

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.2447/35/L/10 Date: 30th May, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** SAJUCY COMPANY LIMITED.  **E-mail:** abdirizacka65@gmail.com  **Address:** Not provided **Phone:** 0723852892  **2. Customer Contact:**0723852892 6. **Job Card No.** /S/2023  **3. Sample Description:** Red soil & Gravel 7. **Date fee paid:**  **4. Sampled by:** Client. 8. **GOK MR No**.  **5. Date Sample received:** 08/05/2023 9. **Date Analysis started**: 17/04/2023  **10. Additional information provided by the customer: Dualling of United Nation /Limuru Road.**  **Source: Redsoil- Site. & Gravel Kamiti**   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | 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 | | | /S/22 | Red soil | Neat | 100 | 100 | | 100 | 96 | 93 | 90 | 52 | 29 | 23 | 12 | 2139 | 1240 | | 33.4 | 6 | 0.5 | | **SOIL COMPOSITION: Gravel = 4%, Sand = 6%, Silt/clay =90%** | | | | | | | | | | | | | | | | | | /S/22 | Gravel | Neat | 100 | | 100 | 100 | 95 | 92 | 89 | 51 | 29 | 22 | 11 | 2024 | 1230 | 30.2 | | 5 | 1.6 | | **SOIL COMPOSITION: Gravel =5 %, Sand = 6%, Silt/clay =89%** | | | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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