

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.1654/35/L/10 Date: 10th  February, 2023

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| **Laboratory Test Report** |

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| 1. **Customer’s Details:** BUFFLOC INVESTMENTS LIMITED   **E-mail:** bufflocinv@yahoo.com  **Address:** P.O.Box 2307-20100 NRB Phone: 0717945754  **2. Customer Contact:** 0717945754 6. Job Card No.1666/S/2023  **3. Sample Description:** Quarry Waste 7. Date fee paid: 02/02/2023  **4. Sampled by:** CLIENT. 8. GOK MR No. 4115988  **5. Date Sample received:** 02/02/2023 9. Date Analysis started: 02/07/2023  **10. Additional information provided by the customer:** Performance Based Contract (A8) Mau-Summit Nyahururu Interchange.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **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** | **( % )** | **(%)** | | 670/S/22 | Base Material | 100 | 79 | 49 | 28 | 10 | 6 | NON-PLASTIC | | | | | 1580 | 14.6 | 75 | <0.1 | | **SOIL COMPOSITION: Gravel =72%, Sand =22%, Silt/clay =6%** | | | | | | | | | | | | | | | |

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**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

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

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