

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.2624/35/L/10 Date: 29th June, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** RE KENHA CORRIDOR C.  **E-mail: lovinemare@gmail.com**  **Address:** P.O BOX 49712-00100 NRB **Phone:** 0722297325  **2. Customer Contact:**0722297325 6. **Job Card No.** 2662/S/2023  **3. Sample Description:** Gravel 7. **Date fee paid:** 02/06/2023  **4. Sampled by:** Client. 8. **GOK MR No**. 4053583  **5. Date Sample received:** 2/06/2023 9. **Date Analysis started**: 12/06/2023  **10. Additional information provided by the customer: Thika -Garissa A3 Road-Banghaley-Madogo Road**  **Source: Abakiki Borrow pit Km 49+000 LHS.**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 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 | | 1061/S/22 | Gravel | Neat | 100 | 90 | 82 | 77 | 63 | 51 | 63 | 40 | 23 | 12 | 1449 | 1402 | 17.1 | 2 | 0.3 | | **SOIL COMPOSITION: Gravel = 23%, Sand = 26%, Silt/clay =51%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS) CSE Soils Laboratory.**

**OiC Soils Laboratory.**

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