FIGURE SN-2

ARCO
NORTH ALEUTIAN
COST NO. 1
BERING SEA, ALASKA

? = Questionable occurrence or identification
= Very rare (1)
= Rare (2-10)
= Few (11-50)
= Common (51-200)
= Abundant (200+)
▲ = Barren

Prepared by : BIOSTRATIGRAPHICS

DIATOMS

EPOCH/ SUBEPOCH	ZONE/ SUBZONE	DEPTH (feet)	SPL. TYPE
EARLY PLEISTOCENE	ACTINOCYCLUS OCULATUS	1450	SWC
		1480	SWC
LATE PLIOCENE	DENTICULOPSIS SEMINAE V. FOSSILIS	1545	SWC
		1640	SWC
		1762	SWC
		1874	SWC
		1980	SWC
		2116	SWC
		2174	SWC
	DENTICULOPSIS SEMINAE V. FOSSILIS - D. KAMTSCHATICA	2220	SWC
		2332	SWC
		2370	SWC
		2456	SWC
		2550	SWC
EARLY PLIOCENE	DENTICULOPSIS KAMTSCHATICA SUBZONES b and c	2664	SWC
		2763	SWC
		2863	SWC
		2920	SWC
		3020	SWC
		3142	SWC
LATE MIOCENE	DENTICULOPSIS KAMTSCHATICA SUBZONE a	3230	SWC
		3298	SWC
		3412	SWC
		3500	SWC
		3580	SWC
		3726	SWC
		3832	SWC
		3972	SWC
		4014	SWC
	?	4074	SWC
		4230	SWC
		4318	SWC
		4462	SWC
	?	4600	SWC
		4690	SWC
		4810	SWC
		4867	SWC
		4912	SWC
		4963	SWC
?	?	5041	SWC
		5104	SWC
		5136	SWC
		5148	SWC
		5200	SWC
EOCENE - OLIGOCENE ?		5306	SWC
		5335	SWC
		5468	SWC
		5512	SWC
	?	5622	SWC
		5642	SWC
		5680	SWC
		5724	SWC
		6190	SWC
?		6588	SWC
		6671	SWC
		6874	SWC
		7040	SWC
		7154	SWC
		7563	SWC

Diatom species (columns 1–87):
1. Coscinodiscus asteromphalus
2. Fragillaria spp.
3. Melosira sulcata
4. M. spp.
5. Navicula ergadensis
6. N. spp.
7. Rhaphoneis cocconeides
8. Rhizosolenia styliformis
9. Thalassiosira gravida
10. T. g. flat form
11. T. nidulus
12. Actinocyclus curvatulus
13. A. oculatus
14. Coscinodiscus lacustris
15. C. marginatus
16. C. stellaris
17. Nitzschia cylindrius
18. Rhizosolenia curvirostris
19. Thalassiosira gravida v. fossilis
20. Coscinodiscus excentricus & vars.
21. Denticulopsis seminae
22. D. s. v. fossilis
23. Eunotia spp.
24. Rhizosolenia hebetata f. semispina
25. Stephanopyxis horridus
26. S. californica
27. Thalassionema nitzschioides
28. Thalassiosira oestrupii
29. Actinocyclus divisus
30. Biddulphia aurita
31. Chaetoceros sp. aff. cinctus
32. Coscinodiscus pustulatus
33. Melosira granulata
34. Nitzschia fossilis
35. Porosira glacialis
36. Stephanopyxis turris
37. Thalassiosira zabelinae
38. Actinocyclus ochotensis
39. Actinoptychus undulatus
40. Bacteriosira fragilis
41. Cocconeis scutellum
42. Cestodiscus spp.
43. Coscinodiscus radiatus
44. Rhaphoneis amphiceros elongata
45. R. sachalinensis
46. Thalassiosira lineata
47. Thalassiothrix longissima
48. Rhizosolenia barboi
49. Coscinodiscus symbolophorus group
50. Actinoptychus senarius
51. A. biformis
52. A. bismarckii
53. Coscinodiscus marginatus f. fossilis
54. Rhaphoneis parilis
55. Thalassiosira sp. aff. convexa
56. T. usatschevii
57. Denticulopsis kamtschatica
58. Lithodesmium minusculum
59. Rhaphoneis amphiceros
60. R. a. angularis
61. Actinoptychus splendens & vars.
62. Cosmiodiscus insignis
63. Pseudopyxilla americana
64. Actinocyclus ehrenbergii
65. Coscinodiscus temperei
66. Endictya oceanica
67. Stephanopyxis dimorpha & vars.
68. Rhaphoneis amphiceros gemmifera
69. Stephanopyxis inermis
70. Trochosira sp.
71. Arachnoidiscus sp.
72. Cosmiodiscus intersectus
73. Stephanopyxis turris (thick-walled)
74. Actinocyclus ehrenbergii v. tenella
75. Cladogramma californica
76. Rhizosolenia sp.
77. Stephanopyxis schenckii
78. Stictodiscus californicus
79. Thalassiosira punctata
80. T. undulosa
81. Stephanopyxis megapora & vars. (altered)
82. S. turris intermedia
83. Actinoptychus sp.
84. Pyrgupyxis sp.
85. Stephanopyxis turris intermedia (altered)
86. Coscinodiscus sp.
87. Stephanopyxis sp. (altered)

SILICOFLAGELLATES & EBRIDIANS

1. Distephanus octonarius
2. Parathranium intermedium
3. Ammodochium rectangulare
4. Distephanus speculum
5. Ebriopsis antiqua
6. Dictyocha complexa
7. Ebriopsis antiqua (saccate)
8. Archaeomonas reticulata
9. Ebriopsis antiqua cornuta
10. Dictyocha pseudofibula
11. Archaeomanas ovalis

Barren of Microfossils

ALPHABETIZED LIST OF DIATOMS

12. Actinocyclus curvatulus
29. A. divisus
64. A. ehrenbergii
74. A. e. v. tenella
38. A. ochotensis
13. A. oculatus
51. Actinoptychus biformis
52. A. bismarckii
50. A. senarius
61. A. splendens & vars.
83. A. sp.
39. A. undulatus
71. Arachnoidiscus sp.
48. Bacteriosira fragilis
30. Biddulphia aurita
41. Cestodiscus spp.
31. Chaetoceros sp. aff. cinctus
75. Cladogramma californica
40. Cocconeis scutellum
1. Coscinodiscus asteromphalus
20. C. excentricus & vars.
14. C. lacustris
15. C. marginatus
52. C. m. f. fossilis
32. C. pustulatus
42. C. radiatus
86. C. sp.
16. C. stellaris
49. C. symbolophorus group
65. C. temperei
62. Cosmiodiscus insignis
72. C. intersectus
57. Denticulopsis kamtschatica
21. D. seminae
22. D. s. v. fossilis
67. Endictya oceanica
23. Eunotia spp.
2. Fragillaria spp.
58. Lithodesmium asketogonium
33. Melosira granulata
3. M. sulcata
4. M. spp.
5. Navicula ergadensis
6. N. spp.
17. Nitzschia cylindrius
34. N. fossilis
35. Porosira glacialis
63. Pseudopyxilla americana
84. Pyrgupyxis sp.
59. Rhaphoneis amphiceros
60. R. a. angularis
43. R. a. elongatas
68. R. a. gemmifera
7. R. cocconeides
54. R. parilis
44. R. sachalinensis
47. Rhizosolenia barboi
18. R. curvirostris
24. R. hebetata f. semispina
76. R. sp.
8. R. styliformis
26. Stephanopyxis californica
67. S. dimorpha & vars.
25. S. horridus
69. S. inermis
81. S. megapora &.vars. (altered)
77. S. schenckii
87. S. sp. (altered)
36. S. turris
73. S. t. (thick-walled)
82. S. t. intermedia
85. S. t. i. (altered)
78. Stictodiscus californicus
27. Thalassionema nitzschioides
9. Thalassiosira gravida
10. T. g. flat form
19. T. g. v. fossilis
45. T. lineata
11. T. nidulus
28. T. oestrupii
81. T. punctata
55. T. sp. aff. convexa
82. T. undulosa
56. T. usatschevii
39. T. zabelinae
46. Thalassiothrix longissima
70. Trochosira sp.

ALPHABETIZED LIST OF SILICEOUS MICROFOSSILS

3. Ammodochium rectangulare
11. Archaeomonas ovalis
8. A. reticulata
6. Dictyocha complexa
10. D. pseudofibula
1. Distephanus octonarius
4. D. speculum
5. Ebriopsis antiqua
9. E. a. cornuta
7. E. a. (saccate)
2. Parathranium intermedium