

File:YGS CHR 03 POST TAB 02.jpg

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[Jump to navigation](#) [Jump to search](#)

- [File](#)
- [File history](#)
- [File usage](#)
- [Metadata](#)

Sample number	Map ref./ depth (m)	Stratigraphical details ¹	Stratigraphical age (Ma)	Present temp. (°C)	Measured VR ² (%)	Maximum palaeotemp. from VR ³ (°C)	Maximum palaeotemp. from AFTA ³ (°C)	Onset of cooling from AFTA (Ma)
Southern Pennines								
RD41-46	SK 125 833 outcrop	Mam Tor Sandstone (Kinderscoutian)	321–323	10	–		a: 100–110 b: 80–90	290–220 80–40
RD41-47	SK 131836 outcrop	Mam Tor Sandstone (Kinderscoutian)	321–323	10	–		a: >110 b: 75–85	240–180 90–30
RD41-48.1	SK 125833 outcrop	Edale Shale (Alportian–Pendleian)	333–323	10	0.53 (24)	88	–	–
RD41-49.1	SK 126835 outcrop	Edale Shale (Alportian–Pendleian)	333–323	10	0.57 (25)	94	–	–
RD41-50.1	SK 129836 outcrop	Edale Shale (Alportian–Pendleian)	333–323	10	0.55 (4)	91	–	–
RD41-51.1	SK 134833 outcrop	Edale Shale (Alportian–Pendleian)	333–323	10	0.57 (17)	88	–	–
47/25-1								
GC290-7	524–533	Lower Cretaceous	144–97.5	32	0.36 (7)	59	–	–
GC290-8	552–564	Lower Cretaceous	144–97.5	33	0.41 (4)	68	–	–
GC290-1	625–677	Lower Cretaceous	144–97.5	38	–	–	55–80	125–0
GC290-1	625–677	Lower Cretaceous	144–97.5	38	0.34 (14)	53	–	–
GC290-9	724–744	Upper Jurassic	162–144	42	0.50 (9)	83	–	–
GC290-10	853–863	Upper Jurassic	162–144	48	0.52 (5)	86	–	–
GC290-2	923–966	Middle Jurassic	187–162	53	–	–	75–90	100–0
GC290-2	923–966	Middle Jurassic	187–162	53	0.35 (9)	56	–	–
GC290-11	975–984	Lower Jurassic	208–187	54	0.58 (12)	96	–	–
GC290-12	1116–1125	Lower Jurassic	208–187	60	0.47 (4)	79	–	–
GC290-3	1204–1311	Middle–Upper Triassic	243–213	62	0.35 (5)	56	–	–
GC290-3	1204–1311	Middle–Upper Triassic	243–213	62	–	–	No constraint	No constraint
GC290-5	1570–1737	Lower Triassic	258–243	68	–	–	100–105	90–20
GC290-6	2288–2304	Lower Permian	286–268	86	–	–	110–125	90–40

1. All numerical values for stratigraphical ages were assigned following Harland et al. (1989).

2. Numbers in parentheses show the number of fields measured, where available.

3. Thermal history interpretation has been carried out using methods outlined by Green et al. (2002), with assumed heating rates of 1°C/Ma and cooling rates of 10°C/Ma.

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Summary

description

English: Table 2 Thermal-history interpretation summary of AFTA and VR data.

From: [Carboniferous hydrocarbon resources: the southern North Sea and surrounding onshore areas](#), edited by J. D. Collinson, D. J. Evans, D. W. Holliday, N. S. Jones. Published as volume 7 in the Occasional Publications series of the [Yorkshire Geological Society](#), Copyright [Yorkshire Geological Society](#) 2005.

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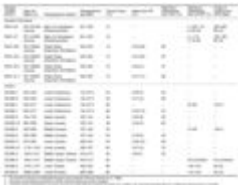
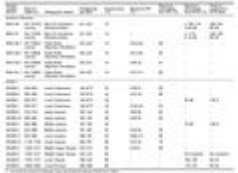
Carboniferous hydrocarbon resources: the southern North Sea and surrounding onshore areas

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- Not logged in
- [Talk](#)
- [Contributions](#)
- [Log in](#)
- [Request account](#)

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- [File](#)
- [Discussion](#)

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- [Read](#)
- [Edit](#)
- [View history](#)

- [PDF Export](#)



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- [Main page](#)
- [Recent changes](#)
- [Random page](#)
- [Help about MediaWiki](#)

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- [What links here](#)
- [Related changes](#)
- [Special pages](#)
- [Permanent link](#)
- [Page information](#)
- [Browse properties](#)

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