

07 August 2008

**Joynes Pike & Associates Ltd**

Suite 3  
 3800 Parkside  
 Birmingham Business Park  
 Solihull  
 Birmingham  
 For the attention of Craig Bulga

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 Issue 01

|                  |  |       |    |
|------------------|--|-------|----|
| OPUS JOYNES PIKE |  |       |    |
| Birmingham       |  |       |    |
| Project Number:  |  |       |    |
| Review: DWT/DHT  |  |       |    |
| 08 AUG 2008      |  |       |    |
| PE               |  |       |    |
| CB               |  |       |    |
|                  |  | File: | CB |

Dear Sirs

**B13380****PIER ROAD, LITTLEHAMPTON**

Further to your instructions we have pleasure in enclosing the results of the tests you requested.

Testing was carried out in accordance with the specified methods and are detailed in the attached figures.

Any samples or residue taken will be retained for a maximum of 28 days from the date of issue of this report. Should you require a variation of this, which is our standard sample retention period, we reserve the right to charge a storage fee.

You are advised to ensure that the number of tests carried out and the test methods specified were appropriate for your requirements.

Only those results indicated in this report are UKAS accredited and any opinions or interpretations expressed are outside the scope of UKAS accreditation. A full list of accredited test methods can be viewed at [terratek.co.uk/birmingham](http://terratek.co.uk/birmingham)

We trust that these results meet with your approval and would welcome any feedback you may have regarding our services, for your convenience this can be done through our website at [terratek.co.uk/feedback](http://terratek.co.uk/feedback)

Yours faithfully



 PP  
 John Reynolds  
 Laboratory Manager


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 email: [birmingham@terratek.co.uk](mailto:birmingham@terratek.co.uk)  
[www.terratek.co.uk](http://www.terratek.co.uk)

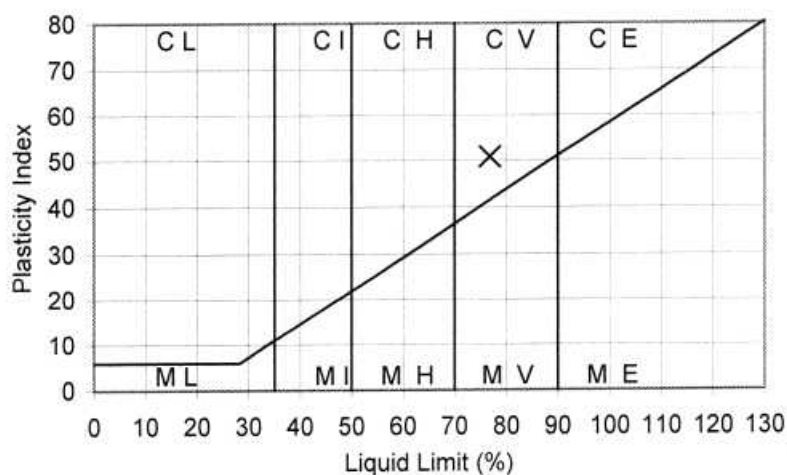
Terra Tek Ltd is registered in Scotland No. 121594  
 Offices also at Andrie, Belfast and Chesham

**TERRA TEK**  
SITE INVESTIGATION AND LABORATORY SERVICESSite **PIER ROAD, LITTLEHAMPTON**Client **Joynes Pike & Associates Ltd**

Engineer

Contract No. **B13380**Hole ID **WS01A**

Sample Ref

Depth (m) **1.70-2.00**Sample Type **T**Description : **Light brown slightly sandy CLAY**Preparation : **Sample as received \***

Results :

|                                                               |      |
|---------------------------------------------------------------|------|
| Natural Moisture Content :                                    | 40 % |
| Percentage retained on 425µm sieve :                          | 0 %  |
| Liquid Limit :                                                | 77 % |
| Plastic Limit :                                               | 26 % |
| Plasticity Index :                                            | 51   |
| Equivalent moisture content of material passing 425µm sieve : | 40 % |
| Liquidity Index :                                             | 0.27 |

Originator

Checked &  
Approved

GM

Mox

**Liquid Limit (One Point Cone Penetrometer Method)  
Plastic Limit and Plasticity Index**

BS 1377:Part 2:Clause 4.4:1990

BS 1377:Part 2:Clause 5:1990

**TK**

Figure 2

Sheet 1 of 1

**TERRA TEK**  
SITE INVESTIGATION AND LABORATORY SERVICES

Site PIER ROAD, LITTLEHAMPTON

Client Joynes Pike &amp; Associates Ltd

Engineer

Contract No. B13380

Hole ID WS08

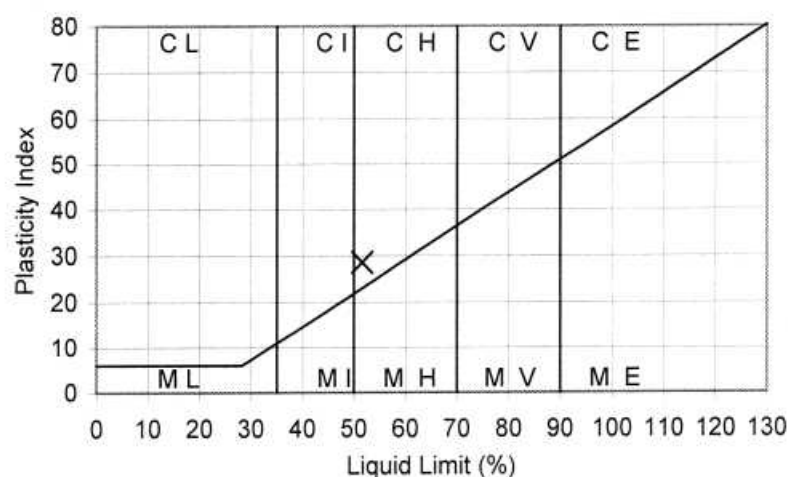
Sample Ref

Depth (m) 1.70-2.00

Sample Type T

Description : Light grey mottled light brown slightly sandy CLAY

Preparation : Sample as received \*



## Results :

Natural Moisture Content : 36 %  
 Percentage retained on 425µm sieve : 0 %  
 Liquid Limit : 52 %  
 Plastic Limit : 23 %  
 Plasticity Index : 29

Equivalent moisture content of material passing 425µm sieve : 36 %  
 Liquidity Index : 0.45

Originator

Checked &amp; Approved

GM

Mas

**Liquid Limit (One Point Cone Penetrometer Method)**  
**Plastic Limit and Plasticity Index**

BS 1377:Part 2:Clause 4.4:1990

BS 1377:Part 2:Clause 5:1990

TtK

Figure 3

Sheet 1 of 1