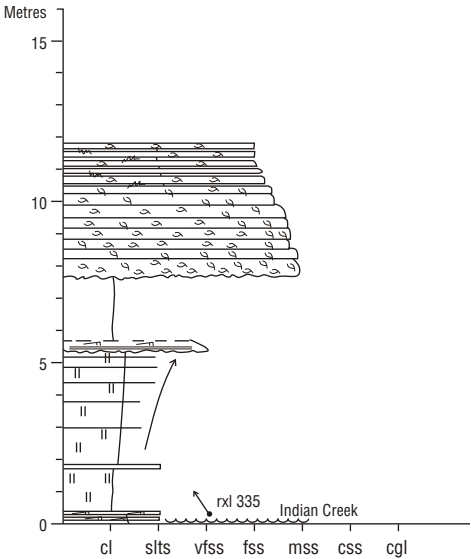


LEGEND	
Conglomerate.....	
Limestone / Dolomitic limestone.....	
Carbonaceous shale.....	
Coal.....	
Siderite concretion bed or calcrete concretions.....	
Bentonite bed.....	
Oolitic bed.....	
Stromatolite bed or individual stromatolites.....	
Lens-shaped bed.....	
Discontinuous scour / gutter fills.....	
Fault.....	
Fractures with slickensides (either structural or pedogenic).....	
Fining-upward Trend.....	
Coarsening-upward Trend.....	
Paleocurrent Indicators.....	
Copper Sulfide Mineralization.....	
Erosive base with rip-ups and granules.....	
Scoured Base.....	
Ball and Pillow.....	
Rip-up Interclasts.....	
Breccia / Flat Pebble Conglomerate.....	
Trough Cross bedding.....	
Ripple Cross Lamination.....	
Climbing Ripples.....	
Low Angle Lamination.....	
Planar Tabular Crossbedding.....	
Inclined Bedding Surfaces (IBS) or Lateral Accretion Surfaces (LA).....	
Inclined Heterolithic Stratification (IHS).....	
Contorted Lamination.....	
Hummocky Cross Stratification (HCS).....	
Water Escape Structure.....	
Roots.....	
Bioturbation / Burrowing.....	
Vertical Burrows (eg. Skolithos).....	
Desiccation Cracks.....	
Fossil shells (pelecypod, gastropod, brachiopod).....	
Dinosaur bone fragments.....	
Carbonized wood fragments.....	
Gypsum nodule bed.....	
Evaporite crystal molds.....	

UPPER ORDOVICIAN/LOWER SILURIAN - SOUTHERN ONTARIO

Upper QUEENSTON/MANITOULIN FMS
Indian Falls, on Indian Creek at Balmy Beach
41A/10 Owen Sound 039408
Lat. 44°37'20"N Long. 80°57'10"W
General strike 330°-340°
Dip <1°SW



MANITOULIN

QUEENSTON

- grey fine- to medium-crystalline dolostone, buff weathering, thin to medium bedded, very sharp irregular base, grey silty partings increase upward, very fossiliferous.

- green mudstone, very uniform, massive, rubbly, sharp top.

- greenish grey very fine-grained ss, dolomitic, sharp erosional base, horizontal lamination, rxl, disrupted gradational top.

- brick red silty mudstone, massive, uniform, blocky, with a few greenish silty streaks, especially near top, c-up?

- green siltstone bed, sharp base, horizontal lamination.

- brick red pedogenic silty mudstone, massive, uniform, blocky, pedogenic structures.

- thinly interbedded red muddy siltstone and green siltstone to very fine-grained ss, with sharp bases, rxl