded w/mudstone & cong. lenses. 6' zone of volc. ash, pumice w/gry mudstone. SS, tan-gray, m-cg, vps, highly foss, strag pebbles to 1", arg, lithic, arkosic, fria, sli carb, massive to well bedded. many articulated peleg pods - X-strata SS, gry, cg, pebbly, floating cobbles, foss, vps, thin mudstone interbeds, mud walled vert. burrows, sli bioturbated, SS - as above, some concretion SS tan-gry, mg, mod srt, fria, well bedded very arg, lithic, arkose, cut & fill structure. SS, gry, f-mg, silty, very arg, thin mudstones foss, friable, well bedded. End of Section - covered w/ grass last 25 feet to the beach. ~ = shells