

Work on Anthracite Creek was carried out more to fulfill the requirements of the Coal Act. However, the results were very satisfactory. The lowest seam (a) carries $2\frac{1}{4}$ feet coal; shale 15 inches; coal 18 inches; shale 18 inches; coal 1 foot; in all 4 feet 9 inches clean coal. The next (b) seam found at some distance gave 3 feet of clean coal.

Above these is another (c) $5\frac{3}{4}$ feet of clean coal with small shale parting giving over 86% fixed carbon.

The analyses of these seams were:—

	Fixed Carbon	Volatile Matter	Sulphur	Ash
(a)	71.76%	13.51%	0.16%	14.57%
(b)	73.36	6.78	0.12	19.74
(c)	86.74	6.98	0.13	6.15

TONNAGE OF COAL.

Last year, to be conservative, the writer calculated a foot-acre of coal at 1,000 tons. Most engineers are calculating a foot-acre at 1,500 tons. In order to make your property stand on the same footing as other properties, the calculations will be based on the larger amount.

	TONS.
"BENOIT" Seam will carry per square mile 5,760,000 tons, and underlie, say, 30 square miles.	
Gross tonnage	172,800,000
"SCOTT" Seam will carry per square mile 7,680,000 tons, and underlie 32 square miles.	
Gross tonnage	245,760,000
"GARNEAU" Seam will carry per square mile 2,880,000 tons, and underlie 32 square miles.	
Gross tonnage	92,160,000
"ROSS" Seam will carry per square mile 9,600,000 tons, and underlie 32 square miles.	
Gross tonnage	307,200,000
"PELLETIER" Seam will carry per square mile (if horizontal), 5,760,000 tons, and underlie 34 square miles.	
Gross tonnage	195,840,000
LOWER ANTHRACITE Seam will carry per square mile 3,840,000 and underlie 13 square miles.	
Gross tonnage	49,920,000