

which may be given is one measured in descending order at the cliff on the west side forming the point to the southward of Fishing-lake bay. Here the arkose of the bottom is not so thick as usual and the upper beds are more largely developed than elsewhere along this shore.

	Feet.
1. Fine-grained dark-green diabase (112) in places having porphyritic crystals of light-green feldspar; in other parts containing small amygdulæ of agate and chlorite or empty so that the rock is often honeycombed	55
2. Light-gray fine-grained sandstone (111)	8
3. Light-gray, coarse-grained sandstone (110)	40
4. Light-coloured dolomite with partings of chert and towards the middle of the measures large boulders of light-coloured grit	65
5. White compact limestone	10
6. Light-blue fine-grained silicious limestone with frequent partings of white and light-blue chert	80
7. Light-coloured yellowish to white, fine-grained sandstone with small specks and veins of yellow carbonate of iron	25
8. Light-gray medium to coarse-grained friable sandstone with calcareous matrix holding a few large dark-red garnets	15
9. Light-bluish limestone	5
10. Light-gray fine-grained dolomite with numerous partings of black graphitic shale from one to fifteen inches thick	60
11. Dark-blue compact dolomitic limestone weathering buff in beds from 3 to 24" with shaley partings	70
12. Dark shaley limestone splitting into large flags from $\frac{1}{2}$ to 4" thick	100
Unconformity	
13. Arkose and sandstone	720
To sea-level	1,253

Other sections made.

Several other sections were made of the rocks forming the cliffs about Richmond gulf, but as those above given are quite sufficient to show the nature and succession of the rocks in this region the former are not included here. The diabase-capped sedimentary rocks occupy the coast from Little Whale river southward as far as the head of Manitounuk sound, where the ridge of trap-capped rocks passes into the Manitounuk islands. The following descending section was measured at Big Rock on the northern island of this chain where the greatest thickness of the measures occur.

	Feet.
1. Dark-green, fine-grained diabase, slightly basaltic in structure	225
2. Very dark, fine-grained greywacke slate, and fine greywacke, baked light-green for 15" from contact with overlying diabase	36
3. Rusty weathering arenaceous limestone full of partings of sandstone and containing some carbonate of iron	32
4. Light-blue and pink, fine-grained sandstone	93
5. Light-pink sandstone	40
Concealed	25
6. Light-blue and pink sandstones	18