

Nowell, Keith, Env. Health

From: John Lucio <John.Lucio@erm.com>
Sent: Tuesday, September 18, 2018 4:28 PM
To: Nowell, Keith, Env. Health
Cc: Roe, Dilan, Env. Health; Conner, Anne P; Xiaodong Huang; Gina Sperinde; Arun Chemburkar
Subject: FW: Final Report for bulk sampling at Cemex Quarry for the PGE project at 205 Brush Street, Oakland, CA.
Attachments: Cemex-Clayton-Class-II-AB-Gradation.pdf; Cemex-Clayton-Dust-Tailing-Gradation.pdf

Hi Keith,

Per our conversation, attached are the gradations for the two potential fill materials from the Cemex Clayton Quarry. I am still awaiting confirmation on how the surface will be finished.

Thanks,

John Lucio
Program Director

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Clayton Quarry
 515 Mitchell Canyon Road
 Clayton, CA 94517
 925-672-4900

09/07/2018

PSC Industrial Outsourcing
 Email/ Fax: edwin.sargenti@hydrochempsc.com
 Attn: Edwin Sargenti

Project Reference: General Information

We submit the typical test data below for your approval and as certification of the following product:

Source: Clayton # 4402
 SMARA #: 91-07-0004

3/4" CLASS AGGREGATE BASE-1307921

Procedure	Sieve/Test	Average	Unit	CALTRANS CI 2 agg Base
CTM - 201 & 202	1" (25mm)	100.0	%	≥100
	3/4" (19mm)	97.5	%	90-100
	1/2" (12.5mm)	83.0	%	
	3/8" (9.5mm)	69.0	%	
	#4 (4.75mm)	37.8	%	35-60
	#8 (2.36mm)	24.8	%	
	#16 (1.18mm)	17.7	%	
	#30 (0.6mm)	12.9	%	10-30
	#50 (0.3mm)	9.1	%	
	#100 (0.15mm)	6.8	%	
	#200 (75µm)	5.39	%	2-9
C-217	SE	53	%	≥25
CTM - 229	Durability	49		35 min
CTM - 301	R - Value	78		78 min
C - 131	LA Abrasion (500 revs)	16.0	%	50 max
D - 1557	Maximum Density	146.2 pcf @ 7.9 %		

This product complies with CalTrans Standard Specifications, 2010, Section 26-1.02 B for 3/4" Maximum Gradation.

The above referenced product is produced from all virgin material.

If you have any questions, please feel free to contact:

Antonio C. Fuentes, Manager, Quality Control at (925) 426-2293 or

Ron Novak, Quality Control Representative at (925) 303-5021

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09/12/2018

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 Email: edwin.sargenti@hydrochempsc.com
 Attn: Edwin Sargenti

Project Reference: General Information

We submit the typical test data below for your approval and as certification of the following product.

Source: Clayton #4402
 SMARA # 91-07-0004

1/2 x DUST-1312686

Procedure	Sieve/Test	Average	Unit	1/2 x DUST
	3/4" (19mm)	100.0	%	
	1/2" (12.5mm)	100.0	%	
	3/8" (9.5mm)	99.6	%	
	#4 (4.75mm)	87.6	%	
	#8 (2.36mm)	58.6	%	
	#16 (1.18mm)	38.7	%	
	#30 (0.6mm)	30.4	%	
	#50 (0.3mm)	19.4	%	
	#100 (0.15mm)	15.6	%	
	#200 (75µm)	11.18	%	
C-217	SE	58	%	

The above referenced product is produced from all virgin material

If you have any questions, please feel free to contact:

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