Well Name : CROFT-1

Operator : SANTOS
Well Code : CROFT-1
Interval : 1985m - 2500m
Scale : 1:1500
Chart date : 16 October 2001

DEPT. NAT. RES & ENV
PE908029

Palynology Range Chart

J Goodall

Santos Ltd
Adelaide, South Australia

Project : OTWAY
Chart : Croft-1 poly chart for WCR

CROFT-1

Spores And Pollen

Absolute abundance

Biomz

- *Araucariacites australis*
- *Bisaccate pollen undiff.*
- *Cicatricosisporites australiensis 681*
- *Cicatricosisporites spp*
- *Corollina torosa*
- *Cupressaceites spp*
- *Cyathidites minor*
- *Dictyotosporites complex 885*
- *Dilwynites echinatus*
- *Foraminisporis asymmetricus*
- *Gleicheniidites senonicus*
- *Neoraistrickia truncata 698*
- *Osmundacidites wellmanii 1400*
- *Polycingulatisporites clavus*
- *Proteacidites spp*
- *Retitriletes austroclavidites 1063*
- *Retitriletes spp*
- *Rogalskaisporites cicatricosus 1195*
- *Staplinisporites spp*
- *Stereisporites antiquesporites 956*
- *Uvaesporites verrucosus 144*
- *Vitreisporites pallidus*
- *Araucariacites spp*
- *Asteropollis asteroides*
- *Balmeisporites holodictyus*
- *Cibotiumspora juriennensis 1406*
- *Concavissimisporites punctatus*
- *Contignisporites burgeri 645*
- *Convolutispora spp*
- *Cryptetsosporites striatus*
- *Dictyophyllidites spp 660*
- *Dictyotosporites complex 646*
- *Foveosporites canalis 929*
- *Leptolepidites verrucatus*
- *Microcachryidites antarcticus 1222*
- *Parotriletes jubatus*
- *Phimopollenites pannosus 916*
- *Podocarpidites spp*
- *Polycingulatisporites porridus 1084*
- *Retitriletes circulumenus 930*
- *Retitriletes eminulus 1018*
- *Tricolpites spp*
- *Velosporites triquetrus 694*
- *Aequitriradites hispidus 665*
- *Amosopollis cruciformis*
- *Balmeisporites spp 1153*
- *Callialasporites spp*
- *Dilwynites pusillus*
- *Foraminisporis wonthaggiensis*
- *Hoegisporis trinalis*
- *Matonisporites cooksoniae 657*
- *Rugulatisporites mallatus*
- *Aequitriradites spinulosus*
- *Baculatisporites comaumensis 1066*
- *Cyathidites australis*
- *Endoculeospora delicata*
- *Peninopollenites elatoides 75*
- *Retispora triquetra*
- *Stereisporites pocockii*
- *Ceratosporites equalis 1243*
- *Clavatipollenites spp.*
- *Undulatisporites spp.*
- *Verrucosisporites spp.*
- *Coptospora paradoxa*
- *Klukisporites scaberis 626*
- *Retitriletes nodosus 830*
- *Speckmanites spp*
- *Nothofagidites senectus*
- *Rousea/spiniferites spp*
- *Appendicisporites distocarinatus*
- *Foveotriletes spp*
- *Gleicheniidites circinidites*
- *Hoegisporis / araucaria spp*
- *Retitricolpites spp.*
- *Stereisporites viriosus*
- *Aequitriradites verrucosus*
- *Cicatricosisporites australiensis 1219*
- *Phyllocladidites mawsonii*
- *Dilwynites granulatus*
- *Coptospora pileolus*
- *Densoisporites velatus*
- *Ischyosporites punctatus 1003*
- *Triporoletes reticulosus*
- *Gleicheniidites senonis*
- *Lygistepollenites florinii*
- *Laevigatosporites musa*
- *Anapiesporites denticulatus*
- *Verrucosisporites admirabilis*
- *Triporopollenites spp.*
- *Foveogleicheniidites confossus 1212*
- *Clavifera triplex*
- *Batiacasphaera spp.*
- *Microcachryidites spp.*
- *Nevesisporites delrii*
- *Todisporites minor 1401*
- *Camarozonosporites heskemensis*
- *Microfoveolatosporis fromensis*
- *Ornamentifera senitosa*
- *Triorites edwardsii*
- *Pseudoreticulatispora pseudoreticulata 1595*

Dinoflagellate Cysts

Absolute abundance

Biomz

- *Batiacasphaera 'bensonii'*
- *Dinocyst indet*
- *Indet palynomorphs*
- *Labaridocysta deflocatae*
- *Batiacasphaera spp.*
- *Chomotriletes minor*
- *Leptodinium sp.*
- *Heterosphaeridium heteracanthum*
- *Escharisphaeridia spp.*
- *Callaiosphaeridium asymmetricum*
- *Nelsoniella tuberculata*
- *Odontochitina porifera*
- *Spiniferites spp.*
- *Circulodinium spp*
- *Cribroperidinium edwardsii*
- *Cyclonephelium distinctum*
- *Escharisphaeridia bifidum*
- *Isabelidinium spp.*
- *Odontochitina costata*
- *Odontochitina cribropoda*
- *Odontochitina operculata*
- *Odontochitina striatoperforata*
- *Oligosphaeridium complex*
- *Oligosphaeridium pulcherrimum*
- *Palaeohystrichophora infusorioides*
- *Palaeoperidinium cretaceum*
- *Tanyosphaeridium salpinx*
- *Chlamydophorella nyei*
- *Cribroperidinium SPP*
- *Cyclonephelium vannophorum*
- *Diconodinium spp.*
- *Kiokansium polypes*
- *Microdinium ornatum*
- *Florentinia SPP*
- *Corronifera oceanica*
- *Exochosphaeridium robustum*
- *Hystrichosphaeridium salpingophorum*
- *Isabelidinium evexus*
- *Sentusidinium spp.*
- *Biorbifera 'otwayensis'*
- *Canningia robustum*
- *Heslertonidium conjunctum*
- *Spiniferites spp.*
- *Gillinia hymenophora*
- *Paraodinia spp.*
- *Valensiella griphus*
- *Chatangiella spp.*
- *Dingodinium spp.*
- *Isabelidinium cretaceum*
- *Trithyrodinium spp.*
- *Alterbidinium spp.*

Algae

Absolute abundance

- *Inaperturate 'granulate'*
- *Presinophyte indet*
- *Sigmopollis carbonis*
- *Botryococcus spp*
- *Moutgatia spp*
- *Lepidopteran scale*
- *Tasmanites spp*
- *Pediastrum spp*

AC

*1

- *Micrhystridium SPP*
- *Nummus spp.*
- *Veryhachium spp.*
- *Cornasphaeridium cometes*

Depth

2000m
2025m
2050m
2075m
2100m
2125m
2150m
2175m
2200m
2225m
2250m
2275m
2300m
2325m
2350m
2375m
2400m
2425m
2450m
2475m
2500m

Samples (metres)

1985.0
1994.0
2015.0
2023.0
2035.0
2046.5
2055.0
2065.0
2069.0
2074.0
2089.5
2095.5
2110.5
2120.5
2125.5
2160.0
2173.0
2208.5
2216.0
2237.0
2252.5
2258.5
2270.0
2284.5
2298.5
2318.0
2383.5
2411.5
2479.0

Chart Key