

Carbonaceous shale	1	0
Grey sandy shale	4	0
Ferruginous sandstone	0	6
Greenish-grey sandstone	10	0
Grey and blackish carbonaceous shale.....	4	0
Greenish-grey soft sandstone	6	0
Sandstone and arenaceous and carbonaceous shale, with general greenish-grey tints, (about).....	80	0
	<u>155</u>	<u>9</u>

On Mill Creek, about four miles above the mill, a seam of coal outcrops. The measures are somewhat broken, and the seam appears to be rather inconstant in thickness. The coal is of excellent quality, and yields a firm coke. It has been used to a small extent in blacksmith work at the mill. The following are sections of the seam on opposite sides of a break or fault which traverses the measures at the outcrop:—

	ft. in.
Coal (rather shaly)	3 1
Coal	2 0
Shale.....	1 4
Coal	2 0
Shale.....	1 4
Coal	2 0
Total coal.....	<u>9 1</u>
	ft. in.
Coal (rather shaly).....	2 0
Shale.....	1 0
Coal (apparently good throughout with the exception a few shaly partings not equalling 4 inches in all.)	6 0
Total coal.....	<u>8 0</u>

About a mile and a half from the first limestone range on the north fork of the Old Man is a seam of excellent coal about five feet thick, dipping westward at an angle of thirty-five degrees.

The occurrence of workable coal seams at several different horizons, and the proved continuity of some of them over great areas, guarantees an abundant supply of fuel in this district, a matter of great importance in a country which, over wide tracts, is almost entirely destitute of wood. The quality of some of the fuels is such as to render them suitable for transport to a distance,