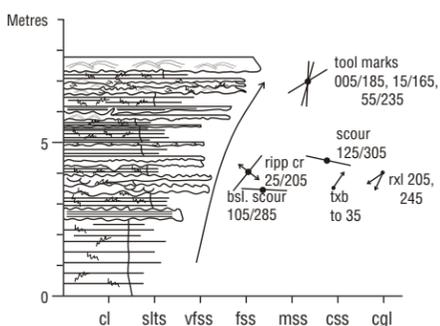


LEGEND

Conglomerate.....	
Limestone / Dolomitic limestone.....	
Carbonaceous shale.....	
Coal.....	
Siderite concretion bed or calcrite 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 - SOUTHERN ONTARIO
middle GEORGIAN BAY FORMATION
HUMBER RIVER, OLDMILL / ETIENNE BRULE PARK
30 M/11 Toronto 218338
lat. 43° 39' N long. 79° 29' W
general strike 340°-330°
dip < 1° SW



- thick grey calcarenite, sharp base and top, HCS.
- 3 scour based beds with crinoid fossil hashes and HCS, large and small vertical and horizontal burrows, tool marks.
- thinly interbedded, discontinuous, bioturbated.
- 2 erosive based calcarenites, thin discontinuous shales and shale flame, welded contact, HCS? In lower one.
- thin discontinuous fossil hash bed, sharp base and grad top.
- thinly interbedded grey siltstone and very fine-grained ss, ss:slts = 1:1, bioturbated, fossil hash layers.
- grey calcarenite in abundant fossil hash and horizontal lamination..
- thinly interbedded siltstone and very fine-grained ss, sharp bases.
- 2 siltstone to very fine-grained ss beds, deep basal scour.
- thinly interbedded siltstone to very fine-grained ss, sharp bases.
- bundle of very fine-grained ss with sharp deeply erosive bases with large *Planolites* burrows, rippled tops, txb.
- thinly interbedded siltstone and very fine-grained ss, sharp bases, gradational tops, bioturbation, beds up to 3 cm, ss:slts= 1:3.
- grey calcareous siltstone and very fine-grained ss, well sorted, uniform, sharp erosive base, interference ripples on top, horizontal lamination.
- greenish to bluish grey shale, silty, with thin calcisiltite beds, thinly laminated, bioturbated, ss:slts= 1:5, poorly exposed.