

Certificate No. 23798/DBBPAG
Date: November 7, 2013



Issuing Office:

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REPORT OF ANALYSIS

The sample was submitted by client with the following identification :

CLIENT : SCG LIGHTWEIGHT CONCRETE INDONESIA, PT.
ADDRESS : Surya Cipta Industrial Estate.
Jl. Techno Kav. 1 – T 1 – 3, Kutamekar, Ciampel.
KARAWANG.
TYPE OF SAMPLE : SILICA SAND.
DATE OF RECEIVED : 10/10/2013.
TEST REQUIRED : Chemical Analysis (XRF – Method), Organic Impurity
and Curve.
DESCRIPTION OF SAMPLE : Form : Sand.
Weight/Volume : ± 1.00 kg.
Packing : Plastic bag.
SAMPLE IDENTIFICATION : Code : Cidahu.
DATE OF ANALYSIS : 10/10/2013 to 29/10/2013.
YOUR REFERENCE : --

Result:

Parameter	Unit	Results	Method
Iron Trioxide (Fe ₂ O ₃)	%	0.42	PO / MOM / 24
Aluminium Trioxide (Al ₂ O ₃)	%	18.18	PO / MOM / 24
Calcium Oxide (CaO)	%	2.09	PO / MOM / 24
Magnesium Oxide (MgO)	%	2.75	PO / MOM / 24
Manganese Dioxide (MnO ₂)	%	0.26	PO / MOM / 24
Chromium Trioxide (Cr ₂ O ₃)	%	0.02	PO / MOM / 24
Sodium Oxide (Na ₂ O)	%	0.12	PO / MOM / 24
Potassium Oxide (K ₂ O)	%	0.35	PO / MOM / 24
Silicon Dioxide (SiO ₂)	%	71.59	PO / MOM / 24
Titanium Dioxide (TiO ₂)	%	1.18	PO / MOM / 24
Loss On Ignition (LOI)	%	1.83	PO / MOM / 24
Moisture Content (MC)	%, AR	9.93	Gravimetric
Organic Impurity	%	Less than 0.01	Titrimetric

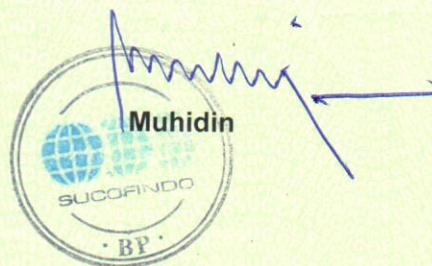
Note = AR (As Received Basis).

The Attachment available is an integral part of this certificate.

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SBU General Services

CBT1011153131040-001



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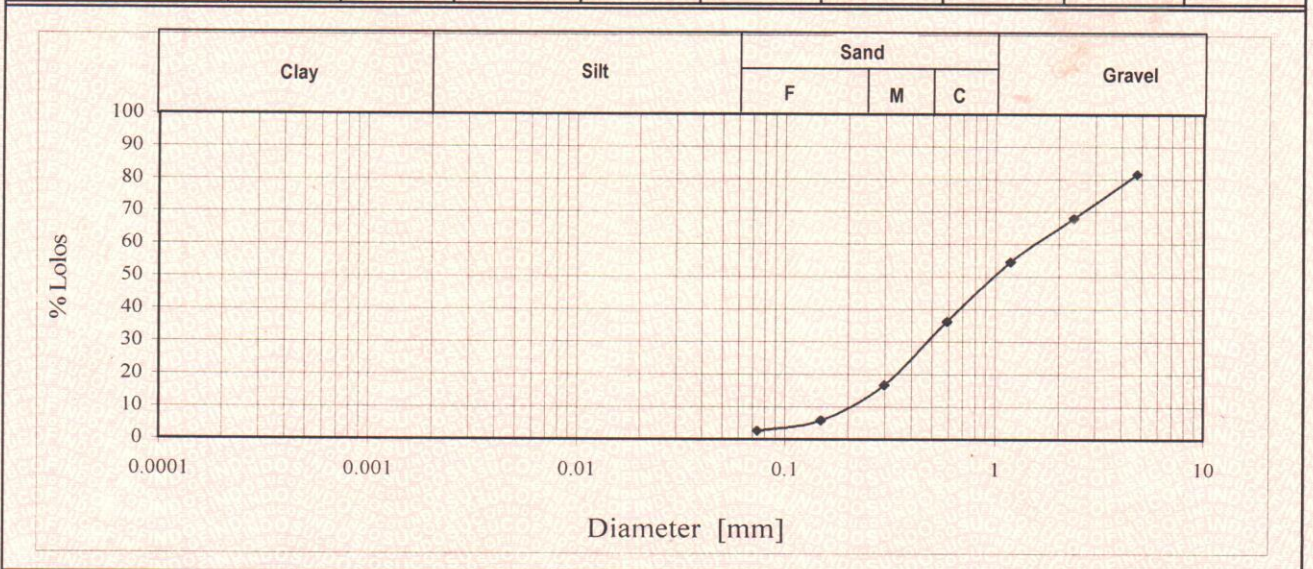
**PT. SUCOFINDO (PERSERO), CIBITUNG
 LABORATORIUM MINERAL
 Jl. Arteri Tol Cibitung No. 1, Cibitung, Bekasi, Telp. 021 - 88321176**

No. Lab : 1040.2419/1 Tanggal : 29-Oct-13 Analis : Harmen Mardona
 Nama Sample : Silica Sand Diperiksa oleh : Ace Fakhruddin

ANALISA UKURAN BUTIR

Code : Cidahu Saringan W_{total} : 100 gram

Saringan No.	Diameter [mm]	Berat tertahan [gram]	%Tertahan	% Lolos Kumulatif
4	4.760	18.40	18.40	81.60
8	2.360	13.70	13.70	67.90
16	1.180	13.40	13.40	54.50
30	0.590	18.30	18.30	36.20
50	0.297	19.50	19.50	16.70
100	0.149	10.80	10.80	5.90
200	0.074	3.30	3.30	2.60
		97.40	97.40	



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