

SECTION IV. (along Rosseau Creek)

This section along Rosseau Creek, extends from Albion Falls (in Barton Township) to Carpenter's Limekilns, on the Hamilton and Caledonia road. This line follows nearly the strike of the formation. The section is in descending order. The numbering of the beds refers to the corresponding strata at Hamilton and Dundas.

Only the Niagara Formation is represented.

Beds. No.		Thickness. Feet.
	Dark gray bituminous dolomites at Carpenter's Limekiln, R. VI, lot 15, Barton. The top bed is two feet thick, with glaciated surface. This bed contains abundance of <i>Stromatopora</i>	11.5
	Beds concealed	42.7
	Grey bituminous dolomites (Range VII, lot 7, Barton) beds 0.25-1.0 foot thick, containing cavities filled with barite, calcite, selenite, fluorite, galenite, sphalerite, and other minerals in beautiful crystals, besides bituminous matter	15.1
	Covered beds.....	5.7
	Earthy compact dolomite (Range VII, lot 5). (The following is down the creek, R. VII, lots 4-1.)	6.2
	Fine grained dark dolomite, in one bed, with glaciated surface	2.2
	Areno-argillaceous dolomites, in thin beds with shaly partings, 0.2-0.4 foot thick	12.3
	Dark brown flags, areno-argillaceous, with films of dolomite	1.3
	Shaly dolomite (with abundance of <i>Streptelasma</i>) ...	2.5
	Blue arenaceous shales, hardened with crystalline particles of dolomite	2.9
	Argillaceous dolomites	3.2
	Blue and red shaly rock	3.0
	Dolomitic flags (<i>Avicula</i> bed), dark brown arenaceous	5.4
	Covered beds.....	3.0
	Earthy dolomites, forming bed of creek	7.5
	Covered beds.....	3.7
	Thin gray dolomites (areno-argillaceous), forming brow of escarpment, just west of Falls.....	4.0
		132.2
11,12 & 13	Cherty dolomites, at Albion Falls.....	18.4
10	Argillaceous dolomites, in thin beds, with shaly partings.....	22.6
9	Blue hard dolomitic shales, with beds of shaly dolomites	12.0
8	Gray crystalline dolomite, in one bed.....	4.9
7	Argillo-arenaceous dolomites, in thin beds.....	7.7
		65.6
	Total thickness of Niagara beds.....	197.8
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