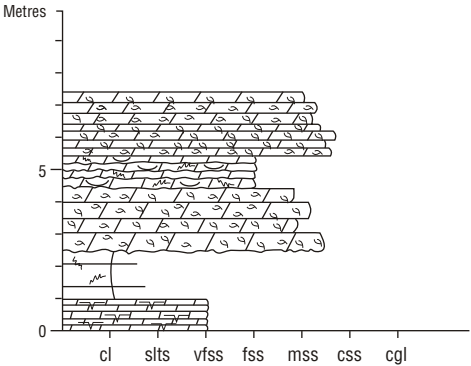


LEGEND	
Conglomerate.....	
Limestone / Dolomitic limestone.....	
Carbonaceous shale.....	
Coal.....	
Siderite concretion bed or calcrete concretions.....	
Bentonite bed.....	
Oolitic bed.....	
Stromatolite bed or individual stromatolites.....	
Lens-shaped bed.....	
Discontinuous scour / gutter fills.....	
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
WINGFIELD/FOSSIL HILLS FMS
Lion's Head beach, shore of Isthmus Bay, 1 km N of village
41A/14 Caper Croker 801824
Lat. 44°59'40"N Long. 81°15'10"W
General strike 330°-340°
Dip <1°SW



- buff fine- to coarse-crystalline dolostone, thin bedded, very fossiliferous with insitu corals and Pentamerus.
- grey fine-crystalline dolostone, thin bedded, burrowed, erosional bases with solemarks, no fossils, may be cross bedded.
- buff fine- to coarse-crystalline dolostone, thick bedded, very fossiliferous with insitu corals and Pentamerus, very sharp irregular base.
- green non calcareous mudstone, very uniform, soft, few minor siltstone beds, very sharp irregular top, likely bioturbated.
- grey very fine-crystalline dolostone, thin bedded, no fossils, few burrows, pyrite blebs, spectacular desiccation cracks, exposed as bedding planes on beach.