

II.—SOME ANALYSES OF NOVA SCOTIA COALS AND OTHER
MINERALS.—BY E. GILPIN, JR., LL. D., F. R. S. C., *Inspector of Mines, Halifax, N. S.*

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I purpose this evening to give you a few analyses of Nova Scotia minerals which are of interest.

A set of analyses of Coals from the three seams worked at Springhill by the Cumberland Railway and Coal Company were given me some months ago. They are as follows, and taken from the workings at a depth of from 800 to 1000 feet :

East or No. 1 Slope—Black or Main Seam :

| | |
|-----------------------------------|--------|
| Moisture..... | 2.02 |
| Volatile combustible matter | 18.94 |
| Fixed Carbon..... | 75.29 |
| Ash | 3.75 |
| | <hr/> |
| | 100.00 |

| | |
|---------------|------|
| Sulphur | 1.14 |
|---------------|------|

West or No. 2 Slope—South Seam. Sample No. 1, from upper division of seam :

| | |
|-----------------------------------|--------|
| Moisture | 1.41 |
| Volatile combustible matter | 27.93 |
| Fixed Carbon | 67.47 |
| Ash | 3.19 |
| | <hr/> |
| | 100.00 |

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|---------------|-----|
| Sulphur | .58 |
|---------------|-----|

West or No. 2 Slope—South Seam, lower division of seam :

| | |
|----------------------------------|--------|
| Moisture | 1.51 |
| Volatile combustible matter..... | 28.44 |
| Fixed Carbon..... | 65.38 |
| Ash | 4.67 |
| | <hr/> |
| | 100.00 |

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|---------------|-----|
| Sulphur | .61 |
|---------------|-----|