

Table 13
GSQ Hughenden-7, Eromanga Basin
Organic carbon, total organic carbon
and carbonate content data

Sample depth (m)	$\delta^{13}C_{org}$	Sample depth (m)	TOC %	Sample depth (m)	Carb.%
15.10	-28.10	15.10	6.534	15.10	13.473
17.20	-18.06	17.20	7.92	17.20	19.534
19.35	-28.30	19.35	7.106	19.35	15.709
20.80	-27.33	20.80	4.968	20.80	20.027
24.96	-26.60	24.96	0.599	24.96	0.743
25.90	-25.90	25.90	0.588	25.90	1.722
27.00	-26.79	27.00	0.572	27.00	1.554
28.37	-26.20	28.37	0.623	28.37	1.698
32.91	-25.80	32.91	0.588	32.91	1.870
37.29	-24.40	37.29	0.921	37.29	1.189
45.72	-25.50	45.72	0.723	45.72	1.332
53.03	-25.60	53.03	0.596	53.03	1.391
60.90	-25.30	60.90	0.884	60.90	1.443
63.40	-26.00	63.40	0.934	63.40	2.346
66.00	-27.00	66.00	1.183	66.00	0.595
71.00	-26.80	71.00	0.512	71.00	1.533
76.00	-25.90	76.00	2.274	76.00	2.346
81.00	-24.80	81.00	0.949	81.00	2.250
86.00	-24.90	86.00	0.635	86.00	1.185
91.00	-25.60	91.00	1.021	91.00	0.688
96.00	-24.80	96.00	0.809	96.00	0.496
101.00	-25.20	101.00	0.889	101.00	1.371
106.00	-25.50	106.00	0.594	106.00	1.724
110.00	-25.40	110.00	0.89	110.00	0
111.40	-24.50	111.40	1.102	111.40	1.103
116.00	-24.40	116.00	1.073	116.00	0.612
121.00	-25.10	121.00	0.672	121.00	1.266
126.00	-25.00	126.00	0.784	126.00	1.537
131.00	-24.80	131.00	0.789	131.00	1.317
136.20	-25.00	136.20	0.802	136.20	0.743
136.63	-25.40	136.63	0.541	136.63	1.254
140.60	-24.60	140.60	0.834	140.60	0.594
142.65	-24.50	142.65	0.912	142.65	1.187
151.18	-25.00	151.18	1.108	151.18	1.173
160.70	-24.30	160.70	1.246	160.70	1.032
171.36	-24.70	171.36	1.057	171.36	0.523
176.30	-24.80	176.30	1.129	176.30	1.107
177.21	-24.40	177.21	1.839	177.21	1.476

Table 14
GSQ Manuka-1, Eromanga Basin
Organic carbon, total organic carbon
and carbonate content data

Sample depth (m)	$\delta^{13}C_{org}$	Sample depth (m)	TOC %	Sample depth (m)	Carb.%
240.29	-24.95	240.29	1.128	240.29	0
250.32	-26.50	250.32	0.45	250.32	0.745
262.95	-25.46	262.95	1.65	262.95	1.491
273.18	-25.10	273.18	0.966	273.18	0.879
285.68	-25.10	285.68	0.965	285.68	1.756
296.60	-25.07	296.60	1.04	296.60	1.497
306.28	-25.19	306.28	1.262	306.28	1.406
316.58	-25.34	316.58	1.064	316.58	2.284
327.31	-25.16	327.31	1.824	327.31	1.242
336.88	-26.60	336.88	1.02	336.88	3.3
346.21	-25.70	346.21	1.02	346.21	1.620
356.50	-25.70	356.50	1.07	356.50	2.090
367.38	-26.20	367.38	0.91	367.38	4.359
377.00	-26.20	377.00	1.06	377.00	1.688
387.52	-26.60	387.52	0.54	387.52	5.246
397.28	-25.40	397.28	1.03	397.28	1.308
407.00	-25.32	407.00	1.116	407.00	2.409
420.17	-26.24	420.17	1.311	420.17	5.749
429.52	-26.49	429.52	1.234	429.52	0
441.07	-26.07	441.07	1.895	441.07	0
451.91	-25.41	451.91	1.211	451.91	1.459
460.98	-25.29	460.98	0.967	460.98	0.878
471.19	-25.19	471.19	1.642	471.19	0.861
480.71	-25.30	480.71	1.171	480.71	1.2
490.40	-25.28	490.40	1.523	490.40	0.462
501.47	-26.22	501.47	1.1	501.47	4.5
511.30	-27.67	511.30	6.95	511.30	14.541
515.00	-27.81	515.00	7.505	515.00	5.7
525.67	-28.76	525.67	12.087	525.67	33.585
526.90	-29.10	526.90	15.91	526.90	41.2
528.10	-28.17	528.10	8.884	528.10	46.413
532.40	-28.47	532.40	12.783	532.40	14.397
537.52	-28.91	537.52	6.642	537.52	23.5
546.00	-27.41	546.00	1.641	546.00	0.848
556.48	-26.30	556.48	0.61	556.48	1.1
566.15	-25.70	566.15	0.77	566.15	1.3
572.93	-26.50	572.93	0.83	572.93	2.1
579.18	-26.60	579.18	0.4	579.18	2.9
580.53	-26.10	580.53	0.88	580.53	1.400
585.00	-25.97	585.00	0.98	585.00	0.783
590.00	-25.40	590.00	0.65	590.00	1.479
596.40	-24.80	596.40	0.8	596.40	1.234
600.00	-24.10	600.00	0.84	600.00	1.711
605.14	-24.50	605.14	0.824	605.14	0
610.00	-24.40	610.00	1.098	610.00	1.822
615.00	-24.80	615.00	0.987	615.00	2.204
620.00	-25.10	620.00	1.035	620.00	1.867
625.00	-24.70	625.00	0.905	625.00	1.695
631.00	-24.60	631.00	1.019	631.00	1.365
635.00	-24.30	635.00	0.73	635.00	0.897
639.72	-24.70	639.72	0.59	639.72	1.240
641.78	-24.96	641.78	0.94	641.78	0.611
647.70	-24.96	647.70	0.589	647.70	0.840
658.07	-26.96	658.07	0.67	658.07	1.136
668.52	-25.44	668.52	0.924	668.52	0.303
681.82	-25.84	681.82	1.23	681.82	0.687
690.43	-24.52	690.43	1.328	690.43	0
701.37	-24.72	701.37	0.41	701.37	1.223
704.52	-25.46	704.52	0.175	704.52	11.116
711.34	-23.55	711.34	1.23	711.34	0.915
720.33	-24.82	720.33	1.254	720.33	1.837

Table 15
 GSQ Eromanga-1, Eromanga Basin
 Organic carbon isotope, total organic carbon
 and carbonate content

Sample depth (m)	Carbonate %
473.50	1.983
482.11	2.958
486.20	1.649
496.90	1.315
507.55	5.312
518.65	1.583
530.67	2.576
538.71	5.778
547.28	2.868
554.24	1.134
563.40	2.103
572.75	1.842
581.68	1.383
589.54	1.523
598.10	1.814
608.22	1.431
616.24	1.321
629.20	1.515
638.10	14.305
646.16	1.303
655.12	2.410
663.87	1.622
672.78	1.460
681.40	1.335
689.74	1.622
699.05	1.829
703.05	2.036
705.30	1.415
707.35	2.817
710.38	1.581
712.70	1.554
731.30	1.498
741.03	2.241
752.65	1.208
776.21	1.491
785.00	14.332
797.40	1.731
808.76	1.303
814.76	1.425

Sample depth (m)	TOC %
473.50	1.448
482.11	0.804
486.20	0.949
496.90	1.171
507.55	1.216
518.65	0.907
530.67	0.974
538.71	1.398
547.28	0.839
554.24	1.540
563.40	0.699
572.75	0.680
581.68	0.758
589.54	0.837
598.10	0.804
608.22	0.947
616.24	0.630
629.20	0.632
638.10	1.415
646.16	0.502
655.12	0.714
663.87	1.596
672.78	0.966
681.40	0.966
689.74	1.323
699.05	1.675
703.05	1.270
705.30	1.920
707.35	1.187
710.38	1.307
712.70	1.023
731.30	0.574
741.03	0.784
752.65	0.968
776.21	1.262
785.00	0.425
797.40	0.896
808.76	0.765
814.76	1.152

Sample depth (m)	$\delta^{13}C_{org}$
473.50	-25.10
482.11	-24.90
486.20	-26.20
496.90	-25.40
507.55	-25.20
518.65	-25.60
530.67	-25.70
538.71	-25.60
547.28	-25.50
554.24	-25.70
563.40	-26.50
572.75	-27.10
581.68	-25.90
589.54	-26.40
598.10	-25.60
608.22	-25.10
616.24	-25.20
629.20	-25.00
638.10	-24.30
646.16	-26.20
655.12	-25.70
663.87	-25.10
672.78	-24.90
681.40	-24.75
689.74	-24.80
699.05	-24.00
703.05	-23.10
705.30	-23.10
707.35	-23.12
710.38	-24.10
712.70	-24.30
731.30	-25.10
741.03	-24.80
752.65	-24.90
776.21	-25.00
785.00	-26.50
797.40	-25.30
808.76	-25.90
814.76	-25.80

Sample depth (m)	Carbonate %
146.42	1.774
151.74	1.698
153.95	1.651
160.44	1.574
171.38	1.724
182.18	2.817
188.61	2.210
204.95	1.026
215.68	1.136
227.51	1.135
236.95	2.128
258.32	1.619
268.40	1.287
277.18	1.263
287.44	1.576
295.21	1.610
305.06	0.556
309.27	1.432
320.02	1.690
329.29	7.615
339.22	2.415
349.58	1.905
359.13	1.314
368.93	1.479
382.30	1.594
393.00	3.750
401.86	1.240
413.46	1.532
422.78	1.707
434.43	5.476
443.25	4.846
452.13	7.383
460.73	8.851
464.75	16.342
467.15	19.871
467.97	26.762
468.71	28.361
469.54	1.252
471.44	0.952

Sample depth (m)	TOC %
146.42	1.979
151.74	1.120
153.95	0.698
160.44	4.231
171.38	1.340
182.18	1.005
188.61	1.004
204.95	1.001
215.68	0.254
227.51	0.866
236.95	0.891
258.32	0.128
268.40	0.808
277.18	2.281
287.44	1.079
295.21	1.006
305.06	0.964
309.27	0.922
320.02	0.962
329.29	1.152
339.22	0.920
349.58	0.865
359.13	1.061
368.93	1.137
382.30	1.036
393.00	0.958
401.86	0.942
413.46	1.147
422.78	1.110
434.43	1.558
443.25	2.721
452.13	3.284
460.73	3.805
464.75	3.775
467.15	15.326
467.97	15.720
468.71	19.642
469.54	0.500
471.44	2.525

Sample depth (m)	$\delta^{13}C_{org}$
146.42	-24.70
151.74	-25.30
153.95	-25.20
160.44	-25.10
171.38	-24.70
182.18	-25.90
188.61	-25.60
204.95	-25.50
215.68	-26.20
227.51	-25.50
236.95	-26.40
258.32	-27.50
268.40	-26.20
277.18	-24.90
287.44	-26.20
295.21	-25.40
305.06	-25.50
309.27	-25.40
320.02	-25.50
329.29	-25.50
339.22	-26.20
349.58	-25.60
359.13	-24.90
368.93	-25.40
382.30	-25.40
393.00	-25.90
401.86	-26.20
413.46	-25.80
422.78	-25.60
434.43	-26.90
443.25	-27.40
452.13	-27.70
460.73	-28.30
464.75	-28.15
467.15	-28.60
467.97	-28.40
468.71	-28.40
469.54	-26.00
471.44	-25.70

Table 16
DSDP site 263, NW Shelf Australia
Organic carbon isotope data

Depth (m)	$\delta^{13}\text{C}_{\text{org}}$
3.49	-22.228
55.40	-22.483
94.49	-22.794
116.54	-25.349
129.67	-25.054
148.70	-25.153
152.23	-24.999
156.00	-24.921
177.33	-25.694
179.10	-25.836
205.69	-25.113
228.51	-25.201
243.69	-25.086
246.79	-24.821
262.80	-24.845
266.69	-25.166
281.67	-25.764
282.99	-25.211
284.31	-26.345
286.41	-25.863
300.53	-26.584
301.59	-26.670
303.11	-25.250
306.56	-25.434
319.70	-25.821
322.48	-25.248
325.49	-25.408
338.70	-26.751
341.49	-25.823
357.26	-25.844
386.74	-27.366
390.50	-26.967
393.81	-27.544
414.21	-27.229