

THE HISTORY OF THE REDEVELOPMENT  
OF THE  
GRANDPONT GASWORKS SITE, OXFORD

This site which occupies 20.6 acres of land just south of, and bordering onto, the River Thames in central Oxford, was used for gas making from 1927 to 1964. Prior to 1927 records show that part of the site was used for gravel abstraction, and the remainder was marshy land. Gas making had been carried out on a site immediately to the north of the River previously, and it is assumed that the Grandpont site was infilled, over a period of time, with waste from the old Gasworks to "reclaim" the marshy land.

Following cessation of gas manufacture at Grandpont in 1964, Oxford City Council commenced purchase of the site, which was accomplished in three separate parcels by 1976, at a cost of £315000. Between 1966 and 1969 the land was cleared to ground level in a joint operation by the Gas Board and Contractors.

The site had been purchased with a view to redevelopment in part as housing, with the remainder being used by the County Council (after 1974) as a school with associated formal recreation area. A part of the site was to be retained as an informal recreation area and adventure playground. A fairly low priority was placed on the redevelopment at that time, whilst other greenfield sites were under active redevelopment. However, a working party for the housing area of the site was established, consisting of the City Architect and Planning Officer, City Engineer, Director of Housing and Estates, Chief Environmental Health Officer, and the City Treasurer.

In 1971 other developments in the area led to part of the site being considered in conjunction with a road improvement scheme. Accordingly a few samples were collected from the site, primarily for geotechnical assessment. Tests for sulphate content of the material were carried out, and revealed no abnormality.

*Grandpont file 47*

REPORT OF THE CITY ENGINEER, DIRECTOR OF HOUSING & ESTATES, CITY ARCHITECT  
AND PLANNING OFFICER, CITY TREASURER TO:

RECREATION & AMENITIES COMMITTEE -

4 JANUARY 1982

GRANDPONT RECREATION DEVELOPMENT

1. RECENT HISTORY AND PRESENT SITUATION

- 1.1 This report reviews the position on the Grandpont recreation development.
- 1.2 In 1975 Council approved a scheme for the conversion of part of the former gas works site at Grandpont to recreational, educational and housing uses. The approved design is shown on drawing number 2296/8654-B which will be displayed at the meeting.
- 1.3 Financial economics in 1975 prevented the full scheme going ahead immediately and the subsequent discovery of toxic materials on the site and its consequences for the possibility of housing has required a reappraisal of the way in which the land can be brought into public use for recreational purposes.
- 1.4 Some preliminary clearing works and filling and mounding to the redundant gas-holder pits has been carried out since 1975 under contract and a licensed free-tipping arrangement.
- 1.5 Clay removed from the trunk sewer has been spread over most of the polluted land with the exception of the County Council car park and the former housing site along the south bank of the river. It has been stockpiled nearby for use on these areas.

2. NEW PROPOSALS FOR RECREATION

- 2.1 A revised scheme shown on drawing number 2296/9989 has been drawn up in the light of the land pollution, the abandonment of the housing proposals and the declaration by County Council that the Middle School site is surplus to educational requirements.
- 2.2 Committee will note that this revised scheme broadly follows the original scheme approved in 1975. The adventure playground has already been moved away from the polluted ground and fenced. The pitch and putt course would be a replacement of the putting green originally envisaged. The County Council car park could, subject to agreement, be moved to a site alongside the gas board premises and operated on a joint user basis with people using the recreational facilities. The scheme may require some alteration of the parking arrangements at Hinksey Park to accommodate more cars because of increased use generated by the pitch and putt course and the loss of summer parking on Deans' Ham. Finally, the site previously intended for housing is now proposed as park land, reflecting recently landscaped open space on the north bank of the river. The scheme would still allow a Middle School to be provided in the long term without any abortive work should the need ever arise.

## Oxfordshire WRA Database Extract

**SiteName:** GRANDPONT, OXFORD

**District:** OXFORD CITY

**GridRef:** SP 509053

**Status:** CLOSED

**Landowner:** OXFORD CITY C. & OCC

**Operator:** UNKNOWN

**WasteCategories:** D

**Licence:** NO LICENCE ISSUED

**Monitoring:** NO METHANE DETECTED IN SPIKING TESTS. NO  
ROUTINE MONITORING UNDERTAKEN

**General:** FORMER LOCATION OF OXFORD GAS WORKS  
FROM WHICH THE MAJORITY OF THE WASTE  
ORIGINATED. OPERATIONAL PRE-1977

**FileNumber:** 13.6.5005/W~~1553~~15476

**Geology:** GRAVEL OVER OXFORD CLAY

### **Waste Categories**

**A:** Inert materials (soil, brick, concrete, glass, clay, sand etc.)

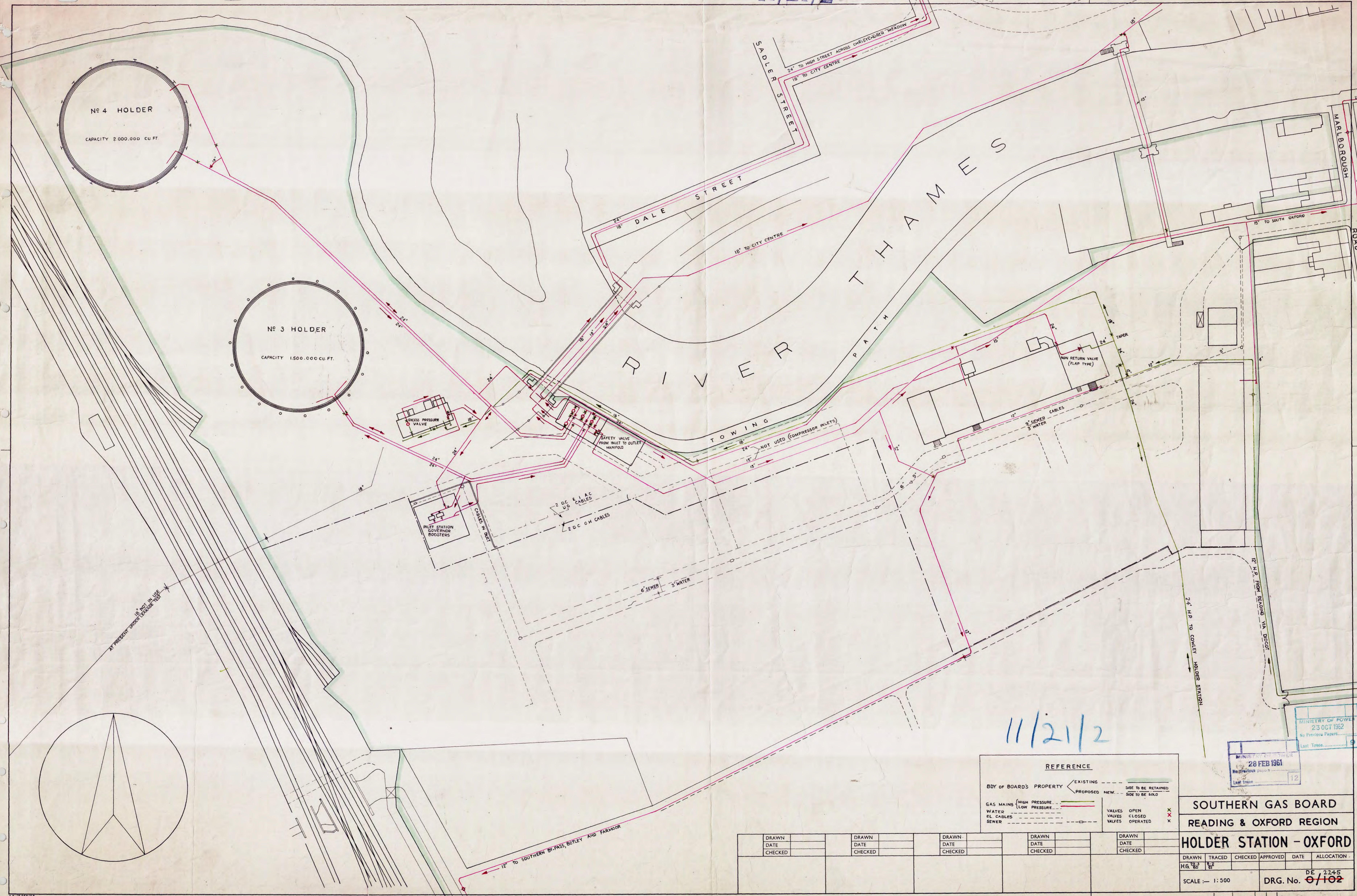
**B:** Semi-inert materials (wood, paper, cardboard, plasterboard, plastic, etc.)

**C:** Biodegradable wastes (food, sewage sludge, household, garden etc.)

**D:** Difficult wastes (e.g. tyres, sludges)

**E:** Special wastes (hazardous chemical wastes, asbestos)

11/21/2



11/21/2

**REFERENCE**

|                           |          |          |     |                     |                 |
|---------------------------|----------|----------|-----|---------------------|-----------------|
| BOY OF BOARD'S PROPERTY   | EXISTING | PROPOSED | NEW | SIDE TO BE RETAINED | SIDE TO BE SOLD |
| GAS MAINS (HIGH PRESSURE) | ---      | ---      | --- | ---                 | ---             |
| GAS MAINS (LOW PRESSURE)  | ---      | ---      | --- | ---                 | ---             |
| WATER                     | ---      | ---      | --- | ---                 | ---             |
| EL CABLES                 | ---      | ---      | --- | ---                 | ---             |
| SEWER                     | ---      | ---      | --- | ---                 | ---             |
| VALVES OPEN               | X        |          |     |                     |                 |
| VALVES CLOSED             |          | X        |     |                     |                 |
| VALVES OPERATED           |          |          | X   |                     |                 |

| DRAWN | DATE | CHECKED | DRAWN | DATE | CHECKED | DRAWN | DATE | CHECKED | DRAWN | DATE | CHECKED |
|-------|------|---------|-------|------|---------|-------|------|---------|-------|------|---------|
|       |      |         |       |      |         |       |      |         |       |      |         |

MINISTRY OF POWER  
23 OCT 1962  
No Previous Papers

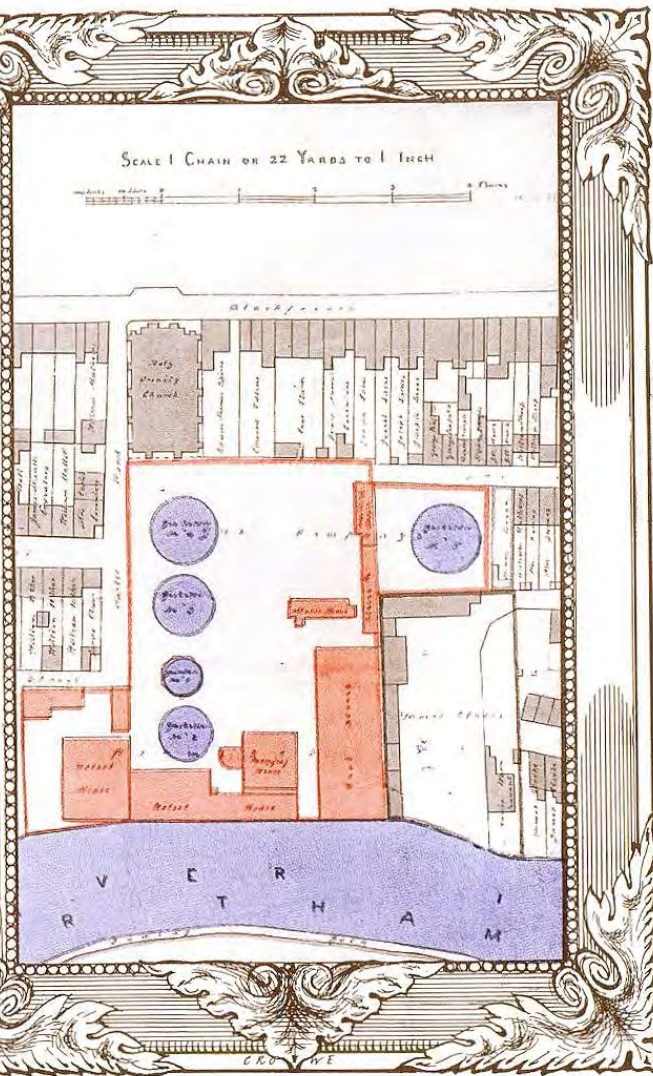
MINISTRY OF POWER  
28 FEB 1961  
12

**SOUTHERN GAS BOARD**  
**READING & OXFORD REGION**  
**HOLDER STATION - OXFORD**

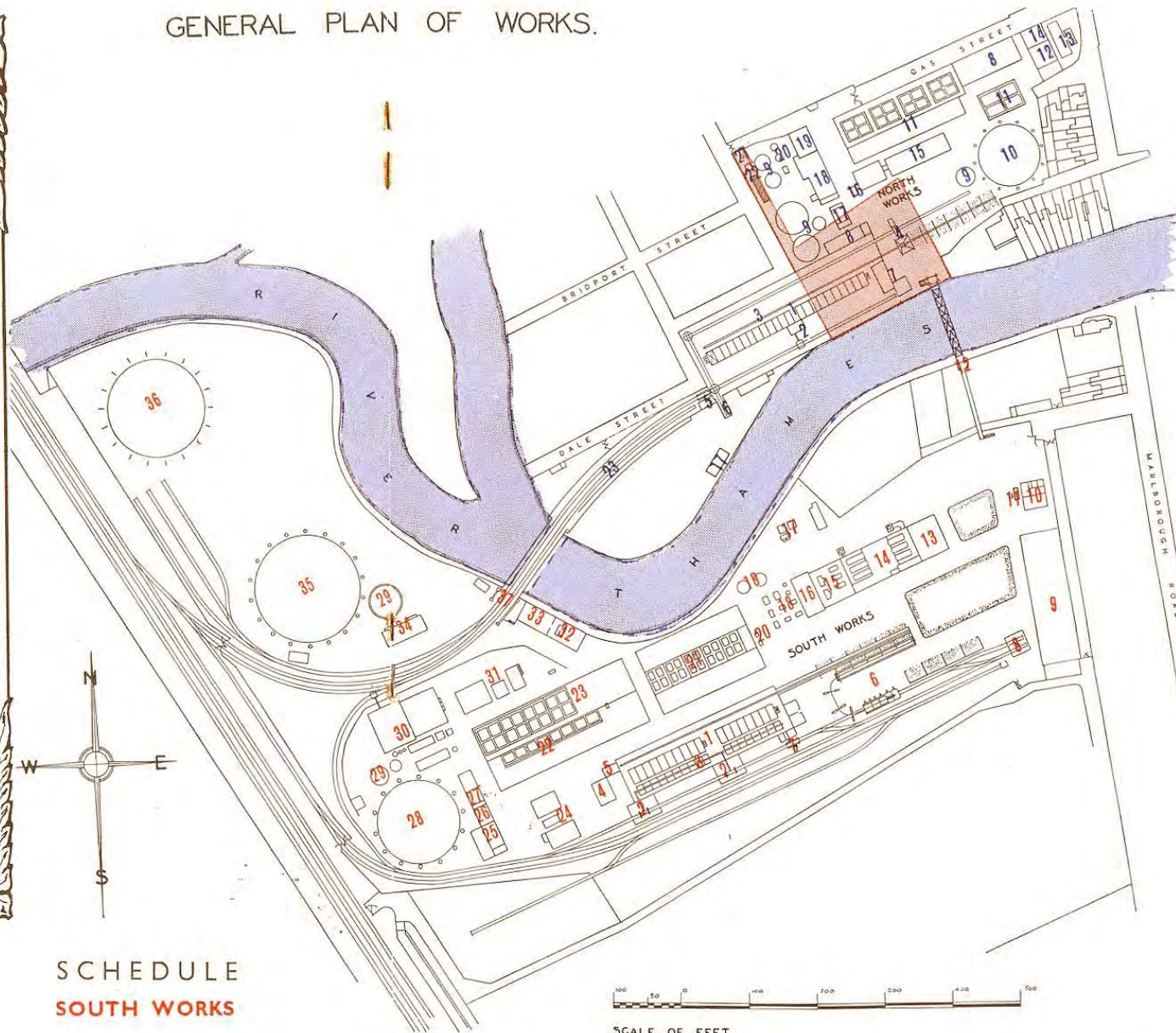
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TRACED: RB  
CHECKED: BT  
APPROVED: DE  
DATE: 22.4.5  
ALLOCATION: 0/102

SCALE: 1:500  
DRG. No. 0/102

SO/OX/OF/E/E/3



# GENERAL PLAN OF WORKS.



# SCHEDULE

## NORTH WORKS

- No.
- 1 Horizontal Retorts—22 settings.
  - 2 Coal handling plant.
  - 3 Coke haulage system.
  - 4 Coke handling and screening plant.
  - 5 Weighbridge—road.
  - 6 Locomotive building.
  - 7 Workshops.
  - 8 Stores.
  - 9 Tar and liquor tanks.
  - 10 No. 1 Gasholder.
  - 11 Purifiers.
  - 12 Meter house.
  - 13 Sports and clubhouse.
  - 14 Calorimeter room.
  - 15 General offices.
  - 16 Weighbridge—rail.
  - 17 Garages.
  - 18 Boiler house.
  - 19 Exhauster house.
  - 20 Washers and scrubbers.
  - 21 Detarrer.
  - 22 Condensers.
  - 23 Viaduct—Gas under.

## SCHEDULE SOUTH WORKS

- |   |   |  |   |
|---|---|--|---|
| <p>No.</p> <ol style="list-style-type: none"> <li>1 Horizontal retorts—18 settings.</li> <li>2 Wagon tippers and coal elevators.</li> <li>3 Push plate conveyer and overhead hoppers.</li> <li>4 Garage.</li> <li>5 Coke haulage gear.</li> <li>6 Coke handling and screening plant.</li> <li>7 Weighbridge—rail.</li> <li>8 Locomotive building.</li> <li>9 Workshops and stores.</li> </ol> | <p>No.</p> <ol style="list-style-type: none"> <li>10 Rectifier building.</li> <li>11 Weighbridge—road.</li> <li>12 Footbridge.</li> <li>13 No. 2 compressor house.</li> <li>14 Boiler house.</li> <li>15 Power and exhauster house.</li> <li>16 Pumphouse.</li> <li>17 Pumps and filters.</li> <li>18 Detarrer, washers and scrubbers.</li> <li>19 Tar and liquor tanks.</li> </ol> | <p>No.</p> <ol style="list-style-type: none"> <li>20 Condensers.</li> <li>21 Purifiers—No. 1 coal gas.</li> <li>22 Purifiers—No. 2 coal gas.</li> <li>23 Purifiers—C.W.G.</li> <li>24 Ammonia liquor concentration plant.</li> <li>25 Concrete blockmaking plant.</li> <li>26 Carpenters shop.</li> <li>27 Laboratory.</li> <li>28 No. 2 Gasholder—C.W.G. relief.</li> </ol> | <p>No.</p> <ol style="list-style-type: none"> <li>29 Oil storage tank.</li> <li>30 C.W.G. plant and ancillaries.</li> <li>31 Benzole plant.</li> <li>32 Meter house.</li> <li>33 Governor house.</li> <li>34 No. 1 compressor house.</li> <li>35 No. 3 Gasholder.</li> <li>36 No. 4 Gasholder.</li> <li>37 Railway bridge.</li> </ol> |
|---|---|--|---|

1818 — 1869 — 1948

ABOVE is reproduced a plan of the Works in 1869. On the right are the Works in 1948 with the site of the original Works shaded red.

## **Appendix F      Exploratory Hole Records**

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW42 — OXFORD RELIEF ROAD SCHEME D47  
450740,205590  
20.12m.

Page 1


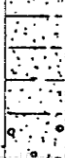

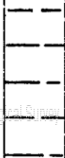
1/2 SP 50 NW/42 5074.0559 1:236

## BOREHOLE LOG

WM. COULSON LTD.,

Work for... *Oxford City Council* Location... *Scheme D*  
B.H. No. *B 47* Type of boring... *Shell and Auger*  
Date(s)... *2.3.12.09* Dia. of boring... *0.20 m*  
Ground Level... *56.77* Lining tubes... *to 7.62 m*  
Scale... *50:1*

C185

| Description of Strata                                    | Reduced Level | Legend  | Thickness | Depth | SAMPLES  |       | NOTES   |   |      |        |        |      |      |
|--|---------------|---|-----------|-------|--|-------|---|---|------|--------|--------|------|------|
|  |               |   |           |       | Type   | Depth |   |   |      |        |        |      |      |
| FILL - ash, brick clay.                                  | 53.4          |   | 3.35      | 3.35  | B { C  | 0.76  | N=15  |   |      |        |        |      |      |
|  |               |   |           |       | B { C  | 1.22  |   |   |      |        |        |      |      |
|  |               |   |           |       | B { C  | 1.52  |   |   |      |        |        |      |      |
|  |               |   |           |       | B { C  | 1.98  |   |   |      |        |        |      |      |
|  |               |   |           |       | B { C  | 2.13  |   |   |      |        |        |      |      |
|  |               |   |           |       | B { C  | 2.59  |   |   |      |        |        |      |      |
|  |               |   |           |       | B { C  | 3.05  |   |   |      |        |        |      |      |
|  |               |   |           |       | B { C  | 3.20  |   |   |      |        |        |      |      |
|  |               |   |           |       | B { C  | 3.51  |   |   |      |        |        |      |      |
|  |               |   |           |       | Soft yellow brown sandy CLAY becoming medium SAND and fine and medium GRAVEL.                                  | 53.4  |   |  | 2.45 | 3.35   | (17) B | 3.96 | N=16 |
| B  | 4.57          |   |           |       |  |       |   |   |      |        |        |      |      |
| J  | 4.88          |   |           |       |  |       |   |   |      |        |        |      |      |
| (18) B { C   | 5.34          |   |           |       |  |       |   |   |      |        |        |      |      |
| B { C  | 5.49          |   |           |       |  |       |   |   |      |        |        |      |      |
| B { C  | 5.79          |   |           |       |  |       |   |   |      |        |        |      |      |
| B  | 6.10          |   |           |       |  |       |   |   |      |        |        |      |      |
| J  | 6.71          |   |           |       |  |       |   |   |      |        |        |      |      |
| B  | 7.32          |   |           |       |  |       |   |   |      |        |        |      |      |
| Medium yellow brown blowing SAND and fine medium GRAVEL. | 49.46         |  | 1.51      | 5.80  |  |       | (89) B  |   |      |        | 7.62   | N=16 |      |
|  |               |   |           |       | B  | 8.08  |   |   |      |        |        |      |      |
|  |               |   |           |       | B  | 8.23  |   |   |      |        |        |      |      |
|  |               |   |           |       | B  | 8.84  |   |   |      |        |        |      |      |
|  |               |   |           |       | B  | 9.14  |   |   |      |        |        |      |      |
|  |               |   |           |       | (92) B   | 9.60  |   |   |      |        |        |      |      |
|  |               |   |           |       | B  | 9.75  |   |   |      |        |        |      |      |
|  |               |   |           |       | OXFORD CLAY.<br>Stiff becoming hard bluish grey calcareous, shaly clay with selenite iron pyrites and fossils. | 49.46 |  | 12.81   | 7.31 | (89) B | 7.62   |      | N=16 |
|  |               |   |           |       |  |       |   |   |      | B      | 8.08   |      |      |
|  |               |   |           |       | Borehole Continued   |       |   |   |      |        |        |      |      |

ABBREVIATIONS

REMARKS:-

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW42 — OXFORD RELIEF ROAD SCHEME D47  
450740,205590  
20.12m.

Continued

$\frac{1}{2}$                       SP 50 NW/42                      5074. 0559  
 WM. COULSON LTD.,  
**BOREHOLE LOG**

Work for... Oxford City Council.                      Location... Scheme 'D'  
 B.H. No... B 47                      Type of boring... Shell and Auger  
 Date(s)... 2, 3 - 12 - 69                      Dia. of boring... 0.20 m.  
 Ground Level.....                      Lining tubes... to 7.62 m.  
 Scale 50:1                      C185

| Description of Strata  | Reduced Level | Legend | Thickness | Depth | SAMPLES |       | NOTES |
|--|---------------|--------|-----------|-------|---------|-------|-------|
|  |               |        |           |       | Type    | Depth |       |
| <p><b>OXFORD CLAY.</b><br/>Stiff becoming hard<br/>bluish grey calcareous,<br/>shaly clay with selenite<br/>iron pyrites and fossils</p> |               |        |           |       |         | 10.36 |       |
|  |               |        |           |       |         | 10.67 |       |
|  |               |        |           |       | (101)   | 11.12 |       |
|  |               |        |           |       | B       | 11.27 |       |
|  |               |        |           |       | B       | 11.73 |       |
|  |               |        |           |       |         | 12.19 |       |
|  |               |        |           |       | (97)    | 12.65 |       |
|  |               |        |           |       | B       | 12.81 |       |
|  |               |        |           | 12.81 | B       | 13.26 |       |
|  |               |        |           |       | J       | 13.72 |       |
|  |               |        |           |       | (106)   | 14.18 |       |
|  |               |        |           |       | B       | 14.33 |       |
|  |               |        |           |       | B       | 14.94 |       |
|  |               |        |           |       |         | 15.24 |       |
|  |               |        |           |       | (84)    | 15.70 |       |
|  |               |        |           |       | B       | 15.85 |       |
|  |               |        |           |       | B       | 16.46 |       |
|  |               |        |           |       | J       | 16.76 |       |
|  |               |        |           |       | (90)    | 17.22 |       |
|  |               |        |           |       | B       | 17.51 |       |
|  |               |        |           | J     | 17.83   |       |       |
|  |               |        |           | J     | 17.98   |       |       |
|  |               |        |           |       | 18.29   |       |       |
|  |               |        |           | (98)  | 18.75   |       |       |
|  |               |        |           | B     | 18.90   |       |       |
|  |               |        |           | B     | 19.35   |       |       |
|  |               |        |           |       | 19.66   |       |       |
|  |               |        |           |       | 20.12   |       |       |
| <b>Borehole Completed</b>  |               |        |           | 36.7  | 20.12   | 20.12 |       |

**ABBREVIATIONS**  
Samples: J = Jar

U4. No. of

S S.P.T.

CORE % Recovery

REMARKS:- Water level:-  
1st. encountered 5.33 m.  
p.m. 7.32 m.



# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW43 — OXFORD RELIEF ROAD SCHEME D48  
450790, 205590  
15.24m.

Page 1

SP 50 NW / 43 5079.0559 1:236

WM. COULSON LTD.,

## BOREHOLE LOG

Work for Oxford City Council Location Scheme D  
B.H. No. B 48 Type of boring Shell and Auger  
Date(s) 4.5-11-70 Dia. of boring 0.20 m  
Ground Level 56.80 Lining tubes to 7.62 m  
Scale 50:1 C185

| Description of Strata  | Reduced Level | Legend                | Thickness | Depth | SAMPLES |       | NOTES |
|--|---------------|-----------------------|-----------|-------|---------|-------|-------|
|  |               |                       |           |       | Type    | Depth |       |
| FILL — ash, brick, soil, clay.   | 54.2          | [Cross-hatch pattern] | 2.58      | 2.58  | B { C   | 0.76  | N=13  |
|  |               |                       |           |       | J       | 1.22  |       |
| Soft brown organic silty CLAY.   | 53.4          | [X pattern]           | 0.78      | 3.36  | (15) J  | 1.87  | N=12  |
|  |               |                       |           |       | B { C   | 2.13  |       |
| Medium yellow blowing SAND and fine and medium GRAVEL  | 49.3          | [Dotted pattern]      | 4.10      | 7.46  | B { C   | 2.59  | N=14  |
|  |               |                       |           |       | J       | 3.05  |       |
| OXFORD CLAY.<br>Stiff becoming hard bluish grey calcareous, shaly clay with selenite iron pyrites and fossils. |               | [Horizontal lines]    | 7.78      |       | J       | 3.20  |       |
|  |               |                       |           |       | J       | 3.35  |       |
| Borehole continued.  |               | [Horizontal lines]    |           |       | B { C   | 3.81  |       |
|  |               |                       |           |       | J       | 4.11  |       |
|  |               | [Dotted pattern]      |           |       | B { C   | 4.57  |       |
|  |               |                       |           |       | J       | 5.03  |       |
|  |               | [Dotted pattern]      |           |       | B { C   | 5.49  |       |
|  |               |                       |           |       | J       | 6.10  |       |
|  |               | [Dotted pattern]      |           |       | J       | 6.40  |       |
|  |               |                       |           |       | J       | 7.01  |       |
|  |               | [Dotted pattern]      |           |       | B { C   | 7.47  |       |
|  |               |                       |           |       | J       | 7.62  |       |
|  |               | [Horizontal lines]    |           |       | (84) J  | 8.08  |       |
|  |               |                       |           |       | J       | 8.23  |       |
|  |               | [Horizontal lines]    |           |       | B { C   | 8.88  |       |
|  |               |                       |           |       | J       | 8.94  |       |
|  |               | [Horizontal lines]    |           |       | (82) J  | 9.14  |       |
|  |               |                       |           |       | J       | 9.60  |       |
|  |               | [Horizontal lines]    |           |       | B       | 9.75  |       |
|  |               |                       |           |       |         |       |       |

ABBREVIATIONS

Examples: J = Jar U4. No. of S S.P.T. CORE

REMARKS:-

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW43 — OXFORD RELIEF ROAD SCHEME D48  
450790, 205590  
15.24m.

Continued

2/2

SP 50 NW/43 5079. 0559

WM. COULSON LTD.,

## BOREHOLE LOG

Work for... Oxford City Council Location... Scheme 'D'  
 B.H. No. B 48 Type of boring Shell and Auger  
 Date(s) 4.5-11-70 Dia. of boring 0.20 m  
 Ground Level ..... Lining tubes to 7.62 m  
 Scale 50:1 Ft. to one inch C185

| Description of Strata  | Reduced Level | Legend | Thickness | Depth | SAMPLES |       | NOTES |       |  |
|--|---------------|--------|-----------|-------|---------|-------|-------|-------|--|
|  |               |        |           |       | Type    | Depth |       |       |  |
| OXFORD CLAY.<br>Stiff becoming hard<br>bluish grey calcareous,<br>shaly clay with selenite,<br>iron pyrites and fossils. |               |        | 7.78      |       |         | 10.36 |       |       |  |
|  |               |        |           |       |         |       | 10.66 |       |  |
|  |               |        |           |       |         | (97)  |       |       |  |
|  |               |        |           |       |         | B     |       |       |  |
|  |               |        |           |       |         |       |       | 11.27 |  |
|  |               |        |           |       |         |       |       | 11.88 |  |
|  |               |        |           |       |         |       |       | 12.20 |  |
|  |               |        |           |       |         | (103) |       | 12.66 |  |
|  |               |        |           |       |         |       |       | 12.81 |  |
|  |               |        |           |       |         | B     |       | 13.26 |  |
| Borehole completed.  |               |        |           |       |         | 13.72 |       |       |  |
|  |               |        |           |       | (98)    |       |       |       |  |
|  |               |        |           |       | B       |       |       |       |  |
|  |               |        |           |       |         |       | 14.78 |       |  |
|  |               |        |           |       |         | 15.24 |       |       |  |
|  |               |        |           |       |         | 15.24 |       |       |  |

Water level:-  
1st. day.  
1st. encountered 3.35m.  
p.m. 3.35m  
2nd. day.  
Standing at 3.35m.

ABBREVIATIONS

SPT

REMARKS:-

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW44 — OXFORD RELIEF ROAD SCHEME D49  
450830, 205600  
20.12m.






Page 1

*1/2* SP 50 NW / 44 5083.0560 11236




WM. COULSON LTD.,

## BOREHOLE LOG

Work for... *Oxford City Council* Location... *Scheme 'D'*  
B.H. No. *B 49* Type of boring *Shell and Auger*  
Date(s) *5, 6-12-69* Dia. of boring *0.20 m*  
Ground Level *55.99* Lining tubes *to 7.62 m*  
Scale *50:1* C185

| Description of Strata  | Reduced Level | Legend  | Thickness | Depth | SAMPLES   |              | NOTES |   |       |      |      |      |      |
|--|---------------|---|-----------|-------|---|--------------|-------|---|-------|------|------|------|------|
|  |               |   |           |       | Type  | Depth        |       |   |       |      |      |      |      |
| FILL — ash, clay, brick, soil.                               |               |    | 2.99      |       | B   | 0.76         | N=17  |   |       |      |      |      |      |
|  |               |   |           |       | J   | 1.22         |       |   |       |      |      |      |      |
|  |               |   |           |       | J   | 1.37         |       |   |       |      |      |      |      |
|  |               |   |           |       | B   | 1.52         |       |   |       |      |      |      |      |
|  |               |   |           |       | B   | 1.99         |       | N=17  |       |      |      |      |      |
|  |               |   |           |       | J   | 2.13         |       |   |       |      |      |      |      |
|  |               |   |           |       | B   | 2.59         |       | N=9   |       |      |      |      |      |
|  |               |   |           |       | J   | 3.05         |       |   |       |      |      |      |      |
|  |               |   |           |       | Soft brown organic silty CLAY   | 53.0<br>52.8 |       |  | 0.21  | 3.20 | B    | 3.35 | N=19 |
|  |               |   |           |       |   |              |       |   |       |      | J    | 3.81 |      |
| Medium yellow brown blowing SAND and fine and medium GRAVEL. |               |  | 4.11      |       | B   | 3.96         |       |   |       |      |      |      |      |
|  |               |   |           |       | J   | 4.27         |       |   |       |      |      |      |      |
|  |               |   |           |       | B   | 4.88         |       |   |       |      |      |      |      |
|  |               |   |           |       | B   | 5.03         |       |   |       |      |      |      |      |
|  |               |   |           |       | B   | 5.79         |       |   |       |      |      |      |      |
|  |               |   |           |       | B   | 6.10         |       |   |       |      |      |      |      |
|  |               |   |           |       | B   | 6.71         |       |   |       |      |      |      |      |
|  |               |   |           |       | J   | 7.01         |       |   |       |      |      |      |      |
|  |               |   |           |       | OXFORD CLAY.<br>Stiff becoming hard<br>bluish grey calcareous,<br>shaly clay with selenite,<br>iron pyrites and fossils | 48.7         |       |  | 12.81 |      | (84) | 7.62 |      |
|  |               |   |           |       |   |              |       |   |       |      | B    | 8.08 |      |
| B  | 8.23          |   |           |       |   |              |       |   |       |      |      |      |      |
| B  | 8.54          |   |           |       |   |              |       |   |       |      |      |      |      |
| J  | 9.30          |   |           |       |   |              |       |   |       |      |      |      |      |
| Borehole Continued.  |               |  |           |       | (90)  | 9.61         |       |   |       |      |      |      |      |
|  |               |   |           |       | B   | 9.76         |       |   |       |      |      |      |      |

ABBREVIATIONS

Samples: J = Jar  U4. No. of  S.P.T.  CORE

REMARKS:-

## BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW44 — OXFORD RELIEF ROAD SCHEME D49  
450830, 205600  
20.12m.

Continued

2/2      SP 50 NW/44      5083.0560

WM. COULSON LTD.,

### BOREHOLE LOG

Work for Oxford City Council      Location Scheme D  
 B.H. No. B 49      Type of boring Shell and Auger  
 Date(s) 5, 6-12-69      Dia. of boring 0.20 m.  
 Ground Level      Lining tubes to 7.62 m.  
 Scale 50:1      C185

| Description of Strata | Reduced Level | Legend | Thickness | Depth | SAMPLES |       | NOTES |
|-----------------------|---------------|--------|-----------|-------|---------|-------|-------|
|                       |               |        |           |       | Type    | Depth |       |
|                       |               |        |           |       |         | 10.37 |       |
|                       |               |        |           |       |         | 10.67 |       |
|                       |               |        |           |       | (89)    | 11.13 |       |
|                       |               |        |           |       |         | 11.28 |       |
|                       |               |        |           |       | B       | 11.89 |       |
|                       |               |        |           |       |         | 12.19 |       |
|                       |               |        |           |       | (92)    | 12.65 |       |
|                       |               |        |           |       |         | 13.11 |       |
|                       |               |        |           |       | B       | 13.57 |       |
|                       |               |        |           |       |         | 13.72 |       |
|                       |               |        |           | 12.81 | (101)   | 14.18 |       |
|                       |               |        |           |       |         | 14.33 |       |
|                       |               |        |           |       | B       | 14.94 |       |
|                       |               |        |           |       |         | 15.24 |       |
|                       |               |        |           |       | (98)    | 15.70 |       |
|                       |               |        |           |       |         | 16.15 |       |
|                       |               |        |           |       | B       | 16.61 |       |
|                       |               |        |           |       |         | 16.76 |       |
|                       |               |        |           |       | (103)   | 17.22 |       |
|                       |               |        |           |       |         | 17.37 |       |
|                       |               |        |           |       | B       | 17.98 |       |
|                       |               |        |           |       |         | 18.29 |       |
|                       |               |        |           |       | (110)   | 18.75 |       |
|                       |               |        |           |       |         | 18.90 |       |
|                       |               |        |           |       | B       | 19.51 |       |
|                       |               |        |           |       |         | 19.66 |       |
|                       |               |        |           | 20.12 | (112)   | 20.12 |       |
| Borehole Completed.   |               |        |           |       |         |       |       |

*OXFORD CLAY .  
Stiff becoming hard  
bluish grey calcareous,  
shaly clay with selenite,  
iron pyrites and  
fossils.*

ABBREVIATIONS  
 Samples:  Jar  U4. No. of  S.P.T.  CORE

REMARKS:- Water level :-  
1st day.  
1st encountered 3.20m

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW45 — OXFORD RELIEF ROAD SCHEME D50  
450850, 205660  
13.72m.

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*1/2 SP 50 NW/45 5085.0566 1:236*

WM. COULSON LTD.,

## BOREHOLE LOG

Work for... *Oxford City Council* Location... *Scheme D*  
 B.H. No... *B 50* Type of boring... *Shell and Auger*  
 Date(s)... *18 & 19 - 11 - 69* Dia. of boring... *0.20 m.*  
 Ground Level... *55.57* Lining tubes... *to 5.18 m.*  
 Scale... *50:1* C185

| Description of Strata  | Reduced Level | Legend | Thickness | Depth | SAMPLES |       | NOTES |
|--|---------------|--------|-----------|-------|---------|-------|-------|
|  |               |        |           |       | Type    | Depth |       |
| <b>TOPSOIL</b>   |               |        | 0.53      | 0.53  | J       | 0.61  |       |
| Soft brown sandy CLAY becoming loose yellow SAND and fine and medium GRAVEL.                                   |               |        | 1.30      | 1.30  | (14) B  | 0.76  |       |
|  |               |        |           |       |         | 0.91  |       |
|  |               |        |           |       | C       | 1.22  | N=9   |
|  |               |        |           |       |         | 1.52  |       |
| Medium yellow blowing SAND and fine and medium GRAVEL.   | 50.7          |        | 3.05      | 4.88  | W       | 1.83  | N=22  |
|  |               |        |           |       | B       | 2.28  |       |
|  |               |        |           |       |         | 2.44  |       |
|  |               |        |           |       | B       | 3.05  |       |
|  |               |        |           |       |         | 3.66  |       |
|  |               |        |           |       | B       | 4.27  |       |
| OXFORD CLAY.<br>Stiff becoming hard bluish grey calcareous, shaly clay with selenite, iron pyrites and fossils |               |        | 8.84      | 8.84  | J       | 4.88  |       |
|  |               |        |           |       |         | 5.38  |       |
|  |               |        |           |       | (87)    | 5.79  |       |
|  |               |        |           |       | B       | 6.10  |       |
|  |               |        |           |       |         | 6.71  |       |
|  |               |        |           |       |         | 6.86  |       |
|  |               |        |           |       | (96)    | 7.32  |       |
|  |               |        |           |       | J       | 7.62  |       |
|  |               |        |           |       |         | 8.38  |       |
|  |               |        |           |       | (95)    | 8.84  |       |
| B  | 9.15          |        |           |       |         |       |       |
|  | 9.45          |        |           |       |         |       |       |
|  | 9.91          |        |           |       |         |       |       |

*Borehole Continued.*

**ABBREVIATIONS**

Samples: J = Jar U4. No. of blows to take S S.P.T. CORE % Recovery  
 W = Water

REMARKS:-

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW45 — OXFORD RELIEF ROAD SCHEME D50  
450850, 205660  
13.72m.

Continued

3/2

SP 50 NW/45 5085.0566

WM. COULSON LTD.,

## BOREHOLE LOG

Work for *Oxford City Council* Location *Scheme D*  
 B.H. No. *B50* Type of boring *Shell and Auger*  
 Date(s) *18 & 19 - 11 - 67* Dia. of boring *0.20 m*  
 Ground Level..... Lining tubes *to 5.18 m*  
 Scale *50:1* C185

| Description of Strata  | Reduced Level              | Legend | Thickness   | Depth        | SAMPLES      |              | NOTES |
|--|----------------------------|--------|-------------|--------------|--------------|--------------|-------|
|  |                            |        |             |              | Type         | Depth        |       |
| <i>OXFORD CLAY</i><br><i>Stiff becoming hard bluish grey calcareous, shaly clay with selenite, iron pyrites and fossils.</i> |                            |        | <i>8.84</i> |              | <i>97</i>    | <i>10.36</i> |       |
|  |                            |        |             | <i>J</i>     | <i>10.67</i> |              |       |
|  |                            |        |             | <i>10.97</i> |              |              |       |
|  |                            |        |             | <i>96</i>    | <i>11.43</i> |              |       |
|  |                            |        |             | <i>11.89</i> |              |              |       |
|  |                            |        |             | <i>12.20</i> |              |              |       |
|  |                            |        |             | <i>B</i>     | <i>12.81</i> |              |       |
|  |                            |        |             | <i>13.26</i> |              |              |       |
|  |                            |        |             | <i>100</i>   | <i>13.72</i> |              |       |
|  | <i>Borehole Completed.</i> |        |             |              |              |              |       |

ABBREVIATIONS

REMARKS:-

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW46 — OXFORD RELIEF ROAD SCHEME D51  
450810, 205670  
18.29m.

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*SP 50 NW/46 5081.9567 1:236*

WM. COULSON LTD.,

## BOREHOLE LOG

Work for... *Oxford City Council* Location... *Scheme D*  
 Plot No... *B51* Type of boring... *Shell and Auger*  
 Date/s... *20, 21 & 22 - 11 - 69* Dia. of boring... *0.20 m*  
 Ground level... *55.88* Lining tubes... to *5.18 m*  
 Scale *50:1*

C185

| Description of Strata  | Reduced Level | Length/Thickness | Depth | SAMPLES<br>Type   | Depth       | NOTES       |
|--|---------------|------------------|-------|---|-------------|-------------|
| <i>FILL - ash, clay, brick, gravel.</i>  |               | <i>3.51</i>      |       | J   | 0.61        | <i>N=12</i> |
|  |               |                  |       |   | 0.76        |             |
|  |               |                  |       | C   | 0.91        |             |
|  |               |                  |       | B   | 1.22        |             |
|  |               |                  |       |   | 1.52        |             |
|  |               |                  |       |   | 1.67        |             |
|  |               |                  |       | JW  | 1.83        |             |
|  |               |                  |       | C   | 2.13        |             |
|  |               |                  |       |   | 2.44        |             |
|  |               |                  |       | J   | 2.74        |             |
|  |               |                  |       | C   | 2.89        |             |
|  |               |                  |       | <i>Medium yellow blowing SAND and fine and medium GRAVEL.</i> | <i>52.4</i> |             |
|  | 3.40          |                  |       |   |             |             |
| C  | 3.66          |                  |       |   |             |             |
| B  | 3.96          |                  |       |   |             |             |
| <i>OXFORD CLAY. Stiff becoming hard bluish grey calcareous, shaly clay with selenite iron pyrites and fossils.</i> | <i>51.0</i>   | <i>13.42</i>     |       | B   | 4.27        |             |
|  |               |                  |       |   | 4.88        |             |
|  |               |                  |       | J   | 5.03        |             |
|  |               |                  |       |   | 5.33        |             |
|  |               |                  |       | (84)  | 5.79        |             |
|  |               |                  |       | B   | 6.10        |             |
|  |               |                  |       |   | 6.71        |             |
|  |               |                  |       |   | 6.86        |             |
|  |               |                  |       | (90)  | 7.32        |             |
|  |               |                  |       | B   | 7.62        |             |
| <i>Bore hole Continued</i>   |               |                  |       |   | 8.23        |             |
|  |               |                  |       |   | 8.38        |             |
|  |               |                  |       | (92)  | 8.84        |             |
|  |               |                  |       | B   | 9.15        |             |
|  | 9.76          |                  |       |   |             |             |
|  | 9.91          |                  |       |   |             |             |

ABBREVIATIONS

S.P.T. CORE

REMARKS:-

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW46 — OXFORD RELIEF ROAD SCHEME D51  
450810, 205670  
18.29m.

Continued

SP 50 NW/46 5081.0567

WM. COULSON LTD.,

## BOREHOLE LOG

Work for *Oxford City Council* Location *Scheme D*  
R.H. No. *B 51* Type of boring *Shell and Auger*  
Date(s) *20, 21 & 22 - 11 - 69* Dia. of boring *0.20 m*  
Ground level ..... Lining tubes *to 5.18 m*  
Scale *50:1*

CIBS

| Description of Strata  | Reduced level | Legend | Thickness | Depth | SAMPLES |       | NOTES  |
|--|---------------|--------|-----------|-------|---------|-------|--|
|  |               |        |           |       | Type    | Depth |  |
| <i>OXFORD CLAY.<br/>Stiff becoming hard<br/>bluish grey calcareous,<br/>shaly clay with selenite,<br/>iron pyrites and fossils</i> |               |        |           |       | (84)    | 10.37 |  |
|  |               |        |           |       |         | 10.67 |  |
|  |               |        |           |       | B       | 11.28 |  |
|  |               |        |           |       |         | 11.43 |  |
|  |               |        |           |       | (91)    | 11.89 |  |
|  |               |        |           |       |         | 12.20 |  |
|  |               |        |           |       | B       | 12.81 |  |
|  |               |        |           |       |         | 12.95 |  |
|  |               |        |           | 13.42 | (97)    | 13.41 |  |
|  |               |        |           |       |         | 13.72 |  |
|  |               |        |           |       | B       | 14.33 |  |
|  |               |        |           |       |         | 14.48 |  |
|  |               |        |           |       | (100)   | 14.94 |  |
|  |               |        |           |       |         | 15.24 |  |
|  |               |        |           |       | B       | 15.81 |  |
|  |               |        |           |       | 16.00   |       |  |
|  |               |        |           | (98)  | 16.46   |       |  |
|  |               |        |           |       | 16.76   |       |  |
|  |               |        |           | B     | 17.37   |       |  |
|  |               |        |           |       | 17.53   |       |  |
|  |               |        |           | (93)  | 17.98   |       |  |
|  |               |        |           | B     | 18.29   |       |  |
| <i>Borehole Completed.</i>   |               |        |           | 18.29 |         |       | <i>Water level:-<br/>1st. day.<br/>1st. encountered 1.83m.<br/>p.m. 0.92 m.<br/>2nd. day.<br/>a.m. 0.92 m.<br/>p.m. nil.</i> |

ABBREVIATIONS

1/4 No. of

S

S.P.T.

CORE

REMARKS:-



# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW47 — OXFORD RELIEF ROAD SCHEME D52  
450770, 205650  
13.72m.

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*1/2 - SP 50 NW/47 5077.0565 1:236*

WM. COULSON LTD.,

## BOREHOLE LOG

Work for Oxford City Council Location Scheme D  
 B.H. No. B.52 Type of boring Shell and Auger  
 Date(s) 22-11-69 Dia. of boring 0.20 m  
 Ground Level 55.56 Lining tubes to 5.49 m  
 Scale 50:1

C185

| Description of Strata  | Reduced Level | Legend | Thickness | Depth | SAMPLES |  | NOTES |
|--|---------------|--------|-----------|-------|---------|--|-------|
|  |               |        |           |       | Type    | Depth  |       |
| TOPSOIL  |               |        | 0.25      | 0.25  | J       | 0.25<br>0.41   |       |
| Soft grey silty CLAY<br>with fine gravel.  |               |        | 1.58      |       | B       | 0.76<br>1.06<br>1.22<br>1.37                         | N=4   |
|  |               |        |           |       |         | 1.67   |       |
| Dense yellow SAND<br>and fine and medium<br>GRAVEL.  | 53.8          |        | 0.76      | 1.83  | B       | JW C<br>1.83<br>2.13<br>2.28                         | N=42  |
|  |               |        |           |       |         | 2.59   |       |
| Medium yellow blowing<br>SAND and fine and<br>medium GRAVEL.   |               |        | 2.43      |       | B       | 2.59<br>2.74<br>3.05                                 | N=27  |
|  |               |        |           |       |         | 3.66<br>3.96   |       |
| OXFORD CLAY.<br>Stiff becoming hard<br>bluish grey calcareous,<br>shaly clay with selenite,<br>iron pyrites and fossils. | 50.6          |        | 8.70      | 5.02  | J       | 4.57<br>4.86<br>5.01<br>5.16<br>5.64<br>6.10<br>6.25 |       |
|  |               |        |           |       |         | 6.86<br>7.01<br>7.16                                 |       |
|  |               |        |           |       | J       | 7.92<br>8.38<br>8.54<br>8.69                         |       |
|  |               |        |           |       |         | 9.14<br>9.29   |       |
| Borehole Continued.  |               |        |           |       | J       | 9.90<br>10.05  |       |

### ABBREVIATIONS

Samples: J = Jar U4. No. of

S S.P.T. CORE

REMARKS:-

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW47 — OXFORD RELIEF ROAD SCHEME D52  
450770, 205650  
13.72m.

Continued

3/2

SP 50 NW/47 5077. 0565

WM. COULSON LTD.,

## BOREHOLE LOG

Work for Oxford City Council Location Scheme 'D'  
B.H. No. B.52 Type of boring Shell and Auger  
Date(s) 22-11-69 Dia. of boring 0.20 m  
Ground Level ..... Lining tubes to 5.49 m  
Scale 50:1 C185

| Description of Strata   | Reduced Level | Legend | Thickness | Depth | SAMPLES |       | NOTES  |
|---|---------------|--------|-----------|-------|---------|-------|--|
|   |               |        |           |       | Type    | Depth |  |
| OXFORD CLAY<br>Stiff becoming hard<br>bluish grey calcareous,<br>shaly clay with selenite,<br>iron pyrites and fossils. |               |        |           |       |         | 10.21 |  |
|   |               |        |           |       | (67)    | 10.67 |  |
|   |               |        |           |       | J       | 10.81 |  |
|   |               |        |           |       | J       | 11.42 |  |
|   |               |        |           | 8.70  |         | 11.58 |  |
|   |               |        |           |       |         | 11.73 |  |
|   |               |        |           |       | (78)    | 12.20 |  |
|   |               |        |           |       | J       | 12.35 |  |
|   |               |        |           |       | J       | 12.96 |  |
|   |               |        |           |       | J       | 13.11 |  |
|   |               |        |           |       | 13.26   |       |  |
|   |               |        |           | (83)  | 13.72   |       |  |
|   |               |        | 13.72     |       |         |       |  |
| Borehole Completed.   |               |        |           |       |         |       | Water level :-<br>1st. encountered 1.83m.<br>p.m. nil. |

REMARKS:-

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW48 — OXFORD RELIEF ROAD SCHEME D53  
450710, 205650  
18.29m

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*1/2 SP 50 NW/48 5071.0565 1:236*

WM. COULSON LTD.,

## BOREHOLE LOG

British Geological Survey, Oxford City Council, British Geological Survey, Location, Scheme D, British Geological Survey  
 Borehole No. B 53, Type of boring Shell and Auger  
 Dates 24 & 25-11-69, Dia. of boring 0.20 m  
 Depth to top of casing 55.58, Lining tubes to 4.88 m  
 Scale 50:1

C185

| Description of Stratum  | Thickness (m) | Legend             | Top (m) | Bottom (m) | SAMPLES |           | NOTES |
|---|---------------|--------------------|---------|------------|---------|-----------|-------|
|   |               |                    |         |            | No.     | Depth (m) |       |
| TOPSOIL   | 0.31          | [Diagonal lines]   | 0.31    | 0.31       | J       | 0.30      |       |
| Soft light brown organic silty CLAY.  | 1.52          | [X X]              | 1.52    | 1.52       | J       | 0.46      |       |
|   |               |                    |         |            | J       | 0.76      |       |
|   |               |                    |         |            | (14)    | 1.22      |       |
| Dense yellow blowing SAND and fine medium GRAVEL.   | 1.83          | [Dotted]           | 1.83    | 1.83       | W       | 1.83      |       |
|   |               |                    |         |            | B       | 2.13      | N=32  |
|   |               |                    |         |            | B       | 2.28      |       |
|   |               |                    |         |            | B       | 2.59      |       |
|   |               |                    |         |            | B       | 2.89      |       |
|   |               |                    |         |            | B       | 3.35      |       |
|   |               |                    |         |            | B       | 3.66      |       |
|   |               |                    |         |            | B       | 4.42      |       |
|   |               |                    |         |            | B       | 4.72      |       |
|   |               |                    |         |            | J       | 4.88      |       |
| OXFORD CLAY.<br>Stiff becoming hard bluish grey calcareous, shaly clay with selenite, iron pyrites and fossils. | 13.57         | [Horizontal lines] | 13.57   | 13.57      | (42)    | 5.64      |       |
|   |               |                    |         |            | (42)    | 6.10      |       |
|   |               |                    |         |            | J       | 6.71      |       |
|   |               |                    |         |            | J       | 6.86      |       |
|   |               |                    |         |            | J       | 7.16      |       |
|   |               |                    |         |            | (59)    | 7.62      |       |
|   |               |                    |         |            | J       | 8.23      |       |
|   |               |                    |         |            | J       | 8.38      |       |
|   |               |                    |         |            | J       | 8.69      |       |
|   |               |                    |         |            | (73)    | 9.15      |       |
| J   | 9.76          |                    |         |            |         |           |       |
| J   | 9.91          |                    |         |            |         |           |       |

Borehole Continued.

ABBREVIATIONS: [S] S.P.T. [CORE] CORE

REMARKS:••

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW48 — OXFORD RELIEF ROAD SCHEME D53  
450710, 205650  
18.29m

Continued

$\frac{7}{2}$  SP 50 NW/48 5071.0565  
 WM. COULSON LTD.,  
**BOREHOLE LOG**

Work for Oxford City Council Location Scheme 'D'  
 B.H. No. B53 Type of boring Shell and Auger  
 Date(s) 24 & 25 - 11 - 69 Dia. of boring 0.20 m  
 Ground Level \_\_\_\_\_ Lining tubes to 4.88 m.  
 Scale 50:1

| Description of Strata   | Reduced Level | Legend | Thickness | Depth | SAMPLES |       | NOTES   |
|---|---------------|--------|-----------|-------|---------|-------|---|
|   |               |        |           |       | Type    | Depth |   |
| <b>OXFORD CLAY.</b><br><i>Stiff becoming hard<br/>                     bluish grey calcareous,<br/>                     shaly clay with selenite,<br/>                     iron pyrites and<br/>                     fossils.</i> |               |        |           |       |         | 10.21 |   |
|   |               |        |           |       | (85)    | 10.67 |   |
|   |               |        |           |       | J       | 11.28 |   |
|   |               |        |           |       |         | 11.43 |   |
|   |               |        |           |       |         | 11.74 |   |
|   |               |        |           |       | (83)    | 12.20 |   |
|   |               |        |           |       | J       | 12.81 |   |
|   |               |        |           |       |         | 12.96 |   |
|   |               |        |           |       |         | 13.26 |   |
|   |               |        |           | 13.57 | (91)    | 13.72 |   |
|   |               |        |           |       | J       | 14.33 |   |
|   |               |        |           |       |         | 14.48 |   |
|   |               |        |           |       |         | 14.79 |   |
|   |               |        |           |       | (88)    | 15.24 |   |
|   |               |        |           |       | J       | 15.85 |   |
|   |               |        |           |       | 16.00   |       |   |
|   |               |        |           |       | 16.31   |       |   |
|   |               |        |           | (93)  | 16.76   |       |   |
|   |               |        |           | J     | 17.37   |       |   |
|   |               |        |           |       | 17.42   |       |   |
|   |               |        |           |       | 17.83   |       |   |
|   |               |        | 18.29     | (97)  | 18.29   |       |   |
| <b>Borehole Completed.</b>  |               |        |           |       |         |       | Water level:-<br>1st day.<br>1st encountered 1.83 m.<br>p.m. nil.<br>2nd day.<br>a.m. 1.52<br>p.m. nil. |

**ABBREVIATIONS**

Samples: J = Jar    W = Water    U4. No. of blows to take    S S.P.T.    CORE % Recovery

REMARKS:-

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW50 — OXFORD RELIEF ROAD SCHEME D55  
450750, 205730  
13.72m.

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WM. COULSON LTD.,

**BOREHOLE LOG**




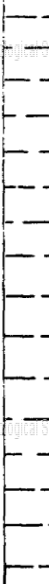
Work for... *Oxford City Council* Location... *Scheme 'D'*

B.H. No. *B 55* Type of boring... *Shell and Auger*

Date(s) *26 & 27 -11 - 69* Dia. of boring... *0.20 m.*

Ground Level... *55.70* Lining tubes... *to 4.57 m.*

Scale *50:1* C185

| Description of Strata   | Reduced Level | Legend  | Thickness   | Depth        | SAMPLES  |   | NOTES         |
|---|---------------|---|-------------|--------------|--|---|---------------|
|   |               |   |             |              | Type   | Depth   |               |
| <i>FILL - ash, brick, gravel, clay.</i>   | <i>55.2</i>   |    | <i>0.53</i> | <i>0.53</i>  | B  | <i>0.30</i><br><i>0.53</i><br><i>0.76</i>   |               |
| <i>Very soft light brown organic silty CLAY.</i>  | <i>54.23</i>  |    | <i>0.94</i> | <i>1.47</i>  | (16)<br>B  | <i>1.22</i><br><i>1.52</i><br><i>1.67</i><br><i>1.83</i>  | <i>N = 21</i> |
| <i>Medium yellow blowing SAND and fine and medium GRAVEL.</i>   |               |  | <i>2.95</i> | <i>4.42</i>  | B  | <i>2.13</i><br><i>2.44</i><br><i>2.74</i><br><i>3.35</i><br><i>3.66</i><br><i>4.11</i><br><i>4.42</i><br><i>4.57</i>  |               |
| <i>OXFORD CLAY. Stiff becoming hard bluish grey calcareous, shaly clay with selenite, iron pyrites and fossils.</i> | <i>51.28</i>  |  | <i>9.30</i> | <i>13.72</i> | (48)<br>J<br>(87)<br>J<br>(98)<br>J<br>(75)<br>J | <i>5.03</i><br><i>5.18</i><br><i>5.79</i><br><i>5.94</i><br><i>6.10</i><br><i>6.56</i><br><i>6.71</i><br><i>7.32</i><br><i>7.47</i><br><i>7.62</i><br><i>8.08</i><br><i>8.23</i><br><i>8.84</i><br><i>8.99</i><br><i>9.14</i><br><i>9.60</i><br><i>9.75</i> |               |

*Borehole Continued.*

**ABBREVIATIONS**  
 Samples: J = Jar    U4. No. of    S P.T.    CORE

**REMARKS:-**

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW50 — OXFORD RELIEF ROAD SCHEME D55  
450750, 205730  
13.72m.

Continued

2/2

SP 50 NW/50 5075. 0573

WM. COULSON LTD.,

## BOREHOLE LOG

Work for.....*Oxford City Council*..... Location.....*Scheme 'D'*.....  
B.H. No.....*B 55*..... Type of boring.....*Shell and Auger*.....  
Date(s).....*26 & 27-11-69*..... Dia. of boring.....*0.20 m.*.....  
Ground Level..... Lining tubes.....*to 4.57 m.*.....  
Scale *50:1*.....

C185

| Description of Strata  | Reduced Level | Legend | Thickness   | Depth        | SAMPLES      |              | NOTES        |  |
|--|---------------|--------|-------------|--------------|--------------|--------------|--------------|--|
|  |               |        |             |              | Type         | Depth        |              |  |
| <i>OXFORD CLAY</i><br><i>Stiff becoming hard</i><br><i>bluish grey calcareous,</i><br><i>shaly clay with selenite,</i><br><i>iron pyrites and fossils.</i> |               |        | <i>9.30</i> |              | J            | <i>10.37</i> |              |  |
|  |               |        |             |              |              |              | <i>10.52</i> |  |
|  |               |        |             |              |              |              | <i>10.67</i> |  |
|  |               |        |             |              |              | (83)         |              |  |
|  |               |        |             |              |              | J            | <i>11.13</i> |  |
|  |               |        |             |              |              | J            | <i>11.28</i> |  |
|  |               |        |             |              |              | J            | <i>11.89</i> |  |
|  |               |        |             |              |              |              | <i>12.19</i> |  |
|  |               |        |             |              |              | (84)         |              |  |
|  |               |        |             |              |              | J            | <i>12.65</i> |  |
|  |               |        |             | J            | <i>12.81</i> |              |              |  |
|  |               |        |             |              | <i>12.98</i> |              |              |  |
|  |               |        |             |              | <i>13.25</i> |              |              |  |
|  |               |        |             | (91)         |              |              |              |  |
|  |               |        |             |              | <i>13.72</i> |              |              |  |
| <i>Borehole Completed</i>  |               |        |             | <i>13.72</i> |              |              |              |  |

Water level:-  
1st day  
1st encountered 1.52m.  
p.m. nil.  
2nd day  
a.m. 5.18m.  
p.m. nil.

**ABBREVIATIONS**

Samples: J = Jar U4. No. of blows to take S S.P.T. CORE % Recovery  
W = Water

REMARKS:-

# BGS Borehole or well Record

BGS Reference  
British National Grid  
Depth:

SP50NW51 — OXFORD RELIEF ROAD SCHEME D56  
450820, 205730  
18.3m.





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1/2 SP50NW/51 5082.0573 1:236

WM. COULSON LTD.,

## BOREHOLE LOG

Work for Oxford City Council Location Scheme D  
 B.H. No. B 56 Type of boring Shell and Auger  
 Date(s) 19 & 20 - 11 - 69 Dia. of boring 0.20 m  
 Ground Level 56.8 Lining tubes to 6.40 m  
 Scale 50:1 C135

| Description of Strata  | Reduced Level | Legend  | Thickness | Depth | SAMPLES |       | NOTES |
|--|---------------|---|-----------|-------|---------|-------|-------|
|  |               |   |           |       | Type    | Depth |       |
| FILL — brick, clay, gravel.  | 54.52         |   | 2.28      | 2.28  | J       | 0.76  | N=8   |
|  |               |   |           |       | B       | 1.22  |       |
| Soft light brown organic silty CLAY.   | 54.0          |  | 0.51      | 2.79  | B       | 1.87  | N=11  |
|  |               |   |           |       | C       | 1.83  |       |
|  |               |   |           |       | B       | 2.13  |       |
|  |               |   |           |       | C       | 2.29  |       |
| Medium yellow blowing SAND and fine and medium GRAVEL.   | 50.8          |  | 3.22      | 6.01  | (18)    | 2.74  | N=16  |
|  |               |   |           |       | W       | 2.89  |       |
|  |               |   |           |       | B       | 3.05  |       |
|  |               |   |           |       | C       | 3.35  |       |
|  |               |   |           |       | B       | 4.27  |       |
|  |               |   |           |       | B       | 4.88  |       |
|  |               |   |           |       | B       | 5.18  |       |
|  |               |   |           |       | B       | 5.79  |       |
|  |               |   |           |       | J       | 6.10  |       |
|  |               |   |           |       | C       | 6.40  |       |
| OXFORD CLAY.<br>Stiff becoming hard bluish grey calcareous, shaly clay with selenite, iron pyrites and fossils | 50.8          |  | 12.29     | 12.29 | (99)    | 6.86  |       |
|  |               |   |           |       | B       | 7.01  |       |
|  |               |   |           |       | B       | 7.62  |       |
|  |               |   |           |       | B       | 7.92  |       |
|  |               |   |           |       | (106)   | 8.38  |       |
|  |               |   |           |       | B       | 8.54  |       |
|  |               |   |           |       | B       | 9.15  |       |
| (97)   | 9.45          |   |           |       |         |       |       |
|  | 9.76          |   |           |       |         |       |       |

Borehole Continued.

ABBREVIATIONS

 S.P.T.  CORE

REMARKS:-