FIGURE F-6

HIGH RESOLUTION FORAMINIFERA DISTRIBUTION CHART

MICROPALEO CONSULTANTS

WELL NAME	:PANAM HOODOO LAKE UNIT NO.1	API NUMBER	:50-211-20003	KELLY BUSHING	:141 FEET
PROJECT	:NORTH ALEUTIAN BASIN BIOSTRATIGRAPHY PROJECT	LOCATION	:SEC. 21, T50S/R76W SM	BASIN :NORTH ALEUTIAN	DATE :JUNE 2005
PALEONTOLOGIST	:MICHAEL B. MICKEY	TOTAL DEPTH	:8,041 FEET	STATE :ALASKA	PROJECT :25-104

RELATIVE ABUNDANCE KEY

- = NOT PRESENT
- = 1 TO 1 VERY RARE
- = 2 TO 4 RARE
- = 5 TO 25 FREQUENT
- = 26 TO 100 COMMON
- = 101 TO 999 ABUNDANT
- = 1000 TO 99,999 PROLIFIC

SPECIES LOCATION INDEX

[11] BARREN OF FORAMINIFERA
[5] BOLIVINA CF. NUMEROSA
[6] BUCCELLA FRIGIDA
[4] BUCCELLA TENERRIMA
[2] BUCCELLA TENERRIMA
[17] CALCISPHERES
[10] CIBICIDES SP.
[24] COAL
[12] DIATOMS
[3] ELPHIDIELLA CF. HANNAI
[1] ELPHIDIUM AFF. OREGONENSE
[9] ELPHIDIUM CF. ACUTUM
[7] ELPHIDIUM CLAVATUM
[8] ELPHIDIUM? SP.
[21] FISH DEBRIS
[26] GLAUCONITE
[19] MEGASPORES
[14] PLANT DEBRIS
[25] PYRITE
[13] PYRITIZED DIATOMS
[18] SHELL FRAGMENTS
[16] SPICULES
[15] STERRASTERS
[20] STERRASTERS?
[23] VOLCANIC GLASS SHARDS
[22] WELL CEMENT

FAUNAL DIVERSITY (FILLED) — 0, 5, 10, 15, 20

TOTAL FAUNA — 0.8, 10, 100, 1000

CUMULATIVE FAUNAL PLOT (%) — 0, 25, 50, 75, 100

- TOTAL AGGLUTINATED
- TOTAL CALC BENTHICS
- TOTAL PORCELLANEOUS
- TOTAL PLANKTICS
- TOTAL RADIOLARIA

FORAMINIFERA: [1] ELPHIDIUM AFF. OREGONENSE; [2] BUCCELLA TENERRIMA; [3] ELPHIDIELLA CF. HANNAI; [4] BUCCELLA TENERRIMA; [5] BOLIVINA CF. NUMEROSA; [6] BUCCELLA FRIGIDA; [7] ELPHIDIUM CLAVATUM; [8] ELPHIDIUM? SP.; [9] ELPHIDIUM CF. ACUTUM; [10] CIBICIDES SP.; [11] BARREN OF FORAMINIFERA

MISC.: [12] DIATOMS; [13] PYRITIZED DIATOMS; [14] PLANT DEBRIS; [15] STERRASTERS; [16] SPICULES; [17] CALCISPHERES; [18] SHELL FRAGMENTS; [19] MEGASPORES; [20] STERRASTERS?; [21] FISH DEBRIS

ROCKS, MINS., ETC.: [22] WELL CEMENT; [23] VOLCANIC GLASS SHARDS; [24] COAL; [25] PYRITE; [26] GLAUCONITE

PALEOENVIRONMENTS: Nonmarine; Marginal Marine; Inner Neritic; Middle Neritic; Outer Neritic; Upper Bathyal; Middle Bathyal; Lower Bathyal; Distal; Marine (Undiff.)

AGE	STAGE/ZONE		SAMPLE DEPTH (FEET)	SAMPLE DEPTH (FEET)	WASHED LITHOLOGY DESCRIPTION
TERTIARY	POSSIBLE PLIOCENE	UNDIFFERENTIATED	90-180	90-180	YELLOWISH-BROWN IRON-STAINED LITHIC (VOLCANIC) SANDSTONE
			180-260	180-260	ORANGE-BROWN IRON-STAINED LITHIC (VOLCANIC) SANDSTONE
			260-350	260-350	ORANGE-BROWN IRON-STAINED LITHIC (VOLCANIC) SANDSTONE
			350-440	350-440	ORANGE-BROWN IRON-STAINED LITHIC (VOLCANIC) SANDSTONE
			440-530	440-530	GRAY MEDIUM GRAINED MUDDY LITHIC (VOLCANIC) SANDSTONE
			500-560	500-560	NO WASHED LITHOLOGY
			530-620	530-620	DARK BROWNISH-GRAY MEDIUM GRAINED LITHIC (VOLCANIC) SANDSTONE
			620-710	620-710	DARK BROWNISH-GRAY MEDIUM GRAINED LITHIC (VOLCANIC) SANDSTONE
			680-740	680-740	NO WASHED LITHOLOGY
			710-800	710-800	DARK BROWNISH-GRAY MEDIUM GRAINED LITHIC (VOLCANIC) SANDSTONE
			770-830	770-830	NO WASHED LITHOLOGY
			800-890	800-890	DARK BROWNISH-GRAY MEDIUM GRAINED LITHIC (VOLCANIC) SANDSTONE
			860-920	860-920	NO WASHED LITHOLOGY
			890-980	890-980	DARK BROWNISH-GRAY MEDIUM GRAINED LITHIC (VOLCANIC) SANDSTONE
			950-1010	950-1010	NO WASHED LITHOLOGY
			980-1070	980-1070	BROWNISH-GRAY MEDIUM GRAINED MUDDY SANDSTONE
			1030-1040	1030-1040	NO WASHED LITHOLOGY
			1070-1160	1070-1160	GRAY COALY ORGANIC-RICH SANDY SHALE OR MUDSTONE
			1100-1130	1100-1130	NO WASHED LITHOLOGY
			1160-1250	1160-1250	BROWNISH-GRAY COALY ORGANIC-RICH SHALE OR MUDSTONE
			1190-1250	1190-1250	NO WASHED LITHOLOGY
			1250-1340	1250-1340	BROWNISH-GRAY COALY ORGANIC-RICH SHALE OR MUDSTONE
			1280-1370	1280-1370	NO WASHED LITHOLOGY
			1340-1430	1340-1430	BROWNISH-GRAY FINE TO MED GRAINED COALY ORGANIC-RICH MUDDY SDST
			1370-1460	1370-1460	NO WASHED LITHOLOGY
			1430-1520	1430-1520	BROWNISH-GRAY FINE TO MED GRAINED COALY ORGANIC-RICH MUDDY SDST
			1460-1550	1460-1550	NO WASHED LITHOLOGY
			1520-1610	1520-1610	BROWNISH-GRAY FINE TO MEDIUM GRAINED COALY SANDSTONE
			1550-1640	1550-1640	NO WASHED LITHOLOGY
			1610-1700	1610-1700	BROWNISH-GRAY FINE TO MEDIUM GRAINED COALY SANDSTONE
			1700-1790	1700-1790	BROWNISH-GRAY MEDIUM GRAINED COALY MUDDY SANDSTONE
			1790-1880	1790-1880	BROWNISH-GRAY MEDIUM GRAINED COALY MUDDY SANDSTONE
			1880-1970	1880-1970	DARK BROWN TO BLACK MEDIUM GRAINED COALY MUDDY SANDSTONE
			1970-2060	1970-2060	DARK BROWN TO BLACK MEDIUM GRAINED COALY MUDDY SANDSTONE
			2060-2150	2060-2150	DARK BROWN FINE GRAINED LITHIC (VOLCANIC) SANDSTONE
			2150-2240	2150-2240	DARK BROWN FINE GRAINED LITHIC (VOLCANIC) SANDSTONE
	OLIGOCENE TO MIOCENE	UNDIFFERENTIATED	2240-2330	2240-2330	DARK BROWNISH-GRAY FINE GRAINED LITHIC (VOLCANIC) SANDSTONE
			2300-2390	2300-2390	NO WASHED LITHOLOGY
			2330-2420	2330-2420	DARK BROWNISH-GRAY FINE GRAINED LITHIC (VOLCANIC) SANDSTONE
			2390-2480	2390-2480	NO WASHED LITHOLOGY
			2420-2510	2420-2510	DARK BROWNISH-GRAY FINE GRAINED MUDDY LITHIC (VOLCANIC) SANDSTONE
			2480-2570	2480-2570	NO WASHED LITHOLOGY
			2510-2600	2510-2600	DARK BROWNISH-GRAY SANDY SHALE OR MUDSTONE
			2570-2660	2570-2660	NO WASHED LITHOLOGY
			2600-2690	2600-2690	DARK BROWNISH-GRAY SANDY SHALE OR MUDSTONE
			2660-2720	2660-2720	NO WASHED LITHOLOGY
			2690-2780	2690-2780	DARK BROWNISH-GRAY SANDY SHALE OR MUDSTONE
			2750-2810	2750-2810	NO WASHED LITHOLOGY
			2780-2870	2780-2870	DARK BROWNISH-GRAY SANDY SHALE OR MUDSTONE
			2840-2930	2840-2930	NO WASHED LITHOLOGY
			2870-2960	2870-2960	DARK BROWNISH-GRAY SANDY SHALE OR MUDSTONE
			2960-3050	2960-3050	DARK BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3050-3140	3050-3140	DARK BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3140-3230	3140-3230	DARK BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3230-3320	3230-3320	DARK BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3260-3350	3260-3350	NO WASHED LITHOLOGY
			3320-3410	3320-3410	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3350-3440	3350-3440	NO WASHED LITHOLOGY
			3410-3500	3410-3500	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3440-3500	3440-3500	NO WASHED LITHOLOGY
			3500-3590	3500-3590	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3550-3620	3550-3620	NO WASHED LITHOLOGY
			3590-3680	3590-3680	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3620-3710	3620-3710	NO WASHED LITHOLOGY
			3680-3770	3680-3770	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3710-3800	3710-3800	NO WASHED LITHOLOGY
			3770-3860	3770-3860	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3800-3890	3800-3890	NO WASHED LITHOLOGY
			3860-3950	3860-3950	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3890-3980	3890-3980	NO WASHED LITHOLOGY
			3950-4040	3950-4040	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			3980-4070	3980-4070	NO WASHED LITHOLOGY
			4040-4130	4040-4130	BROWNISH-GRAY FINE GRAINED SANDSTONE
			4070-4160	4070-4160	NO WASHED LITHOLOGY
			4130-4220	4130-4220	BROWNISH-GRAY MEDIUM GRAINED SANDSTONE
			4220-4310	4220-4310	BROWNISH-GRAY MEDIUM GRAINED SANDSTONE
			4250-4340	4250-4340	NO WASHED LITHOLOGY
POSSIBLE TERTIARY	UNDIFFERENTIATED	UNDIFFERENTIATED	4310-4400	4310-4400	BROWNISH-GRAY MEDIUM GRAINED SANDSTONE
			4340-4430	4340-4430	NO WASHED LITHOLOGY
			4400-4490	4400-4490	REDDISH-BROWN MEDIUM GRAINED SANDSTONE
			4430-4520	4430-4520	NO WASHED LITHOLOGY
			4490-4580	4490-4580	REDDISH-BROWN MEDIUM GRAINED SANDSTONE
			4580-4670	4580-4670	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			4670-4760	4670-4760	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			4760-4850	4760-4850	REDDISH-BROWN SANDY SHALE OR MUDSTONE
			4850-4940	4850-4940	REDDISH-BROWN SANDY SHALE OR MUDSTONE
			4940-5030	4940-5030	REDDISH-BROWN SANDY SHALE OR MUDSTONE
			5030-5120	5030-5120	REDDISH-BROWN FINE GRAINED MUDDY SANDSTONE
			5120-5210	5120-5210	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			5210-5300	5210-5300	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			5300-5390	5300-5390	REDDISH-BROWN MEDIUM GRAINED MUDDY SANDSTONE
			5390-5480	5390-5480	REDDISH-BROWN MEDIUM GRAINED MUDDY SANDSTONE
			5480-5570	5480-5570	BROWNISH-GRAY MEDIUM GRAINED MUDDY SANDSTONE
			5570-5660	5570-5660	BROWNISH-GRAY MEDIUM GRAINED MUDDY SANDSTONE
			5660-5750	5660-5750	BROWNISH-GRAY MEDIUM GRAINED SANDSTONE
			5750-5840	5750-5840	BROWNISH-GRAY FINE TO MEDIUM GRAINED SANDSTONE
			5840-5930	5840-5930	BROWNISH-GRAY MEDIUM GRAINED SANDSTONE
			5930-6020	5930-6020	BROWNISH-GRAY MEDIUM GRAINED SANDSTONE
			6020-6110	6020-6110	REDDISH-BROWN MEDIUM GRAINED SANDSTONE
			6110-6200	6110-6200	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			6200-6290	6200-6290	BROWNISH-GRAY FINE GRAINED SANDSTONE
			6290-6380	6290-6380	BROWNISH-GRAY MEDIUM GRAINED SANDSTONE
			6380-6470	6380-6470	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			6470-6560	6470-6560	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			6560-6650	6560-6650	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			6650-6740	6650-6740	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			6740-6830	6740-6830	BROWNISH-GRAY SANDY SHALE OR MUDSTONE
			6830-6920	6830-6920	BROWNISH-GRAY SANDY SHALE OR MUDSTONE
			6920-7010	6920-7010	BROWNISH-GRAY FINE GRAINED MUDDY SANDSTONE
			7010-7100	7010-7100	GRAY COALY SANDY SHALE OR MUDSTONE
			7100-7190	7100-7190	BROWNISH-GRAY SANDY SHALE OR MUDSTONE
			7190-7280	7190-7280	BROWNISH-GRAY SANDY SHALE OR MUDSTONE
			7280-7320	7280-7320	BROWNISH-GRAY FINE GRAINED SANDSTONE
			7320-7460	7320-7460	BROWNISH-GRAY FINE GRAINED SANDSTONE
			7460-7550	7460-7550	DARK BROWNISH-GRAY COALY SANDY SHALE OR MUDSTONE
			7550-7640	7550-7640	DARK BROWNISH-GRAY COALY SANDY SHALE OR MUDSTONE
			7640-7730	7640-7730	GRAY COALY SANDY SHALE OR MUDSTONE
			7730-7820	7730-7820	GRAY FINE GRAINED MUDDY SANDSTONE
			7820-7910	7820-7910	GRAY SANDY SHALE OR MUDSTONE
			7910-8000	7910-8000	GRAY SANDY SHALE OR MUDSTONE
			8000-8041	8000-8041	DARK GRAY COALY SANDY SHALE OR MUDSTONE