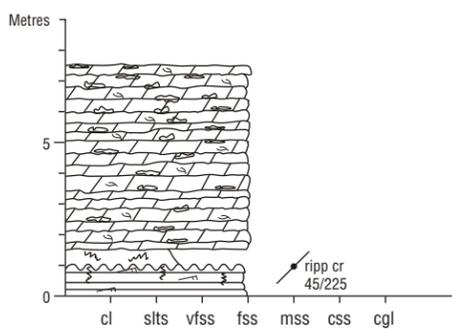


LEGEND

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 / LOWER SILURIAN - SOUTHERN ONTARIO  
 upper WHIRLPOOL / lower MANITOULIN Fms  
 Duntroon Quarry, 3km W of Duntroon  
 41 A/8 Collingwood 615 155  
 lat 44° 23' 20" N long 80° 13' 40" W  
 general strike 330°-340°  
 dip < 1° SW



- brownish grey fine crystalline dolostone, thin bedded, poorly fossiliferous, abundant chert beds and nodules especially near top, very irregular bedding surfaces

Manitoulin

- grey sandy siltstone, poorly exposed, bioturbated

Whirlpool

- pale grey fine-grained sandstone, well sorted, thin bedded, straight crested ripples, poorly exposed, few vertical *Skolithos* burrows