

Microcachryidites antarcticusAustralopollis obscurus

Triporate pollen indet.

Parassacites sp.\*Aratrisporites sp.\*Camarozonosporites cf. C. amplusOsmundacities wellmanniiDeflandrea spp. nov.Cyclonephelium sp.

Sidewall core 51, 4144 feet.

Perotrilites majusVitreisporites pallidusDensoisporites velatusTricolpites spp.Amosopollis cruciformisMicrocachryidites antarcticusStriatiti spp.\*Cicatricosisporites cuneiformisLycopodiumsporites sporites sp.Osmundacidites wellmanniiSterisporites antiquasporitesCyathidites australisClassopollis sp.Gleicheniidites spp. undiff.Ascodinium sp. cf. A. acrophorumDeflandrea acuminataDeflandrea sp.H. <sup>1259</sup>4213 feet. Upper Cretaceous undifferentiated.

The sidewall core at 4213 feet is the deepest sample to produce fossils. Spores and pollen are few within a residue composed mainly of cuticle and cortex tissue. However, sufficient specimens were identified to ascertain that the Cretaceous is represented, probably the Upper Cretaceous, no older than the Tricolpites pannosus Zone. Specimens recorded include:

Microcachryidites antarcticusCyathidites australis & minor

(rel. common)

Laevigatosporites ovatus?Amosopollis

\* Probably recycled.