tery purposes, is found down to a depth of occasionally 600 feet. That what appears to be mere loose sand and clay is really rock decomposed in situ, is proved by the quartzveins and bands of schorl-rock which ascend from the solid rock (a, Fig. 96) into the friable part (b), and by the entire agreement in structure between the two portions. Here and



Fig. 94.-Spheroidal Weathering of Dolerite, North Queensferry.

there, kernels of still undecomposed granite may be seen (as at c c in Fig. 97), surrounded by thoroughly decayed material, and, like the solid cores of basalt above mentioned, presenting a deceptive resemblance to accumulations of transported materials. There can be no doubt that the granite bowlders, so abundantly transported by the ice-sheets and glaciers of the Ice Age, originated in great measure in this way. Owing to its numerous joints, granite occasionally