

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.912/35/L/10 Date: 17th November, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** KENSETSU KAIHATSU CONSULTING.  **E-mail:** sirmoickkcel.co.ke  **Address:** #43 MUKINDURI, ROAD -NAIROBI Phone: 0721759342  **2. Customer Contact:** 0721759342 6. Job Card No. 1026/S/2023  **3. Sample Description:** Gravel 7. Date fee paid: 18/10/2023  **4. Sampled by:** Client. 8. GOK MR No.4367883  **5. Date Sample received:** 17/10/2023 9. Date Analysis started:27/10/2023  **10. Additional information provided by the customer:** Xaafuun Island Somalia.  **Source:** Xaafuun.     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Grading** | | | | | |  | | **Atterberg Limits** | | | | | **Compaction T180** | | **CBR** | | | | % Passing BS Sieve Size (mm) | | | | | | LL | PL | | PI | LS | PM | PH | MDD Kg/m3 | OMC( % ) | 4days Soak  (%) | | Swell(%) | | 20 | 10 | 5 | 2 | 0.425 | 0.075 | % | % | | % | % |  |  | | 679/S/23 | GX 1:1 | 100 | 95 | 89 | 81 | 70 | 56 | 26 | 15 | | 10 | 5 | 700 | 7.8 | 1396 | 8.5 | 5 | | 0.4 | | **SOIL COMPOSITION: Gravel = 19%, Sand = 25%, Silt/clay =56%** | | | | | | | | | | | | | | | | | | | 767/S/23 | GX 1:2 | 100 | 93 | 90 | 80 | 69 | 58 | 28 | 17 | | 11 | 6 | 759 | 7.8 | 1385 | 9.0 | 5 | 0.4 | | | **SOIL COMPOSITION: Gravel = 20%, Sand = 22%, Silt/clay =58%** | | | | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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