

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.2002/35/L/10 Date: 20th March, 2023

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| **Laboratory Test Report** |

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| 1. **Customer’s Details: BRILIUM COMPANY LIMITED**.   **E-mail: Not provided**  **Address:** P.O BOX 19757-00200 NRB Phone: 0720328016  **2. Customer Contact:** 0720328016 6. Job Card No.2017/S/2023  **3. Sample Description:** Gravel 7. Date fee paid: 13/03/2023  **4. Sampled by:** CLIENT. 8. GOK MR No. 4127787  **5. Date Sample received:** 13/03/2023 9. Date Analysis started: 14/03/2023  **10. Additional information provided by the customer: Routine Maintenance and spot Improvement of Lamek-Altong (B1) Road**.  **Source:** Altong Junction Km 20.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **TEST RESULTS** | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T180** | | **CBR** | | | **% Passing BS Sieve Size (mm)** | | | | | | **LL** | **PL** | **PI** | **LS** | **PM** | **MDD** | **OMC** | **4days Soak**  **(%)** | **Swell** | | **20** | **10** | **5** | **2** | **0.425** | **0.075** | **%** | **%** | **%** | **%** |  | **Kg/m3** | **( % )** | **(%)** | | 781/S/22 | Gravel | 100 | 89 | 76 | 54 | 46 | 38 | 42 | 27 | 15 | 8 | 690 | 1629 | 15.3 | 30 | 0.9 | | **SOIL COMPOSITION: Gravel =46%, Sand =16%, Silt/clay =38%** | | | | | | | | | | | | | | | |

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**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory. CSE Soils Laboratory.**

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