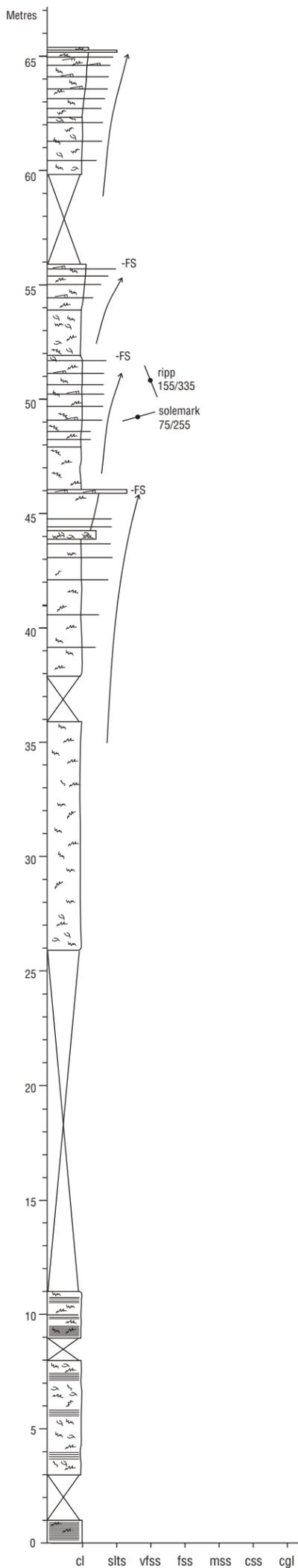


UPPER ORDOVICIAN / LOWER SILURIAN - SOUTHERN ONTARIO
 BLUE MOUNTAIN Fm
 Camperdown Creek, S of HWY 26, 5km E of Thornbury, 5.5 kmW of Craigeith
 41 A/9 Nottawasaga Bay 475317 - 472306
 lat. 44° 32' 00" N long. 80° 24' 20" W
 general strike 330°-340°
 dip < 1° SW



BLUE MOUNTAIN Fm

- grey mudstone, bioturbated, with thin siltstone beds up to 8 cm, with sharp bases and rxl, siltstone : mudstone = 1:5
- grey mudstone, bioturbated, few very thin siltstone beds with sharp bases and few fossil fragments
- grey mudstone, bioturbated, few very thin siltstone bed up to 3 cm, with sharp bases and rxl, siltstone : mudstone = 1:8
- blue grey mudstone, bioturbated, uniform, long crinoid stems
- blue grey bioturbated mudstone with numerous very thin siltstone beds with sharp bases, horizontal lamination, rxl, up to 3 cm, siltstone: mudstone = 1:6
- blue grey mudstone, uniform, bioturbated, calcareous
- grey calcisiltite, well sorted, sharp base with burrows and solemarks, rxl
- blue grey mudstone, uniform, slightly calcareous, well bioturbated, slightly siltier upward, few very thin calcisiltite beds with some sharp bases and rxl, near top is thin heavily bioturbated silty mudstone with abundant long crinoid stems
- blue grey mudstone, very uniform, slightly calcareous, thinly laminated, well bioturbated, few brachiopods near base
- blue grey mudstone, bioturbated non-petroliferous, few zones are darker and more petroliferous and laminated
- dark grey to black mudstone, laminated, papery, non-fossiliferous, minor burrowing, petroliferous
- blue grey mudstone, bioturbated, thinly laminated, non-petroliferous, few brachiopod shells, few zones are darker and more petroliferous less burrowing, Chondrites-like burrows
- dark grey to black calcareous mudstone, very uniform, thinly laminated, slightly petroliferous, minor burrowing

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.....	