



UPPER ORDOVICIAN / LOWER SILURIAN - SOUTHERN ONTARIO  
GRIMSBY / THOROLD / REYNALES / IRONDEQUOIT / ROCHESTER Fms  
Woolverton Rd., 1.5 km SW of Grimsby  
30 M/4 Hamilton-Grimsby 141831  
Lat. 43° 11' 30" N Long. 79° 35' 40" W  
general strike 330°- 340°  
dip <1° SW

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|-------------------|--|
| ROCHESTER<br>Fm   | - grey mudstone, bioturbated, few thin 1-2 cm bioclastic limestone beds.   |
| IRONDEQUOIT<br>Fm | - grey bioclastic medium to coarse crystalline dolostone, sharp base and top, vuggy.   |
| REYNALES<br>Fm    | - slight c-up sequence of thinly interbedded grey dolostone and greenish mudstone, bioturbated, long horizontal burrows.   |
| THOROLD<br>Fm     | - grey/buff fine-grained ss, well sorted, medium bedded, multistoried, laterally discontinuous with scoured bases, rip-ups, horizontal lamination, txb, rxl, sharp hummocky top is actually a complex of laterally inter-nested ss bodies.   |
| GRIMSBY<br>Fm     | - slight c-up sequence of thinly interbedded green sandy siltstone and very fine- to fine-grained ss, sharp bases , rippled . tops, horizontal lamination, burrows.<br>- 2 beds of grey fine-grained ss, well sorted, sharp bases, sole marks, undulating tops, HCS.<br>- mottled red/green silty mudstone, bioturbated, poorly exposed.<br>- c-up sequence of thin interbedded red mottled fine-grained ss with minor thin red siltstone beds, well sorted, sharp bases with rip-ups, burrowed, horizontal and low angle lamination, minor rxl, <i>Skolithos</i> near base. |
|                   | - c-up sequence of thinly interbedded red silty mudstone and thin 2-10 cm reddish grey fine-grained ss, sharp scoured bases, rippled tops, few burrows, bioturbated, low angle and wavy lamination, ss:silts= 1:8  |
|                   | - thinly interbedded red silty mudstone and thin 2-10 cm reddish grey fine-grained ss beds, sharp bases and tops, slight c-up trend, bioturbation, poorly exposed.   |