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.

No. 31.	Coal, without roof						Λ	O	
140. 51.		•••	•••	•••	•••	•••	0	6	
	( Diaze	• • •	•••	•••	•••	•••	4	0	
	Total		•••			•••	4	6	
			_			_		—	
S. to S.E. 10°	, resting upon quartz	rits. H	fere no roc	of could	be got b	efore m	aking	surf	ace, t
mon resembling	g much in appearance t	nat of a	crop, or on	e or the	em, or the	basin.	Ft.	in	
	Soft Sandstone, yellov	X7					20	0	
Section		*	•••	•••	•••	•••	2	ŏ	
No. 32.	Coal, upper seam		•••	•••	•••	•••	4	ŏ	
2(0,02)	Shale Blaze	•••	•••				$ar{2}$	ŏ	
							<b>2</b> 8	0	
Dip S.E. 10°,	, resting upon hard qua	rtz grits							
•		_				•	Ft.	in.	
	Soft Sandstone, yellov	v	•••		•••		12	0	
Section No. 33.	Coal		•••	•••			${f 2}$	0	
	Blaze, parting	• • •		•••	•••		0	6	
	Coal		• • • • • • • • • • • • • • • • • • • •	•••	•••	•••	1	6	
	Soit Aeriom Sandstone	, with co	al parting	•••	•••	•••	5	0	
	Band of Blaze	•••	•••	•••	•••	•••	0	6	
	Soft yellow Sandstone	•	•••	•••	•••	•••	9	0	
	Coal, lower seam	•••	•••	•••	•••	•••	20	0	
ì	Blaze	•••		•••	***	•••	2	0	
							52	6	
Din S to S E	., resting upon coarse l	ard orit	tsu						
Dip 6. 10 6.1	", resume upon coarse r	iaru grii	15.				Ft.	in.	
ļ	Soft fine Grits	•••	•••		•••	•••	25	0	
	Soft yellow Sandstone		•••		•••	•••	6	0	
	Blaze	•••	•••			•••	1	0	
Section	Coal	•••	•••	•••	•••	•••	1	0	
No. $57\frac{1}{2}$ .	Soft Grits	•••	•••		•••	•••	18	0	
ì	Soft yellow Sandstone	•••	•••	•••	•••	•••	10	0	
	Blaze	•••	•••	•••	•••	•••	6	0	~-
į	Coal			•••	•••	•••	12	0(	Show
							79	0	
Dip S. to S.E	l. 12°.						<del></del>	_	
•	•						Ft.	in.	
	Surface, fine Grits	•••	•••		•••	•••	25	0	
	Soft yellow Sandstone	е	•••	•••	•••	•••	6	0	
en	I Diama						1		
	Blaze	•••		•••	•••	•••	_	0	
Section	Coal	•••	•••	•••	•••		1	0	
Section No. 44.	Coal Soft Grits	•••		•••	•••	•••	1 20	0	
	Coal   Soft Grits   Soft yellow Sandstone	•••			•••	•••	$\begin{array}{c} 1 \\ 20 \\ 6 \end{array}$	0 0	
	Coal Soft Grits Soft yellow Sandstone Blaze	  		•••	•••	•••	$\begin{array}{c}1\\20\\6\\8\end{array}$	0 0 0 0	
	Coal   Soft Grits   Soft yellow Sandstone	•••			•••		$\begin{array}{c} 1 \\ 20 \\ 6 \end{array}$	0 0	
	Coal Soft Grits Soft yellow Sandstone Blaze	  					$\begin{array}{c}1\\20\\6\\8\end{array}$	0 0 0 0	
	Coal Soft Grits Soft yellow Sandstone Blaze Coal	  	     		··· ··· ··· ···		1 20 6 8 32 99	0 0 0 0 0 0	
No. 44.	Coal Soft Grits Soft yellow Sandstone Blaze Coal	    al covere	    ed by water				1 20 6 8 32 99 Ft.	0 0 0 0 0 0	
No. 44.	Coal Soft Grits Soft yellow Sandstone Blaze Coal  8°. Remainder of coal Surface (1 ft.), Wash	   al covere	    ed <b>by water</b>				1 20 6 8 32 99 Ft. 3	0 0 0 0 0 0	
No. 44.	Coal Soft Grits Soft yellow Sandstone Blaze Coal  8°. Remainder of coal Surface (1 ft.), Wash Marls, with Fossil Sho	   al covere					1 20 6 8 32 99 Ft. 3 30	0 0 0 0 0 0 	
No. 44.	Coal Soft Grits Soft yellow Sandstone Blaze Coal  8°. Remainder of coal Surface (1 ft.), Wash Marls, with Fossil She Soft fine Grits	al covere	   ed <b>by water</b> 	•••			1 20 6 8 32 99 Ft. 3 30 6	0 0 0 0 0 	
No. 44.	Coal Soft Grits Soft yellow Sandstone Blaze Coal S°. Remainder of coal Surface (1 ft.), Wash Marls, with Fossil She Soft fine Grits Soft yellow Sandstone	 al covere (2 ft.)					1 20 6 8 32 99 Ft. 3 30 6	0 0 0 0 0 0 in. 0 0	
No. 44.	Coal Soft Grits Soft yellow Sandstone Blaze Coal See Remainder of coal Surface (1 ft.), Wash Marls, with Fossil She Soft fine Grits Soft yellow Sandstone Coal, upper seam	(2 ft.)					1 20 6 8 32 99 Ft. 3 30 6 6	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
No. 44.  Dip S. to S.E	Coal Soft Grits Soft yellow Sandstone Blaze Coal  Soft yellow Sandstone Blaze Coal  Soft Remainder of coal Surface (1 ft.), Wash Marls, with Fossil She Soft fine Grits Soft yellow Sandstone Coal, upper seam Blaze Band	(2 ft.)					1 20 6 8 32 99 Ft. 3 30 6 6 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
No. 44.	Coal Soft Grits Soft yellow Sandstone Blaze Coal  Soft wellow Sandstone Blaze Coal  Soft Remainder of coal Soft fine Grits Soft yellow Sandstone Coal, upper seam Blaze Band Coal	2 ft.) ells					1 20 6 8 32 99 Ft. 3 30 6 6 0 1 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
No. 44.  Dip S. to S.E	Coal Soft Grits Soft yellow Sandstone Blaze Coal  See Remainder of coal Soft fine Grits Soft yellow Sandstone Coal, upper seam Blaze Band Coal Soft white Sandstone, Soft white Sandstone,	2 ft.) ells	    aly parting	    s			1 20 6 8 32 99 Ft. 3 30 6 6 0 1 0 23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
No. 44.  Dip S. to S.E	Coal Soft Grits Soft yellow Sandstone Blaze Coal  See Remainder of coal Soft fine Grits Soft yellow Sandstone Coal, upper seam Blaze Band Soft white Sandstone, Blaze	2 ft.) ells		    s			1 20 6 8 32 99 Ft. 3 30 6 6 0 1 0 23 2	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
No. 44.  Dip S. to S.E	Coal Soft Grits Soft yellow Sandstone Blaze Coal Soft Memainder of coal Surface (1 ft.), Wash Marls, with Fossil She Soft fine Grits Soft yellow Sandstone Coal, upper seam Blaze Band Coal Soft white Sandstone, Blaze Coal Coal	2 ft.) ells	    aly parting	    s			1 20 6 8 32 99 Ft. 3 30 6 6 0 1 0 23	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
No. 44.  Dip S. to S.E	Coal Soft Grits Soft yellow Sandstone Blaze Coal Soft Memainder of coal Surface (1 ft.), Wash Marls, with Fossil She Soft fine Grits Soft yellow Sandstone Coal, upper seam Blaze Band Soft white Sandstone, Blaze Blaze Band	2 ft.) ells	    aly parting	    s			1 20 6 8 32 99 Ft. 3 30 6 6 0 1 0 23 2 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
No. 44.  Dip S. to S.E	Coal Soft Grits Soft yellow Sandstone Blaze Coal  S°. Remainder of coal Marls, with Fossil She Soft fine Grits Soft yellow Sandstone Coal, upper seam Blaze Band Coal Soft white Sandstone, Blaze Blaze Band Coal Blaze Band Coal Blaze Band Coal	(2 ft.) ells with sha	aly partings	    s			1 20 6 8 32 99 Ft. 3 30 6 6 0 1 0 23 2 0 1 1	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
No. 44.  Dip S. to S.E	Coal Soft Grits Soft yellow Sandstone Blaze Coal See Remainder of coal Surface (1 ft.), Wash Marls, with Fossil She Soft fine Grits Soft yellow Sandstone Coal, upper seam Blaze Band Coal Soft white Sandstone, Blaze Coal Blaze Band Coal Shele Blaze	(2 ft.) ells with sha	aly partings	    s 			1 20 6 8 32 99 Ft. 3 30 6 6 0 1 0 23 2 0 1 30	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	