

it partakes of the nature of swinestone, and from containing some inflammable substance, requires only a small quantity of coal to reduce it into lime. That worked at Denton, was found by Mr. Holme to be bituminous.

It dissolves slowly and leaves a milky appearance in the liquid.

The lime from the stone of Leigh and Ardwick has the property of setting under water, and was used for the tarras cistern of the late Drury Lane Theatre.

(*Uses.*) It is employed as a building stone, and has a pleasing tint: at Broadworth it is worked into cisterns, and at Langwith in Derbyshire into flooring and stair-cases. It is rarely uniform enough in its grain, or of sufficient hardness to deserve the name of marble, but slabs of it are polished at Knaresborough, Sunderland, &c. It does not burn to a white lime, but furnishes a strong mortar; that of Leigh is celebrated as a cement, and is said to be used, when mixed with bullocks blood, as a cement for mending boilers worn by use. It is said that if a damp room be white-washed with it, the dampness will be cured. At Ferrybridge, Mansfield, &c. it is burnt for manure, but is generally considered to be injurious to the land, unless used in very moderate quantities, in which case it is esteemed to be highly beneficial.

At Pallion near Sunderland, beds of a dirty light brown colour are quarried and sold as marbles; they take a tolerably good polish.

Over the magnesian limestone is a hard stone abounding in shells which are very imperfect: it is red on the surface, blue internally. There is a large quarry of it on the road to Pleasley close to the turnpike about two miles and a half from Bolsover in Derbyshire.

In Yorkshire, as we have already observed, it occurs in two beds separated by variegated marle containing gypsum.

Near Nottingham, its upper beds are separated by partings of red and verdigris coloured clay, and it contains quartz pebbles.

At Bolsover, the beds are separated by pipe-clay, which is used in the arts.

The lowest beds are blue limestone containing galena and yielding excellent lime, and are quarried at Bolsover, Excroft, Barlborough, Palterton and Houghton.

Towards the bottom of this series several beds of compact blue limestone occur imbedded in blue clay and abounding in anomia and other shells, have long been known at Stoney Houghton near Pleasley, at Palterton, &c.