

**REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

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Ref No. M.1888/35/L/10 Date: 8th March, 2023

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| **Laboratory Test Report** |

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| 1. **Customer’s Details:** AMBIFINCH LTD.   **E-mail:** info@ambifinch.com  **Address:** P.O BOX 22451-001 NRB Phone: 0722455378  **2. Customer Contact:** 0722455378 6. Job Card No.1886/S/2023  **3. Sample Description:** Gravel for Wearing course 7. Date fee paid: 01/03/2023  **4. Sampled by:** CLIENT. 8. GOK MR No. 4127680  **5. Date Sample received:** 28/02/2023 9. Date Analysis started: 02/03/2023  **10. Additional information provided by the customer:** HFCK/MADSON INSURANCE/MAVOKO.  **Source:** Mavoko   |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | |  | **TEST RESULTS** | | | | | | | | | | | | | | | | | **Sample No.** | **Reference** | **Grading** | | | | | | **Atterberg Limits** | | | | | **Compaction T180** | | **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** | **( % )** | **(%)** | | 751/S/22 | Gravel | 100 | 95 | 82 | 88 | 63 | 53 | 46 | 34 | 12 | 6 | 756 | 1252 | 34.9 | 20 | 0.5 | | **SOIL COMPOSITION: Gravel =12%, Sand =35%, Silt/clay =53%** | | | | | | | | | | | | | | | |

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**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS)**

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

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