

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.131/35/L/10 Date: 25th July, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** VANIAX DEVELOPERS LIMITED.  **E-mail:** abdirizaa@gmail.com  **Address:** Not provided **Phone:** 0723852892  **2. Customer Contact:**0723852892 6. **Job Card No.** 109/S/2023  **3. Sample Description:** Gravel 7. **Date fee paid:** 04/07/2023  **4. Sampled by:** Client. 8. **GOK MR No**. 4053889  **5. Date Sample received:** 04/07/2023 9. **Date Analysis started**: 04/07/2023  **10. Additional information provided by the customer: Un nation avenue/ Limuru Road.**  **Source: Ruiru prisons**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 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 | | 068/S/23 | A | Neat | 100 | 90 | 70 | 50 | 32 | 22 | 53 | 34 | 19 | 9 | 608 | 1867 | 14.3 | 30 | 0.3 | | **SOIL COMPOSITION: Gravel = 50%, Sand = 28%, Silt/clay =22%** | | | | | | | | | | | | | | | | 069/S/23 | B | Neat | 100 | 83 | 63 | 46 | 28 | 19 | 40 | 24 | 16 | 8 | 448 | 1893 | 14.0 | 50 | 0.2 | | **SOIL COMPOSITION: Gravel =54%, Sand = 27%, Silt/clay =19%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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