

Description.	Outcrops at or near Port Morien.							
Sample No.	1275	1287	1277	1278	1279	1276		
Moisture condition (see note, p. 2).....	R D	R D	R D	R D	R D	R D	R D	R D
Loss on air-drying.....%								
Results obtained by.....	Anal. Calc.	Anal. Calc.	Anal. Calc.	Anal. Calc.	Anal. Calc.	Anal. Calc.	Anal. Calc.	Anal. Calc.
Proximate analysis:—								
Moisture.....%	2.1	1.7	2.0	2.0	1.7	2.2		
Ash.....%	21.1 21.5	10.6 10.8	14.8 15.1	13.7 14.0	17.4 17.7	6.1 6.2		
Volatile matter.....%	30.8 31.5	33.1 33.7	31.4 32.0	33.1 33.8	32.7 33.3	36.1 36.9		
Fixed carbon.....%	46.0 47.0	54.6 55.5	51.8 52.9	51.2 52.2	48.2 49.0	55.6 56.9		
Ultimate analysis:—								
Carbon.....%								
Hydrogen.....%								
Ash.....%								
Sulphur.....%								
Nitrogen.....%								
Oxygen.....%								
Calorific value:—								
Calories per gram, gross.....								
B. Th. U. per lb., gross.....								
Fuel ratio.....	1.50	1.65	1.65	1.55	1.45	1.55		
Carbon-Hydrogen ratio.....								
Coking properties.....	small lump of good coke	small lump of good coke	small lump of good coke	small lump of good coke	small lump of fair coke	small lump of fair coke		
Location in mine.....	Spencer seam, south limb of synclinal.	Spencer seam, north limb of synclinal.	Wilson series of seams, top 1-3 feet.	Wilson series 1-foot seam.	Wilson series 4 seams, total thickness about 2 feet.	Wilson series 1-4-foot seam.		
Kind of sample.....	Prospect.							
Quality of coal.....								
Taken by.....	A. O. Hayes, Geological Survey.							
Date of sampling.....	Summer of 1917.							