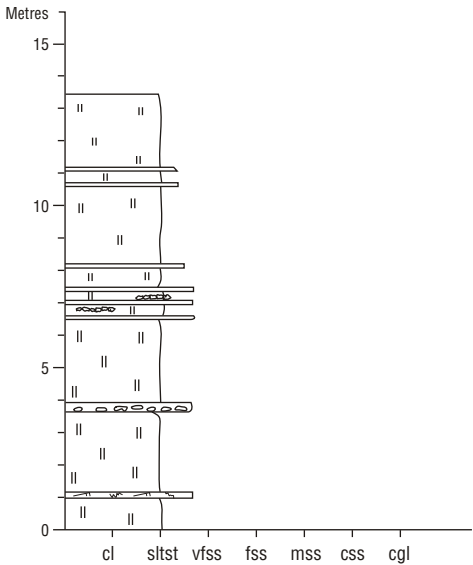


LEGEND

<i>Conglomerate</i> .....	
<i>Limestone / Dolomitic limestone</i> .....	
<i>Carbonaceous shale</i> .....	
<i>Coal</i> .....	
<i>Siderite concretion bed or calcrete concretions</i> .....	
<i>Bentonite bed</i> .....	
<i>Oolitic bed</i> .....	
<i>Stromatolite bed or individual stromatolites</i> .....	
<i>Lens-shaped bed</i> .....	
<i>Discontinuous scour / gutter fills</i> .....	
<i>Fault</i> .....	
<i>Fractures with slickensides (either structural or pedogenic)</i> .....	
<i>Fining-upward Trend</i> .....	
<i>Coarsening-upward Trend</i> .....	
<i>Paleocurrent Indicators</i> .....	
<i>Copper Sulfide Mineralization</i> .....	
<i>Erosive base with rip-ups and granules</i> .....	
<i>Scoured Base</i> .....	
<i>Ball and Pillow</i> .....	
<i>Rip-up Interclasts</i> .....	
<i>Breccia / Flat Pebble Conglomerate</i> .....	
<i>Trough Cross bedding</i> .....	
<i>Ripple Cross Lamination</i> .....	
<i>Climbing Ripples</i> .....	
<i>Low Angle Lamination</i> .....	
<i>Planar Tabular Crossbedding</i> .....	
<i>Inclined Bedding Surfaces (IBS) or Lateral Accretion Surfaces (LA)</i> .....	
<i>Inclined Heterolithic Stratification (IHS)</i> .....	
<i>Contorted Lamination</i> .....	
<i>Hummocky Cross Stratification (HCS)</i> .....	
<i>Water Escape Structure</i> .....	
<i>Roots</i> .....	
<i>Bioturbation / Burrowing</i> .....	
<i>Vertical Burrows (eg. Skolithos)</i> .....	
<i>Desiccation Cracks</i> .....	
<i>Fossil shells (pelecypod, gastropod, brachiopod)</i> .....	
<i>Dinosaur bone fragments</i> .....	
<i>Carbonized wood fragments</i> .....	
<i>Gypsum nodule bed</i> .....	
<i>Evaporite crystal molds</i> .....	

UPPER ORDOVICIAN, SOUTHERN ONTARIO  
Upper QUEENSTON Fm  
Hockley Rd. roadcut, 5km NE of Orangeville  
40 P/16 Orangeville 742681  
lat 43° 57' 50" long 80° 04' 30" W  
general strike 330°- 340°  
dip < 1° SW



- red pedogenic siltstone, uniform, massive with several thin greenish sandy siltstone beds near base and middle
- thinly interbedded red pedogenic siltstone and green calcareous sandy siltstone, irregular horizon of pale green caliche globules in middle
- red pedogenic siltstone, blocky, rubbly, massive, uniform
- greensiltstone, abundant green mudstone rip-upshish sandy
- red pedogenic siltstone, blocky, massive
- greenish calcareous sandy siltstone, rxl, burrows
- red pedogenic siltstone, rubbly, blocky