

Mathinna Pit Sample Weighbridge Data

Introduction

To determine bulk density of the Mathinna tailings, two methods were employed. The first method involved using a large amount of material versus a small 5kg amount of material for laboratory test work.

This data relates to the large amount of material and will be combined with the survey volume of each pit and the moisture content of 3 samples per pit (taken at the top, middle and bottom of each pit) and determined in the laboratory.

Method

A truck and excavator was employed to dig a pit, load the truck with the pit material, cart the material to the Cornwall Coal wash plant weighbridge for weighing.

The truck was refuelled immediately prior to each weighing.

Weighbridge accuracy is 10kg

Weighbridge Data

Empty tare	Tare - 11,440 kg	Material weight
Pit 1	Gross – 18,240 kg	6,800 kg
Pit 2	Gross – 18,140 kg	6,700 kg
Pit 3	Gross – 17,460 kg	6,020 kg
Total		19,520 kg

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