

Playdough Core Sampling Activity





















Version A: Lignite 101

Mine Name: _____

Group Member Names: _____

Core Sampling Grid

Each mark on the straw illustration is ten feet.

	A	B	C	D	E	F
1	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No
2	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No
3	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No	 Coal: __Yes __No

Questions

1. How many of your core samples had a coal seam? _____
2. What was the thickest coal seam you discovered? Each mark equals 10 feet.

3. Where can the mining company expect to find a coal seam? Write the grid square labels.
(Ex. A1, B3)
