

On the south of London, these beds occur with well defined characters, at Blackheath, Lewisham, Charlton, Woolwich, and on the west of Plumstead. In all these places, *the thin bed next*

Plastic Clay Formation ...	{	5 feet of sand—a <i>spring</i>
		6 feet of soft Blue clay
		2 feet of a kind of marl—yielding <i>some water</i>
		9 feet of yellow clay
		12 feet of Blue clay intermixed with gravel
		9 feet of hard brown clay mixed with gravel
		12 feet of green-coloured sand and gravel
		12 feet of small gravel and sharp sand—a <i>good spring</i>
		1½ feet of green-coloured clay
		35½ feet of light-coloured sand
Chalk	{	2 feet of flint & chalk; mostly flint; very hard; a <i>spring</i>
		36 feet of chalk & flint—hard
		23 feet of ditto..... somewhat softer
		62 feet of ditto..... a <i>spring</i>
		37 feet of ditto..... no water
370		

The first 29 feet a circular well 12 feet diameter,
 The next 77 feet (i. e. 106 feet from surface) 10 feet diameter,
 The remaining 264 feet bored 8 inches in diameter.

The water from each of the springs in the Plastic clay formation and the Chalk, rose precisely to the same height, viz. exactly to 36 feet from the surface, and therefore to the high water-mark of the Thames. The springs of the Chalk yielded the greatest quantity of water.

Section afforded by the sinking of a well at Joseph Foster's, at Bromley, near Stratford-le-Bow, in Middlesex. (P.)

Alluvium, &c.	18 feet of loam, clay, gravel and sand
London Clay.	44 feet of Blue clay— <i>water from beneath it</i>
	2 feet of Blue clay
	1 foot clay, sand and shells mixed
	4 feet gravel, sand and shells
	4 feet fine sand
	9 feet blue & yellow clay
	4 feet sand & shells, with large lumps of pyrites—a <i>spring</i>
	of soft water, sufficient to fill a 2½ inch pipe
	9 feet Blue clay with abundance of broken shells, some resembling oysters, and pyrites
Plastic Clay	1 foot solid limestone
	22 feet { Black sand passing into small round pebbles like the Blackheath pebbles
	{ Black sand veined
	{ Some small pebbles in the sand, which is still hard and compact
	2 feet of Blue clay very hard and firm— <i>copious spring</i> of water, which threw much fine white sand into the pipe