### Composite Columnar Section

<table>
<thead>
<tr>
<th>Level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Coal bed 1</td>
</tr>
<tr>
<td>2</td>
<td>Coal bed 2</td>
</tr>
<tr>
<td>3</td>
<td>Coal bed 3</td>
</tr>
<tr>
<td>4</td>
<td>Coal bed 4</td>
</tr>
<tr>
<td>5</td>
<td>Coal bed 5</td>
</tr>
<tr>
<td>...</td>
<td>...</td>
</tr>
</tbody>
</table>

**Lithologic Description**

- Coal bed 1: Black, hard coal with occasional thin shale partings.
- Coal bed 2: Dark grey, soft coal with minor amounts of silt and sand.
- Coal bed 3: Light brown, semi-bituminous coal with some carbonaceous mudstone.
- Coal bed 4: Black, bituminous coal with scattered fossil remains.
- Coal bed 5: Grey, lignitic coal with interbedded siltstone layers.

### Correlation of Coal Beds in Drill Holes

**T. 23 N., R. 9 W.**

- Depth: 500 ft
- Interval: 100 ft

**T. 23 N., R. 8 W.**

- Depth: 450 ft
- Interval: 150 ft

### Explanation

- **Legend:**
  - Coal bed
  - Shale
  - Sandstone
- **Legend Key:**
  - Coal bed 1: Black, hard coal
  - Coal bed 2: Dark grey, soft coal
  - Coal bed 3: Light brown, semi-bituminous coal
  - Coal bed 4: Black, bituminous coal
  - Coal bed 5: Grey, lignitic coal

**Notes:**

- Coal beds are overlain by siltstone and sandstone units.
- Thick coal beds are associated with underlying carbonate layers.
- Paleosol features are common in the overlying sediments.

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**Coal Resource Occurrence Map of the Lybrook NW Quadrangle, San Juan County, New Mexico**

By Dames & Moore

1979