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# **REPUBLIC OF KENYA**

**MINISTRY OF ROADS AND TRANSPORT**

**STATE DEPARTMENT OF ROADS**

Telegraphic Address: “MINWORKS”, Nairobi Materials Testing & Research Division Telephone: Nairobi 554950/3/4 Machakos Road, Industrial Area Fax: 554877 P.O. Box 11873 – 00400 E-mail: chiefengineer@mtrd.go.ke NAIROBI

Ref No. M.334/35/L/10 Date: 15th August, 2023

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**1. Customer’s Details:** AMBI FINCH LIMITED.

**E-mail:** info@ambifinch.com

**Address:** P.O. Box 22451-0010 NRB **Phone:**0722455378

**2. Customer Contact:** 0722455378 6. **Job Card No.** 362/S/2023

**3. Sample Description:** Fill layer 7. **Date fee paid:** 11/08/2023

**4. Sampled by:** MTRD Staff. 8. **GOK MR No**. 4058622

**5. Date Sample received:** 11/08/2023 9. **Date Analysis started**:11/08/2023

**10. Additional information provided by the customer: Unity Homes-Silver project**.

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| **Sample No.** | **Date tested** | **Chainage**  **(Km)** | **Position** | **Layer Thickness (mm)** | **Field dry density**  **Kg/m3** | **Field moisture content (%)** | **Max. dry density**  **T99**  **Kg/m3** | **Optimum moisture content (%)** | **Relative Compaction (%)** | **Relative moisture content (%)** |
| **4th Fill Layer A1 18-A1 17** | | | | | | | | | | |
| 198/S/23 | 11/08/2023 | 0+040 | CL | 150 | 1354 | 24.8 | 1350 | 30.0 | 100 | 83 |
| **2nd Fill Layer A1 17-A1 16** | | | | | | | | | | |
| 199/S/23 | 11/08/2023 | 0+060 | CL | 150 | 1359 | 26.8 | 1350 | 30.0 | 101 | 89 |
| **4th Fill Layer A1 1-A1 2** | | | | | | | | | | |
| 200/S/23 | 11/08/2023 | 0+140 | CL | 150 | 1298 | 24.5 | 1350 | 30.0 | 96 | 82 |

**Eng. J. M. Mbarua**

**For: CHIEF ENGINEER (MATERIALS OiC Soils Laboratory. CSE Soils Laboratory.**

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