GLA 31 North End Pit	t (Erith Park)	
Grid Reference: TQ 515 771	Site Type: brick pit	
Site Area (hectares): 0.43	Current use: Housing Estate	
Site ownership: LB Bexley	Borough: London Borough of Bexley	
Field surveyor: South London RIGS		
Last visited: Laurie Baker, Paul Rain	· · · · · · · · · · · · · · · · · · ·	
Current geological designation: RIG		
Site Map	OS Topography © Crown Copyright	
Allot Gdns Allot Gdns Resr (covered) Bratigraphy and Rock Types	Recreation Recrea	
	k Unit: Crayford Silt Formation	
	ails: Fine-grained 'rock-flour' suitable for brick-making as it contains	
Site Description		
A rare site of brickearth. The present housing estate was built on the site of one of the large guarries in the		

A rare site of brickearth. The present housing estate was built on the site of one of the large quarries in the area digging the Crayford Silt. Brickmaking in the area seems to have begun just before 1800. The northern part of Erith Park was worked by J.B White from 1840s as part of the Great Erith Brickearth Pit. The southern part was not worked until later after the Great Pit ceased operations in about 1880. By 1895 permanent kilns were used with fancy brickwork becoming a speciality. Norris' brickyard was famous for their ornamental panel work which can be seen all over London. As the pits became worked out, the brickpits were put to good use for local housing. Operations at North End Pit ceased by 1907. The last pit operating in the area closed in 1933

The Crayford Silt in the area was made famous for its archaeology. Flint tools – often points – have been found throughout the Crayford–Erith area, from near the top of the Crayford Gravel, reflecting activity on the banks of the ancient Thames. The people who left these tools were probably early Neanderthals, our closest human relatives. One of the most remarkable finds was a place where flints lay exactly where they had fallen. The archaeologist, Flaxman Spurrell was able to see the spaces left between the fallen flint flakes outlining the position where a flintworker sat around 200,000 years ago. Archaeologists have fitted the pieces together again, to see what tools Neanderthals wanted. The pieces discarded on the spot were

waste, but particular flakes were carried away to be used elsewhere.

Unfortunately, the original site of the flint floor is no longer accessible and the RIGS site was moved to the current cliff-face at the back of the re-built Erith Park. During the rebuilding the developers invited a mixture of professionals, the London Geodiversity Partnership and local residents to create a board to be erected explaining the geology

explaining the geology		
Assessment of Site Va	lue	
Geodiversity topic: Palae	ontology, sedimentology and lithostratigraphy.	
Access and Safety		
Aspect	Description	
Safety of access	Site is fenced in currently without any access gate. Site can be viewed from outside fence. A six-foot board explains the significance of the site.	
Safety of exposure	Exposure is steep and slightly unstable.	
Permission to visit	Site is in a new housing estate and is owned by the London Borough of Bexley.	of
Current condition	Considerable overgrowth has occurred, which helps to stabilise the slo small amount of exposure remains visible.	pe but a
Current conflicting activities	The need to protect the residents from the potentially unstable cliff face necessitated in a fence being erected around the site	e has
Restricting conditions	Difficult access.	
Nature of exposure	Site is the last relic of a large brickworks that covered the area now de housing. It is located on a steeply sloping bank and is fenced off.	voted to
Culture, Heritage & Econ	omic	
Aspect	Description	Rating
Historic, archaeological & literary associations	Brickearth has been used for brick making since Roman times. Few exposures now exist. The site was part of a large brickworks, now demolished. Considerable literature is published on the flint worked floor.	8
Aesthetic landscape	An interesting feature within a housing estate. The board has input from the residents and so there is a sense of ownership.	4
History of Earth Sciences	The last major exposure of Crayford Silt Formation.	5
Economic geology	Former brickworks and pit.	4
GeoScientific Merit		
Geomorphology	None.	0
Sedimentology	The deposit is banked up against a steep bedrock slope and consists of fine sand and silt.	4
Palaeontology	Crayford brickearth has long been famous for mammalian and molluscan remains as well as Palaeolithic implements.	4
Igneous/mineral/ Metamorphic Geology	None.	0
Structural Geology	None.	0
Lithostratigraphy	Rare site for brickearth.	6
Potential use	Education and research.	
Fragility	Natural overgrowth and slumping	
Current Site Value		
Community	Site passed by on a daily basis.	7
Education	High value. Details of the 6-foot board can be seen on LGP website: www.londongeopartnership.org.uk/informationboardsandleaflets/#erith	5
Geodiversity value		
RIGS: An interesting and	rare exposure.	6
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