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OF 6 48

ROBERTSON RESEARCH (N.A.) LIMITED
BIOSTRATIGRAPHICAL ANALYSIS CHART

DATE: JUNE, 1977 | ANALYSIS BY: R.E.N.B.R.B.A.Y. | LOCATION: Lat. 69° 27' 56" N. Long. 135° 24' 54" W.

UPLUK M-36 (COMPOSITE) | CHART NO. 1 of 5

LIMESTONE, DOLOMITE, CLAY / MUDSTONE, SHALE, SILTSTONE, SANDSTONE, CONGLOMERATE, COARSE / FINE SAND, UNCONSOLIDATED ROCK FRAGMENTS, SHELL FRAGMENTS, GYPSUM, GLAUCONITE, PYRITE, CHERT, FORAMINIFERA

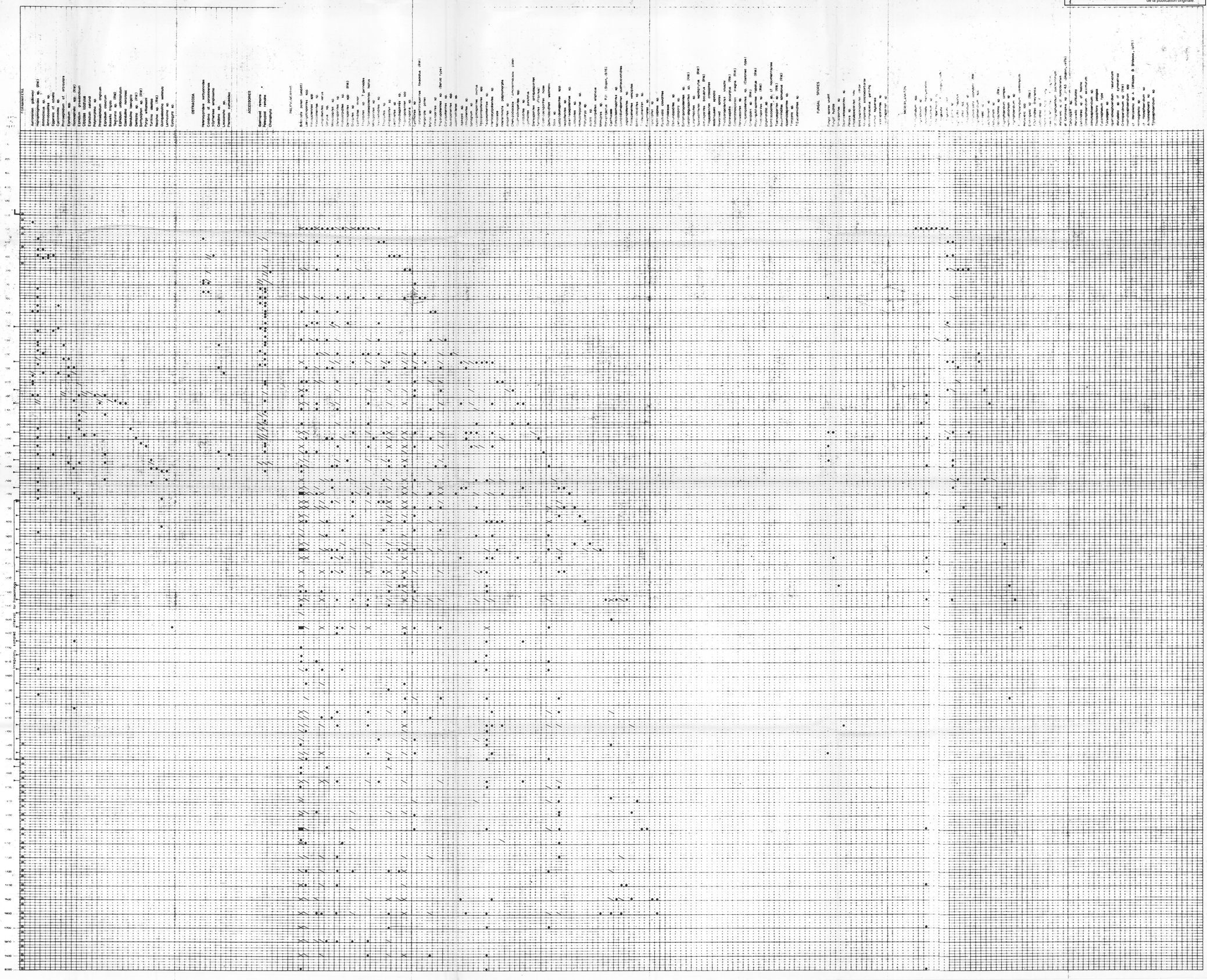
TENTATIVE ENVIRONMENT OF DEPOSITION

REMOVED: NORMAL CORE; CORE; CASING SHOE

BARREN OF MICROFAUNA; BARREN OF PALYNOMORPHS; SINGLE OCCURRENCE

RARE (2-5 Specimens); COMMON (6-20 Specimens); ABUNDANT (> 20 Specimens)

GENERAL LITHOLOGICAL DESCRIPTION (BASED ON CUTTINGS)	FORMATION EQUIVALENT (After Bujak, Williams & Norris 1976)	SYSTEM	STAGE	ASSEMBLAGE ZONES (PALYNOMORPHS)	FIRST OCCURRENCES (FORAMINIFERA)
? NEOGENE & YOUNGER CLASTIC WEDGE	(?BEAUFORT)	QUATERNARY	PLEISTOCENE - RECENT		
			MIOCENE - PLIOCENE	"DINOFLAGELLATE OVOID CYST" SIGMOPOLLIS	Astronomon galloway; Egerella cf. advena; Protosphaidium cf. orbiculare; Elphidium gretnaondicum; Globoides trilobatus & Elphidium cavatum; Turilina alsatica
? UPPER PALAEOGENE CLASTIC WEDGE		TERTIARY	OLIGOCENE	TILIAEPOLLENITES	


FORAMINIFERA
Astronomon galloway
Hopkinsinella sp. (RW)
Cibicides sp.
Ammodiscella sp.
Cyclammina sp.
Protosphaidium cf. orbiculare
Elphidium sp.
Elphidium sp. (RW)
Elphidium gretnaondicum
Elphidium cavatum
Elphidium salsum
Polymorphina sp.
Globoides trilobatus
Elphidium crispum
Elphidium obtusum
Texasina fragilis
Elphidium cf. advenum
Elphidium ultrahelicum
Globoides cf. trilobatus
Gaudryina cf. rugosa
Dentalina sp. (RW)
Nonion sp. (RW)
Pyrgo ottisoni
Triplasia emersa
Turilina alsatica
Quinqueloculina seminula
Lenticulina sp.
Lenticulina sp.
OSTRACODA
Heterocyprideis sorbynoides
Cytheridea cf. porosimorpha
Cytheridea cf. porosimorpha
Cytheridea sp.
Leguminocythereis sp.
ACCESSORIES
Garnetoid remains
Pelecypod remains
Gastropod remains
PALYNOMORPHS
Bisaccate pollen (undiff.)
Abies spp.
Picea spp.
Pinus spp.
Tsuga spp.
Cupressaceae
Taxodiaceae
Alnus spp.
Betula spp.
Corylus spp.
Ulmus spp.
Quercus spp.
Fagus spp.
Ilex spp.
Tilia spp.
Acer spp.
Aesculus spp.
Ericaceae
Sphagnum
Lycopodiaceae
Lycopodium spp.
Selaginella spp.
Polypodiaceae
Polypodium spp.
Polypodium vulgare
Polypodium sp. (Shaggy, RFE)
Osmunda spp.
Osmunda cf. spectabilis
Osmunda cf. claytoniana
Osmunda cf. cinnamomea
Osmunda sp.
Trilobosporites spp.
Trilobosporites sp.
Cyathidites spp.
Cyathidites sp.
Cyathidites sp. (Psilate type)
Cyathidites sp. (Verrucate type)
Cyathidites sp. (Rugulate type)
Cyathidites sp. (Granulate type)
Cyathidites sp. (Scabrate type)
Cyathidites sp. (Reticulate type)
Cyathidites sp. (Fine type)
Cyathidites sp. (Medium type)
Cyathidites sp. (Coarse type)
Cyathidites sp. (Very coarse type)
Cyathidites sp. (Cf. Cyathidites minor)
Cyathidites sp. (Cf. Cyathidites australis)
Cyathidites sp. (Cf. Cyathidites tenera)
Cyathidites sp. (Cf. Cyathidites fossilis)
Cyathidites sp. (Cf. Cyathidites fossilis)
Cyathidites sp. (Cf. Cyathidites fossilis