

REPRODUCED FROM THE ORDNANCE SURVEY MAP WITH THE PERMISSION OF THE CONTROLLER OF HER MAJESTY'S STATIONARY OFFICE, CROWN COPYRIGHT, LICENCE NUMBER AL100012293



INDEX AND EXPLANATION

- Aquifers in which intergranular flow is significant
 - Highly productive aquifers (not extensive)
 - p Permian at Thornhill
 - d₁ Upper Old Red Sandstone in Fife
 - Locally important aquifers
 - q^e Recent: Blown sand
 - a Quaternary sands and gravels
 - p Permian in North West Grampian
 - Aquifers in which flow is dominantly in fissures and other discontinuities
 - Highly productive aquifers (not extensive)
 - p Permian
 - h₁ Carboniferous: Dinantian and Namurian
 - d₁ Upper Old Red Sandstone
 - Locally important aquifers
 - t+p Triassic and Permian
 - h₂ Carboniferous: Westphalian
 - d₂₊₃ Lower and Middle Old Red Sandstone
 - Concealed aquifers, aquifers of limited potential, regions without significant groundwater
 - Concealed aquifers; aquifers with limited or local potential
 - q Quaternary: coastal and river alluvium
 - J Jurassic
 - p Permian at Stranraer
 - cb+pr Cambro-Ordovician and Precambrian Limestones
 - Regions underlain by impermeable rocks, generally without groundwater except at shallow depth
 - s+o Silurian and Ordovician
 - pr Precambrian
 - v Extrusive rocks
 - G Intrusive rocks
- Surface water features**
- Perennial river or stream
 - Perennial river or stream in which the chloride ion concentration is known to exceed 1000 mg/l under low flow conditions
 - Stream gauging station with mean annual runoff in m³/s, over catchment area in km²
 - Hydrometric area boundary
 - Freshwater loch, reservoir or standing water
 - Loch or standing water in which the chloride ion concentration is known to exceed 1000 mg/l
- Artificial works**
- Impounding reservoir with design yield ≥ 10 MI/d (figures in MI/d)
 - Canal
 - Hydroelectric station
- Geological symbols**
- Geological boundary
 - Geological boundary beneath cover
 - Fault
 - Contours on the surface of the Old Red Sandstone in m relative to O.D.

NOTES

 PLANNING APPLICATION BOUNDARY

PLEASE REFER TO DRAWING REF. 405-0155-00008_1006-LEA_12.3_0 405-MM FOR SCALE DRAWING

0	OCT 06	GR	
Revision	Issue Date	Issue By	Comments



Site: BISHOPTON RO FACTORY
 Project: LANDFILL ENVIRONMENTAL ASSESSMENT

Drawing: **Extract of Hydrogeological Plan**

Date: OCTOBER 2006
 Scale: NTS
 Drawing No.: 12.3

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