

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.129/35/L/10 Date: 25th July, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** RIWAN COMPANY LIMITED.  **E-mail: mwanginjoroge@yahpoo.com**  **Address:** P. O. BOX 2395-00606 NAIROBI **Phone:** 0728494380  **2. Customer Contact:**0728494380 6. **Job Card No.** 075/S/2023  **3. Sample Description:** Gravel 7. **Date fee paid:** 11/07/2023  **4. Sampled by:** Client. 8. **GOK MR No**. 4053856  **5. Date Sample received:** 11/07/2023 9. **Date Analysis started**: 17/07/2023  **10. Additional information provided by the customer: Routine maintenance and spot improvement of Magadi exit gate (West) Oloiborto CB Narok B19 Road.**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 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 | | 046/S/23 | Gravel | Neat | 100 | 89 | 72 | 55 | 41 | 30 | 24 | 16 | 8 | 4 | 328 | 1984 | 8.6 | 20 | 0.3 | | **SOIL COMPOSITION: Gravel = 45%, Sand =25 %, Silt/clay =30%** | | | | | | | | | | | | | | | |  |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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