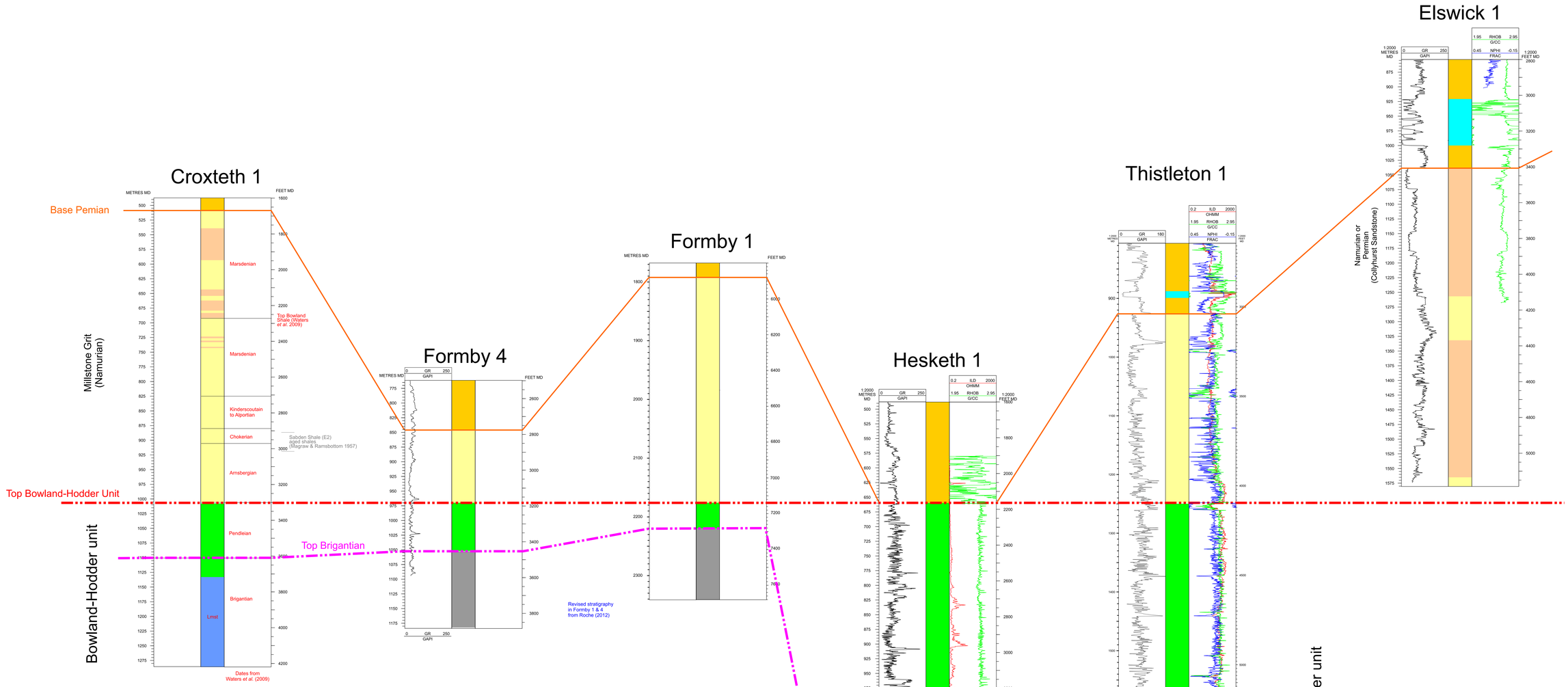
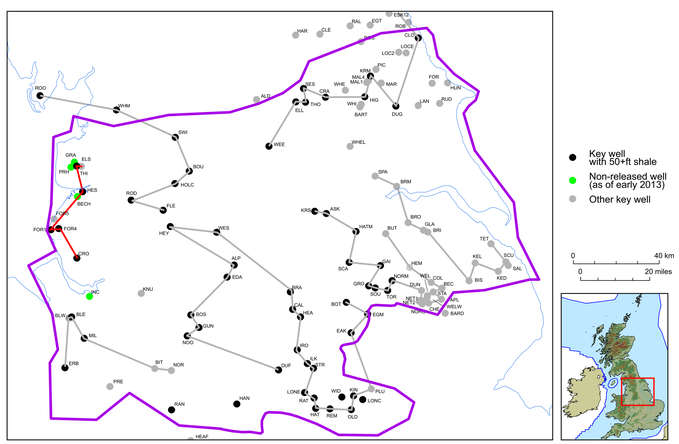
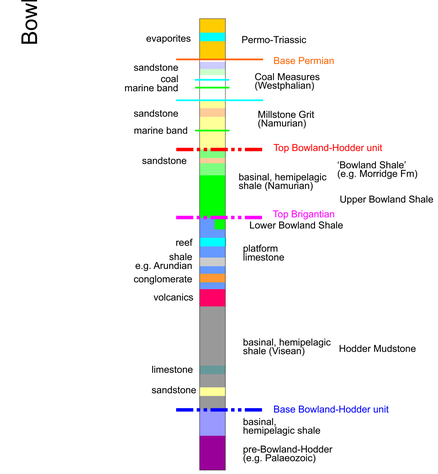


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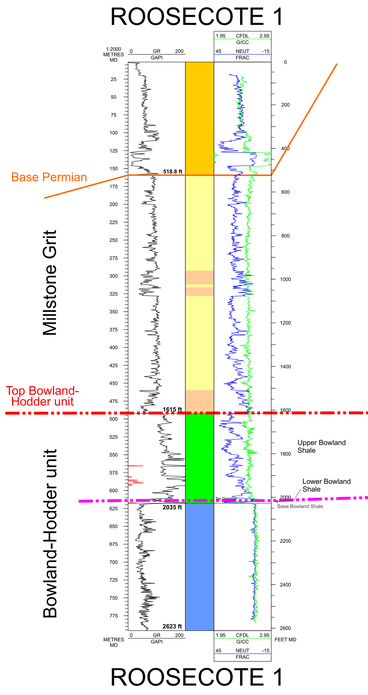
Andrews, I.J. 2013. *The Carboniferous Bowland Shale gas study: geology and resource estimation.* British Geological Survey for Department of Energy and Climate Change, London, UK.

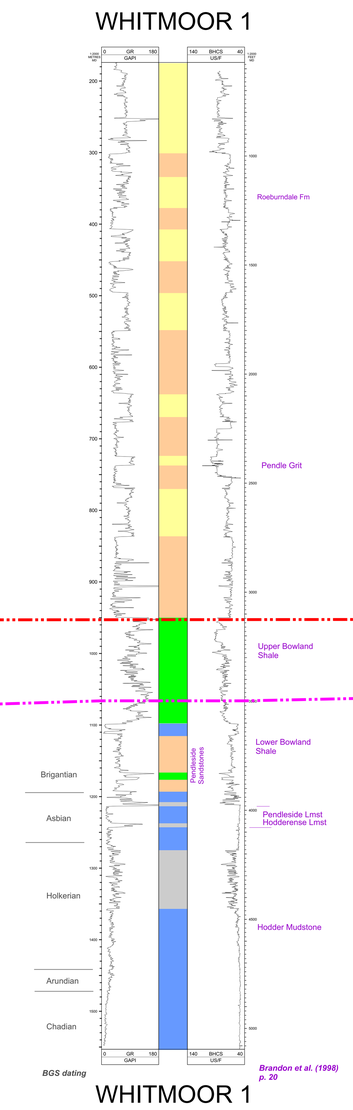


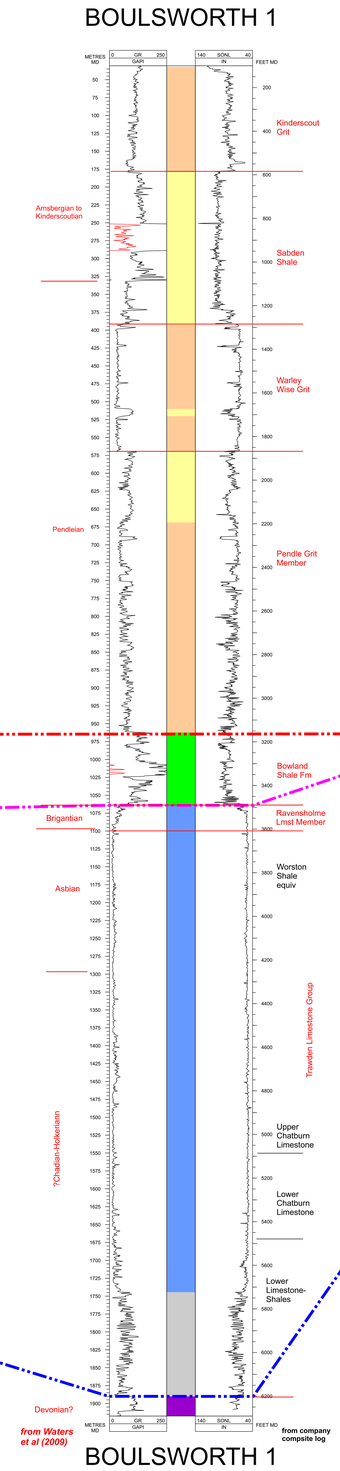


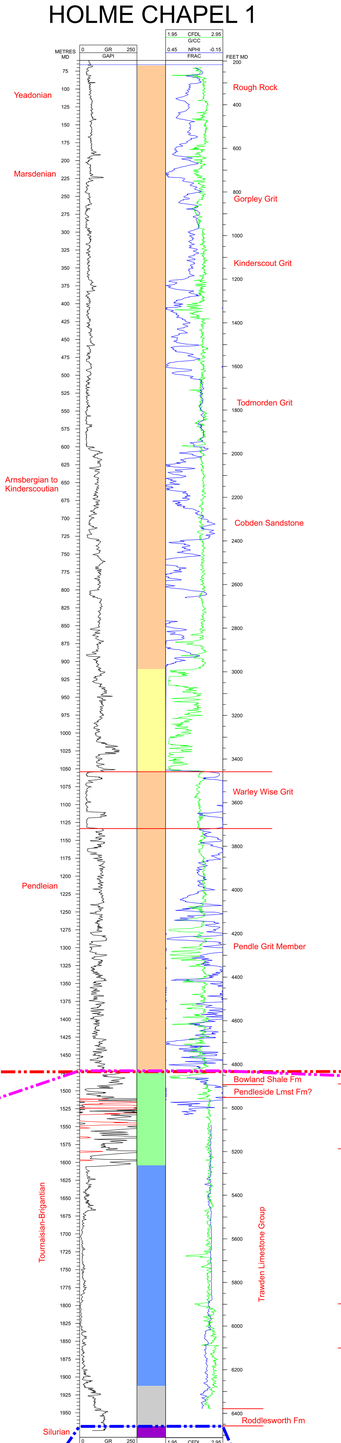
Appendix D. Detailed correlation of the Bowland-Hodder unit between key wells in the west Bowland Basin.

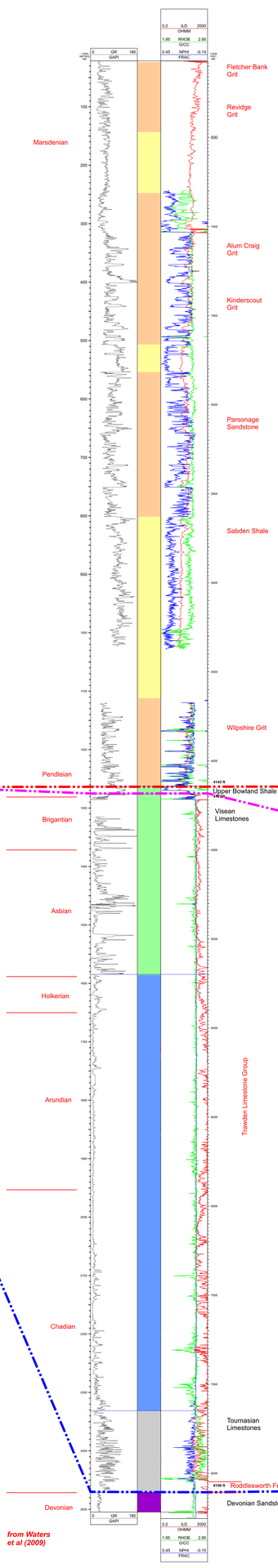
Disclaimer: density, neutron and resistivity data are plotted as available and may not be quality checked. The verification of log values is recommended prior to further analysis. BGS accept no responsibility for data errors.

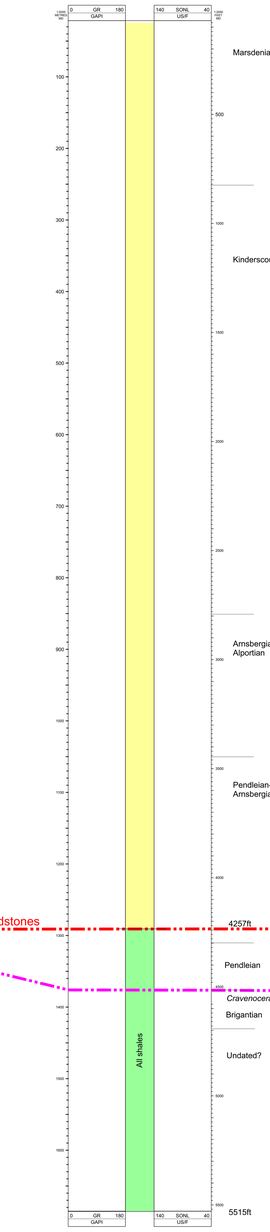


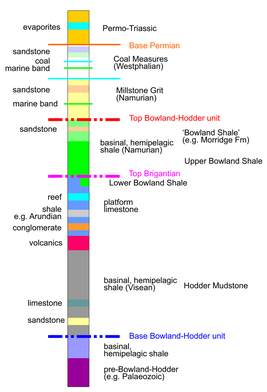


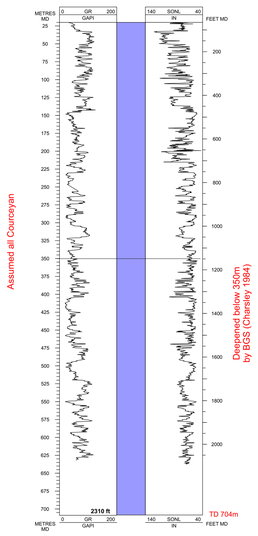


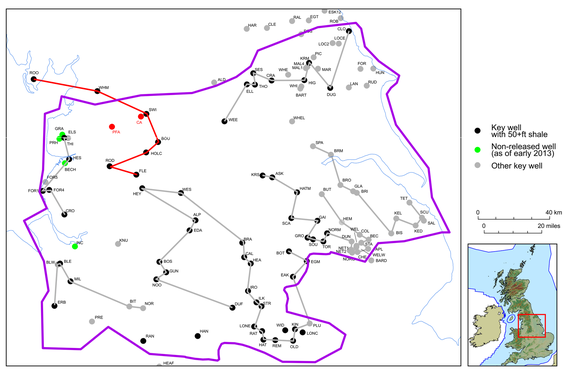










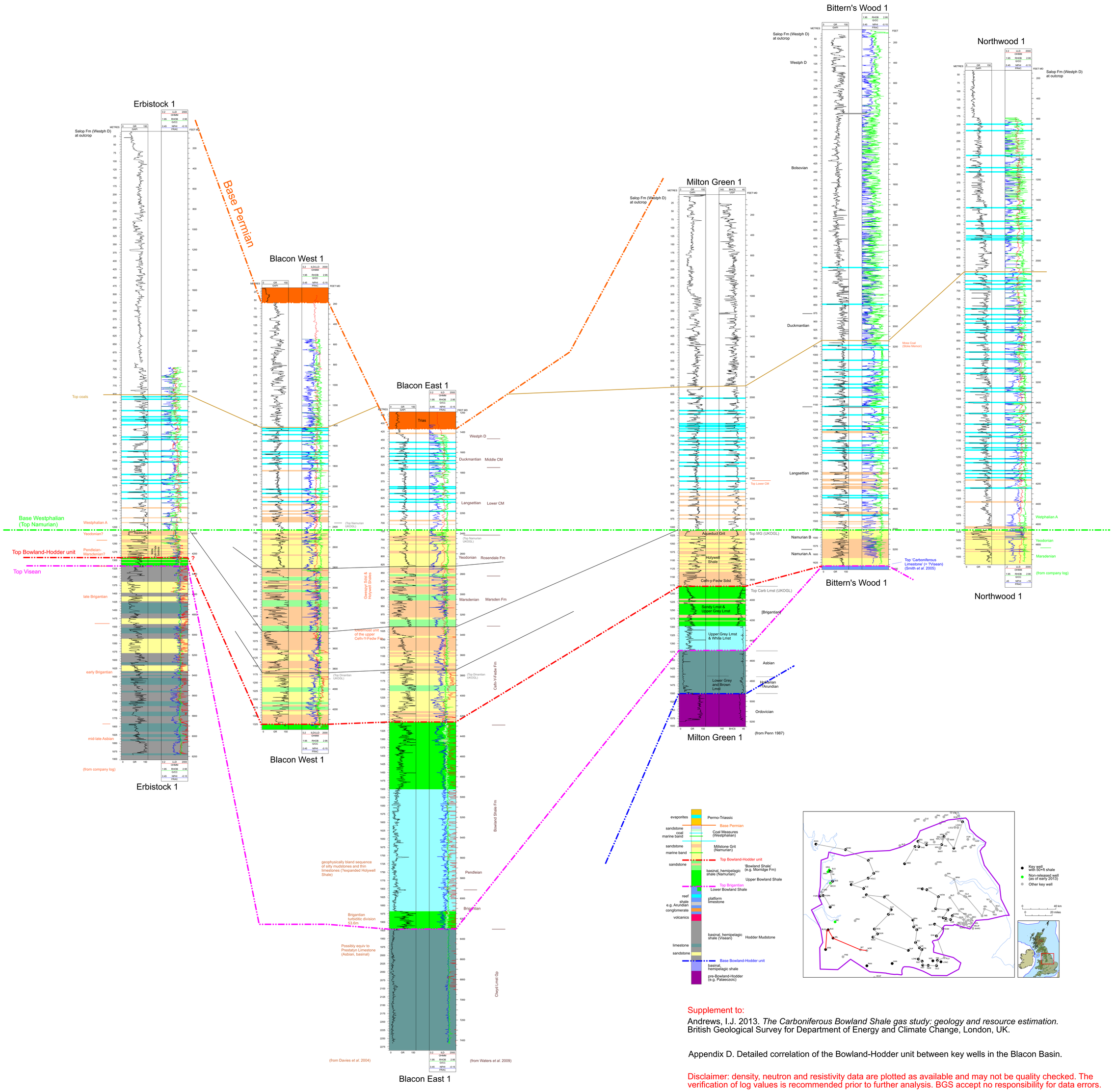


Supplement to:

Andrews, I.J. 2013. *The Carboniferous Bowland Shale gas study: geology and resource estimation.* British Geological Survey for Department of Energy and Climate Change, London, UK.

Appendix D. Detailed correlation of the Bowland-Hodder unit between key wells in the east Bowland Basin.

Disclaimer: density, neutron and resistivity data are plotted as available and may not be quality checked. The verification of log values is recommended prior to further analysis. BGS accept no responsibility for data errors.

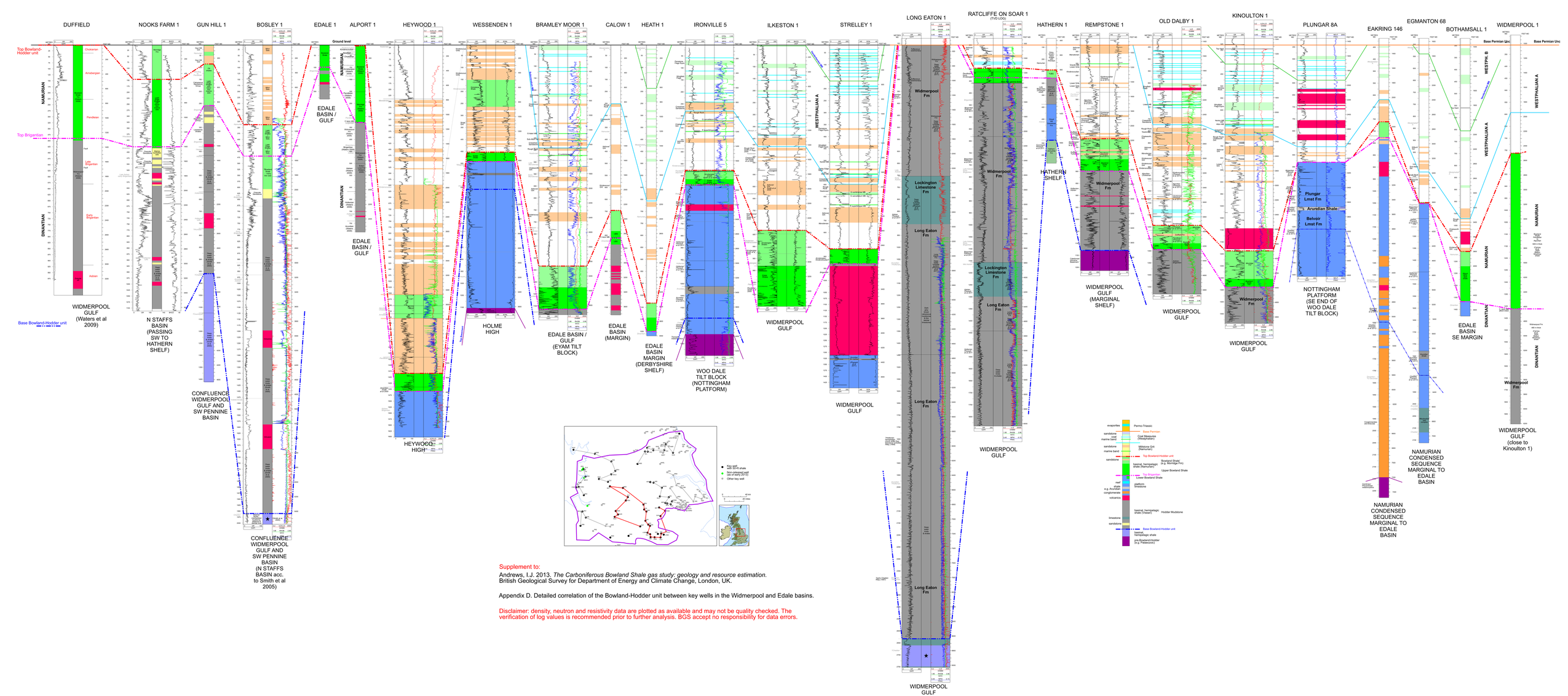


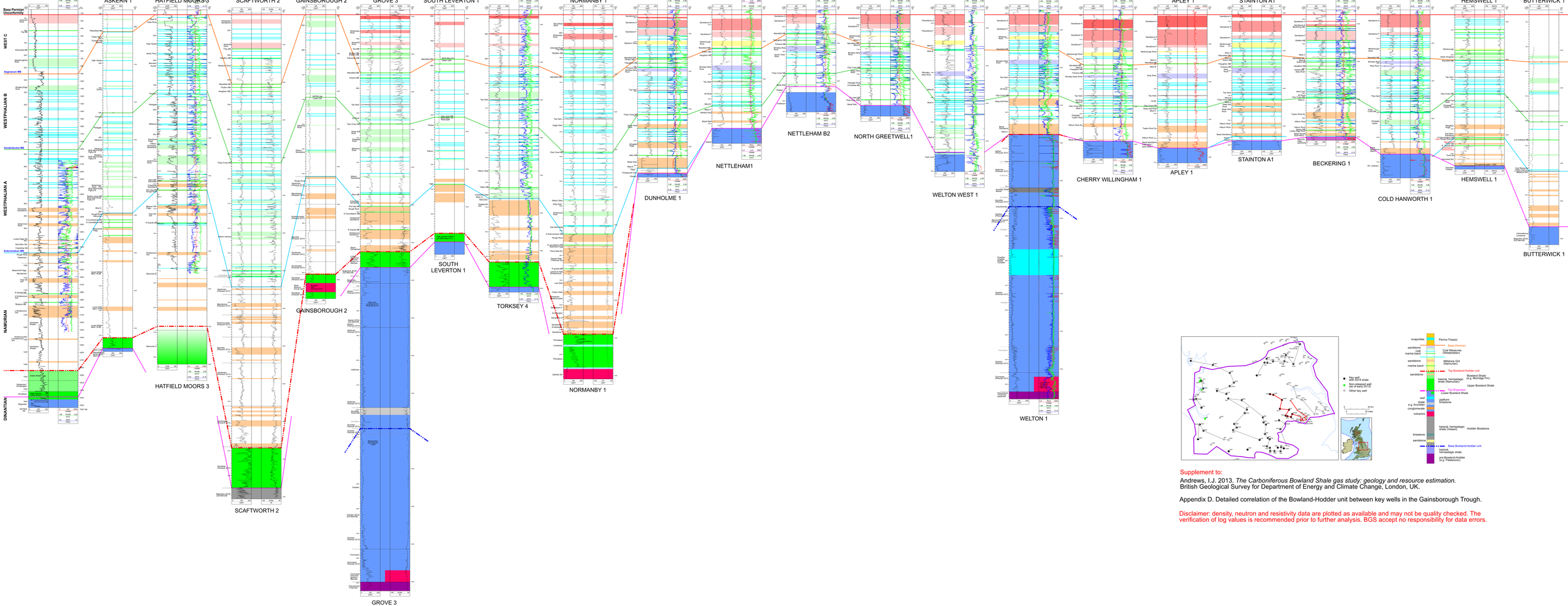
Supplement to:

Andrews, I.J. 2013. *The Carboniferous Bowland Shale gas study: geology and resource estimation.* British Geological Survey for Department of Energy and Climate Change, London, UK.

Appendix D. Detailed correlation of the Bowland-Hodder unit between key wells in the Blacon Basin.

Disclaimer: density, neutron and resistivity data are plotted as available and may not be quality checked. The verification of log values is recommended prior to further analysis. BGS accept no responsibility for data errors.


DUFFIELD
NOOKS FARM 1
GUN HILL 1
BOSLEY 1
EDALE 1
ALPORT 1
HEYWOOD 1
WESSENDEN 1
BRAMLEY MOOR 1
CALOW 1
HEATH 1
IRONVILLE 5
ILKESTON 1
STRELLEY 1
LONG EATON 1
RATCLIFFE ON SOAR 1
(TVD LOG)
HATHERN 1
REMPSTONE 1
OLD DALBY 1
KINOULTON 1
PLUNGAR 8A
EAKRING 146
EGMANTON 68
BOTHAMSALL 1
WIDMERPOOL 1
Top Bowland-Hodder unit
Top Brigantian
Base Bowland-Hodder unit
NAMURIAN
DINANTIAN
Chokerian
Arnsbergian
Pendleian
Late Brigantian
Early Brigantian
Asbian
Ground level
WESTPHALIAN A
WESTPHALIAN B
Base Permian Unc
Widmerpool Fm
Lockington Limestone Fm
Long Eaton Fm
Plungar Lmst Fm
Arundian Shale
Belvoir Lmst Fm
WIDMERPOOL GULF (Waters et al 2009)
N STAFFS BASIN (PASSING SW TO HATHERN SHELF)
CONFLUENCE WIDMERPOOL GULF AND SW PENNINE BASIN
CONFLUENCE WIDMERPOOL GULF AND SW PENNINE BASIN (N STAFFS BASIN acc. to Smith et al 2005)
EDALE BASIN / GULF
EDALE BASIN / GULF
HEYWOOD HIGH
HOLME HIGH
EDALE BASIN / GULF (EYAM TILT BLOCK)
EDALE BASIN (MARGIN)
EDALE BASIN MARGIN (DERBYSHIRE SHELF)
WOO DALE TILT BLOCK (NOTTINGHAM PLATFORM)
WIDMERPOOL GULF
WIDMERPOOL GULF
HATHERN SHELF
WIDMERPOOL GULF (MARGINAL SHELF)
WIDMERPOOL GULF
WIDMERPOOL GULF
NOTTINGHAM PLATFORM (SE END OF WOO DALE TILT BLOCK)
WIDMERPOOL GULF
NAMURIAN CONDENSED SEQUENCE MARGINAL TO EDALE BASIN
NAMURIAN CONDENSED SEQUENCE MARGINAL TO EDALE BASIN
EDALE BASIN SE MARGIN
WIDMERPOOL GULF (close to Kinoulton 1)
WIDMERPOOL GULF
evaporites
Permo-Triassic
sandstone
coal
marine band
Base Permian
Coal Measures
(Pennsylvanian)
sandstone
marine band
Millstone Grit
(Namurian)
sandstone
Top Bowland-Hodder unit
basinal, hemipelagic shale (Namurian)
Bowland Shale
(e.g. Mondale Fm)
Upper Bowland Shale
Top Brigantian
Lower Bowland Shale
reef
shale
e.g. Arundian
conglomerate
platform limestone
volcanics
basinal, hemipelagic shale (Chokerian)
Holder Mudstone
limestone
sandstone
Base Bowland-Hodder unit
basinal, hemipelagic shale
pre-Bowland-Hodder
(e.g. Palaeozoic)
Wells spud
Wells SCHI shale
Non-released well
(as of early 2013)
Other key well
Supplement to:
Andrews, I.J. 2013. The Carboniferous Bowland Shale gas study: geology and resource estimation.
British Geological Survey for Department of Energy and Climate Change, London, UK.
Appendix D. Detailed correlation of the Bowland-Hodder unit between key wells in the Widmerpool and Edale basins.
Disclaimer: density, neutron and resistivity data are plotted as available and may not be quality checked. The verification of log values is recommended prior to further analysis. BGS accept no responsibility for data errors.

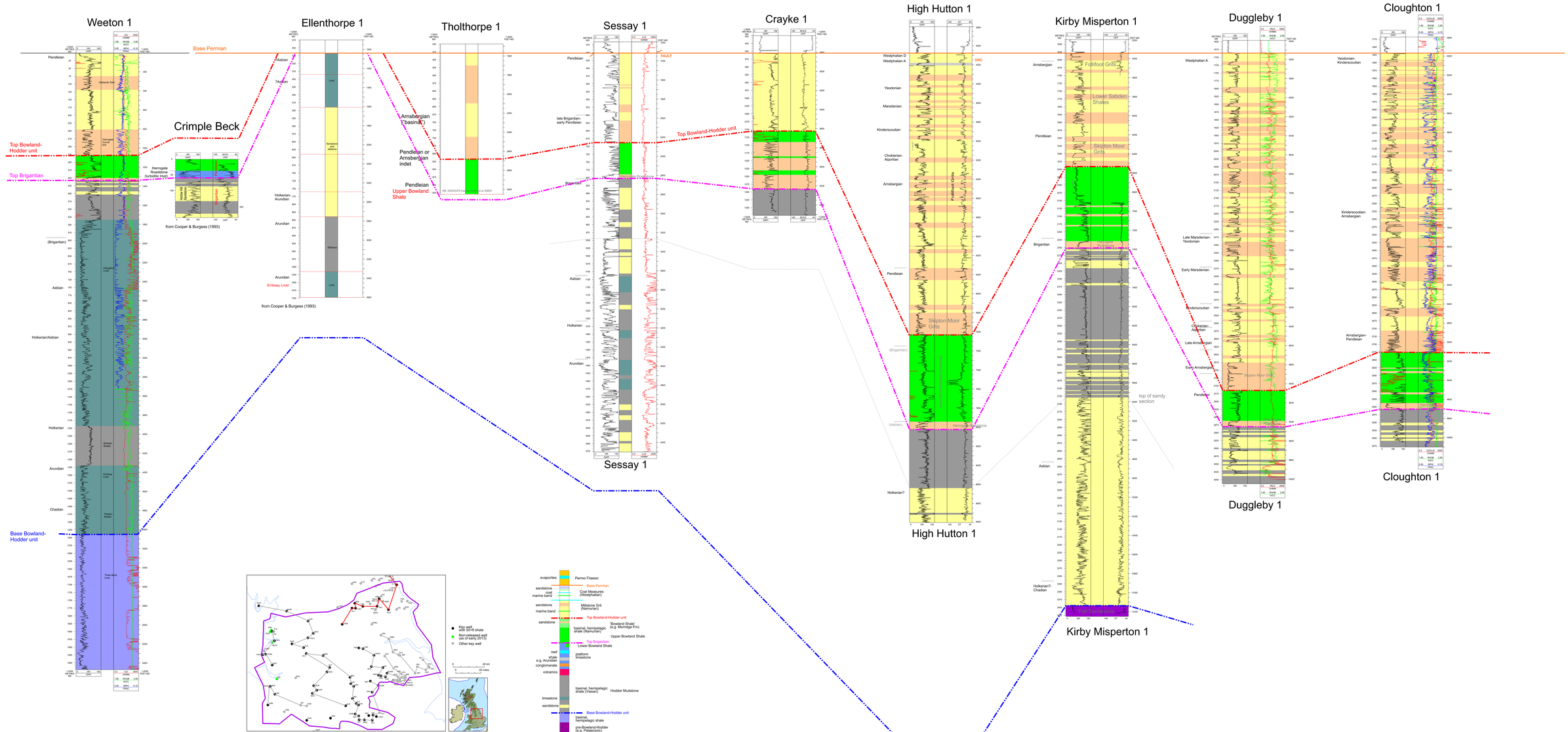


Supplement to:

Andrews, I.J. 2013. *The Carboniferous Bowland Shale gas study: geology and resource estimation.* British Geological Survey for Department of Energy and Climate Change, London, UK.

Appendix D. Detailed correlation of the Bowland-Hodder unit between key wells in the Gainsborough Trough.

Disclaimer: density, neutron and resistivity data are plotted as available and may not be quality checked. The verification of log values is recommended prior to further analysis. BGS accept no responsibility for data errors.

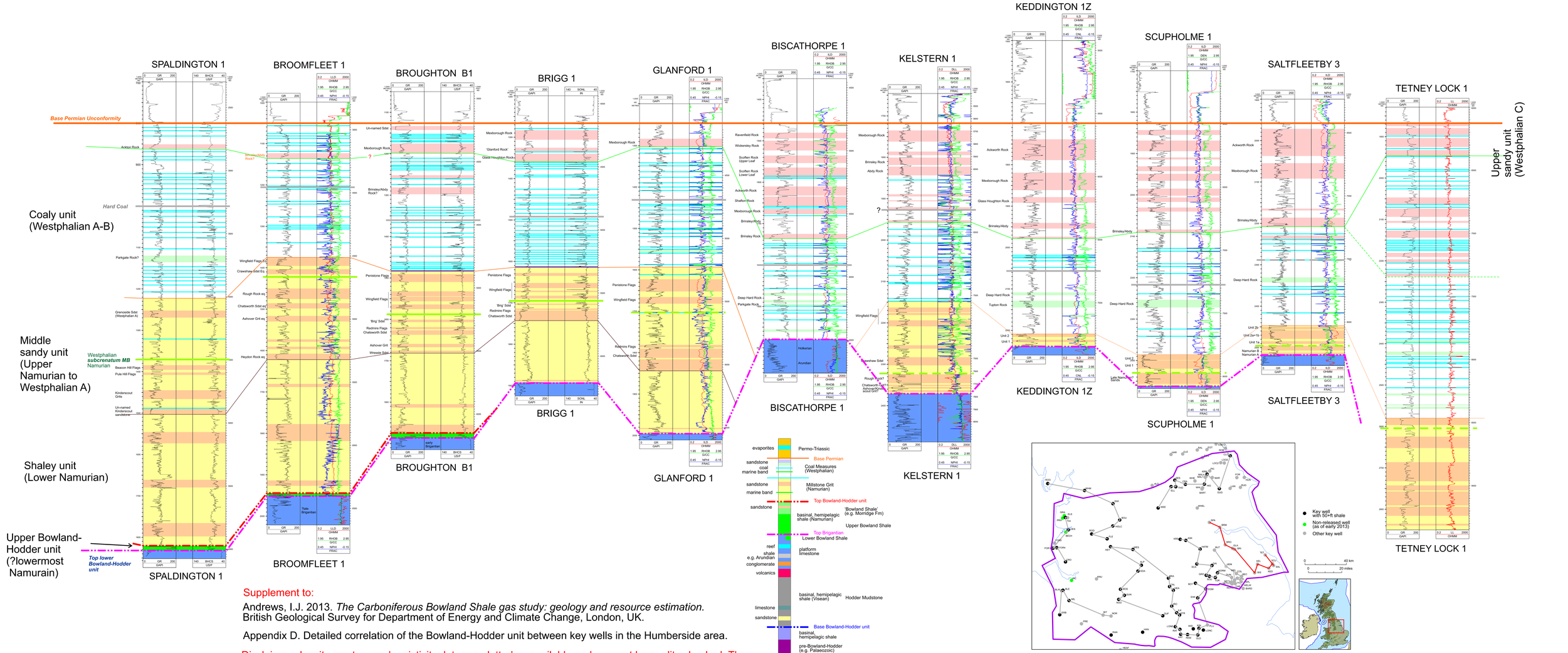


Supplement to:

Andrews, I.J. 2013. *The Carboniferous Bowland Shale gas study: geology and resource estimation.* British Geological Survey for Department of Energy and Climate Change, London, UK.

Appendix D. Detailed correlation of the Bowland-Hodder unit between key wells in the Cleveland Basin.

Disclaimer: density, neutron and resistivity data are plotted as available and may not be quality checked. The verification of log values is recommended prior to further analysis. BGS accept no responsibility for data errors.



Supplement to:

Andrews, I.J. 2013. *The Carboniferous Bowland Shale gas study: geology and resource estimation.* British Geological Survey for Department of Energy and Climate Change, London, UK.

Appendix D. Detailed correlation of the Bowland-Hodder unit between key wells in the Humberside area.

Disclaimer: density, neutron and resistivity data are plotted as available and may not be quality checked. The verification of log values is recommended prior to further analysis. BGS accept no responsibility for data errors.