

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.026/35/L/10 Date: 13th July, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** SAJUCY COMPANY LIMITED.  **E-mail:** victormuriu@gmail.com  **Address:** Not provided **Phone:** 0703483359  **2. Customer Contact:**0703483359 6. **Job Card No.** 2880/S/2023  **3. Sample Description:** Gravel 7. **Date fee paid:** 29/06/2023  **4. Sampled by:** Client. 8. **GOK MR No**. 4053781  **5. Date Sample received:** 29/06/2023 9. **Date Analysis started**: 30/06/2023  **10. Additional information provided by the customer: Dualling of United Nation /Limuru Road.**  **Source: Eastleigh & Black Marurui**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Dosage**% | **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 | | 1112/S/23 | Black  maruru | Neat | 100 | 70 | 47 | 35 | 27 | 24 | 40 | 26 | 15 | 8 | 405 | 1848 | 16.4 | 36 | 0.3 | | **SOIL COMPOSITION: Gravel = 65%, Sand = 11%, Silt/clay =24%** | | | | | | | | | | | | | | | | 1113/S/22 | Eastliegh | Neat | 100 | 79 | 61 | 51 | 44 | 40 | 40 | 24 | 17 | 9 | 748 | 1752 | 16.5 | 8 | 0.3 | | **SOIL COMPOSITION: Gravel =49 %, Sand = 11%, Silt/clay =40%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**