

Geological Sights! London & the Southeast

Harrow and Hillingdon
Geological Society

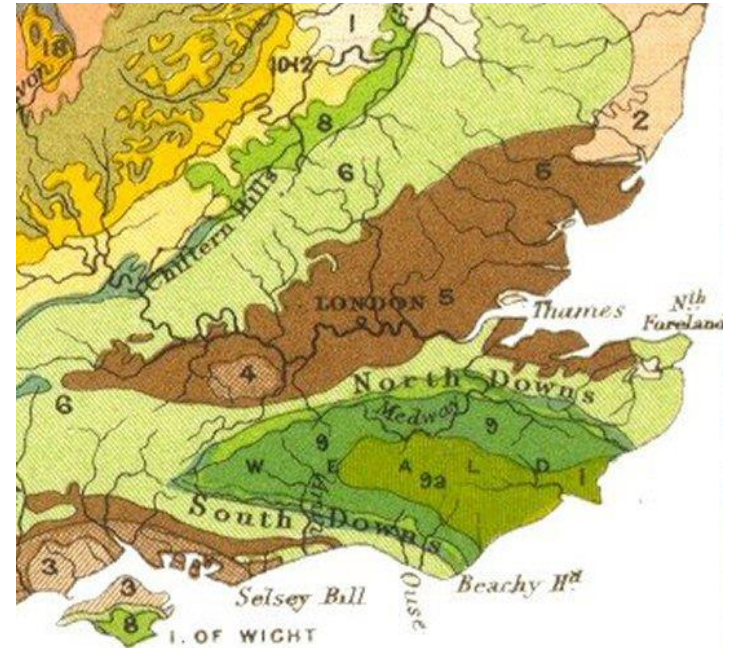


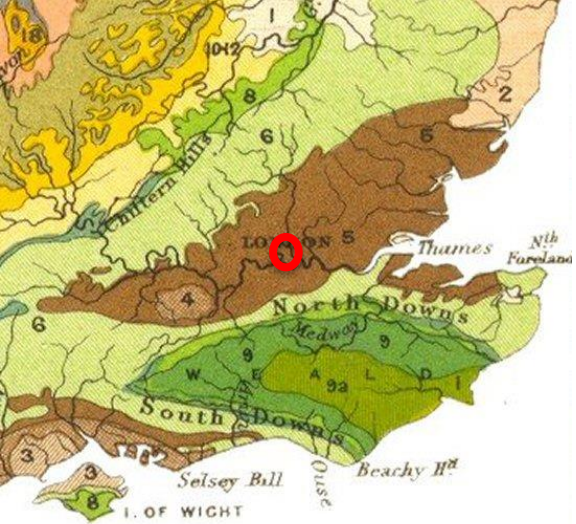
 @GeolAssoc

 Geologists' Association

www.geologistsassociation.org.uk

London & the Southeast





Section shows Chalk-Paleogene unconformity

Working with the London Geodiversity Partnership, Harrow and Hillingdon Geological Society is involved in the preservation of site [GLA 34](#) Harefield Pit SSSI

Harefield Pit Site of Special Scientific Interest 2020



1975



2020



1985



HHGS maintenance at Harefield Pit SSSI

Upper Chalk with flints



Pinner Chalk Mine 2001

London
Geodiversity
Partnership
[site GLA 29](#)

Pit in Lambeth Group
(Paleogene) sands & gravels



The Gravel Pits, Northwood, Hillingdon, 2011



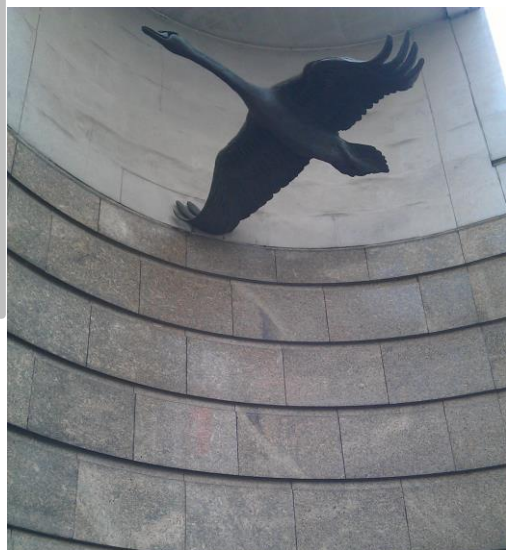
Family tomb of Isambard
Kingdom Brunel



Kensal Green Cemetery 2008



Looking for London's lost rivers 2018



London Building Stone Walks 2016



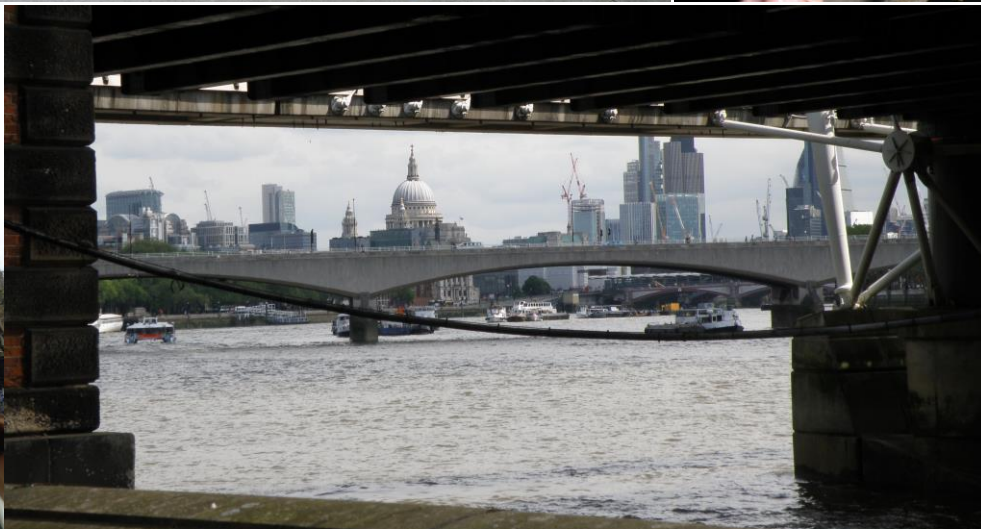
Memorial to Sir Joseph Bazalgette (engineer of London's sewer system). Made from Carrara Marble from the Alpi Apuane of Tuscany

Victoria Embankment 2016

black gabbro



charnockite



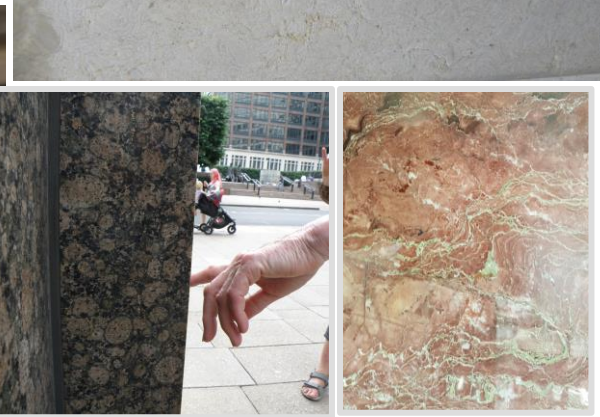
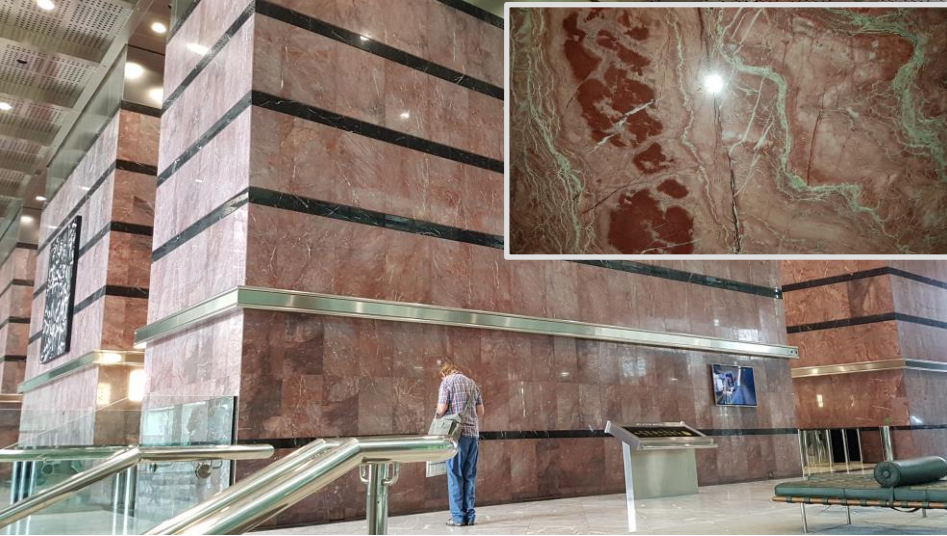
Victoria Embankment 2016



Westminster Cathedral 2017



Canary Wharf in the Docklands – building stones walk 2017



Canary Wharf in the Docklands – building stones walk 2017



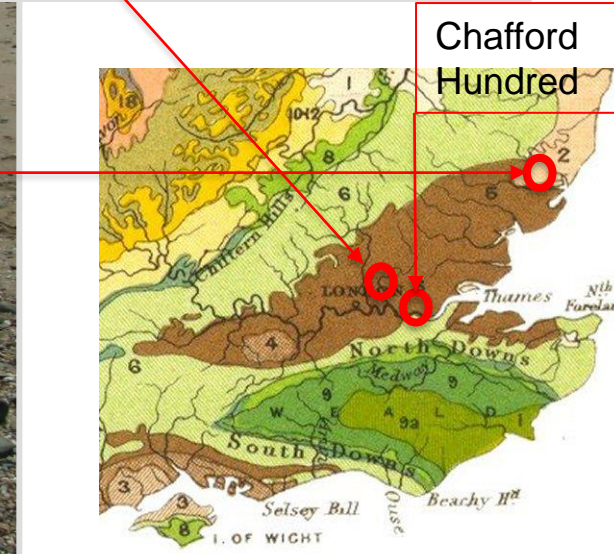
Gilbert's Pit, Charlton, in the Royal Borough of Greenwich, is a geological Site of Special Scientific Interest. LGP Site GLA14.

Formerly known as Charlton Sand Pit it has an almost complete sequence of sediments for the London basin.

Gilbert's Pit SSSI, Charlton 2017



Gilbert's Pit SSSI, Charlton 2017



Walton on the Naze, Essex, 2008



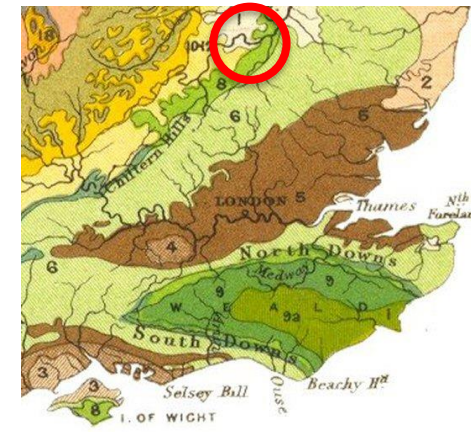
Chafford Hundred, Essex, 2011



Kensworth Chalk Quarry, Dunstable, 2009

Mundays Hill Pit,
Leighton Buzzard

Quest Pit, Stewartby



Bedfordshire Quarries

Quest Pit, Oxford Clay



Metriorhynchus excavation, Stewartby, Beds. 1992

Mundays Hill Pit,
Lower Greensand,
Leighton Buzzard



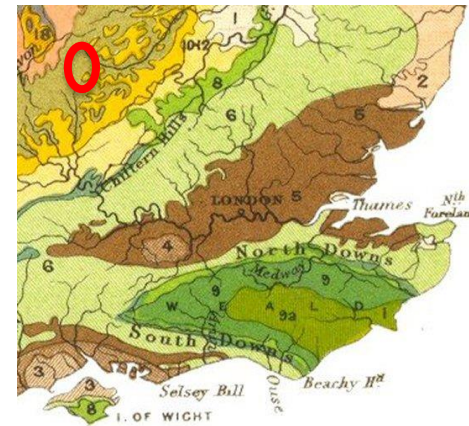
Mundays Hill Pit



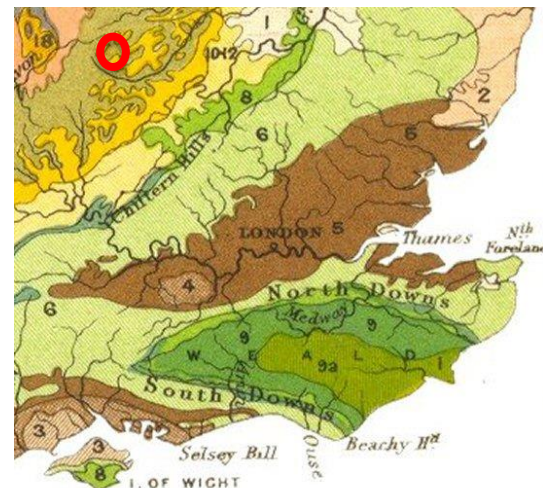
Leighton Buzzard, Bedfordshire 2009



Anglian fluvioglacial deposits



Buckingham Sand Pit, Buckinghamshire 2013



Steneosaurus Excavation, Bletchley Pit, Buckinghamshire 1990

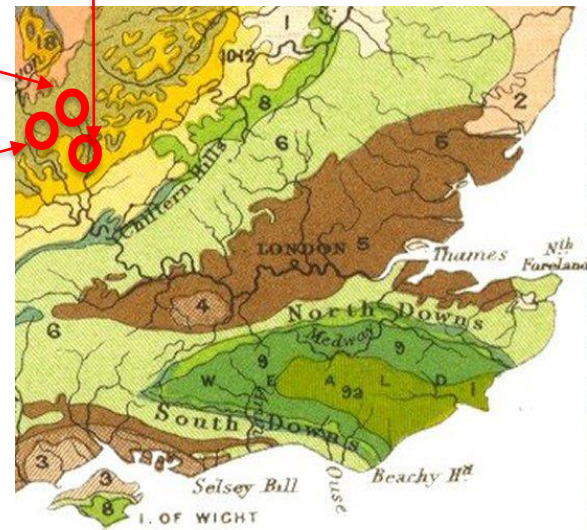


Kirtlington
Oxford
Canal

Cassington Pit

Shipton-
on-
Cherwell
Quarry

Oxford University
Museum of Natural
History



Oxfordshire



[Read about these Dinosaur Footprints](#)



Oxford University Museum of Natural History 2018



Jurassic Great Oolite Group
Limestone



Shipton-on-Cherwell Quarry, Kidlington, Oxfordshire 1992



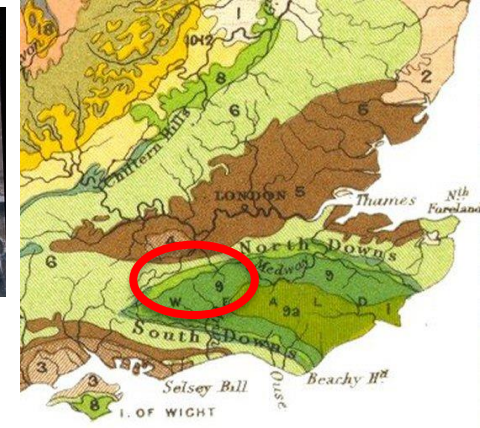
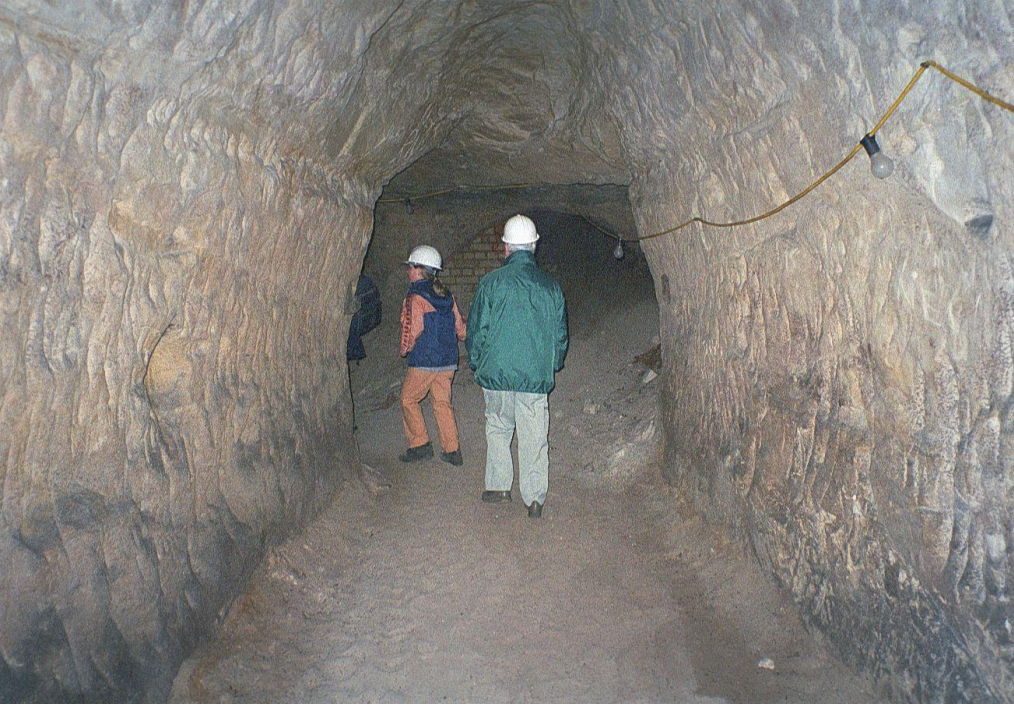
Upper Pleistocene gravels
resting on Oxford Clay



Ichthyosaur vertebrae



Cassington Pit, Oxfordshire 1994



Folkestone Formation, Lower Greensand,
Lower Cretaceous



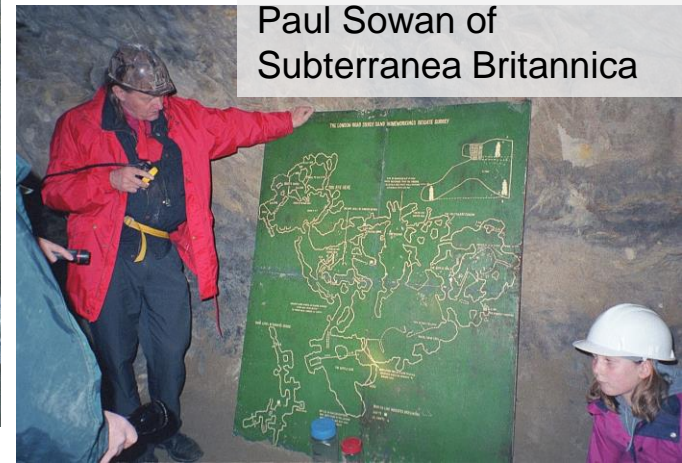
Baron's Cave, Sand Mine, Reigate, Surrey, 2002



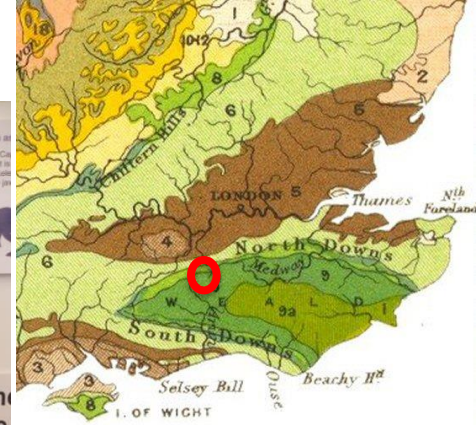
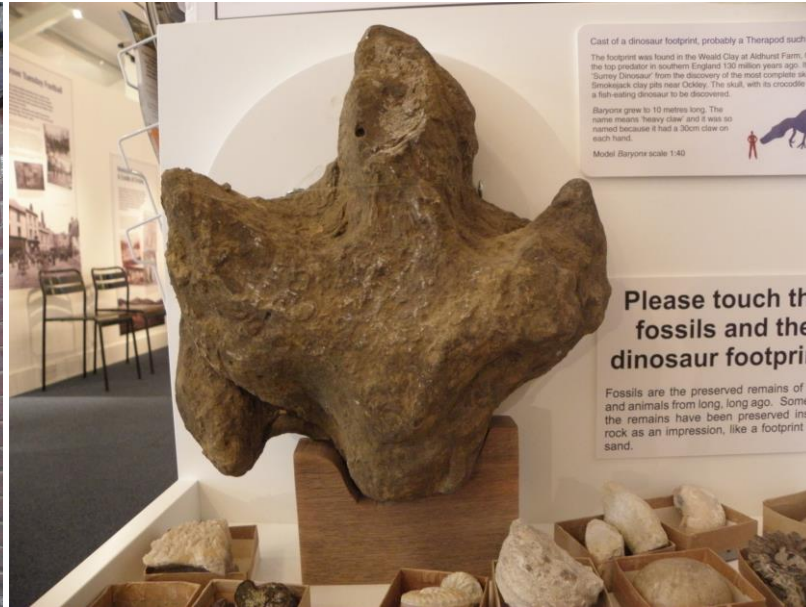
'firestone' & 'hearthstone'
Upper Greensand
(Lower Cretaceous)



Godstone Mine, Surrey 2002



London Road Sand Mine, Reigate, Surrey 2002



Dinosaur footprint from Weald Clay, Smokestacks Brick Pit, Ockley, Surrey

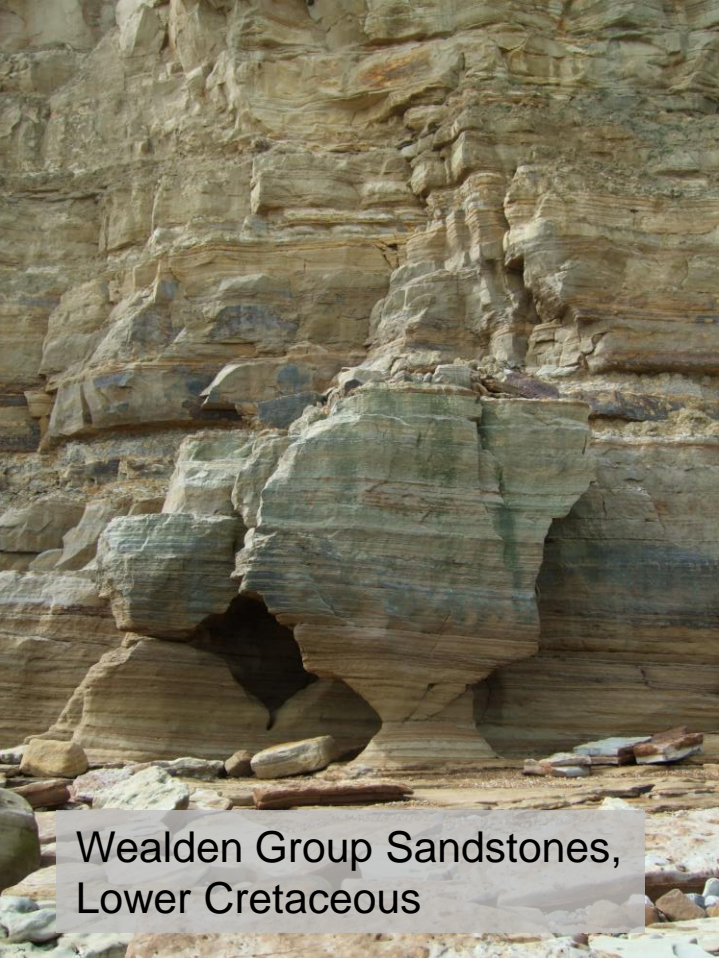
Lower Greensand

Dorking, Surrey 2014

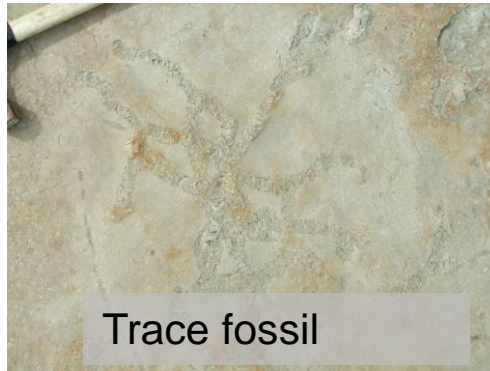
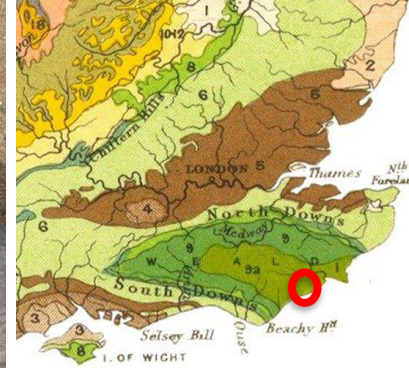


Squared-off knapped flint facing

St Martin's Church (19th C), Dorking, Surrey 2014



Wealden Group Sandstones,
Lower Cretaceous



Trace fossil



Dinosaur footprint

Cliff End, Hastings 2008

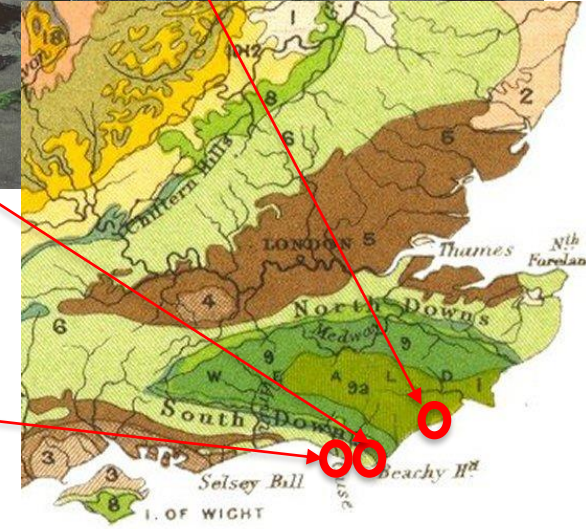
Beachy Head



Fairlight Cove, Hastings



Wealden Group clays



Sussex coast, 2018

Seven Sisters Chalk cliffs



Solution pipe



Hope Gap

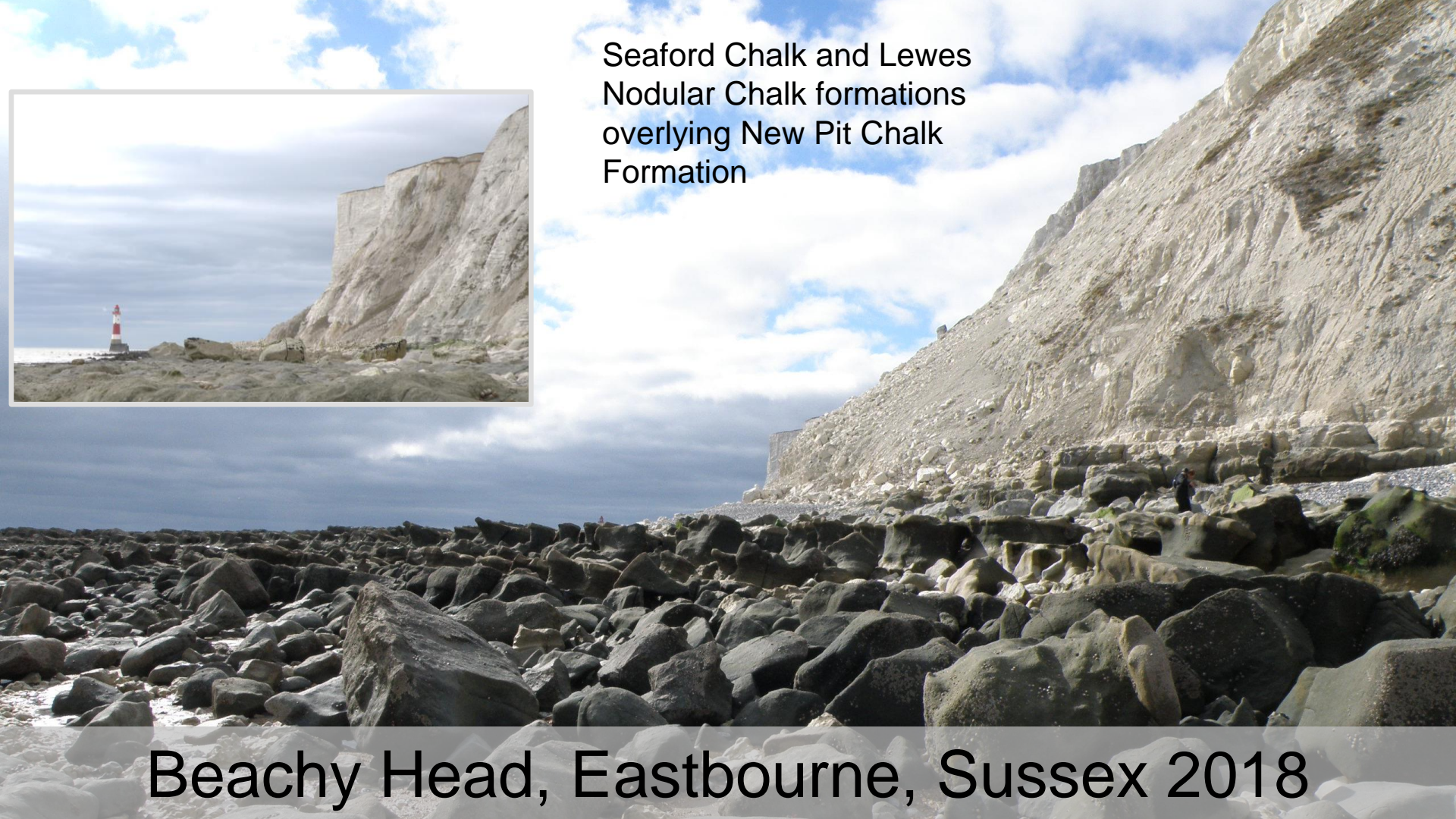


Birlinging Gap

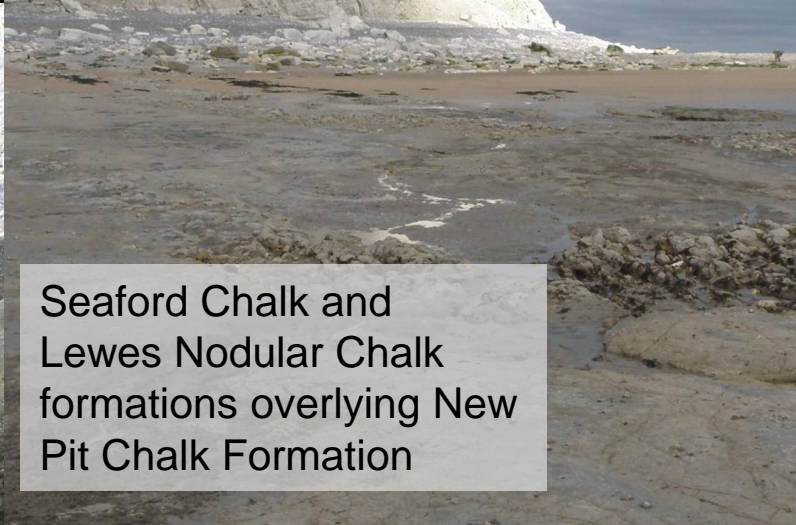


Seaford, Sussex 2018

Seaford Chalk and Lewes
Nodular Chalk formations
overlying New Pit Chalk
Formation



Beachy Head, Eastbourne, Sussex 2018



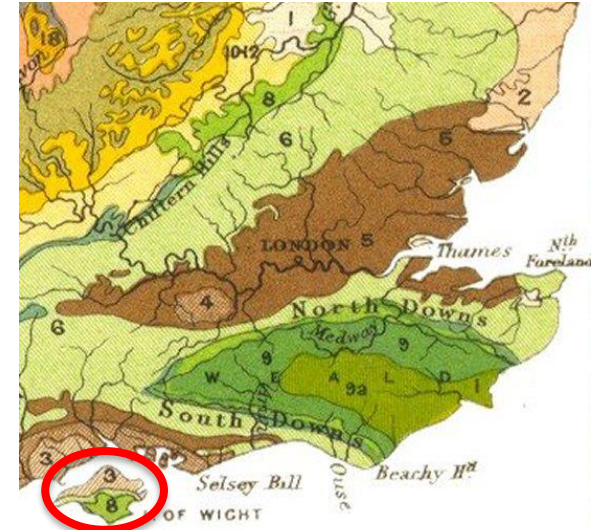
Seaford Chalk and
Lewes Nodular Chalk
formations overlying New
Pit Chalk Formation



Beachy Head, Eastbourne, Sussex 2018



Alum Bay, London Clay to
Headon Hill Formation.
Coloured sands mainly of
Bracklesham Group,
Cenozoic.



Alum Bay, Isle of Wight 2011

Gore Cliff, Upper Greensand



St Catherine's Hill



Isle of Wight 1998

Whitecliff Bay,
Palaeogene sands



Near Hanover Point, Clays & sandstones
of Wessex formation, Wealden Group.

Isle of Wight 2011



Colwell Bay, clays and sands of the Solent Group, Palaeogene



Iguanodon footprint cast, Brighstone Bay, between Hanover Point and Brook Chine



Isle of Wight 2011