

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.525/35/L/10 Date: 8th September, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** MIHANGO SDA CHURCH  **E-mail:** marvinmuoki25@gmail.com  **Address:** Utawala Phone: 0715556045  **2. Customer Contact:** 0715556045 6. Job Card No. 383/S/2023  **3. Sample Description:** Reddish Material 7. Date fee paid: 15/08/2023  **4. Sampled by:** Client. 8. GOK MR No.4058638  **5. Date Sample received:** 15/08/2023 9. Date Analysis started:21/08/2023  **10. Additional information provided by the customer:** Mihango SDA Church.  **Source:** Mihango.   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Dosage** % | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T99** | | **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 | ( % ) | (%) | | 202/S/23 | Fill Material | Neat | 100 | 94 | 88 | 84 | 75 | 72 | 49 | 24 | 25 | 12 | 1875 | 1450 | 24.5 | 12 | 0.4 | | **SOIL COMPOSITION: Gravel = 16%, Sand = 12%, Silt/clay =72%** | | | | | | | | | | | | | | | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

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

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