Well Name : Amrit No.1

Interval : 2500m - 2980m

Scale : 1:3000

Chart date : 19 May 2005 **G.R. Wood**

Amrit No.1

Santos Ltd
Adelaide

Sampling
Cutting
Core
Sidewall core

Text Keys
*1 Absolute abundance (30mm=300 counts)
*2 Absolute abundance (30mm=100 counts)

Depth

Samples

Samples in Ditch(es)

Poly

Diversity: Acritarchs

Acritarchs

AC
*1

1 Nummus spp
2 Micrhystridium spp
3 Veryhachium spp
4 Micrhystridium spp

Diversity: Dinoflagellate Cysts

Dinoflagellate Cysts

Absolute abundance (30mm=100 counts)

DC
1 Paralecaniella indentata
2 Spiniferites spp
3 Xenikoon australis
4 Achomosphaera crassipellis
5 Impagidinium paradoxum
6 Areoligera coronata
7 Exochosphaeridium spp
8 Hystrichokolpoma rigaudiae
9 Trichodinium castanea
10 Xenascus spp
11 Heterosphaeridium spp
12 Hystrichosphaeridium tubiferum
13 Trichodinium spp
14 Unknown microplankton
15 Heterosphaeridium "exanii"
16 Hystrichosphaeridium truncatata
17 Odontochitina magna
18 Xenascus ceratioides
19 Isabelidinium nuculum
20 Lecaniella dictyota
21 Oligosphaeridium complex
22 Oligosphaeridium pulcherrimum
23 Senegalinium obscurum / Rhiadodes
24 Senegalinium macrocystum
25 Cribroperidinium diversispinosum
26 Coronifera oceanica
27 Cribroperidinium edwardsii
28 Heterosphaeridium conjunctum
29 Oligosphaeridium pulcherrimum
30 Palaecaniella sp
31 Odontochitina operculata
32 Isabelidinium thomasi
33 Nelsoniella aceras
34 Florentinia spp
35 Areoligera cf. medusettiformis
36 Heterosphaeridium heteracanthum
37 Unidentified chorate cysts
38

Diversity: Dinoflagellate Cysts

Dinoflagellate Cysts

Absolute abundance (30mm=100 counts)

SP
1 Aequitriradites spinulosus
2 Alisporites spp
3 Araucariacites australis
4 Baculatisporites spp
5 Bretisporites potoniei
6 Ceratosporites equalis
7 Cicatricosporites spp
8 Clavifera triplex
9 Cyathidites spp
10 Densosporites velatus
11 Dictyophyllidites spp
12 Proteacidites parvus
13 Proteacidites retiscabratus
14 Proteacidites retiformis
15 Proteacidites spp
16 Proteacidites truncatus
17 Retitriletes spp
18 Todisporites major
19 Triporoletes reticulatus
20 Tricolpites reticulatus
21 Verrucosisporites punctatus
22 Foraminisporis dailyi
23 Gleicheniidites spp
24 Lycopodiacidites rugulatus
25 Matonisporites cooksoniae
26 Microcachryidites antarcticus
27 Microfoveolatosporites fromensis
28 Phyllocladidites spp
29 Podosporites microsaccatus
30 Polycingulatisporites spp
31 Psilatricolporites crassus
32 Retitriletes austroclavatidites
33 Rugulatisporites mallatus
34 Stereisporites "freshiehi"
35 Todisporites spp
36 Triporoletes spp
37 Verrucosisporites spp
38 Aequitriradites spinulosus
39 Proteacidites truncatus
40 Retitriletes spp
41 Todisporites major
42 Tricolpites spp
43 Triporoletes reticulatus
44 Verrucosisporites spp
45 Foraminisporis dailyi
46 Gleicheniidites spp
47 Lycopodiacidites rugulatus
48 Matonisporites cooksoniae
49 Microcachryidites antarcticus
50 Microfoveolatosporites fromensis
51 Phyllocladidites spp
52 Podosporites microsaccatus
53 Polycingulatisporites spp
54 Psilatricolporites crassus
55 Retitriletes austroclavatidites
56 Rugulatisporites mallatus
57 Stereisporites "freshiehi"
58 Todisporites spp
59 Triporoletes reticulatus
60 Verrucosisporites spp
61 Aequitriradites spinulosus
62 Alisporites spp
63 Araucariacites australis
64 Baculatisporites spp
65 Bretisporites potoniei
66 Ceratosporites equalis
67 Cicatricosporites spp
68 Clavifera triplex
69 Cyathidites spp
70 Densosporites velatus
71 Dictyophyllidites spp
72 Dictyotosporites complex
73 Dictyotosporites speciosus
74 Foraminisporis dailyi
75 Foveosporites pseudoalveolatus
76 Gambierina edwardsii
77 Gambierina rotundata
78 Gleicheniidites spp
79 Lycopodiacidites rugulatus
80 Matonisporites cooksoniae
81 Microcachryidites antarcticus
82 Microfoveolatosporites fromensis
83 Murospora florida
84 Neoraistrickia truncata
85 Phyllocladidites spp
86 Podosporites microsaccatus
87 Polycingulatisporites spp
88 Psilatricolporites crassus
89 Retitriletes austroclavatidites
90 Rugulatisporites mallatus
91 Stereisporites "freshiehi"
92 Todisporites major
93 Todisporites spp
94 Triporoletes reticulatus
95 Tricolpites spp
96 Verrucosisporites spp
97 Aequitriradites spinulosus
98 Alisporites spp
99 Araucariacites australis
100 Baculatisporites spp
101 Bretisporites potoniei
102 Ceratosporites equalis
103 Cicatricosporites spp
104 Clavifera triplex
105 Cyathidites spp
106 Densosporites velatus
107 Dictyophyllidites spp
108 Dictyotosporites complex
109 Dictyotosporites speciosus
110 Foraminisporis dailyi
111 Gambierina edwardsii
112 Gambierina rotundata
113 Gleicheniidites spp
114 Lycopodiacidites rugulatus
115 Matonisporites cooksoniae
116 Microcachryidites antarcticus
117 Microfoveolatosporites fromensis
118 Murospora florida
119 Neoraistrickia truncata
120 Phyllocladidites spp
121 Podosporites microsaccatus
122 Polycingulatisporites spp
123 Psilatricolporites crassus
124 Retitriletes austroclavatidites
125 Rugulatisporites mallatus
126 Stereisporites "freshiehi"
127 Todisporites major
128 Todisporites spp
129 Triporoletes reticulatus
130 Tricolpites spp
131 Verrucosisporites spp
132 Stereisporites antiquasporites
133

Diversity: Spores And Pollen

Spores And Pollen

Diversity: Spores And Pollen

MP
*2
REWORKING - Permian
Fungal debris
REWORKING - Triassic
Megaspores (undiff)
Undetected (biodegraded)

Palynology

Category % Palynology

AC
MP
DC
AL
SP

2500m
2550m
2600m
2650m
2700m
2750m
2800m
2850m
2900m
2950m

2528.0
2548.0
2562.0
2571.5
2576.0
2582.5
2603.0
2632.0
2723.5
2747.0
2812.0
2834.5
2851.0
2875.0
2901.5
2925.0