

Table 8

GSQ Hughenden-7, Eromanga Basin

Quantitative spore and pollen groups data

Sample depth (m)	Upland	Lowland/River	Lowland, warm/temperate and humid	Lowland, warm/temperate and less humid	Coastal cool/temperate and relatively dry	Coastal warm/temperate and dry	Total spore-pollen within assemblage
17.20	4	10	1	29	93	5	210
19.35	3	3	0	22	62	6	200
20.80	5	8	0	47	80	2	202
24.96	9	19	67	88	65	1	287
25.90	8	16	33	88	33	1	204
27.00	2	27	23	81	46	2	208
28.37	8	26	11	102	41	1	223
32.91	8	11	20	107	22	p	207
37.29	4	29	21	91	31	4	200
45.72	6	5	18	75	71	p	207
53.03	4	10	24	72	50	2	200
60.90	18	20	36	76	46	9	217
63.40	12	3	10	78	65	1	187
66.00	7	9	8	87	57	5	200
71.00	4	9	8	68	27	1	204
76.00	9	10	21	74	50	1	217
81.00	0	13	23	62	42	0	208
86.00	21	12	10	36	60	0	206
91.00	29	22	8	46	53	0	200
96.00	30	12	13	43	66	0	203
101.00	30	5	9	31	85	1	200
106.00	27	9	12	59	71	3	211
110.00	36	9	8	31	84	2	201
111.40	41	19	14	40	51	0	207
116.00	44	16	15	36	59	0	213
121.00	26	11	6	71	59	1	209
126.00	31	17	9	67	51	4	214
131.00	23	29	4	76	31	1	204
136.20	22	21	10	76	29	13	206
136.63	34	13	2	53	41	5	204
140.60	46	20	12	69	33	0	218
142.65	23	18	20	55	29	4	201
151.18	37	20	14	61	17	12	210
160.70	28	30	12	76	30	5	206
171.36	13	27	12	83	20	19	210
176.30	21	21	12	69	23	8	215
177.21	40	16	8	85	22	12	219

Table 9
GSQ Manuka-1, Eromanga Basin
Quantitative distribution chart of dinoflagellate cysts

<i>Apteodinium granulatum</i>	48									
<i>Palaeoperidinium cretaceum</i>	47	1	1	1	1	1	1	1	1	1
<i>Diconodinium</i> spp	46	5	4	1	1	1	1	1	1	1
<i>Aprobolocysta</i> spp	45									
<i>Angustodinium acribes</i>	44									
<i>Chlamydophorella solidus</i>	43									
<i>Proloxisphaeridium parvispinum</i>	42									
<i>Meiourogonyaulax</i> spp	41									
<i>Fromea monilifera</i>	40									
<i>Nummus monoculatus</i>	39								2	
<i>Impagidinium</i> spp	38									
<i>Exochosphaeridium</i> spp	37	3	1	1	1	1	1	1	1	1
<i>Carpodinium granulatum</i>	36									
<i>Heslertonia heslertonensis</i>	35									
<i>Gonyaulacysta</i> spp	34									
<i>Cometodinium</i> spp	33									
<i>Batiacasphaera</i> spp	32								2	
<i>Dingodinium cerviculum</i>	31									
<i>Kiokansium polypes</i>	30									
<i>Discorsia nanna</i>	29									
<i>Sentusidinium apiene</i>	28									
<i>Muderongia tetricantha</i>	27									
<i>Pareodinia ceratophora</i>	26									
<i>Wallodinum lunum</i>	25									
<i>Cassiculosphaeridium reticulata</i>	24									
<i>Leptodinium</i> spp	23									
<i>Trichodinium</i> spp	22									
<i>Hystrichosphaeridium</i> spp	21									
<i>Canningia</i> spp	20									
<i>Kallosphaeridium coninckii</i>	19									
<i>Batioladinum</i> spp	18									
<i>Hystrichodinium pulchrum</i>	17									
<i>Endoscrinium bessebae</i>	16									
<i>Chlamydophorella</i> spp	15									
<i>Rhombodella natans</i>	14									
<i>Canningtonopsis colliveri</i>	13									
<i>Coronifera oceanica</i>	12	6	1	1	1	1	1	1	1	1
<i>Cyclonephelium distinctum</i>	11	2	2	2	2	2	2	2	2	2
<i>Oligosphaeridium</i> spp	10	1	1	1	1	1	1	1	1	1
<i>Apteodinium maculatum</i>	9	1	1	1	1	1	1	1	1	1
<i>Tanyosphaeridium</i> spp	8	1	1	1	1	1	1	1	1	1
<i>Criboperidiunum</i> spp	7	—	—	—	—	—	—	—	—	—
<i>Dapsilidinium nyei</i>	6	—	—	—	—	—	—	—	—	—
<i>Spiniferites</i> spp	5	1	1	1	1	1	1	1	1	1
<i>Odontochitina operculata</i>	4	25	25	25	25	25	25	25	25	25
<i>Cleistosphaeridium</i> spp	3	25	25	25	25	25	25	25	25	25
<i>Sentusidinium</i> spp	2	14	14	14	14	14	14	14	14	14
<i>Muderongia</i> spp	1	1	1	1	1	1	1	1	1	1
Sample depth (m)										
240.29	9	3	1	3	1	3	1	3	1	3
250.32	2	5	1	3	1	3	1	3	1	3
273.18	3	1	?	1	?	1	?	1	?	1
327.31	1	2	?	1	1	1	1	1	1	1
346.21	1	2	2	2	1	1	1	1	1	1
356.50	2	1	4	1	1	4	2	2	1	1
407.00	2	10	8	5	3	2	7	3	1	?
429.52	6	12	1	1	1	1	1	1	1	1
451.91	?	7	5	2	12	3	1	6	2	1
471.19	24	10	3	22	3	1	7	25	3	1
490.40	4	29	13	13	2	3	4	4	1	3
501.47	17	8	11	10	10	6	11	11	p	3
511.30		10	6	20	5	14	8	3	14	1
526.90		1	2	1	1	1	1	1	1	1
528.10	p	3	2	1	1	2	?	p	3	1
533.52		19	3	10	10	2	36	1	5	3
546.00	11	67	5	24	22	2	1	2	1	1
556.48	10	25	58	12	21	1	1	7	3	2
566.5	11	23	34	17	19	1	5	4	6	9
572.93	4	27	55	16	34	2	1	2	6	2
579.8	27	9	27	17	17	3	3	4	?	2
600.00	22	37	1	22	8	2	10	1	2	3
610.00	15	28	4	10	20	2	6	5	1	?
620.00	1	14	40	2	13	12	1	7	3	9
635.00	26	11	1	10	18	5	p	13	3	1
641.78	13	6	5	6	p	1	2	1	3	1
647.70	3	26	14	2	9	19	2	1	6	3
658.07	21	25	1	7	21	p	2	1	12	1
668.52	73	22	6	32	3	2	1	1	2	5
681.82	1	44	26	5	43	2	3	1	8	2
690.13	38	36	4	30	2	1	3	14	1	2
701.37	1	19	66	5	21	1	2	1	11	1
704.52	2	24	43	7	4	21	4	2	9	5
711.34	1	51	51	1	20	p	1	1	6	8
720.33	1	61	34	3	13	1	3	p	1	1
741.11		1	1	1	1	1	1	1	1	1
749.40		1	1	1	1	1	1	1	1	1
756.65	1	1	1	1	1	1	1	1	1	1

Table 10
 GSQ Manuka-1, Eromanga Basin
 Quantitative spore and pollen groups data

Sample depth (m)	Upland	Lowland/River	Lowland, warm/temperate and humid	Lowland, warm/temperate and less humid	Coastal cool/temperate and relatively dry	Coastal warm/temperate and dry	Total spore-pollen within assemblage
240.29	30	16	15	109	40	5	239
250.32	30	11	7	116	34	5	220
273.18	24	8	9	117	34	4	212
327.31	6	4	3	32	25	10	211
346.21	28	13	15	106	31	13	230
356.50	30	8	6	111	23	10	224
407.00	16	3	3	100	51	3	214
429.52	19	4	2	99	44	6	205
451.91	22	9	9	65	40	21	205
471.19	13	2	5	91	37	8	206
490.40	15	0	3	85	73	p	217
501.47	22	16	10	92	23	7	207
511.30	31	3	1	53	41	4	212
526.90	2	0	1	28	68	3	204
528.10	8	2	0	61	59	6	201
537.52	7	0	0	56	39	5	210
546.00	4	4	7	95	54	1	202
556.48	14	10	11	64	53	0	200
566.15	12	4	9	77	57	1	201
572.93	8	8	22	69	60	1	206
579.18	7	2	2	73	45	0	204
600.00	51	10	9	58	62	3	224
610.00	67	10	23	45	49	3	211
620.00	44	11	9	66	36	6	202
635.00	25	34	12	81	26	3	217
641.78	17	14	13	79	55	1	233
647.70	31	32	8	68	51	0	265
658.07	26	10	12	73	32	1	200
668.52	26	15	15	45	62	0	208
681.82	21	12	9	44	53	p	204
690.43	33	9	7	71	45	1	212
701.37	31	21	12	71	41	5	219
704.52	36	19	3	74	28	5	204
711.34	20	14	5	70	40	2	203
720.33	32	18	4	63	59	4	204
741.11	22	13	11	66	54	3	205
749.40	23	8	15	47	61	6	200
756.65	18	20	28	46	57	6	205