

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.457/35/L/10 Date: 30th August, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** M/S SAXON INVESTMENT LIMITED.  **E-mail:** Not provided  **Address:** P. O. BOX 35242-00100 NRB **Phone:** 0727016930  **2. Customer Contact:**0727016930 6. **Job Card No.**523/S/2023  **3. Sample Description:** BrownishGravel 7. **Date fee paid:** 30/08/2023  **4. Sampled by:** Client. 8. **GOK MR No**. 4058765  **5. Date Sample received:** 18/08/2023 9. **Date Analysis started**: 18/08/2023  **10. Additional information provided by the customer: Road safety Enhancement of the Ngata Gate-Ngata Road Aover Rail Bridge Along the Mau Summit-Nakuru A8 Road.**  **Source: Nyoro Borrowpit**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Dosage**% | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T99** | | **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 | | 523/S/23 | Gravel | Neat | 100 | 85 | 65 | 26 | 20 | 18 | 30 | 24 | 6 | 3 | 120 | 1540 | 16.8 | 30 | 0.1 | | **SOIL COMPOSITION: Gravel = 74%, Sand = 10%, Silt/clay =16%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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