

Amoco Production Company

Surface Log

Name North Unga Island
 AREA OR QUAD Port Moller STATE Alaska
 LOCATION Zachary Bay Sec. X T1N 55S R74 75W
 MEASURED BY L. Smirnov DATE June 77
 INTERVAL Unga Conglomerates
 REMARKS This section exactly at the place Burk's section 16a along Unga strait (see another section - Zachary Bay)

Recovery
 G = Good
 O = Pollen Recovery

LOCATION 55° 21' N 160° 41' W
 PLOTTED BY L. Smirnov DATE June 25/77

X) Sec. 24 - T55S, R75W
 Sec. 19, 29, 30 - T55S, R74W
 Sec. 5 - T56S, R74W

PERIODS	EPOCHS	GROUP or FM.	MEMBER	AGES (Stages)	CORES	SHOWS	DEPTH	LITHOLOGY	POSSIBILITY	SAMPLES	DESCRIPTION
							0'				Top of the section placed at the first outcrop to the west of Unga Spit
							45'				Unit 1 ss-green-gray, vc-g, extremely poorly sorted, angular, contains volcanic gravel size material, massive
							117'				Unit 2 conglomerate-dark, vc-g, clasts of volcanic rocks, ss, argillite up to 6', rounded, matrix-vc-g ss, a lot of wood debris
							135'				Unit 3 Interbedded: ss-gray-brown c-f-g, poorly sorted, lithic and volcanic clasts, carbonaceous with calcareous ss concretions; thin conglomeratic interbeds with lithic and volcanic clasts.
							157'				Unit 4 Breccia-dark, angular clasts, up to 4' of volcanic rocks, lenses of ss as above.
							200'				Unit 5 Tuff-yellowish, weathered with argillite lenses and silicified wood debris.
							240'				Interbedded: ss, breccias and conglomerates as above
							280'				Tuff-yellowish with volcanic debris up to 3' and a lot of wood fragments.
							295'				Breccia as in Unit 4
							305'				Unit 6 Conglomeratic ss-brown, poorly sorted, subrounded volcanic and lithic, argillaceous massive matrix. There are thin mudstone lenses up to 1" thick
							375'				Interbedded: ss-f-g, tan-yellow, friable, moderately sorted, arkosic, cross-bedded, silty argillites.
							398'				Conglomerate-volcanic and lithic clasts up to 3', argillite
							463'				ss and argillites as above
							500'				Conglomerate as above
							633'				End of the section placed at the beach.
							700'				
							800'				
							900'				
							1000'				
							1100'				
							1200'				

(xx) This breccia is a correlative horizon at long distance along Zachary Bay's cliff.