

Appendix 2: Electronic copies of figures and video files

Videos and photographs are supplied on mini DVD at the back of this thesis. They are listed below and are listed on the mini DVD as well.

Fig. 4.14 The Run 2 deposit photographed in stream-parallel section.

Fig. 4.15 The Run 2 deposit photographed in stream-transverse section.

Fig. 5.7 The Run 3 deposit photographed in stream-parallel section.

Fig. 5.17 The Run 4 deposit photographed in stream-parallel section.

Fig. 5.19 The Run 4 deposit photographed in stream-transverse section.

Fig. 6.4 The exposure of the Emme coarse grained delta that contained a candidate basal wedge and candidate hydraulic-jump bar complex.

Video file 1 Non-breaking surface of a hydraulic jump during trial experiments reported in Section 2.9 of this thesis. A sediment deposit that formed during the trial experiment can be seen downstream of the hydraulic jump. The surface of the hydraulic jump was non-breaking before, during and after sediment transport.

Video file 2 Swash and backwash over a pebble on a beach. A hydraulic jump forms and changes shape twice, from arcuate fronted with the apex of the arc pointing upstream, to two arcs of overturning water, and back again.

Video file 3 Flow over the hemisphere in Run H3.05, involving an arcuate fronted hydraulic jump. Air is entrained into the flow in the form of bubbles. A particularly large bubble repeatedly forms in the supercritical flow adjacent to the downstream edge of the hemisphere, grows as smaller bubble coalesce and passes downstream.

Video file 4 Motion of bedload sheets around the hemisphere during Run MH2.2a.

Video file 5 Toe oscillation and splashing of the Run 1 hydraulic jump.