FIGURE P-18

HIGH RESOLUTION PALYNOMORPH DISTRIBUTION CHART

MICROPALEO CONSULTANTS

WELL NAME	:GREAT BASINS UGASHIK NO.1	API NUMBER	:50-285-10009	KELLY BUSHING	:145 FEET
PROJECT	:NAS BASIN BIOSTRATIGRAPHY PROJECT	LOCATION	:SEC. 8, T32S/R52W SM	BASIN	:NORTH ALEUTIAN
PALYNOLOGIST	:HIDEYO HAGA	TOTAL DEPTH	:9,476 FEET	STATE	:ALASKA
DATE	:JUNE 2005	PROJECT	:25-104		

SPECIES LOCATION INDEX

[15] ?Gonyaulacysta spp. (poor preservation) *
[11] Alnipollenites spp.
[10] Betulaceae
[3] Deltoidospora spp.
[18] Endoscrinium galeritum *
[13] Gonyaulacysta cladophora *
[14] Gonyaulacysta jurassica *
[6] Juglanspollenites sp.
[9] Laevigatosporites spp.
[19] Lejeunecysta hyalina
[4] Lycopodiumsporites spp.
[22] Multicellaesporites spp.
[8] Onagraceae
[2] Osmundacidites spp.
[16] Pareodinia ceratophora *
[21] Selenopemphix spp.
[17] Sirmiodinium grossi *
[7] Sphagnumsporites spp.
[12] Taxodiaceae
[5] Tsugaepollenites spp.
[1] Undifferentiated bisaccates
[20] Xandarodinium variabile

RELATIVE ABUNDANCE KEY

■	:	NOT PRESENT
|	:	1 TO 1 VERY RARE
▯	:	2 TO 5 RARE
▤	:	6 TO 15 FREQUENT
▮	:	16 TO 30 COMMON
▣	:	31 TO 500 ABUNDANT
■	:	501 TO 5000 PROLIFIC

* : All Specimens Reworked.
** : Some Specimens Reworked.

SPORE-POLLEN DIVERSITY (FILLED) 0 5 10 15 20 25

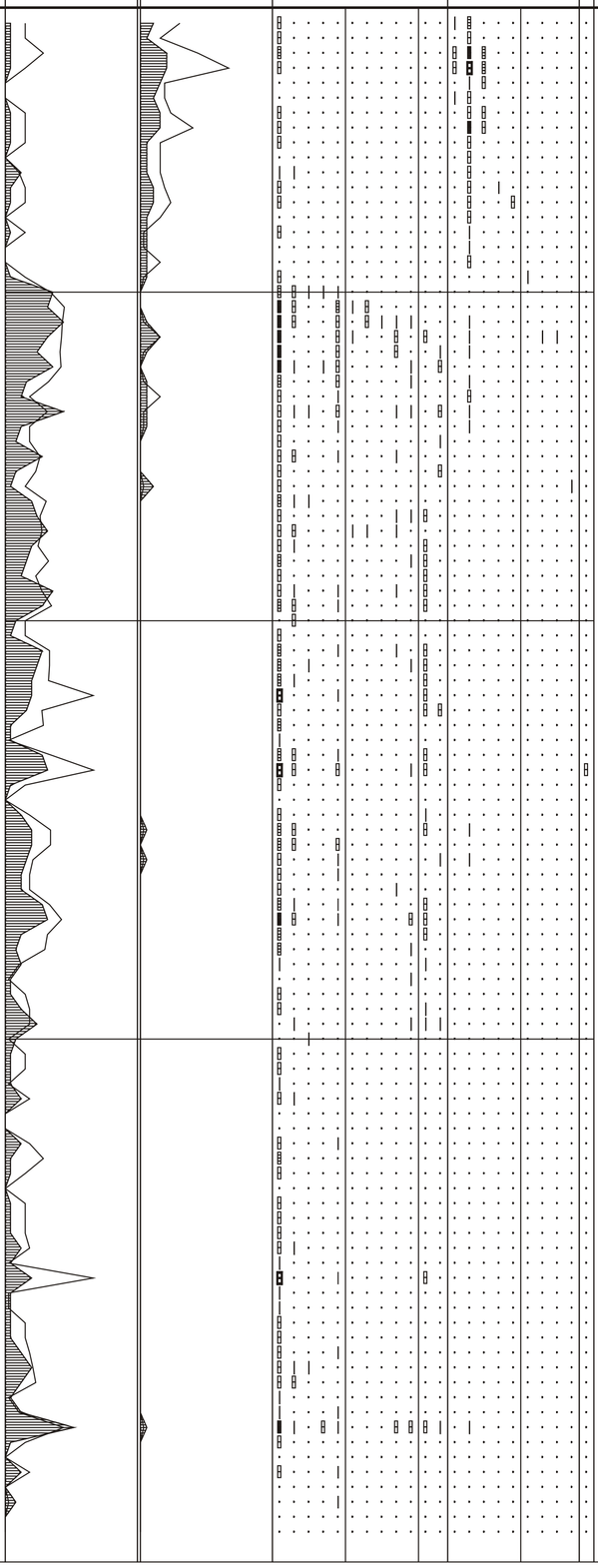
MICROPLANKTON DIVERSITY (FILLED) 0 5 10 15 20

TOTAL SPORE-POLLEN 0.8 10 100 1000 5000

TOTAL MICROPLANKTON 0.8 10 100 1000 5000

SPORE - POLLEN: [1] Undifferentiated bisaccates; [2] Osmundacidites spp.; [3] Deltoidospora spp.; [4] Lycopodiumsporites spp.; [5] Tsugaepollenites spp.; [6] Juglanspollenites sp.; [7] Sphagnumsporites spp.; [8] Onagraceae; [9] Laevigatosporites spp.; [10] Betulaceae; [11] Alnipollenites spp.; [12] Taxodiaceae

MICROPLANKTON: [13] Gonyaulacysta cladophora *; [14] Gonyaulacysta jurassica *; [15] ?Gonyaulacysta spp. (poor preservation) *; [16] Pareodinia ceratophora *; [17] Sirmiodinium grossi *; [18] Endoscrinium galeritum *; [19] Lejeunecysta hyalina; [20] Xandarodinium variabile; [21] Selenopemphix spp.; [22] Multicellaesporites spp.

MISC.

PERIOD/EPOCH	AGE/ZONE	SAMPLE DEPTH (FEET)
TERTIARY	PLEISTOCENE	0-90
		90-190
		190-280
		280-370
		370-460
		460-550
		550-640
		640-730
		730-820
		820-910
		910-1000
		1000-1090
		1090-1180
		1180-1270
		1270-1360
		1360-1450
		1450-1540
		1540-1630
		1630-1720
	MIOCENE TO PLIOCENE	1720-1820
		1820-1920
		1920-2000
		2060-2160
		2160-2260
		2260-2360
		2360-2460
		2460-2560
		2560-2660
		2660-2760
		2760-2860
		2860-2920
		2980-3070
		3070-3160
		3160-3240
		3280-3380
		3380-3480
		3480-3580
		3580-3660
		3700-3800
		3800-3900
		3900-4000
	OLIGOCENE? TO MIOCENE	4000-4090
		4090-4180
		4180-4270
		4270-4360
		4360-4450
		4450-4540
		4540-4630
		4630-4720
		4720-4800
		4800-4890
		4890-4970
		4970-5060
		5060-5150
		5150-5240
		5240-5330
		5350-5410
		5440-5530
		5530-5620
		5620-5710
		5710-5800
		5800-5890
		5890-5980
		5980-6070
		6070-6160
		6160-6250
		6250-6340
		6340-6430
	UNDIFFERENTIATED	6430-6520
		6520-6610
		6610-6700
		6700-6790
		6790-6880
		6880-6970
		6970-7060
		7060-7150
		7150-7240
		7240-7330
		7330-7420
		7420-7510
		7510-7600
		7600-7690
		7690-7780
		7780-7870
		7870-7960
		7960-8050
		8050-8140
		8140-8230
		8230-8320
		8320-8410
		8410-8500
		8500-8590
		8590-8680
		8680-8770
		8770-8860
		8860-8950
		8950-9040
		9040-9130
		9130-9220
		9220-9310
		9310-9410
		9410-9460