

Legend

- Site_boundary
- ⊕ BGS Borehole Locations

Notes.
Borehole locations as shown in BGS
Jmap viewer <http://mapapps.bgs.ac.uk/geologyofbritain/home.html>

Figure Title
**British Geological Survey
Borehole Locations**

Project Name
Ford Circular Technology Park

Project Number 1620007830	Figure No. -
Date January 2020	Prepared By BK
Scale 1:5,000 @A3	Issue -

Client
Ford Energy from Waste Limited



EA 1 SC Ref: - SU

90 SE/8

For Institute use only Licence No.

RECORD OF WELL

317

N. 14247

SU 90 SE/8
9928 0390

Form 1h
SU 90 SE/8

427

At Wicks Farm

Town or Village Yapton

County Sussex

Six-inch County Sheet SUSSEX 62 SE/E

Six-inch National Grid sheet and reference SU. 90 SE (9928.0390)

For

State whether owner, tenant, builder, contractor, consultant, etc.:—

Address (if different from above)

Level of ground surface above sea level (O.D.) +15 ft ft (..... m)

If well top is not at ground level, state how far above:* ft (..... m)
below:

SHAFT.....ft (..... m); diameter.....ft (..... m);

HEADINGS (please attach details—dimensions and directions)

BORE 25 ft (7.62 m); diameter: at top 8 in (203.2 mm); at bottom 8 in (203.2 mm)

Full details of permanent lining tubes (position, length, diameter, plain, slotted, etc.)

(4.11 m) 13' 6" x 4 1/2" (114.3 mm) plain pipe. Top 6" (0.30 m) BGL.
(3.50 m) 11' 6" x 4 1/2" (114.3 mm) slotted pipe.
3/8" gravel pack from 1' BGL (0.30 m) to bottom of borehole.

Water struck at depths of (1) 22' + (2) 25 ft ((1) 6.70 m + (2) 7.62 m) below well top

Rest level of water 13' 10" R (4.21 m) above* well top. Suction at.....ft (..... m)
below

Yield on..... hours* test pumping at.....galls (.....m³) per..... with
days'

depression to 14' 9" R (4.48 m) below well top. Recovery to rest level in..... mins*
hours

Capacity of pump.....g.p.h. (.....m³/h)

Date of measurements.....

DESCRIPTION OF PERMANENT PUMPING EQUIPMENT:

Make and/or type..... Motive power.....

Capacity.....galls (.....m³) per hour. Suction at.....ft (..... m)

below well top. Amount pumped.....galls (.....m³) per day. Estimated

consumption.....galls (.....m³) per week

Well made by Duke and Oekenden Date of sinking Aug 1976

ADDITIONAL NOTES ANALYSIS (please attach copy if available)

Received from Duke and Oekenden

Date 4.10.76

Observation well

Recorder.....

E.R. log

Site marked on

1" map 0

6" map 0

(use symbol)

Copy to

Date

LOG OF
STRATA
OVERLEAF

TEST
CONDITIONS

NORMAL
CONDITIONS

*DELETE
AS
NECESSARY

EXACT SITE
OF WELL.

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

N. 13594

RECORD OF WELL

332

112

SU90129

At No. 2 Hangar
Ford Aerodrome

Town or Village Ford

County SUSSEX

Six-inch County Sheet SUSSEX 62SE/E

Six-inch National Grid sheet and reference SU 996 032

For FRANCIS PARKER CONCRETE LTD.

State whether owner, tenant, builder, contractor, consultant, etc.:-

Address (if different from above)

Level of ground surface above sea level (O.D.) + c. 18 ft (m)

If well top is not at ground level, state how far above* below: ft (m)

SHAFT ft (m); diameter ft (m);

HEADINGS (please attach details—dimensions and directions)

BORE 10.0 ft (30.48 m); diameter: at top 10 in (254.0 mm); at bottom 10 in (254.0 mm)

Full details of permanent lining tubes (position, length, diameter, plain, slotted, etc.)

10 inch casing set at 2' B.G.L. to 77' 8" 40'
(254.0 mm) (0.60 m) (29.76 m) (12.19 m)

Water struck at depths of ft (m) below well top

Rest level of water 19 1/2 ft (5.87 m) above* below well top. Suction at ft (m)

Yield on 3,500 galls (4:41.98 l/s) per hr with depression to 22 1/3 ft (6.80 m) below well top. Recovery to rest level in mins* hours

Capacity of pump g.p.h. (m³/h)

Date of measurements

DESCRIPTION OF PERMANENT PUMPING EQUIPMENT:

Make and/or type Motive power

Capacity galls (m³) per hour. Suction at ft (m)

below well top. Amount pumped galls (m³) per day. Estimated

consumption galls (m³) per week

Well made by DUKE AND ACKENDEN Date of sinking 4/1/73 & 16/1/73

ADDITIONAL NOTES ANALYSIS (please attach copy if available)

Received from D + O Ltd.

Date 19/3/73

Observation well

Recorder

E.R. log

Site marked on

1" map 0

6" map 0

(use symbol)

Copy to DG EA & SE ENG

" SUSSEX RA & WAB

Date

EXACT SITE OF WELL

*DELETE AS NECESSARY

TEST CONDITIONS

NORMAL CONDITIONS

LOG OF STRATA OVERLEAF

332/112

SU 90 SE 118

FORD AERODROME NATURE OF STRATA

THICKNESS

(For Institute use only) GEOLOGICAL CLASSIFICATION

If measurements start below ground surface, state how far.

Feet	Inches	Metres	Feet	Inches
2'		0.60	2'	0.0
10'		3.04	12'	3.6
6'		1.82	18'	5.4
5'		1.52	23'	7.0
5'		1.52	28'	8.5
72'		21.94	100'	30.0

SU 996 032

MADE GROUND

Made up ground }
 Clay and gravel } 150
 sandy clay and gravel } manna sil.
 clay mud }
 chalk mud } rock
 Harder chalk, little flints }
 water from 70' (21.33)

HEAD.

UPPER CHALK.

P.P.

B.Y.

24473

D. Bank

SU 90 SE 37

9994 0349

Ford Airfield (north-east)

Block H

Surface level +3.4 m
Water struck at +1.4 m
September 1981

British Geological Survey

British Geological Survey
Waste
Bedrock

1.1 m
4.9 m+

LOG

Geological classification	Lithology	Thickness m	Depth m
	Soil	0.2	0.2
Raised Beach Deposits (younger)	Clay, silty, reddish brown, with angular to well rounded flint pebbles and some gastropod shell fragments	0.9	1.1
Upper Chalk	Chalk, rubbly, with matrix of olive silt and fine sand and some rounded flint pebbles to 5.5 m, greyish white, with nodular flints, below	4.9+	6.0

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

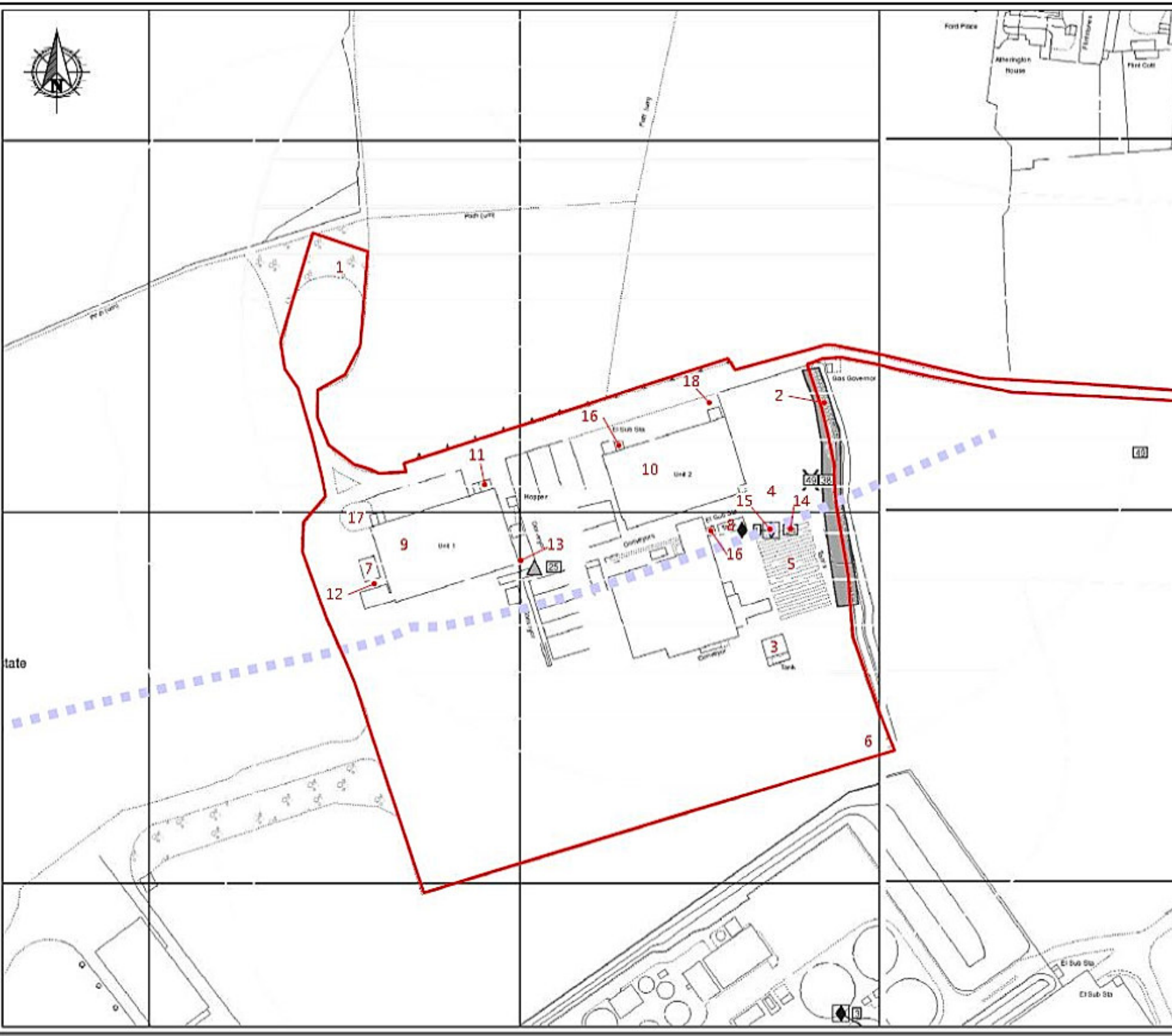
British Geological Survey

British Geological Survey

British Geological Survey

British Geological Survey

APPENDIX G HISTORICAL REPORT PLANS



Legend

- 1 Former RAF refuelling pumping station
- 2 Location of historical landfill
- 3 Former boiler house and associated former gas oil tank (60,000l)
- 4 Location of former slurry pit, aluminium store, hydrochloric acid store
- 5 Former autoclaves
- 6 Former pallet storage area and possible former RAF bunker
- 7 Former boiler house and associated gas oil tank (40,000l)
- 8 Aerated block plant formerly containing soluble oil, mould oil storage vessels, and oil store, PFA silo and anhydrite silo
- 9 Hangar 1
- 10 Hangar 2
- 11 Former oil stores
- 12 AST (2,500l)
- 13 Former location of AST gas oil (2,500l)
- 14 Location of abstraction point
- 15 Location of discharge point
- 16 Sub-stations
- 17 Location of asbestos sheeting
- 18 Manhole covers possibly indicating presence of interceptor or UST


- Site boundary
- - - Historical route of Arundel Canal

Notes
 Crown Copyright. All Rights reserved. License No 100022432.

Client	Grundon Waste Management			
Project	Former Tarmac Topblock, Ford, Arundel, West Sussex			
Title	Site Layout Plan			
Created by	ECS	Requested by	SW	
Drawn by	SW	Reviewed by	SW	
Date	19/09/12			
File No.	519532	Project No.	12514190632	
Scale	1:1,000	Status	Report Issue	
Drawing No.	3		Rev	-



Key

-  Boreholes Location (BH)
(BH101 - BH109, BH2, BH6, BH8)
-  Borehole Installation (I)







Samuel House, 5 Fox Valley Way, Stocksbridge, Sheffield, S36 2AA

CLIENT:		Grundon Waste management Ltd
SCALE:	PROJECT REF:	CRM.049.009
NTS		
DRAWN:	CHECKED:	DATE:
NP	RH	Jan 2018
PROJECT:		
Arundel		
TITLE:		
Site Location Plan		
FIGURE NO:		CRM.049.009.GE.D.001



Key

-  Site Boundary
-  Total PH Location (TP) (TP1 - TP8)
-  Borehole Location (BH) (BH1 - BH8)
-  Borehole Installation (I)



STEP Business Centre, Watley Rd, Sheffield S26 2UH

CLIENT:		Grunden Waste Management Ltd
SCALE:	PROJECT REF:	1:1,000@A3 CRM.049.009
DRAWN:	CHECKED:	DATE:
MG	RH	Sept 2015
PROJECT:		
Ford Arundel		
TITLE:		
Site Location Plan		
FIGURE NO:		
CRM.049.009.GE.D.001		

APPENDIX H GROUNDWATER LEVEL MONITORING RECORDS

Groundwater Level Monitoring February 2018 to February 2020

