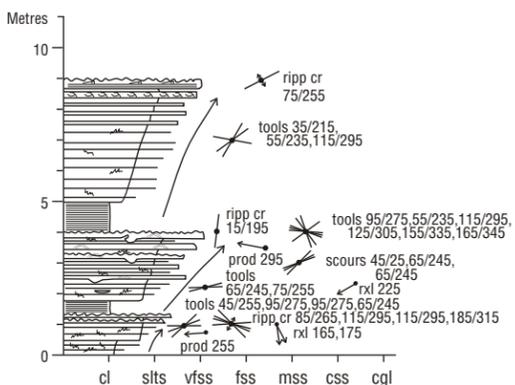


LEGEND

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  
 upper GEORGIAN BAY FORMATION  
 CREDIT RIVER, S. of BURNHAMTHORPE RD.  
 30 M/12 Brampton 076236  
 lat. 43° 33' N long. 79° 40' W  
 general strike 330°-340°  
 dip < 1° SW



- c-up sequence of thinly interbedded shaley siltstone and siltstone to very fine-grained ss, moderately bioturbated, coarse beds calcareous and range 5-30 cm, ss:slts =1:5 at base and 2:1 near top, 20 cm bioclastic fossil hash bed near top and greenish siltstone
- dark grey laminated shale, little burrowing
- c-up bundle of thick laterally continuous calcarenites interbedded with siltstone - sandy siltstone, sharp flat bases with some scours and ball and pillow, soft sediment deformation, HCS, range 3-20 cm, ss: slts = 1:2, small horizontal burrows in bases
- grey silty shale, bioturbated with 1-3 cm siltstone beds with sharp flat bases and rippled tops, horizontal laminations sometimes with soft sediment deformation, ss:slts = 1:8
- dark grey laminated paper shale, minor burrowing
- grey to greenish grey silty shale, bioturbated with 2-3 cm calcisiltite beds that pinch out laterally, have sharp bases and tops - rippled tops mostly 3-D interference ripples
- grey to greenish grey shale, originally laminated, now bioturbated, few very thin siltstone beds