

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.417/35/L/10 Date: 23rd August, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** RESIDENT ENGINEER, KURA.  **E-mail:** estherwa63@gmail.com  **Address:** P. O. BOX 17956-00500 NAIROBI **Phone:** 0721515815  **2. Customer Contact:**0721515815 6. **Job Card No.** 369/S/2023  **3. Sample Description:** Gravel 7. **Date fee paid:** 14/08/2023  **4. Sampled by:** Client. 8. **GOK MR No**. 4058627  **5. Date Sample received:** 14/08/2023 9. **Date Analysis started**: 18/08/2023  **10. Additional information provided by the customer: Mariguini-Kisii Village Rd 2 & Road 4.**  **Source: South C.**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Dosage**% | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T99** | | **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 | | 201/S/23 | Subgrade  Layer | Neat | 100 | 95 | 79 | 64 | 42 | 34 | 40 | 22 | 18 | 9 | 756 | 1371 | 21.0 | 24 | 0.3 | | **SOIL COMPOSITION: Gravel = 36%, Sand = 30%, Silt/clay =34%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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