

<i>Beds. No.</i>	MEDINA FORMATION.	<i>Thickness. Feet.</i>
4	Bluish sandstones in two beds, splitting in slabs....	2.7
3	Coarse sandstone—the GRAY BAND—varying much in thickness. This is separated from the beds above by shaly parting.....	7.3
2	Medina shales—green, red, or variegated—partly covered here, but various portions exposed in many places.....	141.0
1	Red, green, and variegated shales (measured in Artemis Well).....	394.0
		545.0
	Total thickness.....	800.0

SECTION II. (at Dundas).

This section was measured partly along the Sydenham road, and partly in the glen just west of it. The measurements are in descending order, and the numbers of the beds refer to the equivalent beds in Section I.

NIAGARA FORMATION.

13	Cherty dolomites, forming brow of escarpment along Sydenham road. The upper portion in the section & represented at the "Peak," by more than 100 feet, being removed by denudation for some distance back of the brow	19.0
14	Dolomitic shales	0.8
10	Compact gray dolomite, more or less argillo-arenaceous, in beds from 2 to 2.5 feet thick	14.0
9 b	Shaly dolomites	4.5
9 a	Dolomitic shales	6.0
8	Compact gray dolomite in one bed, highly crystalline, with cavities filled with minerals.....	5.5
7	Gray dolomite, more or less argillaceous.....	10.0
		59.8

CLINTON FORMATION.

6	Clinton shales, with thin beds of areno-argillaceous & dolomites, sometimes ferruginous, some of the beds are fossiliferous. About 20 feet from the top there is a bed of red ferruginous, calcareo-arenaceous sandstone, rich in casts of fossils	85.7
5		85.7

MEDINA FORMATION.

4	Bluish sandstone splitting into thin slabs.....	2.1
	Shaly parting.....	0.8
3	Coarse gray sandstone—the "Gray Band"—varying in thickness from 6.7 to 9 feet	8.1
	See below,	
2&1	Medina variegated shales (as calculated).....	535.0
		546.0
	Total thickness.....	691.5