

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.179/35/L/10 Date:2nd August, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** COUNTY GOVERNMENT OF KIAMBU  **E-mail:** Not provided  **Address:** P.O BOX 21344-00900 NRB Phone: 0721485343  **2. Customer Contact:** 0721485343 6. Job Card No. 150/S/2023  **3. Sample Description:** Gravel 7. Date fee paid: 19/07/2023  **4. Sampled by:** Client. 8. GOK MR No.4053927  **5. Date Sample received:** 18/07/2023 9. Date Analysis started:20/07/2023  **10. Additional information provided by the customer: Construction and Upgrading of Kikuyu Lower Bus Park.**  **Source: Parklands.**     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T180** | | **CBR** | | | % Passing BS Sieve Size (mm) | | | | | | LL | PL | PI | LS | PM |  | OMC( % ) | 4days Soak  (%) | Swell(%) | | 20 | 10 | 5 | 2 | 0.425 | 0.075 | % | % | % | % |  | MDD Kg/m3 | | 094/S/23 | Gravel | 100 | 79 | 55 | 38 | 15 | 4 | 38 | 22 | 16 | 8 | 240 | 1844 | 12.4 | 30 | 0.35 | | **SOIL COMPOSITION: Gravel = 62%, Sand = 34%, Silt/clay =4%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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