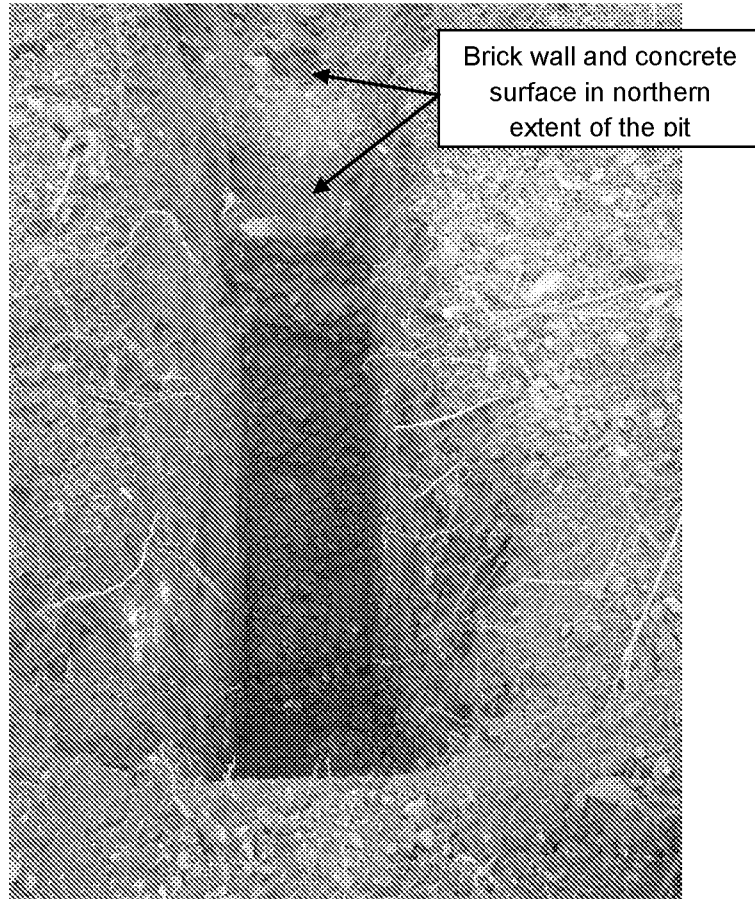


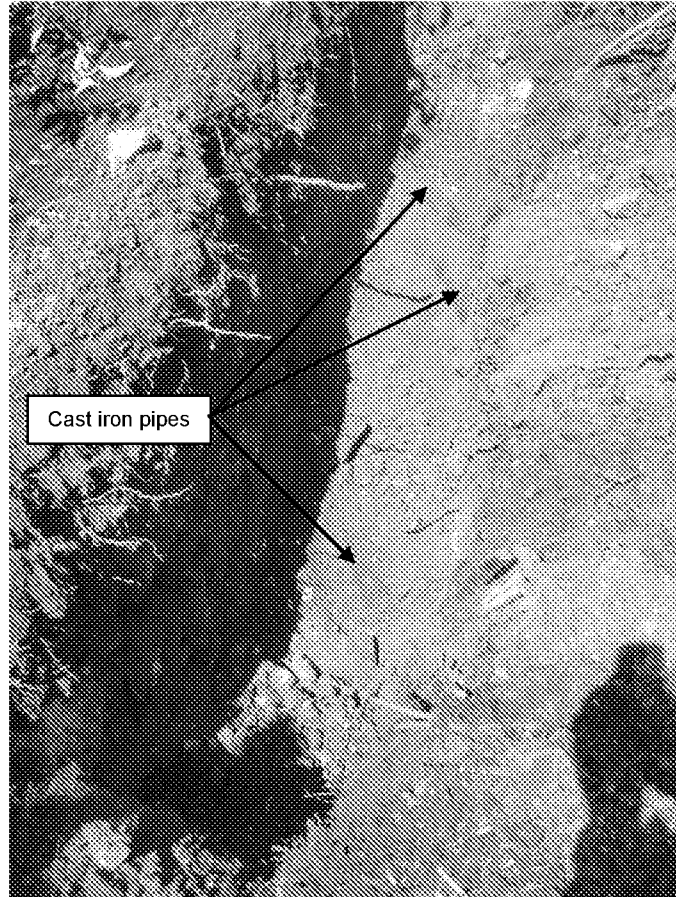
**Photograph 15: TP103**



**Photograph 16: TP106**



**Photograph 17: TP108A showing three cast iron pipes**



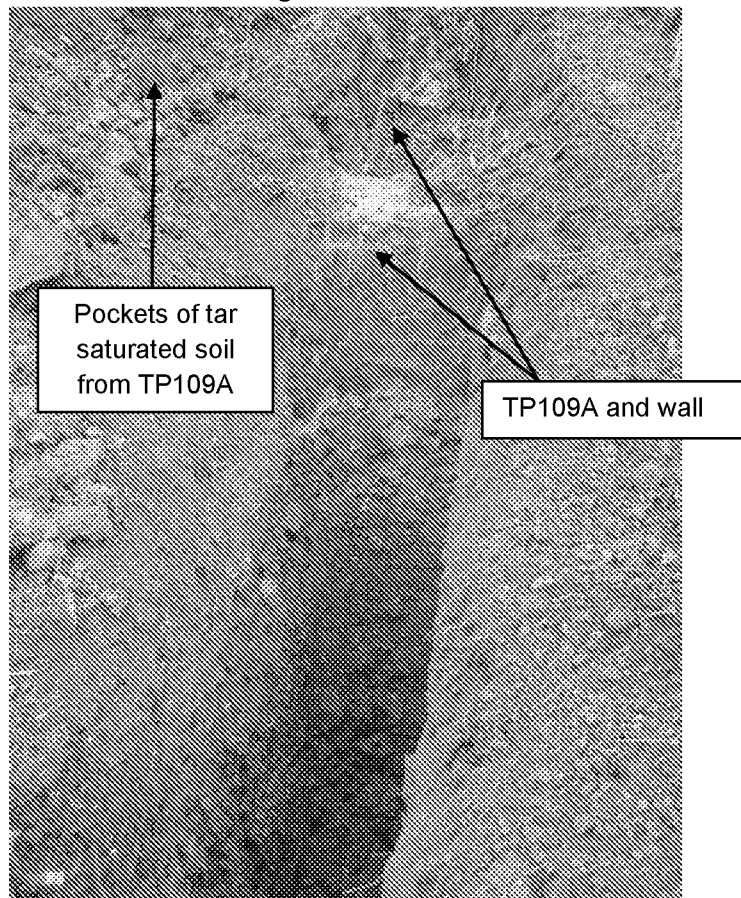
**Photograph 18: Spoil from TP108B with pockets of tar saturated clay**



**Photograph 19: Spoil from TP108B with tar covered brick rubble**



**Photograph 20: TP109B**



**Photograh 21: Pockets of tar saturated soils in the Alluvium at TP113**



**Photograh 22: Spoil from TP113**



**Photograph 23: Concrete base (former gas holder base) at TP114**



**Photograph 24: TP114**



**Photograph 25: Free phase product in the Alluvium at BH101**



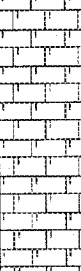
**Photograph 26: Free phase product in the Chalk at BH101**



**Photograph 27: Black staining (product) in the seams within the chalk cobbles at BH101**



**BOREHOLE LOG**

| Boring Contractor : <b>ESL</b>  |                      |                 |                                |      | Job No : <b>A71430/ 015162</b>                 |                             | Borehole No : <b>BH1</b>                                                            |                                                                                                    |                                                                       |
|---------------------------------|----------------------|-----------------|--------------------------------|------|------------------------------------------------|-----------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|
| Boring method : <b>CFA</b>      |                      |                 |                                |      | Client : <b>Lattice Property</b>               |                             | Sheet 1 of 2                                                                        |                                                                                                    |                                                                       |
| Boring diameter :<br><b>100</b> |                      |                 | Casing diameter :<br><b>50</b> |      | Site :<br><b>Arundel</b>                       |                             | Ground level : <b>3.67</b><br>(Relative to Ordnance datum)                          |                                                                                                    |                                                                       |
| Boring equipment :              |                      |                 |                                |      | Project :<br><b>Arundel Site Investigation</b> |                             | Date commenced :<br><b>07/06/2000</b>                                               | Date completed :<br><b>07/06/2000</b>                                                              |                                                                       |
| Easting : <b>501285.29</b>      |                      |                 | Northing : <b>106775.30</b>    |      |                                                |                             |                                                                                     |                                                                                                    |                                                                       |
| Sample Details                  |                      |                 | Groundwater Details            |      | Depth<br>(mBGL)                                | Level<br>(mAOD)<br><br>3.67 | Key                                                                                 | Description of Strata                                                                              |                                                                       |
| Reference                       | Type<br>(Soil/Water) | Depth<br>(mBGL) | Strike                         | Well |                                                |                             |                                                                                     |                                                                                                    |                                                                       |
| 01                              | S                    | 1.00            | ▽                              |      | 0.80                                           | 2.87                        |    | Soft to firm brown sandy clay with much gravel and cobble of builders rubble fill. MADE GROUND     |                                                                       |
| 02                              | S                    | 2.00            |                                |      |                                                |                             |                                                                                     |                                                                                                    | Firm light brown very gravelly CLAY. Gravel of flint. NATURAL GROUND. |
| 03                              | S                    | 3.00            |                                |      |                                                |                             |                                                                                     |                                                                                                    | Red brown silty sandy with only occasional gravel at 1.8m.            |
| 04                              | S                    | 5.00            |                                |      |                                                |                             |                                                                                     |                                                                                                    | Brown without sand/ silt, very gravelly at 2.5m.                      |
|                                 |                      |                 |                                |      |                                                |                             |                                                                                     | Soft to firm wet light brown with occasional fine chalk gravel (not flint) at 2.5m.                |                                                                       |
| 05                              | S                    | 7.00            |                                |      | 6.50                                           | -2.83                       |  | Soft light grey decomposed CHALK with occasional dark grey staining, slight odour. NATURAL GROUND. |                                                                       |
|                                 |                      |                 |                                |      |                                                |                             |                                                                                     | With occasional hard core stones at 7.4m.                                                          |                                                                       |
| Continued Next Sheet            |                      |                 |                                |      |                                                |                             |                                                                                     |                                                                                                    |                                                                       |
| Groundwater                     |                      |                 |                                |      | Remarks :                                      |                             |                                                                                     |                                                                                                    |                                                                       |
| Struck (m):<br>3.30             |                      |                 |                                |      | Flow Remarks :                                 |                             |                                                                                     |                                                                                                    |                                                                       |
| Depth to water strike           |                      |                 |                                |      | Logged By :<br>ESL                             |                             |                                                                                     |                                                                                                    |                                                                       |

# WS Atkins Environment

Woodcote Grove, Ashley Road  
Epsom, Surrey, KT18 5BW



## BOREHOLE LOG

| Boring Contractor : <b>ESL</b>  |                   |                |                                |      | Job No : <b>A71430/ 015162</b>                 |                          | Borehole No : <b>BH1</b>              |                                                                                                    |
|---------------------------------|-------------------|----------------|--------------------------------|------|------------------------------------------------|--------------------------|---------------------------------------|----------------------------------------------------------------------------------------------------|
| Boring method : <b>CFA</b>      |                   |                |                                |      | Client : <b>Lattice Property</b>               |                          | Sheet 2 of 2                          |                                                                                                    |
| Boring diameter :<br><b>100</b> |                   |                | Casing diameter :<br><b>50</b> |      |                                                | Site :<br><b>Arundel</b> |                                       | Ground level : <b>3.67</b><br>(Relative to Ordnance datum)                                         |
| Boring equipment :              |                   |                |                                |      | Project :<br><b>Arundel Site Investigation</b> |                          | Date commenced :<br><b>07/06/2000</b> | Date completed :<br><b>07/06/2000</b>                                                              |
| Easting : <b>501285.29</b>      |                   |                | Northing : <b>106775.30</b>    |      |                                                |                          |                                       |                                                                                                    |
| Sample Details                  |                   |                | Groundwater Details            |      | Depth (mBGL)                                   | Level (mAOD)             | Key                                   | Description of Strata                                                                              |
| Reference                       | Type (Soil/Water) | Depth (mBGL)   | Strike                         | Well |                                                | 3.67                     |                                       |                                                                                                    |
| 06                              | S                 | 9.00           |                                |      | 10.00                                          | -6.33                    |                                       | Soft light grey decomposed CHALK with occasional dark grey staining, slight odour. NATURAL GROUND. |
|                                 |                   |                |                                |      |                                                |                          |                                       | End of Borehole at 10.00 m                                                                         |
| Groundwater                     |                   |                |                                |      | Remarks :                                      |                          |                                       |                                                                                                    |
| Struck (m):<br><b>3.30</b>      |                   | Flow Remarks : |                                |      | Logged By :<br><b>ESL</b>                      |                          |                                       |                                                                                                    |

**BOREHOLE LOG**

| Boring Contractor : <b>ESL</b>     |                   |              |                             |      | Job No : <b>A71430/ 015162</b>              |              | Borehole No : <b>BH2</b>                                   |                                                                                                                                                        |
|------------------------------------|-------------------|--------------|-----------------------------|------|---------------------------------------------|--------------|------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Boring method : <b>CFA</b>         |                   |              |                             |      | Client : <b>Lattice Property</b>            |              | Sheet 1 of 2                                               |                                                                                                                                                        |
| Boring diameter : <b>100</b>       |                   |              | Casing diameter : <b>50</b> |      | Site : <b>Arundel</b>                       |              | Ground level : <b>3.40</b><br>(Relative to Ordnance datum) |                                                                                                                                                        |
| Boring equipment :                 |                   |              |                             |      | Project : <b>Arundel Site Investigation</b> |              | Date commenced : <b>08/06/2000</b>                         | Date completed : <b>08/06/2000</b>                                                                                                                     |
| Easting : <b>501272.21</b>         |                   |              | Northing : <b>106727.31</b> |      |                                             |              |                                                            |                                                                                                                                                        |
| Sample Details                     |                   |              | Groundwater Details         |      | Depth (mBGL)                                | Level (mAOD) | Key                                                        | Description of Strata                                                                                                                                  |
| Reference                          | Type (Soil/Water) | Depth (mBGL) | Strike                      | Well |                                             | 3.40         |                                                            |                                                                                                                                                        |
| 01                                 | S                 | 1.00         |                             |      | 0.20                                        | 3.20         |                                                            | Loose light brown coarse gravel fill. MADE GROUND                                                                                                      |
| 02                                 | S                 | 2.00         |                             |      |                                             |              |                                                            | Soft to firm red/brown very silty CLAY. NATURAL GROUND. Much flint gravel at 0.7m.                                                                     |
| 03                                 | S                 | 3.00         |                             |      |                                             |              |                                                            | Soft sandy with only very occasional gravel at 1.8m.                                                                                                   |
| 04                                 | S                 | 5.00         |                             |      |                                             |              |                                                            | Light brown without sand at 4.0m.                                                                                                                      |
| 05                                 | S                 | 7.00         |                             |      | 6.50                                        | -3.10        |                                                            | Soft wet white to light brown completely decomposed CHALK with very occasional flint gravel. NATURAL GROUND. With occasional hard core stones at 7.2m. |
|                                    |                   |              |                             |      |                                             |              |                                                            | Continued Next Sheet                                                                                                                                   |
| Groundwater  Depth to water strike |                   |              |                             |      | Remarks :                                   |              |                                                            |                                                                                                                                                        |
| Struck (m) : <b>2.68</b>           |                   |              |                             |      | Flow Remarks :                              |              |                                                            |                                                                                                                                                        |
|                                    |                   |              |                             |      | Logged By : <b>ESL</b>                      |              |                                                            |                                                                                                                                                        |

ARUN DISTRICT COUNCIL AB/45/21/PL

# WS Atkins Environment

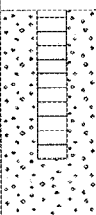
Woodcote Grove, Ashley Road  
Epsom, Surrey, KT18 5BW



## BOREHOLE LOG

| Boring Contractor : <b>ESL</b>     |                   |              |                             |      | Job No : <b>A71430/ 015162</b>              |              | Borehole No : <b>BH3</b>                                   |                                                                                                                                          |
|------------------------------------|-------------------|--------------|-----------------------------|------|---------------------------------------------|--------------|------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| Boring method : <b>CFA</b>         |                   |              |                             |      | Client : <b>Lattice Property</b>            |              | Sheet 1 of 2                                               |                                                                                                                                          |
| Boring diameter : <b>100</b>       |                   |              | Casing diameter : <b>50</b> |      | Site : <b>Arundel</b>                       |              | Ground level : <b>3.22</b><br>(Relative to Ordnance datum) |                                                                                                                                          |
| Boring equipment :                 |                   |              |                             |      | Project : <b>Arundel Site Investigation</b> |              | Date commenced : <b>07/06/2000</b>                         | Date completed : <b>07/06/2000</b>                                                                                                       |
| Easting : <b>501295.70</b>         |                   |              | Northing : <b>106741.54</b> |      |                                             |              |                                                            |                                                                                                                                          |
| Sample Details                     |                   |              | Groundwater Details         |      | Depth (mBGL)                                | Level (mAOD) | Key                                                        | Description of Strata                                                                                                                    |
| Reference                          | Type (Soil/Water) | Depth (mBGL) | Strike                      | Well |                                             |              |                                                            |                                                                                                                                          |
|                                    |                   |              |                             |      |                                             | 3.22         |                                                            |                                                                                                                                          |
|                                    |                   |              |                             |      | 0.60                                        | 2.62         |                                                            | Soft to firm black /brown sandy CLAY fill, with much gravel and builders rubble. With odour.<br><b>MADE GROUND</b>                       |
| 01                                 | S                 | 1.00         |                             |      |                                             |              |                                                            | Soft to firm light brown CLAY. No odour.<br><b>NATURAL GROUND</b><br>Red /brown with flint gravel at 0.8m.<br><br>Very gravelly at 1.3m. |
| 02                                 | S                 | 2.00         |                             |      |                                             |              |                                                            |                                                                                                                                          |
| 03                                 | S                 | 3.00         |                             |      |                                             |              |                                                            | With gravel at 2.8m.<br>Soft light brown light grey with fine chalk gravel (no flint) at 3.0m.<br>Light grey with odour at 3.2m.         |
| 04                                 | S                 | 5.00         |                             |      |                                             |              |                                                            | Light brown with flint gravel (no chalk) and slight odour at 4.3m.                                                                       |
|                                    |                   |              |                             |      | 5.80                                        | -2.58        |                                                            | White very light brown completely decomposed CHALK with occasional hard core stones.<br><b>NATURAL GROUND.</b>                           |
| 05                                 | S                 | 7.00         |                             |      |                                             |              |                                                            |                                                                                                                                          |
|                                    |                   |              |                             |      |                                             |              |                                                            | Continued Next Sheet                                                                                                                     |
| Groundwater  Depth to water strike |                   |              |                             |      | Remarks :                                   |              |                                                            |                                                                                                                                          |
| Struck (m) Flow Remarks :<br>3.20  |                   |              |                             |      | Logged By :<br><b>ESL</b>                   |              |                                                            |                                                                                                                                          |

**BOREHOLE LOG**

| Boring Contractor : <b>ESL</b>         |                   |              |                                |                                                                                   | Job No : <b>A71430/ 015162</b>                 |                           | Borehole No : <b>BI13</b>                                                         |                                                                                                         |
|----------------------------------------|-------------------|--------------|--------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| Boring method : <b>CFA</b>             |                   |              |                                |                                                                                   | Client : <b>Lattice Property</b>               |                           | Sheet 2 of 2                                                                      |                                                                                                         |
| Boring diameter :<br><b>100</b>        |                   |              | Casing diameter :<br><b>50</b> |                                                                                   | Site :<br><b>Arundel</b>                       |                           | Ground level : <b>3.22</b><br>(Relative to Ordnance datum)                        |                                                                                                         |
| Boring equipment :                     |                   |              |                                |                                                                                   | Project :<br><b>Arundel Site Investigation</b> |                           | Date commenced :<br><b>07/06/2000</b>                                             | Date completed :<br><b>07/06/2000</b>                                                                   |
| Easting : <b>501295.70</b>             |                   |              | Northing : <b>106741.54</b>    |                                                                                   |                                                |                           |                                                                                   |                                                                                                         |
| Sample Details                         |                   |              | Groundwater Details            |                                                                                   | Depth (mBGL)                                   | Level (mAOD)              | Key                                                                               | Description of Strata                                                                                   |
| Reference                              | Type (Soil/Water) | Depth (mBGL) | Strike                         | Well                                                                              |                                                | <b>3.22</b>               |                                                                                   |                                                                                                         |
| 06                                     | S                 | 9.00         |                                |  | 10.00                                          | -6.78                     |  | White very light brown completely decomposed CHALK with occasional hard core stones.<br>NATURAL GROUND. |
|                                        |                   |              |                                |                                                                                   |                                                |                           |                                                                                   | End of Borehole at 10.00 m                                                                              |
| Groundwater                            |                   |              |                                |                                                                                   |                                                | Remarks :                 |                                                                                   |                                                                                                         |
| Struck (m): <b>3.20</b> Flow Remarks : |                   |              |                                |                                                                                   |                                                | Logged By :<br><b>ESL</b> |                                                                                   |                                                                                                         |

# WS Atkins Environment

Woodcote Grove, Ashley Road  
Epsom, Surrey, KT18 5BW



## BOREHOLE LOG

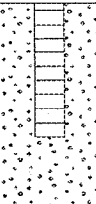
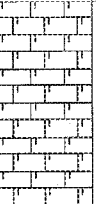
| Boring Contractor : <b>ESL</b>     |                   |                                |                     | Job No : <b>A71430/ 015162</b>                 |              | Borehole No : <b>BH4</b>                                   |                                       |                                                                                                                          |                                                                                                        |
|------------------------------------|-------------------|--------------------------------|---------------------|------------------------------------------------|--------------|------------------------------------------------------------|---------------------------------------|--------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| Boring method : <b>CFA</b>         |                   |                                |                     | Client : <b>Lattice Property</b>               |              | Sheet 1 of 2                                               |                                       |                                                                                                                          |                                                                                                        |
| Boring diameter :<br><b>100</b>    |                   | Casing diameter :<br><b>50</b> |                     | Site :<br><b>Arundel</b>                       |              | Ground level : <b>2.51</b><br>(Relative to Ordnance datum) |                                       |                                                                                                                          |                                                                                                        |
| Boring equipment :                 |                   |                                |                     | Project :<br><b>Arundel Site Investigation</b> |              | Date commenced :<br><b>06/06/2000</b>                      | Date completed :<br><b>06/06/2000</b> |                                                                                                                          |                                                                                                        |
| Easting : <b>501304.21</b>         |                   | Northing : <b>106696.39</b>    |                     |                                                |              |                                                            |                                       |                                                                                                                          |                                                                                                        |
| Sample Details                     |                   |                                | Groundwater Details |                                                | Depth (mBGL) | Level (mAOD)                                               | Key                                   | Description of Strata                                                                                                    |                                                                                                        |
| Reference                          | Type (Soil/Water) | Depth (mBGL)                   | Strike              | Well                                           |              | <b>2.51</b>                                                |                                       |                                                                                                                          |                                                                                                        |
| 01                                 | S                 | 1.00                           | ▽                   |                                                | 0.50         | 2.01                                                       |                                       | Firm brown silty gravelly clay fill. MADE GROUND                                                                         |                                                                                                        |
| 02                                 | S                 | 2.00                           |                     |                                                |              |                                                            |                                       |                                                                                                                          | Soft to firm light brown CLAY. NATURAL GROUND<br>With gravel at 1.0m.                                  |
| 03                                 | S                 | 3.00                           |                     |                                                |              |                                                            |                                       |                                                                                                                          | Very gravelly at 2.5m.                                                                                 |
| 04                                 | S                 | 5.00                           |                     |                                                |              |                                                            |                                       |                                                                                                                          | Red / brown stiff silty with very occasional gravel at 3.5m.<br>Firm light brown and gravelly at 4.2m. |
| 05                                 | S                 | 7.00                           |                     |                                                | 5.90         | -3.39                                                      |                                       | Soft wet white decomposed CHALK with occasional hard core stones and occasional flinty gravel. No odour. NATURAL GROUND. |                                                                                                        |
|                                    |                   |                                |                     |                                                |              |                                                            |                                       | Continued Next Sheet                                                                                                     |                                                                                                        |
| Groundwater  Depth to water strike |                   |                                |                     | Remarks :                                      |              |                                                            |                                       | Logged By :<br><b>ESL</b>                                                                                                |                                                                                                        |
| Struck (m): <b>2.28</b>            |                   |                                |                     | Flow Remarks :                                 |              |                                                            |                                       |                                                                                                                          |                                                                                                        |

# WS Atkins Environment

Woodcote Grove, Ashley Road  
Epsom, Surrey, KT18 5BW



## BOREHOLE LOG

| Boring Contractor : <b>ESL</b>           |                   |              |                                |                                                                                   | Job No : <b>A71430/ 015162</b>                 |              | Borehole No : <b>BH4</b>                                                          |                                                                                                                          |
|------------------------------------------|-------------------|--------------|--------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------|--------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Boring method : <b>CFA</b>               |                   |              |                                |                                                                                   | Client : <b>Lattice Property</b>               |              | Sheet 2 of 2                                                                      |                                                                                                                          |
| Boring diameter :<br><b>100</b>          |                   |              | Casing diameter :<br><b>50</b> |                                                                                   | Site :<br><b>Arundel</b>                       |              | Ground level : <b>2.51</b><br>(Relative to Ordnance datum)                        |                                                                                                                          |
| Boring equipment :                       |                   |              |                                |                                                                                   | Project :<br><b>Arundel Site Investigation</b> |              | Date commenced :<br><b>06/06/2000</b>                                             | Date completed :<br><b>06/06/2000</b>                                                                                    |
| Easting : <b>501304.21</b>               |                   |              | Northing : <b>106696.39</b>    |                                                                                   |                                                |              |                                                                                   |                                                                                                                          |
| Sample Details                           |                   |              | Groundwater Details            |                                                                                   | Depth (mBGL)                                   | Level (mAOD) | Key                                                                               | Description of Strata                                                                                                    |
| Reference                                | Type (Soil/Water) | Depth (mBGL) | Strike                         | Well                                                                              |                                                | 2.51         |                                                                                   |                                                                                                                          |
| 06                                       | S                 | 9.00         |                                |  | 10.00                                          | -7.49        |  | Soft wet white decomposed CHALK with occasional hard core stones and occasional flinty gravel. No odour. NATURAL GROUND. |
|                                          |                   |              |                                |                                                                                   |                                                |              |                                                                                   | End of Borehole at 10.00 m                                                                                               |
| Groundwater                              |                   |              |                                |                                                                                   | Remarks :                                      |              |                                                                                   |                                                                                                                          |
| Struck (m) Flow Remarks :<br><b>2.28</b> |                   |              |                                |                                                                                   | Logged By :<br><b>ESL</b>                      |              |                                                                                   |                                                                                                                          |

**WS Atkins Environment**Woodcote Grove, Ashley Road  
Epsom, Surrey, KT18 5BW**BOREHOLE LOG**

|                                 |  |                                |  |                                                |  |                                                            |                                       |
|---------------------------------|--|--------------------------------|--|------------------------------------------------|--|------------------------------------------------------------|---------------------------------------|
| Boring Contractor : <b>ESL</b>  |  |                                |  | Job No : <b>A71430/ 015162</b>                 |  | Borehole No : <b>BH5</b>                                   |                                       |
| Boring method : <b>CFA</b>      |  |                                |  | Client : <b>Lattice Property</b>               |  | Sheet 1 of 2                                               |                                       |
| Boring diameter :<br><b>100</b> |  | Casing diameter :<br><b>50</b> |  | Site :<br><b>Arundel</b>                       |  | Ground level : <b>2.55</b><br>(Relative to Ordnance datum) |                                       |
| Boring equipment :              |  |                                |  | Project :<br><b>Arundel Site Investigation</b> |  | Date commenced :<br><b>06/06/2000</b>                      | Date completed :<br><b>06/06/2000</b> |
| Easting : <b>501341.00</b>      |  | Northing : <b>106735.55</b>    |  |                                                |  |                                                            |                                       |

| Sample Details |                      |                 | Groundwater Details |      | Depth<br>(mBGL) | Level<br>(mAOD)<br><br><b>2.55</b> | Key | Description of Strata                                                                                                                            |
|----------------|----------------------|-----------------|---------------------|------|-----------------|------------------------------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Reference      | Type<br>(Soil/Water) | Depth<br>(mBGL) | Strike              | Well |                 |                                    |     |                                                                                                                                                  |
| 01             | S                    | 1.00            |                     |      | 0.10<br>0.30    | 2.45<br>2.25                       |     | Asphalt. MADE GROUND                                                                                                                             |
| 02             | S                    | 2.00            |                     |      |                 |                                    |     | Loose red, grey, brown builders rubble. MADE GROUND                                                                                              |
| 03             | S                    | 3.00            |                     |      |                 |                                    |     | Soft to firm light brown CLAY. NATURAL GROUND.                                                                                                   |
| 04             | S                    | 5.00            |                     |      |                 |                                    |     | Band of gravel at 1.1m.                                                                                                                          |
|                |                      |                 |                     |      |                 |                                    |     | With much gravel at 2.5m.                                                                                                                        |
|                |                      |                 |                     |      |                 |                                    |     | Band of gravel at 3.7m.                                                                                                                          |
|                |                      |                 |                     |      |                 |                                    |     | Band of gravel at 4.5m.                                                                                                                          |
|                |                      |                 |                     |      |                 |                                    |     | Damp at 5.0m.                                                                                                                                    |
| 05             | S                    | 7.00            |                     |      | 6.00            | -3.45                              |     | Soft white light grey decomposed CHALK with occasional hard core stones and occasional flint gravel. Wet with hydrocarbon odour. NATURAL GROUND. |
|                |                      |                 |                     |      |                 |                                    |     | Continued Next Sheet                                                                                                                             |

|             |                |           |                           |
|-------------|----------------|-----------|---------------------------|
| Groundwater |                | Remarks : | Logged By :<br><b>ESL</b> |
| Struck (m): | Flow Remarks : |           |                           |

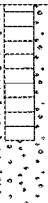
# WS Atkins Environment

Woodcote Grove, Ashley Road

Exeter, Devon, EX2 8BW



## BOREHOLE LOG

| Boring Contractor : <b>ESL</b>  |                      |                 |                                |                                                                                   | Job No <b>A71430/ 015162</b>                   |                           | Borehole No : <b>BH5</b>                                                          |                                                                                                                                                     |
|---------------------------------|----------------------|-----------------|--------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------|---------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| Boring method : <b>CFA</b>      |                      |                 |                                |                                                                                   | Client : <b>Lattice Property</b>               |                           | Sheet 2 of 2                                                                      |                                                                                                                                                     |
| Boring diameter :<br><b>100</b> |                      |                 | Casing diameter :<br><b>50</b> |                                                                                   | Site :<br><b>Arundel</b>                       |                           | Ground level : <b>2.55</b><br>(Relative to Ordnance datum)                        |                                                                                                                                                     |
| Boring equipment :              |                      |                 |                                |                                                                                   | Project :<br><b>Arundel Site Investigation</b> |                           | Date commenced :<br><b>06/06/2000</b>                                             | Date completed :<br><b>06/06/2000</b>                                                                                                               |
| Easting : <b>501341.00</b>      |                      |                 | Northing : <b>106735.55</b>    |                                                                                   |                                                |                           |                                                                                   |                                                                                                                                                     |
| Sample Details                  |                      |                 | Groundwater Details            |                                                                                   | Depth<br>(mBGL)                                | Level<br>(mAOD)           | Key                                                                               | Description of Strata                                                                                                                               |
| Reference                       | Type<br>(Soil/Water) | Depth<br>(mBGL) | Strike                         | Well                                                                              |                                                |                           |                                                                                   |                                                                                                                                                     |
| 06                              | S                    | 9.00            |                                |  | 10.00                                          | -7.45                     |  | Soft white light grey decomposed CHALK with occasional hard core stones and occasional flint gravel. Wet with hydrocarbon odour.<br>NATURAL GROUND. |
|                                 |                      |                 |                                |                                                                                   |                                                |                           |                                                                                   | End of Borehole at 10.00 m                                                                                                                          |
| Groundwater                     |                      |                 |                                |                                                                                   |                                                | Remarks :                 |                                                                                   |                                                                                                                                                     |
| Struck (m) Flow Remarks :       |                      |                 |                                |                                                                                   |                                                |                           |                                                                                   |                                                                                                                                                     |
|                                 |                      |                 |                                |                                                                                   |                                                | Logged By :<br><b>ESL</b> |                                                                                   |                                                                                                                                                     |

**WS Atkins Consultants Ltd.**

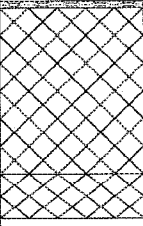
Woodcote Grove, Ashley Road

Epsom, Surrey, KT18 5RW

**WS Atkins****TRIAL PIT LOG**

|                                             |  |                                   |  |                           |                   |
|---------------------------------------------|--|-----------------------------------|--|---------------------------|-------------------|
| Client : <b>Lattice Property</b>            |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TP1</b> |                   |
| Project : <b>Arundel Site Investigation</b> |  | Easting : <b>501281.30</b>        |  | Sheet 1 of 1              |                   |
| Site : <b>Arundel</b>                       |  | Northing : <b>106763.75</b>       |  | Date commenced :          | Date completed :  |
| Excavated By : <b>JCB</b>                   |  | Ground Level (mAOD) : <b>3.60</b> |  | <b>07/06/2000</b>         | <b>07/06/2000</b> |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key                                                                               | Description of Strata                                                                                                                                        |
|-----------------|--------------------|--------------|--------------|-----------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.05         | 3.55         |  | Loose light brown gravel. <b>MADE GROUND</b>                                                                                                                 |
|                 |                    |              |              |                                                                                   | Loose white to yellow chalk fill with chalk boulders. <b>MADE GROUND</b>                                                                                     |
|                 |                    |              |              |                                                                                   |                                                                                                                                                              |
| 02              |                    | 1.20         | 2.40         |  | Becoming dirty, light brown to yellow, patches of some broken brick and metal, patches of orange to brown clay (reworked natural ground). <b>MADE GROUND</b> |
| 03              |                    | 1.50         | 2.10         |                                                                                   | End of Trial Pit at 1.60 m                                                                                                                                   |

| Sample Details   |                      |              |                                           |
|------------------|----------------------|--------------|-------------------------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description                               |
| 01               | S                    | 0.80         | CHALK, <b>MADE GROUND</b>                 |
| 02               | W                    | 1.40         | Slight organic odour, water looking clean |
| 03               | S                    | 1.60         | Clay on western side of the trial pit.    |

Remarks :

Logged By : **GMA**

**WS Atkins Consultants Ltd.**

Woodcote Grove, Ashley Road  
Epsom, Surrey, KT18 5BW

**TRIAL PIT LOG**

|                                      |  |                            |  |                    |                  |
|--------------------------------------|--|----------------------------|--|--------------------|------------------|
| Client : Lattice Property            |  | Job No : A71430/ 015162    |  | Trial Pit No : TP2 |                  |
| Project : Arundel Site Investigation |  | Easting : 501274.54        |  | Sheet 1 of 1       |                  |
| Site : Arundel                       |  | Northing : 106751.85       |  | Date commenced :   | Date completed : |
| Excavated By : JCB                   |  | Ground Level (mAOD) : 3.71 |  | 07/06/2000         | 07/06/2000       |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                                                                                                                                                                                                                     |
|-----------------|--------------------|--------------|--------------|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.10         | 3.61         |     | Loose light brown gravel. MADE GROUND                                                                                                                                                                                                                     |
| 02              |                    | 1.50         | 2.21         |     | Loose dark brown silty sand with patches of soft orange brown clay (reworked) and brick, roots, scrap metal, concrete blocks (up to 30cm x 100cm x 60cm), coal, cast iron railway line/track at 1m, 250mm circular wall (broken holder base). MADE GROUND |
| 03              |                    |              |              |     | Soft white to grey foul lime or chalk with patches of black staining, pockets of tar or phenol odour with timber and scrap metal. MADE GROUND                                                                                                             |
| 04              |                    | 2.20         | 1.51         |     | Tar stained gravel at 1.8m                                                                                                                                                                                                                                |
|                 |                    |              |              |     | End of Trial Pit at 2.30 m                                                                                                                                                                                                                                |

| Sample Details   |                      |              |                                                |
|------------------|----------------------|--------------|------------------------------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description                                    |
| 01               | S                    | 1.00         | MADE GROUND                                    |
| 02               | W                    | 1.80         | Dark brown water with a brown foam, tar odour. |
| 03               | S                    | 1.80         | MADE GROUND. Gas works waste.                  |
| 04               | S                    | 2.20         | Clay                                           |

Remarks :

Logged By : GMA

# WS Atkins Consultants Ltd.

Woodcote Grove, Ashley Road  
Epsom, Surrey, KT18 5BW



## TRIAL PIT LOG

|                                             |  |                                   |  |                            |                   |
|---------------------------------------------|--|-----------------------------------|--|----------------------------|-------------------|
| Client : <b>Lattice Property</b>            |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TP2A</b> |                   |
| Project : <b>Arundel Site Investigation</b> |  | Easting : <b>501274.54</b>        |  | Sheet 1 of 1               |                   |
| Site : <b>Arundel</b>                       |  | Northing : <b>106751.85</b>       |  | Date commenced :           | Date completed :  |
| Excavated By : <b>JCB</b>                   |  | Ground Level (mAOD) : <b>3.71</b> |  | <b>07/06/2000</b>          | <b>07/06/2000</b> |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                                                                                                                                                |
|-----------------|--------------------|--------------|--------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.10         | 3.61         |     | Loose light brown gravel. MADE GROUND                                                                                                                                                |
|                 |                    | 0.40         | 3.31         |     | Loose dark brown silty sand. MADE GROUND                                                                                                                                             |
| 02              |                    |              |              |     | Soft orange brown CLAY with gravels with red to orange clay patches. No visual or olfactory signs of contamination. NATURAL GROUND. No sign of contamination below base or adjacent. |
|                 |                    |              |              |     | Turning to a soft yellow to orange clay at 1.8m.                                                                                                                                     |
|                 |                    | 2.40         | 1.31         |     | End of Trial Pit at 2.40 m                                                                                                                                                           |

| Sample Details   |                      |              |               |
|------------------|----------------------|--------------|---------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description   |
| 01               | S                    | 1.00         | Gravelly CLAY |
| 02               | S                    | 2.40         | CLAY          |

|                        |
|------------------------|
| Remarks :              |
| Logged By : <b>GMA</b> |

# WS Atkins Consultants Ltd.

Woodcote Grove, Ashley Road

Exeter, Devon, EX1 1AA

Tel: 01392 262625



## TRIAL PIT LOG

|                                             |  |                                   |  |                           |                   |
|---------------------------------------------|--|-----------------------------------|--|---------------------------|-------------------|
| Client : <b>Lattice Property</b>            |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TP3</b> |                   |
| Project : <b>Arundel Site Investigation</b> |  | Easting : <b>501267.52</b>        |  | Sheet 1 of 1              |                   |
| Site : <b>Arundel</b>                       |  | Northing : <b>106743.94</b>       |  | Date commenced :          | Date completed :  |
| Excavated By : <b>JCB</b>                   |  | Ground Level (mAOD) : <b>3.76</b> |  | <b>07/06/2000</b>         | <b>07/06/2000</b> |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                                                                                                                        |
|-----------------|--------------------|--------------|--------------|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.10         | 3.66         |     | Gravel fill. MADE GROUND                                                                                                                                     |
|                 |                    | 1.20         | 2.56         |     | Loose dark brown to black sandy silt. MADE GROUND<br><br>Concrete base at 1.2m, no visual or olfactory signs of contamination.<br>End of Trial Pit at 1.20 m |

| Sample Details   |                      |              |             |
|------------------|----------------------|--------------|-------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description |
| 01               | S                    | 1.00         | MADE GROUND |

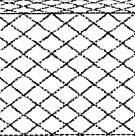
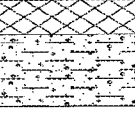
  

|                        |
|------------------------|
| Remarks :              |
| Logged By : <b>GMA</b> |

**TRIAL PIT LOG**

|                                             |  |                                   |  |                            |                   |
|---------------------------------------------|--|-----------------------------------|--|----------------------------|-------------------|
| Client : <b>Lattice Property</b>            |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TP3A</b> |                   |
| Project : <b>Arundel Site Investigation</b> |  | Easting : <b>501267.52</b>        |  | Sheet 1 of 1               |                   |
| Site : <b>Arundel</b>                       |  | Northing : <b>106743.94</b>       |  | Date commenced :           | Date completed :  |
| Excavated By : <b>JCB</b>                   |  | Ground Level (mAOD) : <b>3.76</b> |  | <b>07/06/2000</b>          | <b>07/06/2000</b> |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key                                                                               | Description of Strata                                                                                             |
|-----------------|--------------------|--------------|--------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.10         | 3.66         |  | Gravel fill. <b>MADE GROUND</b>                                                                                   |
|                 |                    |              |              |                                                                                   | Loose dark brown to black sandy silt. <b>MADE GROUND</b>                                                          |
| 02              |                    | 0.95         | 2.81         |  | Soft orange to brown clay with gravels. Reworked natural ground.                                                  |
|                 |                    | 1.20         | 2.56         |                                                                                   | Soft orange to brown sandy <b>CLAY</b> with gravel, no visual or olfactory contamination. <b>NATURAL GROUND</b> . |
|                 |                    | 1.70         | 2.06         |  | Concrete base at 1.2m, 200mm thick. TP moved 0.5m away from the site side, outside the slab.                      |
|                 |                    |              |              |                                                                                   | End of Trial Pit at 1.70 m                                                                                        |

| Sample Details   |                      |              |                                              |
|------------------|----------------------|--------------|----------------------------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description                                  |
| 01               |                      | 1.20         | Sludge contaminated soil. <b>MADE GROUND</b> |
| 02               |                      | 1.70         | <b>CLAY</b>                                  |

Remarks :

Logged By : **GMA**

**WS Atkins Consultants Ltd.**

Woodcote Grove, Ashley Road

Farnham, Surrey, KT18 6BW

**TRIAL PIT LOG**

|                                      |  |                            |  |                    |                  |
|--------------------------------------|--|----------------------------|--|--------------------|------------------|
| Client : Lattice Property            |  | Job No : A71430/015162     |  | Trial Pit No : TP4 |                  |
| Project : Arundel Site Investigation |  | Easting : 501254.14        |  | Sheet 1 of 1       |                  |
| Site : Arundel                       |  | Northing : 106737.88       |  | Date commenced :   | Date completed : |
| Excavated By : JCB                   |  | Ground Level (mAOD) : 4.01 |  | 07/06/2000         | 07/06/2000       |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                                                                                                                                                                                                          |
|-----------------|--------------------|--------------|--------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.10         | 3.91         |     | Loose light brown gravel. MADE GROUND                                                                                                                                                                                                          |
|                 |                    | 1.50         | 2.51         |     | Loose light brown orange sandy SILT with brick, scrap metal, blue 1960-70's glass bottle, old barrel, steel pipes, coal and cast iron scrap, no odour or visual sign of contamination. MADE GROUND<br>Quantity of hard core increases at 0.8m. |
|                 |                    |              |              |     | Mass concrete at 1.5m.<br>End of Trial Pit at 1.50 m                                                                                                                                                                                           |

| Sample Details   |                      |              |             |
|------------------|----------------------|--------------|-------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description |
| 01               | S                    | 1.00         | MADE GROUND |

|                 |
|-----------------|
| Remarks :       |
| Logged By : GMA |

**TRIAL PIT LOG**

|                                             |  |                                   |  |                                    |                                    |
|---------------------------------------------|--|-----------------------------------|--|------------------------------------|------------------------------------|
| Client : <b>Lattice Property</b>            |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TP5</b>          |                                    |
| Project : <b>Arundel Site Investigation</b> |  | Easting : <b>501297.40</b>        |  | Sheet 1 of 1                       |                                    |
| Site : <b>Arundel</b>                       |  | Northing : <b>106763.41</b>       |  | Date commenced : <b>06/06/2000</b> | Date completed : <b>06/06/2000</b> |
| Excavated By : <b>JCB</b>                   |  | Ground Level (mAOD) : <b>3.35</b> |  |                                    |                                    |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                                                                                                                                                                      |
|-----------------|--------------------|--------------|--------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.10         | 3.25         |     | Loose light brown gravel. <b>MADE GROUND</b>                                                                                                                                                               |
| 02              |                    |              |              |     | Loose dark brown to black sandy silt with ash, coal, broken bricks, some clay, soft light brown-orange with grey clay patches with gravel and small pockets of reworked natural ground. <b>MADE GROUND</b> |
| 05              |                    | 1.00         | 2.35         |     | At 0.7m no service road side a third 300mm cast iron pipe and a pocket of tar with contaminated soil (sampled).                                                                                            |
| 03              |                    | 1.40         | 1.95         |     | At 0.9m two 300mm cast iron pipes full of water, two were broken but the water was not under pressure i.e. it was contained in the pipe.                                                                   |
|                 |                    | 1.70         | 1.65         |     | Soft black silty clay with heavy tar contamination and brick. <b>MADE GROUND</b>                                                                                                                           |
| 04              |                    | 2.50         | 0.85         |     | Loose black medium gravel with heavy tar contamination and soft light-brown-orange with grey patched clay with gravel. <b>MADE GROUND</b>                                                                  |
|                 |                    |              |              |     | Soft orange brown CLAY with gravel. <b>NATURAL GROUND</b>                                                                                                                                                  |
|                 |                    |              |              |     | Tar contamination absent by 2.0m.                                                                                                                                                                          |
|                 |                    |              |              |     | End of Trial Pit at 2.50 m                                                                                                                                                                                 |

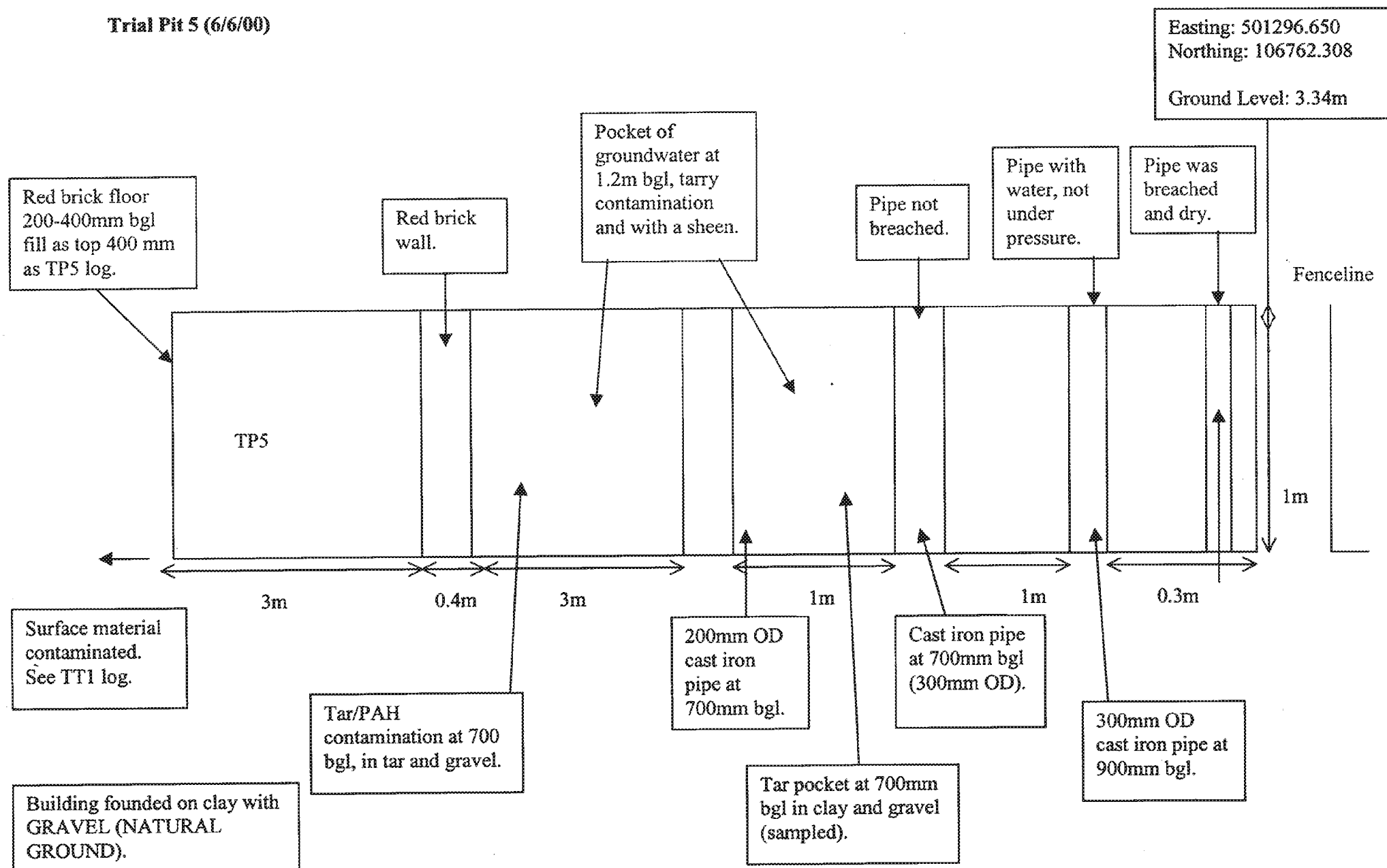
| Sample Details   |                      |              |                                           |
|------------------|----------------------|--------------|-------------------------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description                               |
| 01               | S                    | 0.70         | Tar contaminated soil. <b>MADE GROUND</b> |
| 02               | S                    | 0.90         | Tar contaminated soil. <b>MADE GROUND</b> |
| 05               | W                    | 1.20         | Tar contaminated water.                   |
| 03               | S                    | 1.30         | Tar contaminated soil. <b>MADE GROUND</b> |
| 04               | S                    | 2.40         | Gravelly CLAY                             |

Remarks :

Logged By : **GMA**

**BG Arundel****Trial Pit 5 (6/6/00)**

**WS Atkins Consultants Ltd.**Woodcote Grove, Ashley Road  
Epsom, Surrey KT18 5BW**TRIAL PIT LOG**

|                                             |  |                                   |  |                           |                   |
|---------------------------------------------|--|-----------------------------------|--|---------------------------|-------------------|
| Client : <b>Lattice Property</b>            |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TP6</b> |                   |
| Project : <b>Arundel Site Investigation</b> |  | Easting : <b>501279.84</b>        |  | Sheet 1 of 1              |                   |
| Site : <b>Arundel</b>                       |  | Northing : <b>106717.93</b>       |  | Date commenced :          | Date completed :  |
| Excavated By : <b>JCB</b>                   |  | Ground Level (mAOD) : <b>3.13</b> |  | <b>08/06/2000</b>         | <b>08/06/2000</b> |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                                                                           |
|-----------------|--------------------|--------------|--------------|-----|-----------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.80         | 2.33         |     | Loose soft dark brown gravelly clayey SILT, rich in organic matter with roots (topsoil). NATURAL GROUND.        |
| 02              |                    | 1.50         | 1.63         |     | Soft orange brown CLAY. Becoming gravelly clay from 1.0m. No visual or olfactory contamination. NATURAL GROUND. |
|                 |                    |              |              |     | End of Trial Pit at 1.50 m                                                                                      |

| Sample Details   |                      |              |                      |
|------------------|----------------------|--------------|----------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description          |
| 01               | S                    | 0.50         | Gravelly clayey SILT |
| 02               | S                    | 1.40         | Gravelly CLAY        |

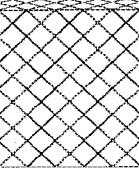
  

|                        |
|------------------------|
| Remarks :              |
| Logged By : <b>GMA</b> |

## TRIAL PIT LOG

|                                      |  |                            |  |                    |                  |
|--------------------------------------|--|----------------------------|--|--------------------|------------------|
| Client : Lattice Property            |  | Job No : A71430/ 015162    |  | Trial Pit No : TP7 |                  |
| Project : Arundel Site Investigation |  | Easting : 501308.47        |  | Sheet 1 of 1       |                  |
| Site : Arundel                       |  | Northing : 106747.02       |  | Date commenced :   | Date completed : |
| Excavated By : JCB                   |  | Ground Level (mAOD) : 3.00 |  | 06/06/2000         | 06/06/2000       |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key                                                                               | Description of Strata                                                                                                                                                                                                                                             |
|-----------------|--------------------|--------------|--------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.10         | 2.90         |  | Loose light brown gravel. MADE GROUND                                                                                                                                                                                                                             |
| 02              |                    | 1.20         | 1.80         |                                                                                   | Loose dark brown to black sandy silt fill with white ash, brick and coal. MADE GROUND.<br><br>Pockets of soft light brown to orange with grey chalk, reworked natural ground.<br>TP ended at 1.2m due to two 300mm cast iron pipes.<br>End of Trial Pit at 1.20 m |

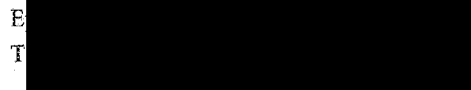
| Sample Details   |                      |              |                                                   |
|------------------|----------------------|--------------|---------------------------------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description                                       |
| 01               | S                    | 0.50         | MADE GROUND                                       |
| 02               | S                    | 1.05         | NATURAL GROUND on service road side of trial pit. |

|           |
|-----------|
| Remarks : |
|-----------|

|                 |
|-----------------|
| Logged By : GMA |
|-----------------|



**TRIAL PIT LOG**

|                                             |  |                                   |  |                           |                   |
|---------------------------------------------|--|-----------------------------------|--|---------------------------|-------------------|
| Client : <b>Lattice Property</b>            |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TP8</b> |                   |
| Project : <b>Arundel Site Investigation</b> |  | Easting : <b>501306.50</b>        |  | Sheet 1 of 1              |                   |
| Site : <b>Arundel</b>                       |  | Northing : <b>106740.26</b>       |  | Date commenced :          | Date completed :  |
| Excavated By : <b>JCB</b>                   |  | Ground Level (mAOD) : <b>2.94</b> |  | <b>06/06/2000</b>         | <b>06/06/2000</b> |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                                                                                                                                                                                                 |
|-----------------|--------------------|--------------|--------------|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.10         | 2.84         |     | Loose coarse gravel fill. MADE GROUND                                                                                                                                                                                                 |
| 02              |                    | 0.95         | 1.99         |     | Loose dark brown black silty sandy clay fill with ash, coal, brick (red, orange, and yellow in colour). Some clinker and patches of soft orange - brown silty clay (no odour), chalk boulders and patches of spent oxide. MADE GROUND |
| 03              |                    | 1.40         | 1.54         |     | MADE GROUND<br>Cast iron pipe at 1.2m, broken accidentally during excavation.<br>Trial pit ended at 1.4m as broken pipe filled trial pit with water.<br>End of Trial Pit at 1.40 m                                                    |

| Sample Details   |                      |              |                                                                                  |
|------------------|----------------------|--------------|----------------------------------------------------------------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description                                                                      |
| 01               | S                    | 0.50         | MADE GROUND                                                                      |
| 02               | W                    | 1.20         | Cast iron pipe, dark brown to green water, phenol/oil odour, sheen on the water. |
| 03               | S                    | 1.20         | MADE GROUND                                                                      |

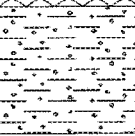
Remarks :

Logged By : **GMA**

**TRIAL PIT LOG**

|                                             |  |                                   |  |                           |                   |
|---------------------------------------------|--|-----------------------------------|--|---------------------------|-------------------|
| Client : <b>Lattice Property</b>            |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TP9</b> |                   |
| Project : <b>Arundel Site Investigation</b> |  | Easting : <b>501301.54</b>        |  | Sheet 1 of 1              |                   |
| Site : <b>Arundel</b>                       |  | Northing : <b>106725.33</b>       |  | Date commenced :          | Date completed :  |
| Excavated By : <b>JCB</b>                   |  | Ground Level (mAOD) : <b>2.95</b> |  | <b>08/06/2000</b>         | <b>08/06/2000</b> |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key                                                                               | Description of Strata                                                                                                                                                                                                 |
|-----------------|--------------------|--------------|--------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.10         | 2.85         |  | Tarmac road. <b>MADE GROUND</b>                                                                                                                                                                                       |
|                 |                    | 0.60         | 2.35         |                                                                                   | Loose black, dark brown silty clay fill with coal, gravel, sand, chalk, brick work on the northern, eastern and southern sides however on the western side at 0.9m natural ground was encountered. <b>MADE GROUND</b> |
| 02              |                    | 1.50         | 1.45         |  | Soft orange to brown <b>CLAY</b> with gravel. <b>NATURAL GROUND</b><br>Becoming more gravelly at 1.4m.<br>End of Trial Pit at 1.50 m                                                                                  |

| Sample Details   |                      |              |                |
|------------------|----------------------|--------------|----------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description    |
| 01               | S                    | 0.50         | MADE GROUND    |
| 02               | S                    | 1.50         | NATURAL GROUND |

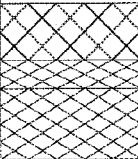
Remarks :

Logged By : **GMA**

|                                             |  |  |  |                                   |  |                            |                   |
|---------------------------------------------|--|--|--|-----------------------------------|--|----------------------------|-------------------|
| Client : <b>Lattice Property</b>            |  |  |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TP10</b> |                   |
| Project : <b>Arundel Site Investigation</b> |  |  |  | Easting : <b>501292.61</b>        |  | Sheet 1 of 1               |                   |
| Site : <b>Arundel</b>                       |  |  |  | Northing : <b>106716.39</b>       |  | Date commenced :           | Date completed :  |
| Excavated By : <b>JCB</b>                   |  |  |  | Ground Level (mAOD) : <b>3.01</b> |  | <b>08/06/2000</b>          | <b>08/06/2000</b> |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key                                                                               | Description of Strata                                                                     |
|-----------------|--------------------|--------------|--------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
| 02              |                    | 0.40         | 2.61         |  | Loose light brown clayey silt with roots. MADE GROUND                                     |
|                 |                    | 0.60         | 2.41         |                                                                                   | Mass concrete holder base. MADE GROUND - brick wall at edge.                              |
|                 |                    |              |              |                                                                                   | Loose light brown clayey silt and bricks as above. MADE GROUND. Looks clean and no odour. |
|                 |                    | 1.10         | 1.91         |                                                                                   | End of Trial Pit at 1.10 m                                                                |

| Sample Details   |                      |              |                          |
|------------------|----------------------|--------------|--------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description              |
| 02               | S                    | 0.40         | Holder side. MADE GROUND |

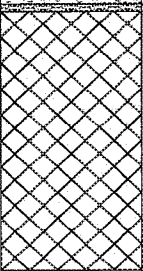
  

|                        |  |  |  |
|------------------------|--|--|--|
| Remarks :              |  |  |  |
|                        |  |  |  |
| Logged By : <b>GMA</b> |  |  |  |

**WS Atkins Consultants Ltd.**Woodcote Grove, Ashley Road  
Epsom, Surrey, KT18 5RW**WS Atkins****TRIAL PIT LOG**

|                                      |  |                            |  |                       |                  |
|--------------------------------------|--|----------------------------|--|-----------------------|------------------|
| Client : Lattice Property            |  | Job No : A7143W 015162     |  | Trial Pit No : TP 10A |                  |
| Project : Arundel Site Investigation |  | Easting : 501292.61        |  | Sheet 1 of 1          |                  |
| Site : Arundel                       |  | Northing : 106716.39       |  | Date commenced :      | Date completed : |
| Excavated By : JCB                   |  | Ground Level (mAOD) : 3.01 |  | 08/06/2000            | 08/06/2000       |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key                                                                               | Description of Strata                                                                                                                                                                                                                                                                                                                                                                  |
|-----------------|--------------------|--------------|--------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.05<br>0.10 | 2.96<br>2.91 |  | Loose light brown gravel.                                                                                                                                                                                                                                                                                                                                                              |
| 02              |                    | 1.90         | 1.11         |                                                                                   | Black top/ tarmac. MADE GROUND<br>Soft dark brown, black silty clay fill with ash, gravel, coal, brick and timber. No odour.<br><br>At 1.2m, 200mm diameter clay drainage pipe breached (pipe clay).<br>At 1.6m clay pocket on roadside of pit reworked NATURAL GROUND. (Soft orange-brown CLAY).<br>Slow groundwater seepage at 1.7m<br>Wet at 1.8m<br><br>End of Trial Pit at 2.30 m |

| Sample Details   |                      |              |                                   |
|------------------|----------------------|--------------|-----------------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description                       |
| 01               | S                    | 1.00         | Non holder side. MADE GROUND      |
| 02               | S                    | 2.00         | Non holder side clay. MADE GROUND |

Remarks : Not enough water in the pit to sample.

Logged By : GMA

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Woodcote Grove, Ashley Road  
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**TRIAL PIT LOG**

|                                      |  |                            |  |                     |                  |
|--------------------------------------|--|----------------------------|--|---------------------|------------------|
| Client : Lattice Property            |  | Job No : A71430/ 015162    |  | Trial Pit No : TP11 |                  |
| Project : Arundel Site Investigation |  | Easting : 501309.20        |  | Sheet 1 of 1        |                  |
| Site : Arundel                       |  | Northing : 106707.93       |  | Date commenced :    | Date completed : |
| Excavated By : JCB                   |  | Ground Level (mAOD) : 2.59 |  | 08/06/2000          | 08/06/2000       |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                                                                        |
|-----------------|--------------------|--------------|--------------|-----|--------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.05         | 2.54         |     | Loose light brown gravel. MADE GROUND                                                                        |
|                 |                    | 0.40         | 2.19         |     | Loose dark brown sands with organic matter and some gravel. MADE GROUND                                      |
| 02              |                    |              |              |     | Soft orange to brown clay with gravel at 1.5m. No sign of visual or olfactory contamination. NATURAL GROUND. |
| 03              |                    | 1.50         | 1.09         |     | End of Trial Pit at 1.50 m                                                                                   |

| Sample Details   |                      |              |                |
|------------------|----------------------|--------------|----------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description    |
| 01               | S                    | 0.20         | MADE GROUND    |
| 02               | S                    | 1.20         | NATURAL GROUND |
| 03               | S                    | 1.40         | NATURAL GROUND |

Remarks :

Logged By : GMA

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Woodcote Grove, Ashley Road



## TRIAL PIT LOG

|                                      |  |                            |  |                       |                  |
|--------------------------------------|--|----------------------------|--|-----------------------|------------------|
| Client : Lattice Property            |  | Job No : A71430/ 015162    |  | Trial Pit No : TP 11A |                  |
| Project : Arundel Site Investigation |  | Easting : 501309.20        |  | Sheet 1 of 1          |                  |
| Site : Arundel                       |  | Northing : 106707.93       |  | Date commenced :      | Date completed : |
| Excavated By : JCB                   |  | Ground Level (mAOD) : 2.59 |  | 08/06/2000            | 08/06/2000       |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                          |
|-----------------|--------------------|--------------|--------------|-----|----------------------------------------------------------------|
| 01              |                    | 0.20         | 2.39         |     | Loose light brown clayey fill. Top soil                        |
|                 |                    | 0.40         | 2.19         |     | Pink, light red broken concrete slab 200mm thick. MADE GROUND. |
|                 |                    | 0.60         | 1.99         |     | Sand and tarmac. MADE GROUND                                   |
|                 |                    | 0.90         | 1.69         |     | Mass concrete base intact 300mm thick.                         |
| 02              |                    | 1.40         | 1.19         |     | Soft orange to brown CLAY with gravel. NATURAL GROUND.         |
| 03              |                    |              |              |     | End of Trial Pit at 1.40 m                                     |

| Sample Details   |                      |              |                                  |
|------------------|----------------------|--------------|----------------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description                      |
| 01               | S                    | 0.20         | Non holder side                  |
| 02               | S                    | 1.20         | Non holder side                  |
| 03               | S                    | 1.40         | Below footing slab. Holder side. |

Remarks :

Logged By : GMA Depth to water strike

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Woodcote Grove, Ashley Road

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T [REDACTED]



## TRIAL PIT LOG

|                                      |  |                            |  |                     |                  |
|--------------------------------------|--|----------------------------|--|---------------------|------------------|
| Client : Lattice Property            |  | Job No : A71430/ 015162    |  | Trial Pit No : TP12 |                  |
| Project : Arundel Site Investigation |  | Easting : 501319.24        |  | Sheet 1 of 1        |                  |
| Site : Arundel                       |  | Northing : 106709.73       |  | Date commenced :    | Date completed : |
| Excavated By: JCB                    |  | Ground Level (mAOD) : 2.43 |  | 08/06/2000          | 08/06/2000       |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                                                                                |
|-----------------|--------------------|--------------|--------------|-----|----------------------------------------------------------------------------------------------------------------------|
| 01              | ▽                  | 0.05         | 2.38         |     | Loose light brown gravel. MADE GROUND                                                                                |
| 02              |                    | 0.70         | 1.73         |     | Soft dark brown silty clay (organic rich). MADE GROUND                                                               |
| 03              |                    | 1.60         | 0.83         |     | Soft orange light brown CLAY. NATURAL GROUND<br>At 0.7m five 10mm dead electric cables.<br>With some gravel at 1.2m. |
|                 |                    |              |              |     | End of Trial Pit at 1.60 m                                                                                           |

| Sample Details   |                      |              |                                                    |
|------------------|----------------------|--------------|----------------------------------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description                                        |
| 01               | S                    | 0.50         | MADE GROUND                                        |
| 02               | W                    | 1.30         | looks clean, no odour, orange to brown coloration. |
| 03               | S                    | 1.50         | CLAY                                               |

Remarks :

Logged By : GMA      ▽ Depth to water strike

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| Client : <b>Lattice Property</b>            |                      | Job No : <b>A71430/ 015162</b>    |              | Trial Pit No : <b>TP13</b> |                                                                                                              |
|---------------------------------------------|----------------------|-----------------------------------|--------------|----------------------------|--------------------------------------------------------------------------------------------------------------|
| Project : <b>Arundel Site Investigation</b> |                      | Easting : <b>501327.97</b>        |              | Sheet 1 of 1               |                                                                                                              |
| Site : <b>Arundel</b>                       |                      | Northing : <b>106719.91</b>       |              | Date commenced :           | Date completed :                                                                                             |
| Excavated By :                              |                      | Ground Level (mAOD) : <b>2.48</b> |              | <b>08/06/2000</b>          | <b>08/06/2000</b>                                                                                            |
| Sample Location                             | Groundwater Strike   | Depth (mBGL)                      | Level (mAOD) | Key                        | Description of Strata                                                                                        |
| 01                                          |                      | 0.10                              | 2.38         |                            | Wood chippings and moss. <b>MADE GROUND</b>                                                                  |
| 02                                          |                      | 1.40                              | 1.08         |                            | Loose dark brown clayey SILT with sand and roots, no odours or sign of contamination. <b>NATURAL GROUND.</b> |
|                                             |                      |                                   |              |                            | 20 mm dead steel water pipe and 5 dead electric cables at 0.8m.                                              |
|                                             |                      |                                   |              |                            | End of Trial Pit at 1.40 m                                                                                   |
| Sample Details                              |                      |                                   |              |                            |                                                                                                              |
| Sample Reference                            | Type (Soil or Water) | Depth (mBGL)                      | Description  |                            |                                                                                                              |
| 01                                          | S                    | 0.60                              | Clayey SILT  |                            |                                                                                                              |
| 02                                          | S                    | 1.20                              | Clayey SILT  |                            |                                                                                                              |
| Remarks :                                   |                      |                                   |              |                            |                                                                                                              |
| Logged By : <b>GMA</b>                      |                      |                                   |              |                            |                                                                                                              |

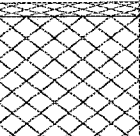
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**TRIAL PIT LOG**

|                                             |  |                                   |  |                            |                   |
|---------------------------------------------|--|-----------------------------------|--|----------------------------|-------------------|
| Client : <b>Lattice Property</b>            |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TP14</b> |                   |
| Project : <b>Arundel Site Investigation</b> |  | Easting : <b>501336.52</b>        |  | Sheet 1 of 1               |                   |
| Site : <b>Arundel</b>                       |  | Northing : <b>106740.64</b>       |  | Date commenced :           | Date completed :  |
| Excavated By : <b>JCB</b>                   |  | Ground Level (mAOD) : <b>2.63</b> |  | <b>08/06/2000</b>          | <b>08/06/2000</b> |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key                                                                               | Description of Strata                                                                                                                                                            |
|-----------------|--------------------|--------------|--------------|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    | 0.10         | 2.53         |  | Tarmac / black top.<br>Loose, black to brown with white specks, sandy silt with ash, chalk, glass, scrap metal, brick, clay pipe, clinker and slight gasworks odour. MADE GROUND |
| 02              |                    | 1.00<br>1.15 | 1.63<br>1.48 |                                                                                   | Soft orange to light brown CLAY with gravel, reworked natural ground. MADE GROUND<br>Concrete slab at base (1.15m).<br>End of Trial Pit at 1.15 m                                |

| Sample Details   |                      |              |                    |
|------------------|----------------------|--------------|--------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description        |
| 01               | S                    | 0.80         | MADE GROUND        |
| 02               | S                    | 1.10         | MADE GROUND. Clay. |

Remarks :

Logged By : **GMA**

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**TRIAL PIT LOG**

|                                      |  |                            |  |                    |                  |
|--------------------------------------|--|----------------------------|--|--------------------|------------------|
| Client : Lattice Property            |  | Job No : A71430/ 015162    |  | Trial Pit No : TT1 |                  |
| Project : Arundel Site Investigation |  | Easting : 501277.60        |  | Sheet 1 of 1       |                  |
| Site : Arundel                       |  | Northing : 106732.08       |  | Date commenced :   | Date completed : |
| Excavated By : JCB                   |  | Ground Level (mAOD) : 3.52 |  | 06/06/2000         | 06/06/2000       |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                           |
|-----------------|--------------------|--------------|--------------|-----|-----------------------------------------------------------------|
| 03              |                    | 0.10         | 3.42         |     | Loose light brown gravel. MADE GROUND                           |
| 01              |                    | 0.70         | 2.82         |     | Loose dark brown sandy SILT with clay and roots. NATURAL GROUND |
| 03              |                    |              |              |     | Soft orange to brown CLAY with gravel. NATURAL GROUND.          |
| 04              |                    | 1.40         | 2.12         |     |                                                                 |
| 05              |                    |              |              |     | End of Trial Pit at 1.60 m                                      |

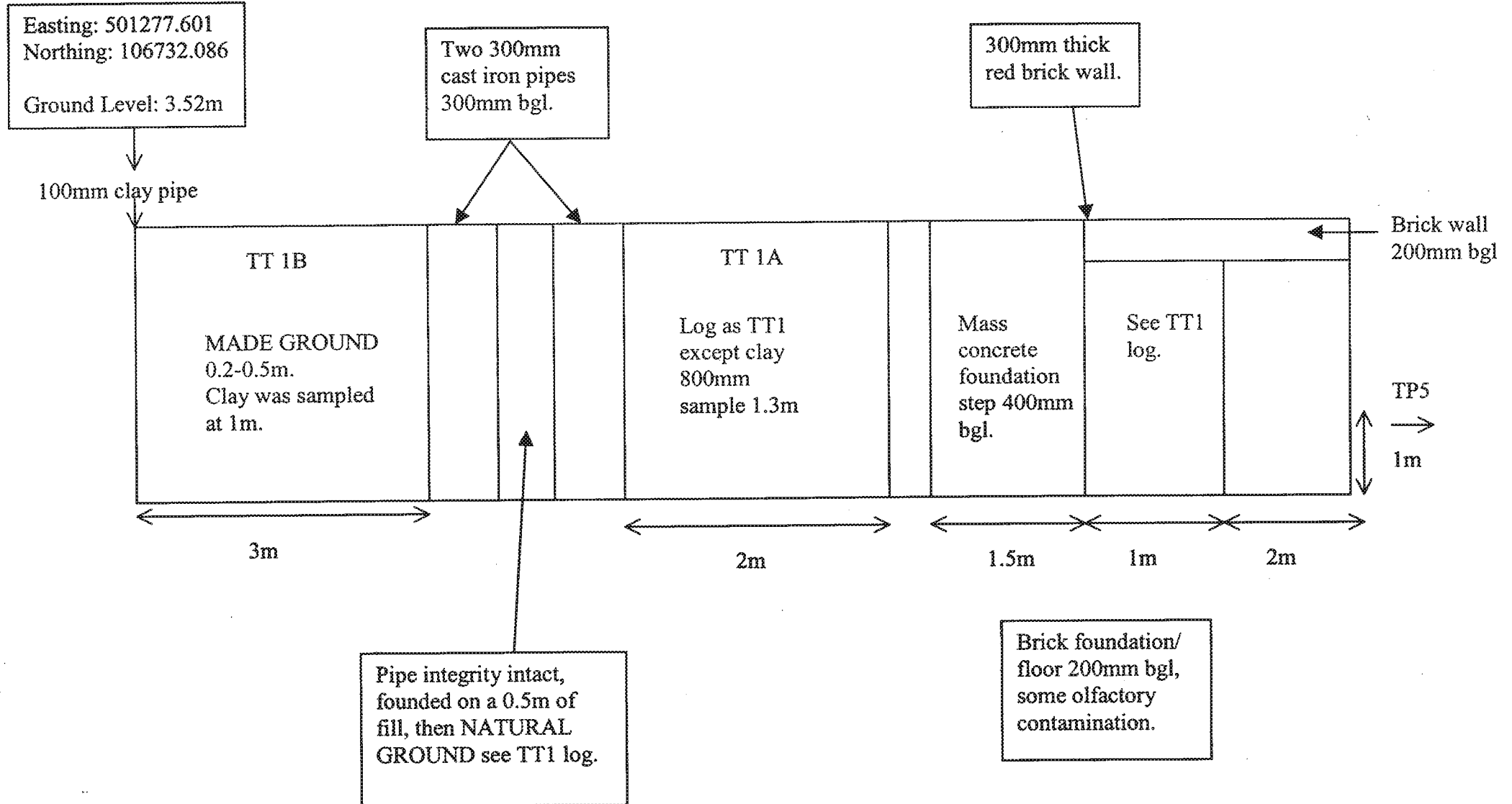
| Sample Details   |                      |              |                           |
|------------------|----------------------|--------------|---------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description               |
| 03               | S                    | 0.20         | Clayey sandy SILT at TTB. |
| 01               | S                    | 0.80         | Gravelly CLAY at TTA      |
| 03               | S                    | 1.00         | Gravelly CLAY at TTB      |
| 04               | S                    | 1.30         | Gravelly CLAY at TTA      |
| 05               | S                    | 1.60         | CLAY at TTA               |

|                 |
|-----------------|
| Remarks :       |
| Logged By : GMA |

# BG Arundel

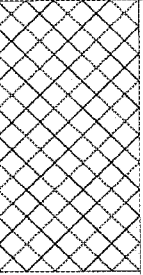
## Trial Trench 1 (6/6/00)



**TRIAL PIT LOG**

|                                             |  |                                   |  |                                       |                                       |
|---------------------------------------------|--|-----------------------------------|--|---------------------------------------|---------------------------------------|
| Client : <b>Lattice Property</b>            |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TT2A</b>            |                                       |
| Project : <b>Arundel Site Investigation</b> |  | Easting : <b>501306.15</b>        |  | Sheet 1 of 1                          |                                       |
| Site : <b>Arundel</b>                       |  | Northing : <b>106783.68</b>       |  | Date commenced :<br><b>09/06/2000</b> | Date completed :<br><b>09/06/2000</b> |
| Excavated By : <b>JCB</b>                   |  | Ground Level (mAOD) : <b>2.93</b> |  |                                       |                                       |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key                                                                               | Description of Strata                                                                                                                                                                                                                                                                                                                 |
|-----------------|--------------------|--------------|--------------|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01              |                    |              |              |  | Loose light brown sandy silt with ash, bricks and concrete.<br><b>MADE GROUND</b>                                                                                                                                                                                                                                                     |
| 02              |                    | 1.90         | 1.03         |                                                                                   | Brick foundation from 0.7 to 1.9m.<br><br>Soft orange to brown on the western side at 1.0m to base of pit.<br>At 1.0m material became more clayey i. e. sandy silt with clay and reworked natural ground soft orange to brown.<br>Anaerobic odour and black staining at 1.8m.<br>Concrete at base 1.9m.<br>End of Trial Pit at 1.90 m |

| Sample Details   |                      |              |                                      |
|------------------|----------------------|--------------|--------------------------------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description                          |
| 01               | S                    | 0.60         | MADE GROUND. Black stained material. |
| 02               | S                    | 1.80         | MADE GROUND                          |

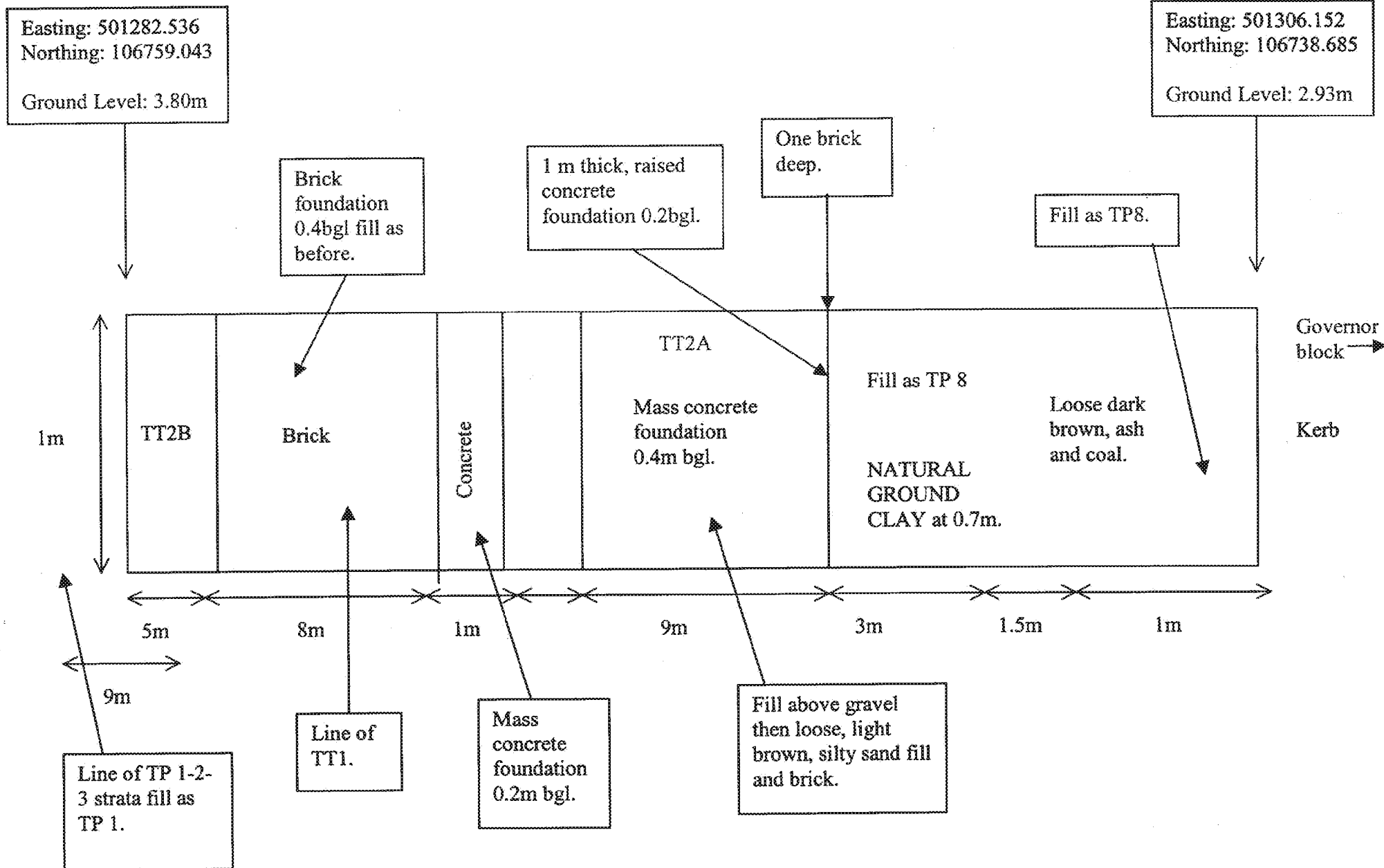
Remarks :

Logged By : **GMA**

## BG Arundel

## Trial Trench 2 (9/6/00)



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|                                             |  |                                   |  |                            |                   |
|---------------------------------------------|--|-----------------------------------|--|----------------------------|-------------------|
| Client : <b>Lattice Property</b>            |  | Job No : <b>A71430/ 015162</b>    |  | Trial Pit No : <b>TT2B</b> |                   |
| Project : <b>Arundel Site Investigation</b> |  | Easting : <b>501282.53</b>        |  | Sheet 1 of 1               |                   |
| Site : <b>Arundel</b>                       |  | Northing : <b>106759.04</b>       |  | Date commenced :           | Date completed :  |
| Excavated By : <b>JCB</b>                   |  | Ground Level (mAOD) : <b>3.80</b> |  | <b>09/06/2000</b>          | <b>09/06/2000</b> |

| Sample Location | Groundwater Strike | Depth (mBGL) | Level (mAOD) | Key | Description of Strata                                                         |
|-----------------|--------------------|--------------|--------------|-----|-------------------------------------------------------------------------------|
| 01              |                    |              |              |     | Loose light brown silty sand with gravel and broken brick. <b>MADE GROUND</b> |
|                 |                    | 1.50         | 2.30         |     | At 1.0m anaerobic odour and black staining 10cm band as in TT2A.              |
| 02              |                    | 2.00         | 1.80         |     | Soft orange to light brown CLAY with gravel. <b>NATURAL GROUND</b>            |
|                 |                    |              |              |     | End of Trial Pit at 2.00 m                                                    |

| Sample Details   |                      |              |             |
|------------------|----------------------|--------------|-------------|
| Sample Reference | Type (Soil or Water) | Depth (mBGL) | Description |
| 01               | S                    | 0.50         | MADE GROUND |
| 02               | S                    | 2.00         | CLAY        |

|                        |
|------------------------|
| Remarks :              |
| Logged By : <b>GMA</b> |