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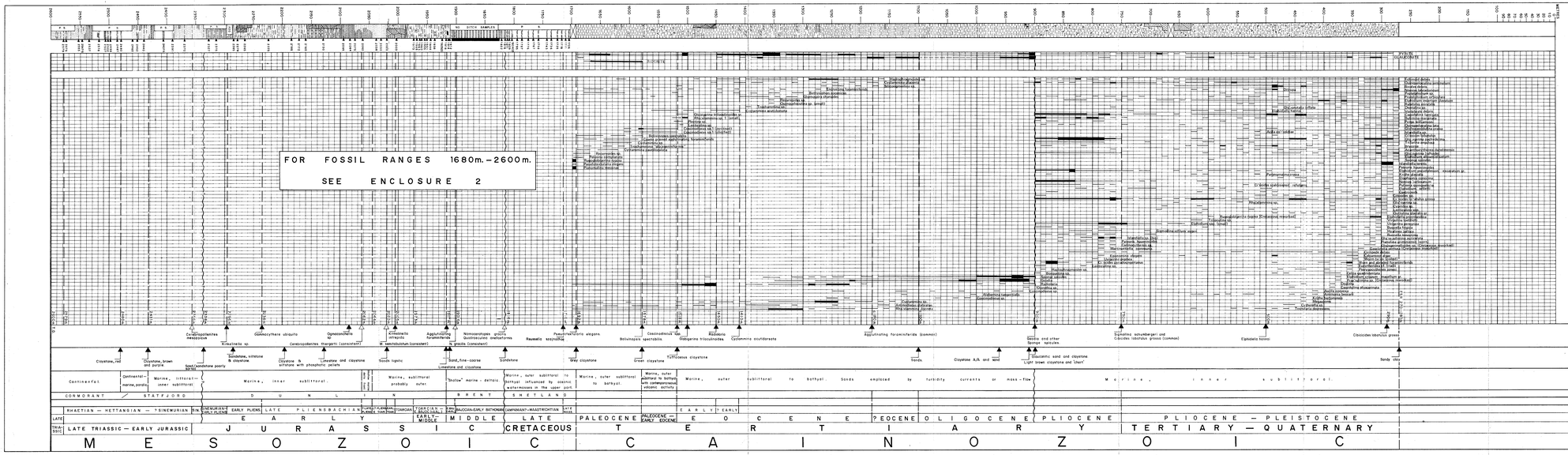
FOR FOSSIL RANGES 1680m.–2600m.
SEE ENCLOSURE 2
Depth
Lithology
Cores/Side-wall cores
Minerals
Palaeontological biozones
Main Fossils
Depths
Significant faunal/floral events
Significant lithological horizons
Environment
Lithostratigraphy Group
Age
MESOZOIC
JURASSIC
CRETACEOUS
TERTIARY
TERTIARY — QUATERNARY
LATE TRIASSIC — EARLY JURASSIC
EARLY
MIDDLE
LATE
PALEOCENE
EOCENE
OLIGOCENE
PLIOCENE
PLIOCENE — PLEISTOCENE
RHAETIAN — HETTANGIAN — ?SINEMURIAN
EARLY PLIENSB.
LATE PLIENSB.
PLIENSB.-PLIENSB. HORTENSEN
CALLOVIAN-EARLY BATHONIAN
CAMPANIAN?–MAASTRICHTIAN
EARLY TERTIARY
Continental
Continental–marine, paralic
Marine, littoral–inner sublittoral
Marine, inner sublittoral
Marine, sublittoral probably outer.
Marine, outer sublittoral to bathyal. Sands emplaced by turbidity currents or mass-flow
Marine, inner sublittoral.
CORMORANT
STATFJORD
DUNLIN
BRENT
SHETLAND
Coaly shale
Claystone, red
Claystone, brown and purple.
Sand/sandstone poorly sorted
Siltstone, siltstone & claystone.
Claystone & siltstone with phosphatic pebbles
Claystone and claystone with limestone
Sands lignitic
Sand, fine–coarse Limestone and claystone
"Shallow" marine – detrital.
Sandstone
Marine, outer sublittoral to bathyal, influenced by oceanic watermasses in the upper part.
Grey claystone
Marine, outer sublittoral to bathyal.
Green claystone
Marine, outer sublittoral to bathyal, with contemporaneous volcanic activity
Tuffaceous claystone
Marine, outer sublittoral to bathyal. Sands emplaced by turbidity currents or mass-flow
Sands.
Claystone A/A and sand
Claystone and other Basinal facies.
Siliciclastic sand and claystone. Light brown claystone and 'chert'
Sandy clay
Cerebropollenites mesozoicus
Nimaiella sp.
Gonyaulacysta ubiquita
Cerebropollenites thiergartii (consistent?)
Ogmocodinium sp.
Nimaiella sp.
M. lemnitzaformis (consistent)
Agglutinating foraminifera
Nimiaonisphaera grisinia
Nummulocalcites orientalforma
N. gracilis (consistent)
Ravenella kochiniana
Paracnemidorhytis elegans
Cassinidinella ? sp.
Bolivinopsis spectabilis
Bolivina
Globigerina trilocularoides.
Cyclammina scutidorsata
Agglutinating foraminiferida (common)
Cyclammina sp.
Trochammina sp.
Ammobaculites sp.
Reticulophragmium sp.
Spiroplectammina sp.
Haplophragmoides sp.
Recurvoides sp.
Labrospira sp.
Saccammina sp.
Rhabdammina sp.
Psammosphaera sp.
Dendrophrya sp.
Hyperammina sp.
Bathysiphon sp.
Rhizammina algaeformis
Rhizammina indivisa
Rhizammina sp.
Thalassiphora pelagica (Eisenack) emended.
Cyclonephelium membraniphorum
Cyclonephelium sp.
Deflandrea phosphoritica
Deflandrea sp.
Areoligera gippslandica
Areoligera sp.
Lejeunecysta sp.
Glaphyrocysta ordinata
Glaphyrocysta sp.
Eocladopyxis peniculata
Eocladopyxis sp.
Phthanoperidinium echinatum
Phthanoperidinium sp.
Impagidinium sp.
Spiniferites ramosus
Spiniferites sp.
Operculodinium centrocarpum
Operculodinium sp.
Nematosphaeropsis labyrinthus
Nematosphaeropsis sp.
Wetzeliella symmetrica
Wetzeliella sp.
Homotryblium tasmaniense
Homotryblium sp.
Diphyes colligerum
Diphyes sp.
Cribroperidinium sp.
Palaeocystodinium golzowense
Palaeocystodinium sp.
Alterbidinium acutulum
Alterbidinium sp.
Kallosphaeridium sp.
Palaeocystodinium australinum
Palaeocystodinium sp.
Palaeocystodinium golzowense – Alterbidinium sp.
Xenikoon australis
Xenikoon sp.
Xenikoon ? australis
Xenikoon ? sp.
Xenikoon ? australis – Palaeocystodinium golzowense
Xenikoon ? sp. – Palaeocystodinium sp.
Xenikoon australis – Palaeocystodinium golzowense
Xenikoon sp. – Palaeocystodinium sp.
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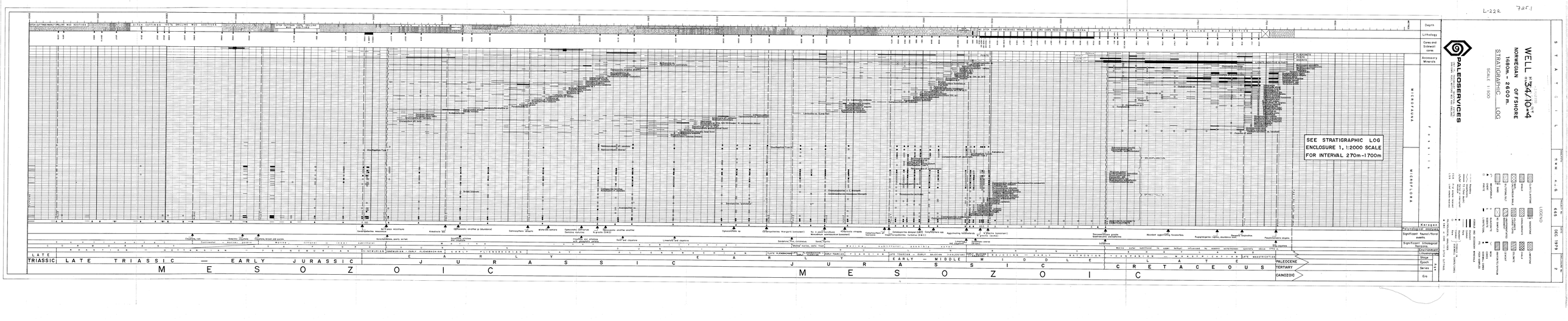
PALEOSERVICES
WELL 34/10-4
NORWEGIAN OFFSHORE
1980m. - 2600m.
STRATIGRAPHIC LOG
SCALE 1:500
SEE STRATIGRAPHIC LOG
ENCLOSURE 1, 1:2000 SCALE
FOR INTERVAL 270m-1700m
Depth
Lithology
Cores and Sidewall cores
Accessory Minerals
MICROFAUNA
MICROFLORA
LEGEND
Kerogen
Palynological Analysis
Significant fauna/flora events
Significant lithological horizons
Environment
Lithostratigraphy
Stage
Epoch
Series
Era
LATE TRIASSIC — EARLY JURASSIC
MESOZOIC
LATE JURASSIC — EARLY CRETACEOUS
MESOZOIC
LATE CRETACEOUS — TERTIARY
CAINOZOIC
PALEOCENE
STAIN
SWC
CORE
DRILL STEM TEST
DATE
DEC 1979
SCALE 1:500