



Key:

- APPROXIMATE BOUNDARY OF THE SITE
- ALLUVIUM
- FLUVIO-GLACIAL GRAVEL
- GLACIAL TILL
- COAL MEASURES

- ETRURIA FORMATION
VARIEGATED MARLS WITH LENTICULAR ASPLEY GRITS 60-200
- UPPER SULPHUR COAL
TWO FOOT COAL
- BROOCH COAL
- FLYING REED COAL
- THICK COAL
- HEATHEN COAL
- RUBBLE COAL
- VANDERBECKE (STINKING) MARINE BAND
- STINKING COAL

UPPER SULPHUR COAL (B3)
 MAINLY MUDSTONES WITH SUBORDINATE SANDSTONES. BELIEVED TO THicken CONSIDERABLY BETWEEN HIGHFIELDS AND SPRING VALE HORIZON OF AEGIRIUM (CHARLES) MARINE BAND BELIEVED TO OVERLIE TWO FOOT COAL BUT NOT KNOWN TO BE PRESENT IN THIS AREA
TWO FOOT COAL (B7)

SANDY MUDSTONES: BELIEVED TO THicken CONSIDERABLY BETWEEN HIGHFIELDS AND SPRING VALE: ONE THIN COAL (12.5)

BROOCH COAL GOOD QUALITY UNPARTED 1.1 TO 1.2
 MALTBY (SUB-BROOCH) MARINE BAND: NOT PROVED IN THIS AREA BUT BELIEVED TO BE PRESENT BENEATH THE BROOCH COAL
 MAINLY SANDY MUDSTONES (13.5 TO C46)

FLYING REED COAL GOOD QUALITY, GENERALLY UNPARTED. 0.7 TO 1.2

THICK CLAY SEAT EARTH, RESTING UPON SANDY MUDSTONES AND SANDSTONES 16.5 TO 53
 BOREHOLES NEAR BILSTON SHOW THE SANDSTONES TO HAVE RAPID LATERAL THICKNESS VARIATIONS

THICK COAL SANDSTONE 6.0 TO 9.2

UPPER THICK COAL 2.7 to 3.7
 HOB AND JACK: MUDSTONES ALSO SANDSTONE EAST OF ROUGH HILLS UP TO 6.9
LOWER THICK COAL 3.0 TO 4.8
 SEATEARTH FIRECLAY 0 TO 4.6
 GUBBIN OR LITTLE GUBBIN IRONSTONE MEASURE 0.6 TO 1.2
 TABLE BAY: BLACK SHALE 0.9 TO 1.7
 MUDSTONES AND SANDY MUDSTONES INCLUDING HEATHEN COOL IRONSTONE 2.7 TO 7.3

HEATHEN COAL: GOOD QUALITY UNPARTED 0.5 TO 1.2
 SEATEARTH FIRECLAY 0 TO 2.0
 MUDSTONES AND SILTSTONES WITH SANDSTONE BANDS, BLACK SHALE AT BASE 3.0 TO 7.6

RUBBLE COAL (R) OFTEN PARTED AND JOR CANNELLY 0.6 TO 1.2
 SEATEARTH FIRECLAY 0 TO 0.3
 BILSTON ROCK: SANDSTONE, SILTSTONE AND SANDY MUDSTONE 2.7 TO 8.0
 MUDSTONE, ABSENT IN SOUTH, INCLUDES BINDS STONE IRONSTONE AT CHILLINGTON 0 TO 0.9
 NEW MINE IRONSTONE: 3 SIDERITE SEAMS IN VERY PALE GREY MUDSTONE 0.9 TO 2.7
 GREY MUDSTONE INCLUDING NODULAR PENNYSTONE IRONSTONE 4.6 TO 6.4
 VANDERBECKE (STINKING) MARINE BAND WITH LINGULA AT BASE

STINKING COAL PYRITOUS THIN BLACK SHALE PARTING BELOW CENTRE 0.6 TO 1.4
 SEATEARTH FIRE CLAY PASSING DOWN INTO SMOOTH GREY MUDSTONE 0 TO 5.5

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- Symbol Key:**
- Cable Percussion
 - Rotary Core
 - Rotary Open Hole
 - Trial Pits
 - British Geological Society
 - Water Sample
 - Cable Percussive & Rotary Core
- Investigation Key:**
- British Geological Survey
 - Johnson Poole & Bloomer 1981
 - Johnson Poole & Bloomer 1986
 - Ground Investigation & Piling 1992
 - Ground Investigation & Piling 1995A
 - Ground Investigation & Piling 1995B
 - Ground Investigation & Piling 1997
 - Wardell Armstrong 1997
 - Ground Investigation & Piling 1998
 - Ground Investigation & Piling 2000
 - Forkers 2004
 - Soil Mechanics 2004
 - Soil Mechanics 2004/5

Notes.
 PLAN BASED ON:
 BGS REPORT: A GEOLOGICAL BACKGROUND FOR PLANNING AND DEVELOPMENT IN THE BLACK COUNTRY, BGS TECHNICAL REPORT WA62/33
 BGS 1:10,000 SERIES PLAN: IS098NW (WOLVERHAMPTON) SOLID EDITION
 BGS 1:10,000 SERIES PLAN: S098NE (WILLENHALL AND DARLSTON) SOLID AND DRIFT EDITION

NO	DATE	AMENDMENTS DESCRIPTION	BY	CHK
11	15/04/09	INFORMATION ISSUE		

PROJECT:
BILSTON URBAN VILLAGE

TITLE:
GEOLOGY OF THE AREA (SOLID AND DRIFT)



Waterman Burrow Crocker
 In association with
Faulke Perry Culley & Rech

STRATFORD COURT CRANMORE BOULEVARD SHIRLEY SOLIHULL B90 4QT

Drawing Status:

INFORMATION

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