

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.2457/35/L/10 Date: 05th June, 2023

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| **Laboratory Test Report** |

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| 1. **Customer’s Details:** SITE GENERAL CONTRACTORS LIMITED   **E-mail:** sitegcontracorsltd@gmail.com  **Address:** P.O Box 23878 00100 NRB Phone: 0722713826  **2. Customer Contact:** 0722713826 6. Job Card No.2633/S/2023  **3. Sample Description:** Soft rock 7. Date fee paid: 30/05/2023  **4. Sampled by:** CLIENT. 8. GOK MR No. 4053563  **5. Date Sample received:** 30/05/2023 9. Date Analysis started: 30/05/2023  **10. Additional information provided by the customer:** Proposed Road Works and Water supply pipes works at Marina Gardens LR number 28880012.  **Source:** Eastleigh.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **TEST RESULTS** | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T180** | | **CBR** | | | **% Passing BS Sieve Size (mm)** | | | | | | **LL** | **PL** | **PI** | **LS** | **PM** | **MDD** | **OMC** | **4days Soak**  **(%)** | **Swell** | | **20** | **10** | **5** | **2** | **0.425** | **0.075** | **%** | **%** | **%** | **%** |  | **Kg/m3** | **( % )** | **(%)** | | 1051/S/22 | Soft rock | 100 | 87 | 66 | 72 | 36 | 26 | 30 | 23 | 7 | 3 | 252 | 1420 | 14.2 | 35 | 0.1 | | **SOIL COMPOSITION: Gravel =28%, Sand =46%, Silt/clay =26%** | | | | | | | | | | | | | | | |

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**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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