



LOWER SILURIAN - SOUTHERN ONTARIO  
MEDINA GP/CLINTON GP (Qnstrn-Whirl-Manit-Cab Hd-Grimsb-Thor-Reyn-Irond)  
Hwy 403 gully  
30M/4 Hamilton-Grimsby 865886  
Lat. 43°14'40"N Long. 79°56'10"W  
General strike 330°-340°  
Dip <1°SW

Irondequoit

- grey thick bedded medium- to coarse-crystalline dolostone, fossiliferous, well sorted, scour bases, bioclastic calcarenites, vuggy, massive.

Reynales

- c-up sequence thin bedded grey fine crystalline dolostone, with greenish grey siltstone, bioturbated, fossil fragments.

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Thorold

- c-up sequence thinly interbedded greenish grey silty mudstone and grey fine- to medium-grained sandstone, well sorted, silica cemented, sharp bases with burrows, horizontal lamination and HCS, small scour in upper surface.

- grey bioturbated mudstone.  
- c-up sequence interbedded red siltstone, and fine-grained sandstone, beds up to 70 cm, scoured bases, large burrow casts.

Grimsby

- c-up sequence interbedded reddish grey muddy siltstone and fine-grained sandstone, beds up to 50 cm, scoured bases, with big burrows casts.

- c-up sequence thinly interbedded dark greenish silty mudstone and grey very fine- to fine-grained sandstone, beds up to 20 cm, sharp bases, with burrows and tools, rxl, HCS, symmetrical ripple, well burrowed.

- c-up sequence thinly interbedded dark greenish silty mudstone and grey very fine-grained sandstone, reddish tinge toward top, up to 20 cm, sharp bases with burrows and tools, HCS, rxl, thoroughly bioturbated.

- slightly c-up sequence thinly interbedded dark greenish grey bioturbated silty mudstone and very fine to fine calcarenite, sharp flat bases, rippled tops, abundant bioturbation, sandier upward, large horizontal burrow.

Cabot Head

- grey fine- to medium-crystalline bioclastic calcarenite, scoured base with green shale rip-ups, irregular top with fossiliferous fragments, burrows, LAD.  
- c-up sequence thinly interbedded greenish grey mudstone and very fine- to fine-crystalline calcarenite, relatively discontinuous beds, sharp flat bases and tops, well sorted, fossil fragments, bioturbation, symmetrical ripple at top.

Manitoulin

- f-up thinly interbedded grey fossiliferous medium to fine limestone and green mudstone, bioclastic fine- to medium-calcarenites, scoured bases, bioturbated, top is hard ground surface with large horizontal burrows.  
- f-up sequence thinly interbedded fine-grained sandstone and grey siltstone with increase of sandy dolostone beds upwards, beds up to 20 cm, general sharp based with horizontal and LAD lamination and symmetrical ripple, abundant vertical and horizontal burrows, increase of brachiopod/crinoid fossil fragments upward.

Whirlpool

- light grey medium- to coarse-grained sandstone, well sorted, silica cemented, thick bedded, very sharp scoured base with rip-ups, multistoried, txb, some rxl, sharp top with burrows, symmetrical ripple, lines of rip-ups throughout.

- red pedogenic mudstone, very uniform, blocky, green reduction spots and horizons, upper 30 cm is pale green, sharp irregular top.