

Lower Level D (Frederick).—This level, as may be observed, is confined to the low country with main east break on the north, on the west by fault, on the east slopes of Frederick, extending along to and joining mid-level break, also along the southern end of high-level fault, on the south by S.W. shoulder of Mount William, and east by Mount William ridge, extending north along its base and western slopes, till gaining the main east break. This area forms itself into a trough or basin, holding, as may be seen from the sections following, thick faces of coal, two seams in all, throughout.

							Ft. in.
Section No. 31.	Coal, without roof	...	...	...	...	...	0 6
	Blaze	...	...	...	...	...	4 0
Total							4 6

Dip S. to S.E. 10°, resting upon quartz grits. Here no roof could be got before making surface, this section resembling much in appearance that of a crop, or one of them, of the basin.

							Ft. in.
Section No. 32.	Soft Sandstone, yellow	...	...	...	...	...	20 0
	Blaze	...	...	...	...	...	2 0
	Coal, upper seam	...	...	...	...	...	4 0
	Shale Blaze	...	...	...	...	...	2 0
							28 0

Dip S.E. 10°, resting upon hard quartz grits.

							Ft. in.
Section No. 33.	Soft Sandstone, yellow	...	...	...	...	...	12 0
	Coal	...	...	...	...	...	2 0
	Blaze, parting	...	...	...	...	...	0 6
	Coal	...	...	...	...	...	1 6
	Soft yellow Sandstone, with coal parting	...	...	...	...	...	5 0
	Band of Blaze...	...	...	...	...	...	0 6
	Soft yellow Sandstone	...	...	...	...	...	9 0
	Coal, lower seam	...	...	...	...	...	20 0
	Blaze...	...	...	...	...	...	2 0
							52 6

Dip S. to S.E., resting upon coarse hard grits.

							Ft. in.
Section No. 57½.	Soft fine Grits	...	...	...	...	...	25 0
	Soft yellow Sandstone	...	...	...	...	...	6 0
	Blaze...	...	...	...	...	...	1 0
	Coal	...	...	...	...	...	1 0
	Soft Grits	...	...	...	...	...	18 0
	Soft yellow Sandstone	...	...	...	...	...	10 0
	Blaze...	...	...	...	...	...	6 0
	Coal	...	...	...	...	...	12 0 (Shown.)
							79 0

Dip S. to S.E. 12°.

							Ft. in.
Section No. 44.	Surface, fine Grits	...	...	...	...	...	25 0
	Soft yellow Sandstone	...	...	...	...	...	6 0
	Blaze	...	...	...	...	...	1 0
	Coal	...	...	...	...	...	1 0
	Soft Grits	...	...	...	...	...	20 0
	Soft yellow Sandstone	...	...	...	...	...	6 0
	Blaze	...	...	...	...	...	8 0
	Coal	...	...	...	...	...	32 0
							99 0

Dip S. to S.E. 8°. Remainder of coal covered by water.

							Ft. in.
Section No. 43.	Surface (1 ft.), Wash (2 ft.)	...	...	...	...	...	3 0
	Marls, with Fossil Shells	...	...	...	...	...	30 0
	Soft fine Grits	...	...	...	...	...	6 0
	Soft yellow Sandstone	...	...	...	...	...	6 0
	Coal, upper seam	...	...	...	...	...	0 8
	Blaze Band	...	...	...	...	...	1 0
	Coal	...	...	...	...	...	0 6
	Soft white Sandstone, with shaly partings	...	...	...	...	...	23 0
	Blaze	...	...	...	...	...	2 0
	Coal	...	...	...	...	...	0 6
	Blaze Band	...	...	...	...	...	1 0
	Coal	...	...	...	...	...	30 0
	Shale Blaze	...	...	...	...	...	2 0
							105 8

Dip S. to S.E. 20°, resting upon hard quartz grits.