

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.302/35/L/10 Date:9th August, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** M/S ADKINS EQUIPMENT SUPPLIES.  **E-mail:** adkins@equipments@gmail.com  **Address: P.O BOX 22436-0040 NRB** **Phone:** 0720502229  **2. Customer Contact:**0720502229 6. **Job Card No.** 258/S/2023  **3. Sample Description:** Gravel 7. **Date fee paid:** 02/08/2023  **4. Sampled by:** Client. 8. **GOK MR No**. 4058523  **5. Date Sample received:** 02/08/2023 9. **Date Analysis started**: 02/08/2023  **10. Additional information provided by the customer: Modern parking at Kawangware Shopping Centre**  **and Drainage Improvement in Kawangware ward.**     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 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 | | 137/S/23 | Gravel | Neat | 100 | 87 | 72 | 58 | 38 | 28 | 29 | 21 | 8 | 4 | 304 | 1659 | 12.7 | 35 | 0.2 | | **SOIL COMPOSITION: Gravel = 42%, Sand = 30%, Silt/clay =28%** | | | | | | | | | | | | | | | |  | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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