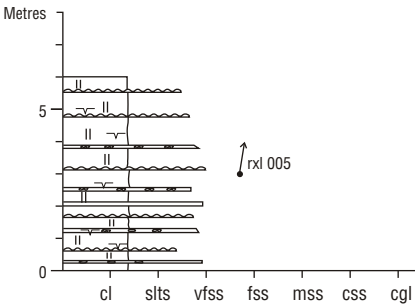


LEGEND

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  
lower QUEENSTON Fm  
Perm Roadcut, 0.6 km N of Perm, 3 km W of Mansfield  
41 A/1 Dundalk 741 909  
lat 44° 10' 00" N long 80° 04' 20" W  
general strike 330°-340°  
dip < 1° SW



- red pedogenic silty mudstone, very uniform, blocky, with numerous thin very fine to fine grained calcarenite beds up to 10 cm, with sharp bases, red and green shale rip-ups, horizontal lamination, rxl, dessication cracks, fewer ls beds towards the top