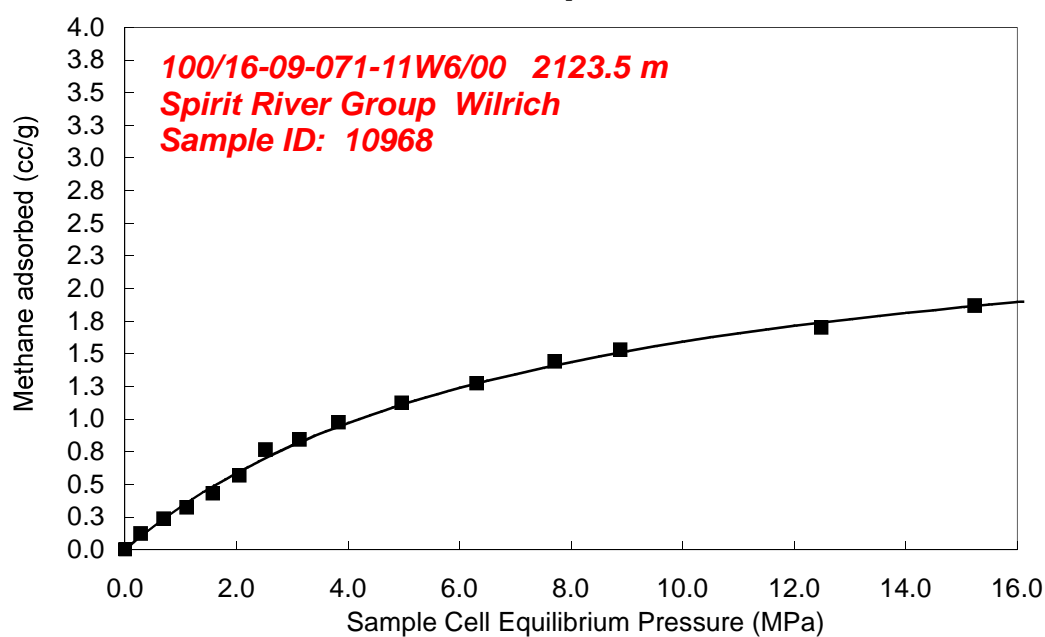


## Methane Adsorption Isotherm



| Pressure<br>(MPa) | Adsorbed gas (cc/g) |
|-------------------|---------------------|
|                   | In-Situ             |
| 0.292             | 0.12                |
| 0.696             | 0.23                |
| 1.116             | 0.32                |
| 1.588             | 0.43                |
| 2.052             | 0.57                |
| 2.524             | 0.76                |
| 3.130             | 0.84                |
| 3.830             | 0.98                |
| 4.974             | 1.12                |
| 6.309             | 1.28                |
| 7.718             | 1.44                |
| 8.885             | 1.53                |
| 12.488            | 1.70                |
| 15.246            | 1.87                |

### Langmuir Parameters

|                | In-Situ |
|----------------|---------|
| Vol. (cc/g)    | 2.78    |
| Pressure (MPa) | 7.46    |

### SUMMARY OF ADSORPTION ANALYSES SI UNITS

|   |         |                     |
|---|---------|---------------------|
| Isotherm Temperature:                   | 75.0 °C |                     |
| Goodness of fit of Langmuir regression: | 0.98    |                     |
| % Moisture:                             | 1.88    | Density: 2.737 g/cc |

