

Amoco Production Company

Surface Log

Name Windy Mt. 3022
 AREA OR QUAD Port Heiden STATE Alaska
 LOCATION Sec 30SE/4WN 41SRNG 59W
 MEASURED BY L. Smirnov, B. Connelly DATE 8/26/77
 INTERVAL Pliocene?

REMARKS The beginning of the section at the top of Mt 3022, the end - at the elevation 1660' base of valley. Measured down section

LOCATION 56°35' N 158°37' W

PLOTTED BY L. Smirnov DATE 9/7/77

PERIODS	EPOCHS	GROUP or FM	MEMBER	AGES (Dates)	FOSSILS	ORES	SHOWS	DEPTH	LITHOLOGY	POROSITY	SAMPLES	DESCRIPTION
								100				
								200				
								300				
								400				
								500				
								600				
								700				
								800				
								900				
								1000				
								1100				
								1200				
								1300				
								1400				
								1500				
								1600				
								1700				
								1800				
								1900				
								2000				
								2100				
								2200				
								2300				
								2400				

Lava flow - porphyritic pyroxene andesite

Tuffaceous congl. and ss. Pure exposed.

Agglomerates, clasts of red andesite porphyry with plag. phenocrysts and gray andesite porphyry - hornblende phenocrysts.

Ss, gray, m-fg, poorly sorted, poorly cemented, porous, volcanogenic; thin breccia lenses; gray tuff, at the base up to 2' thick.

Medium to thick interbedded ss and congl. Congl. gray, pebble to boulder size, volcanic clasts with tuffaceous matrix. Ss brown-gray, m-cg, pure cemented, good porosity, tuffaceous locally ss lenses in congl.

Conglomeratic ss, gray-brown, f-cg, moderately sorted, poorly cemented, good porosity, clasts - volcanic and feldspathic; local sorted with heavy minerals interlayers. Occasional lenses of conglomerates.

Agglomerates, black, brown, gray, red, composed of different volcanic rocks, v. big clasts.

AP-2249-50 G
2251 PF

AP 2250 G: 14.9 myBP
- too old - see text.

Covered interval

Summary: Section composed of agglomerates and volcanic conglomerates and ss.

Pliocene?