Data collection sheet

bulk density

Name:

Date:

BUCKET m_{TARE} = kg

(TARE = weight of the empty bucket)

d_{TOP} = cm

d_{BUTTOM} = cm

h = cm

$$V_{BUCKET} = 0{,}196 * (d_{TOP} + d_{BUTTOM})^2 * h$$

V_{BUCKET} = cm^3

= m^3

($1m^3 = 1{,}000{,}000cm^3$)

Heap	mass			evaluated	nett	bulk
	1	2	3	gross mass	mass	density
	[kg]	[kg]	[kg]	[kg]	[kg]	[kg/m³]
				= (mass1+mass2+ masst3)/3	= evaluated gross mass - m_{TARE}	= nett mass / V_{BUCKET}