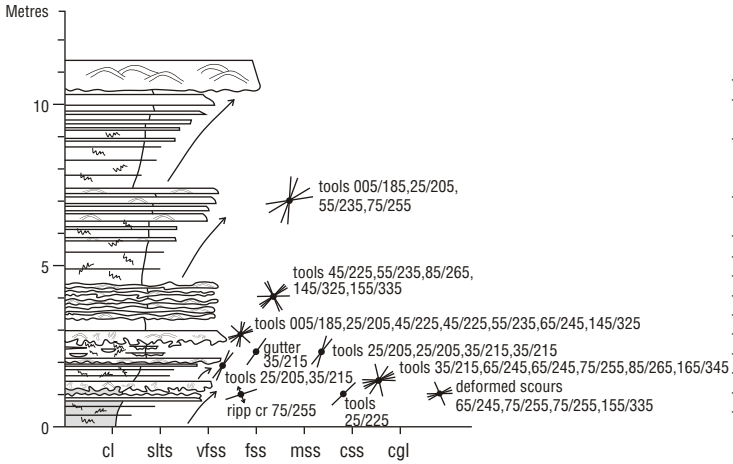


LEGEND	
Conglomerate.....	
Limestone / Dolomitic limestone.....	
Carbonaceous shale.....	
Coal.....	
Siderite concretion bed or calcrete concretions.....	
Bentonite bed.....	
Oolitic bed.....	
Stromatolite bed or individual stromatolites.....	
Lens-shaped bed.....	
Discontinuous scour / gutter fills.....	
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 - SOUTHERN ONTARIO
upper GEORGIAN BAY FORMATION
CREDIT RIVER, EGLINGTON AVE. BRIDGE
30 M/12 Brampton 055249
lat. 43°34' N long. 79°42' W
general strike 330°-340°
dip < 1° SW



- grey thick fine-grained ss, sharp base, HCS?
- bundle of thick calcarenites up to 40 cm, separated by shale partings, sharp flat bases and tops, horizontal lamination and HCS, burrows and tool marks on bases
- grey silty shale, few thick calcisiltite beds with sharp bases, HCS
- bundle of 4 thick calcarenite beds separated by shale partings, sharp flat bases and tops, horizontal lamination and HCS, burrows and tool marks on bases, range up to 40 cm
- grey silty shale with few 5-8 cm calcisiltite beds, ss:slts=1:5, beds have sharp bases, gradational tops, burrows, HCS and symmetrical ripples
- bundle of grey well sorted 2-10 cm calcarenite interbedded with grey bioturbated silty shale to siltstone, beds have sharp scour bases and undulating tops, all HCS
- grey silty shale
- grey well sorted uniform calcarenite, soft sediment deformation and giant load structures, HCS? *Planolites*, *Lockiae*, *Cruziana*
- grey bioturbated silty shale, few thin calcisiltites and gutter casts with ball and pillow and *Planolites* burrows
- grey calcarenite, well sorted, uniform, HCS, erosive base with loads
- grey platy silty shale, bioturbated with discontinuous calcisiltites with horizontal lamination, upper bed is bioclastic fossil base
- calcareous siltstone to very fine-grained ss, soft sediment deformation with large ball and pillow structures, sharp base and top
- 3 thin calcisiltite beds, sharp base and top, horizontal lamination and symmetrical ripples, soft sediment deformation
- dark grey shale, soft, bioturbated, few 2-5 cm calcisiltite beds with deformed bases