

	feet.	inch.
8. Indurated brown Clay with sulphate of lime, crystallized in irregular masses, and in large proportion . . . . .	12	—
9. Indurated blue Clay, laminated with sulphate of lime . . . . .	4	6
10. Argillaceous marl . . . . .	4	—
11. Indurated brown Clay, laminated with sulphate of lime . . . . .	3	—
12. Indurated blue Clay, with laminæ of sulphate of lime . . . . .	3	—
13. Indurated red and blue Clay . . . . .	12	—
14. Indurated brown Clay, with sand and sulphate of lime, irregularly interspersed through it. The fresh water (360 gallons per minute) finds its way through holes in this stratum, and has its level at 16 yards from the surface	13	—
15. Argillaceous marl . . . . .	5	—
16. Indurated blue Clay with sand, and grains of sulphate of lime . . . . .	3	9
17. Indurated brown clay, with a little sulphate of lime . . . . .	15	—
18. Indurated blue Clay, with grains of sulphate of lime . . . . .	1	6
19. Indurated brown Clay, with sulphate of lime..	7	—
20. The first bed of Rock Salt . . . . .	75	—
21. Layers of indurated Clay, with veins of rock salt running through them . . . . .	31	6
	230	9

22. The second bed of Rock salt, which has been sunk into 105 to 108 feet.

The valley of the Weaver is divided from that of the Dee, by a low ridge of hills, including Delamere Forest, the crag on which Bierston Castle stands, and the Peckforton hills; and from that of the Mersey by a similar ridge connected with Alderley edge, In the Peckforton hills a small quantity of copper has been found, and at Alderley edge,\* ores of lead,

\* At Alderley edge in Cheshire, the sandstone of this deposit contains grey oxide of cobalt, galena and yellow copper ore, together with sulphate of barytes. In different parts of Shropshire, as at Hawkestone, Pym hill, &c. it is tinged by copper. Though iron abounds in this formation as a colouring matter, it contains no argillaceous iron stone, nor balls of iron stone, nor any variety of workable iron. (G Notes.)

It is sometimes slaty and micaceous, sometimes contains pebbles of quartz and agate. (G. Notes.)

See an account of Alderley Edge, in Monthly Mag. Vol. 1811. (G. Notes.)