

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.2195/35/L/10 Date: 20th April, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** GLOBAL LINK E.A LTD  **E-mail:** globallinkea@gmail.com  **Address:** P.O BOX 10370-00400 NRB **Phone:** 0705158870  **2. Customer Contact:** 0705158870 6. **Job Card No.** 2175/S/2023  **3. Sample Description:** Gravel 7. **Date fee paid:** 03/04/2023  **4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4127981  **5. Date Sample received:** 03/04/2023 9. **Date Analysis started**: 13/04/2023  **10. Additional information provided by the customer: Performance based contract for Maintenance and safety Enhancement of Bomas-Kiserian B19 Road.**  **Source: ST Patrick Borrow pit**.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 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 | | 846/S/22 | Gravel | Neat | 100 | 90 | 82 | 76 | 55 | 44 | 46 | 27 | 19 | 10 | 1045 | 1410 | 18.2 | 19 | 0.3 | | **SOIL COMPOSITION: Gravel = 24%, Sand =32 %, Silt/clay =44%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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