



CABOT  
HEAD  
Fm

- c-up sequence thinly interbedded greenish grey mudstone and grey to reddish grey fine to coarse bioclastic calcarenite, up to 8 cm thick, sharp bases, bioturbated, increase upward in reddish colours and coarse fossil fragments, l<sub>st</sub>:sh= 1:3 at base, 2:1 at top.

- dark greenish grey silty mudstone with few thin bioclastic calcarenite beds, fossils, bioturbated.

- f-up sequence thinly interbedded greenish grey mudstone and fine crystalline bioclastic calcarenite, bioturbated.

MANITOULIN  
Fm

- c-up sequence grey fine to coarse crystalline dolomitic limestone with numerous dark greenish mudstone beds near base, abundant burrowing, beds up to 30 cm at top, bioclastic beds at top, l<sub>st</sub>:mud= 1:1 at base, 5:1 at top.

- green silty mudstone with thin grey calcisiltite beds, bioturbated, few thin bioclastic beds, gypsum veins.

- red/green mottled mudstone with thin siltstone beds, few tiny burrows, abundant pedogenic features and desiccation cracks, very uniform, green-stained sharp top.

- red sandy siltstone, blocky, uniform, pedogenic, evaporite crystals at top.

- red/green mottled mudstone to muddy siltstone, sharp top, burrows at base, some evaporite crystals near top, capped by algal laminated stromatolite bed.

- red silty very fine-grained sandstone to sandy siltstone, calcareous, very uniform, minor burrowing, horizontal lamination to low angle lamination.

- c-up sequence red silty very fine-grained sandstone and sandy siltstone, few bioclastic beds near top, bioturbated, sharp based beds, r<sub>xl</sub>, HCS near top, greenish bands throughout.

- c-up sequence greenish grey siltstone and very thin very fine calcarenite, bioturbated, few thin bioclastic beds near top, reddish mottled colours throughout.

- c-up sequence greenish grey siltstone and very thin very fine calcarenite, bioturbated, few thin bioclastic beds near top.

QUEENSTON  
Fm

- c-up sequence of thinly interbedded grey muddy siltstone and thin fine calcarenite and minor bioclastic beds, bioturbated.

- c-up sequence fine to medium calcarenite and bioclastic calcarenite, grey, with minor grey muddy siltstone beds, bioturbated.

- c-up sequence fine to medium calcarenite and bioclastic calcarenite with minor muddy siltstone beds, bioturbated, grey.

- c-up sequence thinly interbedded fine to coarse calcarenite and dark grey to grey silty mudstone, bioturbated, few bioclastic beds, especially at top.

- c-up sequence thinly interbedded greenish grey silty mudstone and light grey very fine to fine calcarenite up to 20 cm thick, upward increase in coarse bioclastic beds, thoroughly bioturbated, ss:silts=1:5 at base, 3:1 at top, fossils are brachiopods/crinoids/bryozoans.

- slightly c-up sequence thinly interbedded very fine-grained sandstone and thin grey siltstone, bioturbated, diagenetic red/green mottling colours throughout, abundant horizontal and low-angle lamination, HCS at top.

- grey nonbioclastic fine-grained sandstone/calcarenite with minor thin greyish siltstone, beds up to 20 cm all HCS with rippled tops, siltstone bioturbated, ss:silts=4:1.

GEORGIAN  
BAY  
Fm

- several slightly c-up sequences of thinly interbedded greenish grey silty mudstone and grey fine to coarse bioclastic calcarenite beds up to 20 cm thick, bioturbated, sharp bases, horizontal lamination, grey shale rip ups in some beds, at top of upper sequence are few thin laminated very fine calcarenite beds.

UPPER ORDOVICIAN - LOWER SILURIAN - SOUTHERN ONTARIO  
 GEORGIAN BAY/QUEENSTON/MANITOULIN/CABOT HEAD/FOSSIL HILL/AMABEL FMS  
 Richardson #522-25 Bruce Co. (1967)  
 Lot 4, conc. VI, Albermarle Twp. Bruce Co.  
 Lat. 44°53'N Long. 81°10'W

