

TEST REPORT ISSUED BY SOIL PROPERTY TESTING LTD



| Contract | | Thorney 0/2 Soft Sand | | | | | | | | |
|------------------------|---------|--------------------------------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|
| Serial No. 36 | | 36356 | | | | | | | | |
| | | | | | | | | | | |
| Client: Lar | nd Logi | ical | | Soil Property Testing Ltd | | | | | | |
| Wil Thc Pet | | ouse Farm Quarry Il Lane ugh | | 15, 16, 18 Halcyon Court, St Margaret's Way, Stukeley Meadows, Huntingdon, Cambridgeshire, PE29 6DG Tel: 01480 455579 Email: <u>enquiries@soilpropertytesting.com</u> Website: <u>www.soilpropertytesting.com</u> | | | | | | |
| Samples Sub | mitted | d By: | | Approved Signatories: | | | | | | |
| | nd Logi | ical | | J.C. Garner B.Eng (Hons) FGS Technical Director & Quality Manager S.P. Townend FGS | | | | | | |
| Samples Labo Tho | | 0/2 Soft Sand | | Chairman W. Johnstone Materials Lab Manager D. Sabnis Operations Manager M | | | | | | |
| Date Recei | ved: | 08/01/2020 | Sample | s Tested Between: 08/01/2020 and 16/01/2020 | | | | | | |
| Remarks: For | the at | ttention of Steve Po | ole | | | | | | | |
| Notes: | 1 | All remaining samples unless we are notified | | from this contract will be disposed of after 21 days from today, ary. | | | | | | |
| | 2 | () | - | editation Service. s expressed herein are outside the scope of UKAS accreditation. | | | | | | |
| | 3 | Tests marked "NOT UK Schedule for this testin | | TED" in this test report are not included in the UKAS Accreditation /. | | | | | | |
| | 4 | This test report may no issuing laboratory. | ot be reprod | uced other than in full except with the prior written approval of the | | | | | | |



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| Contract Thorn | | Thorney 0/2 Soft Sand | | | | | | | | | | | | | | | | | | |
|---------------------|-------|-----------------------|--------------|--------------|-------------|---------|----------|-------|-------|------|----|-------------|-----|------|------|----|------------|--|--|-----------------|
| Serial | No. | | 36356 | 6 | | | | | | | | Target Date | | | Date | e | 17/01/2020 | | | |
| Sched | uled | Ву | Land Logical | | | | | | | | | | | | | | | | | |
| | | | | | | SC | HE | DUI | .E OF | E LA | BO | RA | TOF | RY 1 | TES | TS | | | | |
| Sched | ule R | | | | | | | | | | | | | | | | | | | |
| Bore Hole No. | Туре | Sample Ref. | Top Depth | 23110 | e Ste Detti | ution P | 55 EN 93 | 33'11 | | | | | | | | | | | | Sample Remarks |
| - | В | 1 | | 1 | | | | | | | | | | | | | | | | |
| | | Totals | | 1 | | | | | | | | | | | | | | | | End of Schedule |



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| | Thorne | ey 0/2 | Soft Sa | nd | | | | | | | | | | |
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|). | 36356 | | | | | | | | | | | | | |
| | | | C | DETERM | NATION OF PARTICLE S | IZE DISTRIBU | ITION | | | | | | | |
| <u></u> | De | | S | ample | Desc | Description | | | | | | | | |
| ווכ | | JUI | Туре | Referenc | ie Desc | лрион | | NEIII | | | | | | |
| | | | B | 1 | Yellowish brown SAND | Yellowish brown SAND | | | | | | | | |
| | | | Spec. Ref. | | | | | | | | | | | |
| Method of Test: | | | | Was | ng Available: | No | | | | | | | | |
| % by Mass assing Sieve | Spec. Lower Limit | Spec. Upper Limit | | 90 | | | | | | | | | | |
| | | |] | ~~ | | é | | | | | | | | |
| | | | | 80 | | | | | | | | | | |
| 100 | | | ł | 70 | | | | | | | | | | |
| 100 | | | | /0 | | | | | | | | | | |
| 100 | | | . <u></u> | 60 | | | | | | | | | | |
| 100 | ┟────┦ | | assi | 00 | | | | | | | | | | |
| 100 | | | ge F | 50 | | | | | | | | | | |
| 100 | | [| enta | | | | | | | | | | | |
| 100 | | i | erce | 40 | | | | | | | | | | |
| | | | <u>с</u> | | | | | | | | | | | |
| 100 | | 1 | | 30 | | | | | | | | | | |
| 100 | | i | 1 | | | | | | | | | | | |
| 100 | 100 | | | 20 | · | | | | | | | | | |
| 100 | 95 | 100 | | | | | | | | | | | | |
| 97 | 85 | 99 | | 10 | | | | | | | | | | |
| 83 | | | ł | | لمر | | | | | | | | | |
| | 30 | 70 | | 0 | | | | | | | | | | |
| | | | ł | 0.01 | 0.1 | | | 100 | 1000 | | | | | |
| 5 1.5 | 0.0 | 3.0 | 1 | | | Particle Size | e | | | | | | | |
| | % by Mass assing bieve 100 100 100 100 100 100 100 100 100 10 | 2thod of Test: % by % by </td <td>ethod of Test: % by Mass assing ieve Spec. Lower Limit Spec. Upper Limit Ion I Ion I I I I I I I I I I I I I I I I I I I</td> <td>Depth Sa Type Ref. Spec. Spec. kby Spec. Vass Spec. Lower Upper Limit Upper 100 Image 1</td> <td>$\begin{array}{c c c c c c c c c c c c c c c c c c c$</td> <td>Depth Sample Desc Type Reference Desc B 1 Yellowish brown SAND Spec. Ref. Vellowish brown SAND withod of Test: Washing and Sieving Wass sing lieve Spec. Upper Limit 100 Imit 100 100 Imit Spec. 100</td> <td>Depth Sample Type Description B 1 Yellowish brown SAND spec. Spec. Yellowish brown SAND wthod of Test: Washing and Sieving Certifical Wass ssing lieve Spec. Upper Limit 100 International 90 80 100 International 90 80 100 International 90 80 100 90 International 90 90 90 90 90 International 90 90 90 90 90 90 International 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 <td< td=""><td>Image: Depth Type Reference Description B 1 Yellowish brown SAND Spec. Ref. Vellowish brown SAND Sthod of Test: Washing and Sieving Certificate of Samplin K by Mass ssing invert Spec. Spec. Spec. Lower Limit Upper Limit 100 0 100 0 0 0 100 0 0 0 0 100 0 0 0 0 100 0 0 0 0 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td></td<><td>On Depth Sample Description Remi Type Reference Description Remi B 1 Yellowish brown SAND Certificate of Sampling Available: K by Spec. Variable Variable Variable K by Spec. Upper 100 Immit Immit</td></td> | ethod of Test: % by Mass assing ieve Spec. Lower Limit Spec. Upper Limit Ion I Ion I I I I I I I I I I I I I I I I I I I | Depth Sa Type Ref. Spec. Spec. kby Spec. Vass Spec. Lower Upper Limit Upper 100 Image 1 | $ \begin{array}{c c c c c c c c c c c c c c c c c c c $ | Depth Sample Desc Type Reference Desc B 1 Yellowish brown SAND Spec. Ref. Vellowish brown SAND withod of Test: Washing and Sieving Wass sing lieve Spec. Upper Limit 100 Imit 100 100 Imit Spec. 100 | Depth Sample Type Description B 1 Yellowish brown SAND spec. Spec. Yellowish brown SAND wthod of Test: Washing and Sieving Certifical Wass ssing lieve Spec. Upper Limit 100 International 90 80 100 International 90 80 100 International 90 80 100 90 International 90 90 90 90 90 International 90 90 90 90 90 90 International 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 90 <td< td=""><td>Image: Depth Type Reference Description B 1 Yellowish brown SAND Spec. Ref. Vellowish brown SAND Sthod of Test: Washing and Sieving Certificate of Samplin K by Mass ssing invert Spec. Spec. Spec. Lower Limit Upper Limit 100 0 100 0 0 0 100 0 0 0 0 100 0 0 0 0 100 0 0 0 0 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td></td<> <td>On Depth Sample Description Remi Type Reference Description Remi B 1 Yellowish brown SAND Certificate of Sampling Available: K by Spec. Variable Variable Variable K by Spec. Upper 100 Immit Immit</td> | Image: Depth Type Reference Description B 1 Yellowish brown SAND Spec. Ref. Vellowish brown SAND Sthod of Test: Washing and Sieving Certificate of Samplin K by Mass ssing invert Spec. Spec. Spec. Lower Limit Upper Limit 100 0 100 0 0 0 100 0 0 0 0 100 0 0 0 0 100 0 0 0 0 0 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | On Depth Sample Description Remi Type Reference Description Remi B 1 Yellowish brown SAND Certificate of Sampling Available: K by Spec. Variable Variable Variable K by Spec. Upper 100 Immit Immit | | | | | |



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| Contrac | t | Thorn | e y 0/2 | D/2 Soft Sand | | | | | | | | | | | |
|-----------------------|----------------------------------|-------------------------|-------------------------|--------------------|----------|----------------------|----------------------|----------------|---------------|------|--|--|--|--|--|
| Serial N | 0. | 36356 | | | | | | | | | | | | | |
| | | | | C | DETERMI | NATION OF PARTICLE S | | JTION | | | | | | | |
| Locat | ion | | pth | S | ample | Desc | Description R | | | | | | | | |
| LUCAL | | | ptn | Туре | Referenc | e | Remarks | | | | | | | | |
| - | | | | B Spec. | 1 | Yellowish brown SAND | Yellowish brown SAND | | | | | | | | |
| | | | | Ref. | | | | | | | | | | | |
| Method of Test: | | | | | Was | ning and Sieving | Certifica | ate of Samplin | ng Available: | No | | | | | |
| Sieve Size (mm) | % by Mass Passing Sieve | Spec. Lower Limit | Spec. Upper Limit | | 90 | | / | •• | | | | | | | |
| 500 | | | | 1 | | | 4 | | | | | | | | |
| 300 | | | | | 80 | | | | | | | | | | |
| 125 | 100 | | <u> </u> | ł | 70 | | | | | | | | | | |
| 80 | | | | ł | 70 | | | | | | | | | | |
| 63 | 100 | | | ຍ ແ | 60 | | | | | | | | | | |
| 40 31.5 | 100 | | <u> </u> | assi | | T I | | | | | | | | | |
| 20 | 100 | | | Percentage Passing | 50 | | | | | | | | | | |
| 16 | 100 | | | enta | | | | | | | | | | | |
| 14 | | | | erce | 40 | | | | | | | | | | |
| 10 | | | | | | | | | | | | | | | |
| 8 | 100 | | | 1 | 30 | | | | | | | | | | |
| 6.3 | 100 | | | 1 | | | | | | | | | | | |
| 4 | 100 | 100 | | | 20 | / | | | | | | | | | |
| 2.8 | 100 | 95 | 100 | | | | | | | | | | | | |
| 2 | 97 | 85 | 99 | - | 10 | | | | | | | | | | |
| 1 | 83 | | | ł | | | | | | | | | | | |
| 0.5 | 59 | 55 | 100 | ł | 0 | | | | 100 | | | | | | |
| 0.25 0.125 | 21 5 | | | | 0.01 | 0.1 | 1 Deutiele Ci | 10 | 100 | 1000 | | | | | |
| 0.063 | 1.5 | 0.0 | 3.0 | • | | | Particle Siz | ze | | | | | | | |