

- c-up sequence grey calcareous bioturbated mudstone with thin siltstone to very fine-grained sandstone beds up to 10 cm thick, sharp bases, horizontal lamination and rxl, horizontal and vertical burrows, HCS in top bed, fairly sharp tops, ss:slts=1:10 at base, 1:2 at top.

- grey to dark grey mudstone, bioturbated, with few thin grey siltstone beds with sharp bases, horizontal lamination and minor rxl, very slightly c-up trend.

- dark grey mudstone thinly laminated, uniform.

- slightly c-up sequence grey to dark grey, uniform, nonclcareous mudstone with few thin grey silststone beds, sharp bases, horizontal lamination, minor bioturbated, laminated at base, slts:mud=1:5-10.

- c-up sequence grey noncalcerous mudstone and thin pale grey siltstone beds up to 10 cm thick with sharp bases and horizontal lamination, bioturbation.

- c-up sequence grey to dark grey mudstone and thin grey siltstone beds up to 8 cm thick, noncalcareous, bioturbated, slts:mud=1:10 at base, 1:5 at top.

- c-up sequence dark grey noncalcareous mudstone with thin greenish grey muddy si beds up to 10 cm thick, sharp bases, gradational tops, horizontal lamination and rxl, mudstone laminated at base, some burrowing, slts:mud=1:10 at base, 1:2 at top.

- slightly c-up sequence grey to dark grey mudstone, noncalcareous, moderately bioturbated with few thin grey siltstone beds increasing toward top.

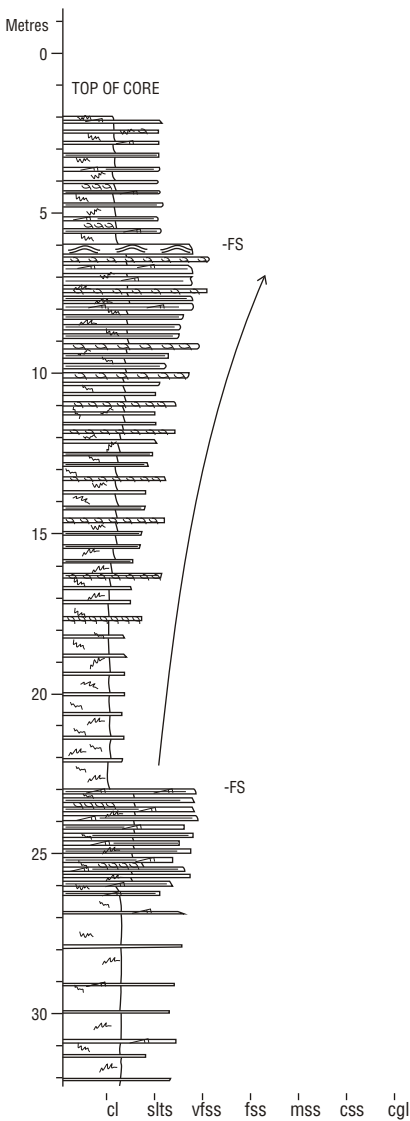
- slightly c-up sequence grey to dark grey to greenish grey noncalcareous mudstone with few thin grey siltstone beds increasing in number and thickness upward, up to 3 cm with sharp bases and horizontal lamination, moderately bioturbated.

- dark grey bioturbated mudstone, few thin laminated siltstone beds.

- f-up sequence dark brownish grey to black calcareous mudstone with few thin grey limestone beds, uniform, thinly laminated, petroliferous, fossiliferous, (graptolites, trilobites), minor bioburbation.

- grey fine crystalline limestone, argillaceous, nodular, thin to thick bedded, sparsely fossiliferous, bioturbated, toward top are numerous black calcareous mudstone beds up to 5 cm thick and several 10 cm coarse bioclastic limestone beds with erosive bases.

UPPER ORDOVICIAN - SOUTHERN ONTARIO  
COLLINGWOOD/BUE MOUNTAIN/GEORGIAN BAY FMS  
OGS S.I.S. #4, Don Valley Brickyard, City of Toronto, 0.5 km W of Don R.  
30M/11 Toronto 317382  
Lat. 43°41'20"N Long. 79°22'00"W



- thinly interbedded grey to dark grey mudstone and grey siltstone, bioturbated, very few fossil fragments, horizontal lamination and rxl.

- thick bedded buff grey silty very fine-grained sandstone with minor greenish grey bioturbated calcareous mudstone and minor thin bioclastic calcarenite beds, up to 10 cm, sharp bases, horizontal lamination and rxl, HCS at top, ss:slts=2:1.

- c-up sequence thinly interbedded greenish grey bioturbated mudstone and thin laminated calcareous siltstone to very fine-grained sandstone and thin bioclastic calcarenite, up to 5 cm, sharp bases, more gradational tops, slts:mud=1:1, slts:bioclastic=2:1.

GEORGIAN  
BAY

- thick bedded grey silty very fine-grained sandstone and grey silty mudstone, sharp bases, well sorted, up to 15 cm, horizontal lamination and rxl, ss:slts=1:1, few thin stringers of fossil fragments, calcareous.

- thinly interbedded grey mudstone and sandy siltstone to very fine-grained sandstone, bioturbated, sharp bases, horizontal lamination and rxl, more gradational tops, calcareous.