

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.931/35/L/10 Date: 14th November, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** M/S SPOT SOLUTIONS LTD.  **E-mail:** Not provided  **Address:** P.O BOX 530-60200 MERU **Phone:** 0712388165  **2. Customer Contact:**0712388165 6. **Job Card No.** 1192/S/2023  **3. Sample Description:** Gravel 7. **Date fee paid:** 10/11/2023  **4. Sampled by:** Client. 8. **GOK MR No**. 4388542  **5. Date Sample received:** 09/10/2023 9. **Date Analysis started**: 10/11/2023  **10. Additional information provided by the customer: Routine Maintenance of C436 kimuka -Kisamis Road.**  **Source: Site.**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 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 | | 766/S/23 | Gravel | Neat | 100 | 84 | 38 | 41 | 29 | 25 | 33 | 20 | 13 | 6 | 377 | 1785 | 17.1 | 35 | 0.3 | | **SOIL COMPOSITION: Gravel = 59%, Sand = 16%, Silt/clay =25%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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