

brooks, viz., Aldery Brook, two miles and a quarter from the head of the Lake, and Coal Brook, near its S. E. corner. On the former, the first exposures occur just twenty chains in a direct line from the shore of the Lake, or by the course of the stream about thirty-five chains. The following section is then brought in to the south or up the stream:—

Section of Coal Measures on Aldery Brook.

	Strata.		Coal.	
	Ft.	In.	Ft.	In.
Chiefly red and brown shales mottled with green occasional bands of coarse sandstone	272	0		
Greenish grey, coarse and fine grained sandstones with red and greenish arenaceous shales	112	0		
Thick and thin, coarse and fine grained greyish sandstones and loose arenaceous shaley beds a good deal concealed, some heavy beds of coarse whitish grit towards the top	230	0		
Clay bed with thin dirt streak	1	0		
Thick and thin sandstones, shales and clay alternating, some reddish and brownish strata a good deal concealed	163	0		
	Ft. In.			
No. 1. Tough underclay	4	8		
Impure slaty coal	0	4		
		4 8	0	4
Chiefly loose, rotten, shaley rock, with occasional beds of coarse grey sandstone and clayey layers a good deal concealed	140	0		
Red and brown arenaceous shales and sandstones with occasional claybeds	70	0		
Greenish grey, loose shaley rock with about 30 feet of massive whitish sandstone or fine grit towards the top	70	0		
Fire clay with dirt streak	2	0		
Greenish grey sandstones and shale alternating	73	0		
	Ft. In.			
No. 2. Shaley underclay	4	0		
Coal	0	2		
Tough clay with coal streaks	0	7		
Coal	0	2		
Carbonaceous shale and clay	0	4		
		4 9	0	6