This document was produced by scanning the original publication.
Ce document a été produit par numérisation de la publication originale.

ROBERTSON RESEARCH (N.A.) LIMITED

BIOSTRATIGRAPHICAL ANALYSIS CHART

DATE: March, 1976 | ANALYST: P.F.S. et al | LOCATION: 76° 27' 5.01" N. 108° 55' 42.70" W.

PANARCTIC et al DRAKE POINT D-68 | CHART NO. 1

LIMESTONE
DOLOMITE
CLAY / MUDSTONE
SHALE
SILTSTONE
SANDSTONE
CONGLOMERATE
COARSE / FINE SAND
CARBONACEOUS / PLANT MATERIAL - COAL
SHELL FRAGMENTS
GYPSUM
GLAUCONITE
PYRITE
CHERT
FORAMINIFERA
SIDEWALL CORE
CORE
CASING SHOE
BARREN OF FORAMINIFERA
SINGLE OCCURRENCE
RARE (1-5 Specimens)
COMMON (6-20 Specimens)
ABUNDANT (> 20 Specimens)

TENTATIVE ENVIRONMENT OF DEPOSITION

GENERAL LITHOLOGY (cores on left, samples on right)	FORMATION EQUIVALENT	SYSTEM	STAGE	CONT.	TRANS.	SHALLOW MARINE (OPEN)	SHALLOW MARINE (RESTRICTED)	DEPTH IN FEET
		LOWER PERMIAN	?ARTINSKIAN					6000
								6100
								6200
								6300
								6400
								6500
								6600
								6700
								6800
								6900
								7000
								7100
								7200
								7300
								7400
								7500
								7600
								7700
								7800
								7900
								8000
								8100
								8200
								8300
								8400
								8500
								8600
								8700
								8800
								8900
								9000
								9100
								9200
								9300
								9400
								9500
								9600
								9700
								9800
								9900
								10000
								10100
								10200
								10300
								10400
								10500
								10600
								10700
								10800
								10900
								11000
								11100
								11200
								11300
								11400
								11500
								11600
								11700
								11800
								11900
								12000

Core 4: 10,040'-10,085'
Core 5: 10,085'-10,125'

ASSEMBLAGE ZONES

POLYNOMORPHS	FORAMINIFERA
LOWER PERMIAN ?ARTINSKIAN	UPPER PERMIAN KAZANIAN

FORAMINIFERA
Ammodiscus sp. 13
Ammodiscus spp.
Hyperammina spp.
Indeterminate foraminifera
Nodosinelle spp.
Hyperammina sp. 3
Hyperammina spp.
? Nodosinelle sp. 1
? Nodosinelle spp.
Ammodiscus sp. 4
Ammodiscus spp.
Thurammoides spp.
Thurammoides sphaeroidalis
Nodosinelle sp. 1
Ammodiscus sp. 4
Nodosinelle sp. 2
Hyperammina spp.
? Ammodiscules spp.
? Textularia spp.

CONODONTS
Neogondolella cf. rosenkrantzi

OTHER ORGANIC REMAINS
Shell Fragments
Mollusc spines

Pollen & Spores
Taeniaesporites novimundi
Lundbladispora obtusa
Undeterminable bisaccate pollen
Acidosporites variabilis
Circumdedites sp.
Converrucosisporites sp.
Cycadopites sp.
Endosporites shireeni
Foveosporites sp.
Protohaploxypinus jacobii
Rastrickia sp.
Striatoabieites richteri
Taeniaesporites cf. novimundi
Verrucosisporites sp.
Vittatina spp.
Faciapeltes sp.
Krauselisporites schaubergeri
Limatulasporites monstruosus
Lundbladispora sp. indet.
Protohaploxypinus samoilovichii
Protohaploxypinus sp.
Taeniaesporites sp.
Acanthotriletes sp.
Illinites cf. kosankei
Taeniaesporites abortus
Taeniaesporites hiatus
Taeniaesporites hiatusoides
Alisporites sp.
Cycadopites cf. glober
Cycadopites sp.
Florinites sp.
Hamiapollenites bullaeformis
Protohaploxypinus goraiensis
Protohaploxypinus limpidus
Protohaploxypinus microcorpus
Protohaploxypinus sp.
Taeniaesporites sp.
Vittatina cf. costabilis
Vittatina costabilis
Vittatina scutata
Vittatina sp. (Jansonius & Hills, 1976)
Weylandites sp.
Alisporites cf. grandis
Alisporites grandis
Alisporites sp.
Cycadopites cf. wilsonii
Cycadopites sp.
Florinites sp.
Hamiapollenites bullaeformis
Hamiapollenites sp.
Protohaploxypinus amosovii