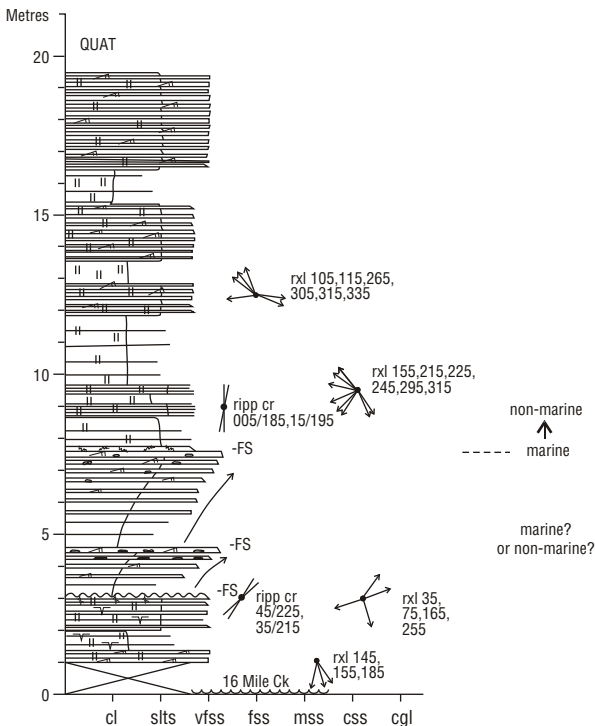


UPPER ORDOVICIAN - SOUTHERN ONTARIO
LOWER-MIDDLE QUEENSTON FM
Lions Valley Park, 16 Mile Ck at Hwy 5
30M/5 Hamilton-Burlington 010126
Lat. 43°27'50"N Long. 79°45'00"W
General strike 330°-340°
Dip <1°SW



- bundle of thinly interbedded, bundle of thin greenish silty very fine-grained sandstone beds up to 10 cm and pedogenic siltstone, sharp bases and fairly sharp tops, horizontal lamination and rxl, ss:slts=1:1.
- red mudstone, uniform, blocky, pedogenic, few thin sandy beds.
- bundle of thinly interbedded, thin greenish silty very fine-grained sandstone beds up to 10 cm and pedogenic siltstone, sharp bases, fairly sharp tops, horizontal lamination and rxl, ss:slts=1:2.
- red silty claystone, uniform, blocky, pedogenic.
- thinly interbedded, bundle of thin greenish silty very fine-grained sandstone beds and pedogenic siltstone, sharp bases, fairly sharp tops, horizontal lamination, rxl, ss:slts=1:3.
- poorly exposed red silty claystone, few greenish silty bands with horizontal lamination, likely pedogenic.
- 2 bundles reddish to greenish silty very fine-grained sandstone and red sandy pedogenic si, separated by 30 cm red siltstone, sharp bases, gradational tops, horizontal and LAD lamination.
- reddish grey pedogenic siltstone with green reduction spots, few thin greenish silty very fine-grained sandstone with sharp bases, more gradational tops.
- greenish grey silty very fine-grained sandstone, vertical and horizontal burrows.
- c-up seq thinly interbedded red silty mudstone to siltstone and thin greenish very fine-grained sandstone with sharp bases and few rip ups, horizontal lamination and rxl, beds have ss:slts=1:10 at base, 1:1 at top.
- c-up seq thinly interbedded red silty mudstone to siltstone and thin greenish very fine-grained sandstone with sharp bases and large rip ups and horizontal lamination and rxl - most beds discontinuous over 10 m, ss:slts=1:8 at base, 1:1 at top.
- thinly interbedded red pedogenic muddy siltstone and thin silty very fine-grained sandstone beds with scoured bases, rxl and more gradational tops, very continuous laterally, desiccation, roots at top.
- red pedogenic muddy siltstone, blocky, uniform, rubbly, desiccation cracks, few thin greenish sandy siltstone.
- several thin greenish very fine-grained sandstone beds with sharp bases, horizontal lamination and rxl, separated by red pedogenic siltstone.