

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.914/35/L/10 Date: 16th November, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** RESIDENT ENGINEER KURA.  **E-mail:** Not provided  **Address:** P.O BOX NRB Phone: 0723992617  **2. Customer Contact:** 0723992617 6. Job Card No. 1148/S/2023  **3. Sample Description:** Gravel 7. Date fee paid: 03/11/2023  **4. Sampled by:** Client. 8. GOK MR No.4358503  **5. Date Sample received:** 03/11/2023 9. Date Analysis started:07/11/2023  **10. Additional information provided by the customer:** Improvement of Acacia Access Road.  **Source:** Site     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 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 | | 695/S/23 | Gravel | 100 | 63 | 46 | 35 | 27 | 22 | 51 | 38 | 13 | 6 | 351 | 1408 | 24.7 | 30 | 0.3 | | **SOIL COMPOSITION: Gravel = 65%, Sand = 13%, Silt/clay =22%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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