

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.609/35/L/10 Date: 26th September, 2023

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| **Laboratory Test Report** |

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| **1. Customer’s Details:** UNITY WEST SEZ LIMITED  **E-mail:** Not provided  **Address:** P.O BOX 933-00621 NRB Phone: 0796311379  **2. Customer Contact:** 0796311379 6. Job Card No. 615/S/2023  **3. Sample Description:** Red soil 7. Date fee paid: 08/09/2023  **4. Sampled by:** Client. 8. GOK MR No.4058843  **5. Date Sample received:** 08/09/2023 9. Date Analysis started:15/09/2023  **10. Additional information provided by the customer:** Silver Hill Site, Unity West (Tatu City)     |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | TEST RESULTS | | | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Grading** | | | | | | |  | **Atterberg Limits** | | | | | **Compaction T99** | | **CBR** | | | % Passing BS Sieve Size (mm) | | | | | | | LL | PL | PI | LS |  |  |  | OMC (% ) | 4days Soak  (%) | Swell (%) | | 20 | 10 | 5 | 2 | 0.425 | 0.075 | % | | % | %  % | % | PM | Organic content | MDD Kg/m3 | | 304/S/23 | TP 1 |  |  |  |  |  |  |  | |  |  |  |  | 1.20 | 1403 | 28.8 | 7 | 1.4 | | 305/S/23 | TP 2 |  |  |  |  |  |  |  | |  |  |  |  | 0.84 | 1411 | 29.4 | 7 | 1.3 | | 306/S/23 | TP 3 |  |  |  |  |  |  |  | |  |  |  |  | 1.05 | 1373 | 29.2 | 7 | 1.4 | | 307/S/23 | TP 4 |  |  |  |  |  |  |  | |  |  |  |  | 1.77 | 1437 | 28.0 | 8 | 1.4 | |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

**OiC Soils Laboratory CSE Soils Laboratory**

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