

6th. Fluor Spar. As far as we can learn, this is by no means common. One specimen of an imperfect crystal we have met with. Its colour is a deep purple, so intense as to render the crystal scarcely transparent. Its form is that of half a cube divided diagonally. It was found associated with calx spar in a crevice of the "Black Rock."

The earthly minerals above named, occur for the most part, in crevices and small fissures in the rock.

Of two specimens of rock, one procured from Wolf's Cove, between Sillery Cove and Cape Diamond—the other from Cape Diamond, the following is a comparative mineralogical description.

*Wolf's Cove.*—Colour, dark ash grey, opaque—structure compact, fracture uneven, somewhat conchoidal with sharp edges—easily scratched by the knife—receives a trace from copper—colour of powder, reddish—streak dull light grey. Sp. Gr. 2,57. Moderate effervescence in acid with or without being powdered, which soon subsides, leaving considerable sediment. Before the blow-pipe it forms a yellowish or brownish enamel; the part furthest from the flame is whitened.

*Cape Diamond.*—Colour brownish black—opaque—structure compact fracture uneven conchoidal, with sharp edges, scratched by the knife, but not quite so easily as the foregoing—colour of powder, reddish ash grey—streak reddish grey—exhales the bituminous odor when struck—effect in and the same as the last, with the addition of the solution being discoloured. Sp. gr. 2,54. Effect of the blowpipe precisely the same as in the last instance.

Such is a very imperfect sketch of the Geological associations and Mineralogical characters of the "Black Rock" of Cape Diamond; from which it appears to be an argillite and not a L. stone. The only characters it possesses in common any of the varieties of the latter, are a slight efferves-