Amoco Production Company

Surface Log

Name: Mcginty Point Section

AREA OR QUAD: Port Moller STATE: Alaska

LOCATION: Beaver Bay Sec. 17, 20S, 54S RGE 76W

MEASURED BY: L. Smirnov, G. Brown, D.S. Williams DATE: June 77

INTERVAL: Stepovak Fm.

REMARKS: This section exactly at the place Burk' section #11

LOCATION: 55° 29' N 160° 58' W

PLOTTED BY: L. Smirnov DATE: June 29/77

SAMPLES	DESCRIPTION
Unit 9	Top of section – sea cliff 0.4 mile to the north of McGinty Pt.
	Covered interval: siltstones, shales and ss as below.
	Interbedded: siltstones, brown-gray, micaceous, carbonaceous with calcareous concretions; argillaceous shale dark, micaceous, pyritic; occasional ss green-gray, f-mg, moderately sorted, massive, carbonaceous, volcanic and lithic clasts; occasional argillaceous bentonite up to 8" thick. Common plant fragments.
AP 3101 PF	
AP 3100 PF	
AP 3099 PF	
AP 3098 PF	
AP 3097 PF	
AP 3096 SR 3093 PF	
AP 3094 PF	
AP 3093 PF	
AP 3092 PF	
AP 3091 PF	
Unit 8	
AP 3090 SR 3089 PF	Interbedded: ss, siltstones as below with several argillaceous shale and occasional thin conglomerates layers
	Symmetrical ripple marks. Strike N15E
AP 3088 PF	
AP 3087 PF	
Unit 7	Thin-bedded: ss, gray, m-fg, moderately sorted, lithic and volcanic clasts, bedded and massive up to 40' with occasional thin conglomerates, composed of volcanic clasts, there are ripple marks, oriented N 50 E; siltstones, gray-green, massive. Common plant fragments.
AP 3086 PF	
AP 3085 PF	
AP 3084 PF	
Unit 6	Bentonite with clearly up to 2-3', composed of volcanic and pyroclastic socks. Interbedded ss, siltstones, and argillaceous shale as below
AP 3083 PF	Conglomerate, conglomeratic ss – gray, poorly sorted, large clasts, with up to 50% of marine fossils
Unit 5	Interbedded: siltstones and argillaceous shale with occasional interbeds ss and conglomerates up to 3' thick, as below.
AP 3080 SR 3079 PF	
AP 3078 PF	
AP 3077 PP	Ss, gray, m-fg, poorly sorted, angular, with pyrite and coaly, with volcanic rocks, lot of marine fossils
Unit 4	
AP 3076 SR 3075 PF	Siltstone and argillaceous shale as below, up to 6" thick with thin volcanic ss – dark, fg, poorly sorted with gravels clasts and marine fossils.
AP 3074 PF	
AP 6001 F	
AP 3073 SR 3072 PF	
AP 3071 PF	
AP 3070 SR 3069 PF	(See samples 67-68 below)
Unit 3	
AP 3062 PP AP 3061 PF	Interbedded: siltstones and argillaceous shale with calcareous concretions as below; ss – as below, up to 10' thick with marine fossils, volcanic ss – dark, c-fg, poorly graded, thickness up to 2'.
AP 3060 SR AP 3059 PF	
AP 3058 PF	
AP 3056 F.L. AP 3057 PP	Ss, gray, m-fg, poorly sorted, angular, massive, carbonaceous. A lot of coquinoids of calcareous ss and marine fossils
AP 3055 SR	Argillaceous shale, gray, weathered
AP 3054 PF Unit 2	Siltstones-gray with subordinate calcareous ss concretions; interbedded to 8" thick ss c-fg, poorly sorted with mudstone lot of ss, some bedded, some massive, composed mainly of volcanic clasts & ss-gray, m-fg, sorted, massive with lithic and volcanic clasts, carbonaceous, up to 4' thick.
AP 3052 SR	
AP 3051 PF	
AP 3050 PF AP 3049 SR	
	Covered interval, probably the same rocks as below and above.
AP 3048 SR 3047 PF	Approximately at this level collected samples from outcrop at the distance 1 mile to NW. Argillaceous shale
AP 3046 PF	
AP 3045 SR AP 3044 PF	
Unit 1	
AP 3047 PF	Mainly siltstones and argillaceous shale as above with occasional interbeds of ss up to 3' thick, carbonaceous.
	Andesite? seal
	Base of section at the sea cliff

Line

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