

good building material, is therefore only employed in the construction of the cottages and houses in the immediate vicinity. The *vignette* of *this volume* represents a mass of the inclined sandstone strata near this place. The reader will recollect that the hills on the opposite side of the valley, on our right, are also composed of similar strata; and that the ridge, covered with fir-trees, marks the bold escarpment of the millstone grit at STONNIS, over Cromford; so that the geological horizon of the valley, as seen from this spot, is wholly formed by the millstone grits and sandstones. A mile beyond Holloway toll-gate, the road turns to the left, and the bare dome of mountain limestone of CRICH HILL is before us. We soon arrive at a limestone quarry, in which the strata are seen to be distinctly arched (see *Lign.* 163, p.959.), as in the cliff at Matlock Church-Tor.

We will alight here to examine the rock more closely, and obtain specimens. Here we see that the strata are inclined both to the right and to the left, and also lean towards the central axis of the hill in front of us; presenting such an appearance as would be afforded by an excavation made in an onion, or other spheroidal body, formed of a series of concentric layers. The limestone in this quarry is of the usual subcrystalline character, abounding in shells, principally spirifera (p.381.). There are numerous vertical and oblique fissures in the rock, and these are more or less incrustated