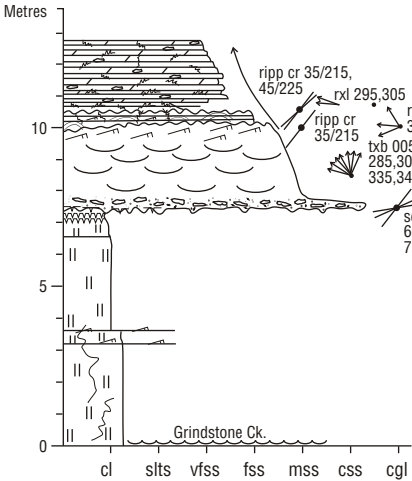


LOWER SILURIAN - SOUTHERN ONTARIO
MEDINA GROUP (WHIRLPOOL-MANITOULIN FM)
Grindstone Falls, Smokey Hollow, Waterdown
30M/5 Hamilton-Burlington 902979
Lat. 43°19'40"N Long. 79°53'00"W
General strike 330°-340°
Dip <1°SW



- grey very fine- to fine-dolomite ss, thin bedded, well sorted, silica cement, rip-ups, symmetrical ripples, horizontal and vertical burrows, silty partings, almost sandy dolostone, slightly f-up.
- greenish grey sandy siltstone, bioturbated, horizontal burrows, few thin very fine-grained sandstone beds.
- grey thin bedded, fine-grained sandstone, lens like beds, rip-ups, HCS, symmetrical ripples, vertical burrows *Skolithos*.
- pale grey to buff medium-grained ss, very well sorted, orthoquartzitic with silica cement, slightly f-up, sharp scoured base with green shale rip-ups, desiccation cracks at base, large scale txb decreases in size upward, more rxl upward, thin coarse sandstone at base, symmetrical ripple on top surface.
- pale greenish mudstone, very uniform, sharp irregular top, 2 very thin white clay bentonites at top, desiccation cracks at top.
- red pedogenic mudstone, very uniform, tiny green reduction spots, sharp top.
- 2 thin green calcareous sandy siltstone beds separated by red pedogenic mudstone, each has sharp base and gradational top, original rxl now pedogenically altered.
- red mudstone, slightly silty, very uniform, rubbly, pedogenic structure, one green vertical fracture.