FIGURE F-2

HIGH RESOLUTION FORAMINIFERA DISTRIBUTION CHART

MICROPALEO CONSULTANTS, INC

WELL NAME :USGS/HUSKY LISBURNE NO.1
PROJECT :DIGITAL PALEO DATABASE PROJECT
PALEONTOLOGIST :MICHAEL B. MICKEY

API NUMBER :50-137-20003
LOCATION :SEC. 17, T11S/R16W UM
TOTAL DEPTH :17,000 FEET

BASIN :N.P.R.A.
COUNTY :NORTH SLOPE BOROUGH
STATE :ALASKA

DATE :APRIL 2003
PROJECT :21-106

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

* Core data included due to the large amount of core coverage.

SPECIES LOCATION INDEX

[77] ALGAL CHERT
[28] AMMOBACULITES ALASKENSIS
[5] AMMOBACULITES REOPHACOIDES
[20] AMMODISCUS ASPERUS
[16] AMMODISCUS MACKENZIENSIS
[24] AMMODISCUS SP. (SMALL)
[33] AMMODISCUS SP. P
[2] ARENACEOUS SPP.
[47] BARREN OF FORAMINIFERA
[1] BATHYSIPHON SCINTILLATA
[15] BATHYSIPHON SPP.
[7] BATHYSIPHON VITTA
[26] BULLOPORA SP.
[55] CALCISPHAERA LAEVIS
[48] CENOSPHAERA SPP.
[49] CENOSPHAERA SPP. (PYRITIZED)
[76] CHERT
[29] CITHARINA ENTYPOMATUS
[74] COAL
[72] COLLOPHANE MINERAL
[68] CONODONTS
[58] CYRTOCAPSA SP.
[27] DENTALINA SP.
[38] EARLANDIA CLAVATULA
[40] EARLANDIA ELEGANS
[44] EARLANDIA VULGARIS
[42] EARLANDINELLA SP. (PL. 26)
[59] ECHINOID SPINES
[39] ENDOTHYRA BOWMANI GROUP
[37] ENDOTHYRA SPP.
[45] ENDOTHYRANOPSIS COMPRESSA
[58] FECAL PELLETS
[63] FISH DEBRIS
[23] GAUDRYINA PATONI
[25] GAUDRYINA MILLERI
[6] GAUDRYINA TAILLEURI
[17] GAUDRYINA TAPPANAE
[53] GIRVANELLA DUCII
[73] GLAUCONITE
[43] GLOBOENDOTHYRA BAILEYI GROUP
[41] GLOBOENDOTHYRA TOMILIENSIS GROUP
[18] GLOMOSPIRA CORONA
[19] GLOMOSPIRA PATTONI
[34] GLOMOSPIRA SP.
[9] GLOMOSPIRA SUBARCTICA
[46] GLOMOSPIRANELLA SP. (PL. 28)
[11] GLOMOSPIRELLA ARCTICA
[10] GLOMOSPIRELLA GAULTINA
[22] GLOMOSPIRELLA SP.
[31] HAPLOPHRAGMOIDES CF. BARROWENSIS
[8] HAPLOPHRAGMOIDES CORONIS
[13] HAPLOPHRAGMOIDES DUOFLATIS
[12] HAPLOPHRAGMOIDES GOODENOUGHENSIS
[62] INOCERAMUS PRISMS
[56] KONINCKOPORA INFLATA
[52] LITHOCAMPE SPP. (PYRITIZED)
[4] LITUOTUBA GALLUPI
[21] LITUOTUBA SP.
[32] NODOSARIA LARINA
[61] OSTRACODS
[60] PELMATOZOAN FRAGMENTS
[35] PSEUDOGLOMOSPIRA SP.
[70] PYRITE
[71] ROUNDED FROSTED QUARTZ FLOATERS
[3] SACCAMMINA SPP.
[57] SHARTYMOPHYCUS SP.
[66] SHELL FRAGMENTS
[67] SHELL FRAGMENTS?
[64] SPICULES
[65] SPINES OR SPICULES
[51] SPONGODISCUS SPP.
[54] STACHEOIDES MEANDRIFORMIS
[75] STYLOLITES
[14] THURAMMINOIDES SEPTAGONALIS
[36] TREPEILOPSIS SP.
[30] TROCHAMMINA CF. SABLEI
[69] VEIN CALCITE

AGE	STAGE/ZONE	SAMPLE DEPTH (FEET)
EARLY CRETACEOUS	VALANGINIAN F - 13b	5343 C 5346 C 5350-5380 5350 C 5353 C 5356 C 5380-5410 5410-5440 5440-5470 5470-5500 5500-5530 5530-5560 5560-5590 5590-5620 5620-5650 5650-5680 5680-5710 5710-5740 5740-5770 5770-5800 5800-5830 5830-5860 5860-5890 5890-5920 5920-5950 5950-5980 5980-6010
JURASSIC	PROBABLE UNDIFF. F. UNDIFF.	6010-6040 6040-6070 6070-6100 6100-6130 6130-6160 6160-6190 6190-6220 6216 C 6219 C 6220-6250 6222 C 6225 C 6250-6280 6280-6310 6310-6340 6340-6370 6370-6400 6390-6400 6400-6410 6400-6430 6410-6420 6420-6430 6430-6440 6430-6460 6460-6490 6490-6520 6520-6550 6550-6580 6580-6610 6610-6640 6640-6670 6670-6700
EARLY JURASSIC	PLIENSB. TO TOARC.? F-18b TO F-18a?	6700-6730 6730-6750 6760-6790 6790-6820 6820-6850 6850-6880 6880-6910 6910-6940 6940-6970
	PLIENSB. F-18b	6970-7000
LATE TRIASSIC	CARNIAN TO NORIAN F-19c TO F-19b	7000-7030 7030-7060 7060-7090 7090-7120 7120-7150 7150-7180
EARLY TRIASSIC	UNDIFF. F-20a	7180-7210 7210-7240 7240-7270 7270-7300 7300-7330 7330-7360 7360-7390 7390-7420
LATE PERM.	UNDIFF. F-20b	7420-7450
LATE MISSISSIPPIAN	MERAMECIAN TO CHESTERIAN M-14 TO M-16	7450-7480 7480-7510 7510-7540 7540-7560 7560-7590 7590-7620 7620-7650 7650-7680 7680-7710 7710-7740 7740-7770 7770-7800 7800-7830 7830-7860 7860-7890 7890-7920 7920-7950 7950-7980 7980-8010 8010-8040 8038 C 8038-8041 C 8040-8070 8041-8044 C 8044-8047 C 8047-8050 C 8050-8053 C 8053-8057 C 8057-8060 C 8060-8063 C 8063-8066 C 8064.6 C 8066-8068 C 8070-8100 8100-8130 8130-8160 8160-8190 8190-8220
	MERAMECIAN M-12 TO M-13	8220-8250 8250-8280 8280-8310 8310-8340 8340-8370 8370-8400 8400-8430 8430-8460 8460-8490 8490-8520 8520-8550 8550-8580 8580-8610 THRUST FAULT

*FAUNAL DIVERSITY (FILLED) 0 10 20 30

*CUMULATIVE FAUNAL PLOT (%)

- TOTAL AGGLUTINATED
- TOTAL CALC BENTHICS
- TOTAL PORCELLANEOUS
- TOTAL MICROGRANULAR
- TOTAL ALGAE
- TOTAL RADIOLARIA

*TOTAL FAUNA 0.8 10 100 1000

0 25 50 75 100

FORAMINIFERA

[1] BATHYSIPHON SCINTILLATA
[2] ARENACEOUS SPP.
[3] SACCAMMINA SPP.
[4] LITUOTUBA GALLUPI
[5] AMMOBACULITES REOPHACOIDES
[6] GAUDRYINA TAILLEURI
[7] BATHYSIPHON VITTA
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[23] GAUDRYINA DYSCRITA
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[72] COLLOPHANE MINERAL
[73] GLAUCONITE
[74] COAL
[75] STYLOLITES
[76] CHERT
[77] ALGAL CHERT

RADS.

ALGAE

MISC.

ROCKS, MINS., ETC.

PALEOENVIRONMENTS

Nonmarine
Marginal Marine
Inner Neritic
Middle Neritic
Outer Neritic
Upper Bathyal
Middle Bathyal
Lower Bathyal
Distal

SAMPLE DEPTH (FEET)