

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.1531/35/L/10 Date: 27th January, 2023

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| **Laboratory Test Report** |

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| 1. **Customer’s Details:** DEROW CONSTRUCTION LIMITED   **E-mail:** Not provided  **Address:** Not provided Phone: 0727648134  **2. Customer Contact:** 0727648134 6. Job Card No.1466/S/2023  **3. Sample Description:** Softrock 7. Date fee paid:13/01/2023  **4. Sampled by:** CLIENT. 8. GOK MR No. 4115808  **5. Date Sample received:** 13/01/2023 9. Date Analysis started: 17/01/2023  **10. Additional information provided by the customer:** Dualling of Limuru road-Muthaiga junction phase1.  **Source:** Eastleigh site   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **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** | | **Dosage** | **20** | **10** | **5** | **2** | **0.425** | **0.075** | **%** | **%** | **%** | **%** |  | **Kg/m3** | **( % )** | **(%)** | | 616/S/22 | Softrock | Neat | 100 | 91 | 82 | 73 | 60 | 52 | 31 | 17 | 14 | 7 | 840 | 1399 | 24.5 | 30 | 0.35 | | **SOIL COMPOSITION: Gravel =27%, Sand =21%, Silt/clay =52%** | | | | | | | | | | | | | | | |  | | |

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**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC** **Soils Laboratory CSE Soils Laboratory**

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