

	Fs.	Y.	F.	In.
4. Limestone.....	—	1	2	—
Slate-clay and sandstone	3	1	—	—
5. Limestone.....	9	—	—	—
Slate-clay, &c. with thin coal occasionally	4	—	—	—
6. Cockleshell limestone	—	—	1	6
Slate-clay, &c.....	3	—	1	—
7. Limestone.....	—	1	1	6
Slate-clay, &c.....	4	1	—	—
8. Tyne Bottom limestone.....	3	1	1	—
Whin sill basalt*	10	—	—	—
Slate-clay, &c.....	11	1	—	—
9. Jew limestone	3	—	—	—
Slate-clay, &c.....	7	1	—	—
10. Little limestone.....	1	—	—	—
Slate-clay, &c.....	15	1	—	—
11. Smithy lime	4	1	—	—
Sandstone	1	—	—	—
12. Limestone.....	4	1	—	—
Sandstone.....	1	—	—	—
13. Limestone	3	—	—	—
Slate-clay	1	1	—	—
14. Limestone.....	1	1	—	—
Slate-clay	1	1	—	—
15. Robinson's great lime	14	—	—	—
Slate-clay and sandstone	3	—	—	—
16. Great Randal or limestone ..	21	—	—	—
Slate-clay, &c.....	4	—	—	—
17. Limestone.....	4	—	—	—
Slate-clay, &c.	28	—	—	—
18. Limestone.....	2	—	—	—
Slate-clay, &c. containing a 7-inch seam of coal.....	10	—	—	—
Sandstone.....	28	1	—	—
19. Limestone.....	3	1	—	—
Total.....	254	—	—	—

Beneath this are 40 fathoms of sandstone and slate-clay, and then the old red sandstone.

* This basaltic stratum offers one of the most interesting phenomena of this district. But in order to collect together under one point of view all the circumstances which bear on the occurrence of rocks of the trap formation among those associated with the coal districts, the particular description of this and all similar facts will be postponed to an appendix on this subject, with which the account of the coal districts will conclude.