

Supplimental Fig. 2 Correlation panel of Carboniferous strata from west to east across Quadrants 41, 42 and 43, showing the Cleveland Group and Upper Bowland Shales distribution, representative of the basinal mudstone 3 km thick succession. The transition from the Cleveland Group 'E' and the Millstone Grit Formation is diachronous and both were being deposited in different parts of the basin. For biostratigraphic data see Appendix 1.