

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

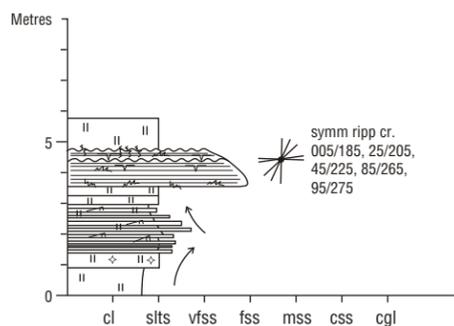
Middle QUEENSTON FM

Upper Sucker Creek, 3 km WNW of Tank Range Offices
41A/10 Owen Sound 229469

Lat. 44°40'30"N Long. 80°42'45"W

General strike 330°-340°

Dip <1°SW



- mottled red/green pedogenic siltstone, uniform, blocky, fractured.
- grey very fine- to fine-oolitic calcarenite, very well sorted, parallel lamination and long straight symmetrical ripple crests, horizontal burrows, desiccation, vertical Skolithos burrows.
- green siltstone, uniform, blocky pedogenic.
- brick red siltstone, uniform, blocky, pedogenic.
- thinly interbedded greenish siltstone and reddish very fine-grained ss. silty, f-up, beds up to 3 cm, with sharp bases and rxl, pedogenic.
- green slightly sandy siltstone, thin bedded, sharp based beds with rxl.
- brick red siltstone, blocky, uniform, pedogenic, few evaporite crystal molds.
- mottled green/red silty mudstone, blocky, rubbly, pdogenic, many vertical and horizontal fractures stained green.