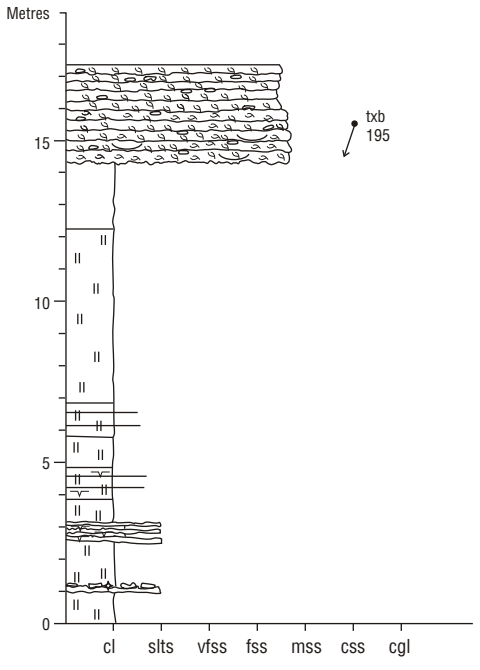
LEGEND

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
Upper QUEENSTON/MANITOULIN FMS
3rd Avenue East, Owen Sound, small gully near water treatment plant
41A/10 Owen Sound 056369
Lat. 44°35′10″N Long. 80°55′40″W
General strike 330°-340°
Dip <1°SW



MANITOULIN

- grey fine- to medium-crystalline dolostone, buff weathering, thin bedded, well burrowed, very fossiliferous, cherty and nodular, very sharp irregular base with rip-ups of green shale, txb?

- green mudstone, poorly exposed.

QUEENSTON

- brick red pedogenic mudstone, poorly exposed.

- brick red pedogenic mudstone with few thin green siltstone beds up to 2 cm thick.

- red pedogenic mudstone, massive, uniform, blocky, rubbly.
- red pedogenic mudstone with few thin si beds up to 3 cm thick with gradational boundaries, few vertical fractures filled with siltstone
- brick red pedogenic mudstone, massive, uniform, blocky.

- bundle of thin green siltstone beds with irregular gradational bases and tops, desiccation cracks, separated by red silty mudstone.
- brick red pedogenic mudstone, massive, uniform, blocky, pedogenic structures, vertical fractures, few greenish horizons.
- green sltstonei, irregular boundaries, capped by gypsum vug fill.
- brick red, pedogenic mudstone, massive, blocky, uniform.