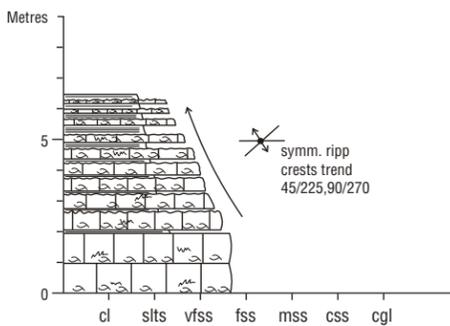


LEGEND

Conglomerate.....	
Limestone / Dolomitic limestone.....	
Carbonaceous shale.....	
Coal.....	
Siderite concretion bed or calcareous concretions.....	
Bentonite bed.....	
Collic 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 - SOUTHERN ONTARIO  
 Lower COLLINGWOOD MEMBER (LINDSAY Fm)  
 Bowmanville Quarry  
 30 M/15 Oshawa 850616  
 lat 43° 53' N long 78° 42' W  
 general strike 340°  
 dip < 1° SW



- fining and thinning-upward sequence of dark grey thick to thin bedded limestone and black papery calcareous shale, limestone beds have sharp bases with coarse shell lags of trilobite pygidiums and strophomenid brachiopods and rare nautiloids, and fine upward, and are very shaley, and have rippled tops, petroliferous, 5 - 50 cm thick, ls:sh= 1:1 at top large horizontal burrows throughout

- thick bedded grey fine crystalline limestone with coarse crystalline fossil lags, few thin black shale partings