Appendix 1. Key sedimentary log data collected through the two mouth bar complexes reported in this study. Logs through (A) the crevasse mouth bar in the Fire Clay Coal Zone along Ky. 7, corrected for post-depositional deformation by using the top of the main Fire Clay Coal as a datum; (B) the Betsie Shale mouth bar complex along U.S. 23, corrected for post-depositional deformation by using the base of the Lower Elkhorn Coal as a datum; (C) the Betsie Shale mouth bar complex along Ky. 3227, corrected for post-depositional deformation by using the base of the Lower Elkhorn Coal as a datum; (D) the Betsie Shale mouth bar complex along U.S. 119, corrected for post-depositional deformation by using the base of the Lower Elkhorn Coal as a datum. Note that not all sedimentary logs collected (c.f. Fig. 1) are shown here.