



**Plain and Reinforced Concrete Laboratory**  
**Civil Engineering Department**  
 University of Engineering and Technology, Lahore, Pakistan  
 Landline: 042-99029245 & 042-99029202      Mobile: 0307-0496895

**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

4884  
 Dr. Qasim Shaukat

To: Mr. Rana Manzar  
 Project Manager, Strong Ready Mix

Project: Alfatah Mall Gulberg.

Our Ref. No. CL/CED/ 1352

Dated: 03-03-23

Test Specification

Your Ref. No. Nil

Dated: 01-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: **02-03-23** Tested on: **02-03-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	4500 Psi (1)	22	2	2023	6Diax12	---	13.6	28.28	78	6178	---	Non Engraved
2	4500 Psi (2)	22	2	2023	6Diax12	---	13.4	28.28	89	7050	---	Non Engraved
3	4500 Psi (5)	22	2	2023	6Diax12	---	14	28.28	65	5149	---	Non Engraved
4	4500 Psi (9)	22	2	2023	6Diax12	---	14	28.28	50	3960	---	Non Engraved
5	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by: Mr. Javaid Iqbal, Q.S Alfatah CNIC # 35102-48989555

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

**Note:** Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

4860  
 Dr. M. Yousaf

**To:** Mr. Shahzad Waheed  
 Sub Divisional Officer, Aitchison College, Lahore

**Project:** Construction of Sr. Staff Residences, Aitchison College, Lahore

**Our Ref. No.** CL/CED/ 1353

**Dated:** 03-03-23

**Test Specification**

**Your Ref. No.** P-0363

**Dated:** 27/2/2023

( BS 1881-116 )

## COMPRESSION TEST REPORT



**Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers**

**Specimens received on:** 28/2/2023 **Tested on:** 03-03-23 **in dry/wet condition**

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	RCC Work- Slab Ground Floor	14	2	2023	6x6x6	---	8	36	38	2364	---	Engraved
2	RCC Work- Slab Ground Floor	14	2	2023	6x6x6	---	8.2	36	37	2302	---	Engraved
3	---	---	---	---	---	---	---	---	---	---	---	---
4	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

**Witnessed by:**

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6" dia x 12" cylinder) strength at 28 days as compressive strength

**Note:** Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**



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**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

4881  
 Dr. M. Yousaf

To: Director P&D  
 King Edward Medical University, Lahore.

Project: Construction of Overhead Bridge between Boys Hostel Mcleod Road and Mayo Hospital KEMU, Lahore.

Our Ref. No. CL/CED/ 1354

Dated: 03-03-23

Test Specification

Your Ref. No. P&D/KEMU/137-140

Dated: 02-03-23

( BS 1881-116 )

## COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: **02-03-23** Tested on: **03-03-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Pad Sample	29	1	2023	6x6x6	---	8.2	36	107	6658	---	Engraved
2	Pad Sample	29	1	2023	6x6x6	---	8.4	36	91	5662	---	Engraved
3	Pad Sample	29	1	2023	6x6x6	---	8.6	36	91	5662	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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4881  
 Dr. M. Yousaf

To: Director P&D  
 King Edward Medical University, Lahore.

Project: Construction of Overhead Bridge between Boys Hostel Mcleod Road and Mayo Hospital KEMU, Lahore

Our Ref. No. CL/CED/ 1355

Dated: 03-03-23

Test Specification

Your Ref. No. P&D/KEMU/137-140

Dated: 02-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: **02-03-23** Tested on: **03-03-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Column Sample	1	2	2023	6x6x6	---	8	36	90	5600	---	Engraved
2	Column Sample	1	2	2023	6x6x6	---	8.4	36	78	4853	---	Engraved
3	Column Sample	1	2	2023	6x6x6	---	8.2	36	107	6658	---	Engraved
4	---	---	---	---	---	---	---	---	---	---	---	---
5	---	---	---	---	---	---	---	---	---	---	---	---
6	---	---	---	---	---	---	---	---	---	---	---	---
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- \* as engraved on the specimens (if any)
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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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Director/Dy. Director Concrete Laboratory



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4786  
 Dr. M. Yousaf

To: (Brig. Saeed Ahmed Malik) SI (M), (R)  
 Resident Engineer, H&TE Division, NESPAK (Pvt.) Ltd.

Project: Reconstruction of Main Bazar and Link Rehmat Town Manawan PP-155 Wahga Zone Lahore.

Our Ref. No. CL/CED/ 1356

Dated: 03-03-22

Test Specification

Your Ref. No. 4084/BSAM/104/867

Dated: 17/1/2023

( BS 3921\*\* )

## COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 14/2/2023 Tested on: 03-03-23 in dry/wet condition

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY									
1	MA	---	---	---	8.7 x 4.2 x 2.9	3580	3300	36.54	40	2452	8.48	---	
2	MA	---	---	---	8.8 x 4.2 x 2.8	3700	3550	36.96	40	2424	4.23	---	
3	MA	---	---	---	9 x 4.3 x 3	3780	3270	38.7	35	2026	15.6	---	
4	MA	---	---	---	8.8 x 4.3 x 2.9	3630	3255	37.84	47	2782	11.52	---	
5	MA	---	---	---	8.9 x 4.3 x 3	3770	3275	38.27	33	1932	15.11	---	
6	MA	---	---	---	8.8 x 4.2 x 3	3590	3160	36.96	43	2606	13.61	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
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Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

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- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
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Supervisor (Lab)

Director/Dy. Director Concrete Laboratory



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**ORIGINAL**  
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4839  
 Dr. Mazhar

**To:** Divisional Forest Officer  
 Mianwali Forest Division, Mianwali

**Project:** Establishment of Kundian Forest Park

**Our Ref. No.** CL/CED/ 1357

**Dated:** 03-03-22

**Test Specification**

**Your Ref. No.** DFO/MWI/AC/3724

**Dated:** 17-01-23

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## COMPRESSION TEST REPORT



**Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers**

**Specimens received on:** 24/2/2023 **Tested on:** 03-03-23 in dry/wet condition

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY									
1	15	---	---	---	8.7 x 4.3 x 2.7	---	2595	37.41	35	2096	---	---	
2	15	---	---	---	8.6 x 4.3 x 2.7	---	2750	36.98	41	2484	---	---	
3	15	---	---	---	8.6 x 4.2 x 2.5	---	2630	36.12	37	2295	---	---	
4	5	---	---	---	8.6 x 4.3 x 2.7	---	2695	36.98	43	2605	---	---	
5	5	---	---	---	8.6 x 4.3 x 2.7	---	2670	36.98	40	2423	---	---	
6	5	---	---	---	8.6 x 4.3 x 2.7	---	2650	36.98	44	2665	---	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
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**Witnessed by:**

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

1. \* as engraved on the specimens (if any)
2. \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
3. \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
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**Supervisor (Lab)**

**Director/Dy. Director Concrete Laboratory**





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**ORIGINAL**  
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4800  
 Dr. M. Yousaf

To: (Brig. Saeed Ahmed Malik) SI (M), (R)  
 Resident Engineer, H&TE Division, NESPAK (Pvt.) Ltd.

Project: Construction of Roads inside Auto Mobile Parts Market Badami Bagh Ravi Zone Lahore.

Our Ref. No. CL/CED/ 1358

Dated: 03-03-22

Test Specification

Your Ref. No. 4084/BSAM/104/01/857

Dated: 09-01-23

( BS 3921\*\* )

## COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: **16/2/2023** Tested on: **03-03-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*				Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY									
1	HD	---	---	---	8.8 x 4.3 x 2.9	3625	3160	37.84	48	2841	14.72	---	
2	HD	---	---	---	8.8 x 4.3 x 2.8	3600	3230	37.84	44	2605	11.46	---	
3	HD	---	---	---	8.7 x 4.3 x 2.7	3445	3130	37.41	43	2575	10.06	---	
4	HD	---	---	---	8.8 x 4.3 x 2.9	3630	3175	37.84	43	2545	14.33	---	
5	HD	---	---	---	8.8 x 4.3 x 3	3695	3230	37.84	35	2072	14.4	---	
6	HD	---	---	---	8.7 x 4.3 x 2.8	3540	3160	37.41	44	2635	12.03	---	
7	---	---	---	---	---	---	---	---	---	---	---	---	
8	---	---	---	---	---	---	---	---	---	---	---	---	
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 A carbon copy for the report has been retained in the lab for record.

4872  
 Dr. M. Yousaf

To: Engr. Muhammad Ali Murtaza  
 Faisalabad City, District Faisalabad.

Project: Construction of International School, Pine Avenue, Lahore.

Our Ref. No. CL/CED/ 1359

Dated: 03-03-23

Test Specification

Your Ref. No. Nil

Dated: 01-03-23

( ASTM C39 )

## COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 01-03-23 Tested on: 03-03-23 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	4000 Psi	7	1	2023	6Diax12	---	14	28.28	107	8475	---	Non Engraved
2	4000 Psi	7	1	2023	6Diax12	---	14	28.28	109	8634	---	Non Engraved
3	4000 Psi	8	1	2023	6Diax12	---	13.6	28.28	114	9030	---	Non Engraved
4	4000 Psi	8	1	2023	6Diax12	---	13.8	28.28	110	8713	---	Non Engraved
5	4000 Psi	14	1	2023	6Diax12	---	13.4	28.28	98	7762	---	Non Engraved
6	4000 Psi	14	1	2023	6Diax12	---	13.8	28.28	110	8713	---	Non Engraved
7	4000 Psi	16	1	2023	6Diax12	---	13.6	28.28	108	8554	---	Non Engraved
8	4000 Psi	16	1	2023	6Diax12	---	14	28.28	110	8713	---	Non Engraved
9	4000 Psi	18	1	2023	6Diax12	---	13.2	28.28	104	8238	---	Non Engraved
10	4000 Psi	18	1	2023	6Diax12	---	14	28.28	109	8634	---	Non Engraved
11	4000 Psi	23	1	2023	6Diax12	---	13.4	28.28	80	6337	---	Non Engraved
12	4000 Psi	23	1	2023	6Diax12	---	13.6	28.28	80	6337	---	Non Engraved
13	4000 Psi	25	1	2023	6Diax12	---	13.4	28.28	82	6495	---	Non Engraved
14	4000 Psi	25	1	2023	6Diax12	---	14	28.28	89	7050	---	Non Engraved
15	4000 Psi	27	1	2023	6Diax12	---	13.8	28.28	85	6733	---	Non Engraved
16	4000 Psi	27	1	2023	6Diax12	---	13.6	28.28	80	6337	---	Non Engraved

Witnessed by:

Results can also be seen on website <https://civil.uet.edu.pk/concrete-laboratory-reports1/>

- \* as engraved on the specimens (if any)
- \*\* BS3921 requires average of ten clay brick samples for crushing strength and water absorption
- \*\*\* BS5328 requires mean of two cube sample strength at 28 days as characteristic strength
- \*\*\*\* ACI318-08 requires mean of two sample (6"diax12" cylinder) strength at 28 days as compressive strength

**Note:** Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
- The test results are recommended to be interpreted in the light of above factors by the engineer.

Supervisor (Lab)

Director/Dy. Director Concrete Laboratory





**Plain and Reinforced Concrete Laboratory**  
**Civil Engineering Department**  
 University of Engineering and Technology, Lahore, Pakistan  
 Landline: 042-99029245 & 042-99029202      Mobile: 0307-0496895

**ORIGINAL**  
 A carbon copy for the report has been retained in the lab for record.

4867  
 Dr. M. Yousaf

To: Engr. Hasnat Khalid Bajwa  
 Construction Manager, Zameen Aurum

Project: Construction of Zameen Aurum at Plot No. 15 Block L, Gulberg-III, Main Ferozpur Road, Lahore

Our Ref. No. CL/CED/ 1360-1 of 2

Dated: 03-03-23

Test Specification

Your Ref. No. ZD/ZA/ASTR043

Dated: 28/2/2023

( ASTM C39 )

## COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: **28/2/2023** Tested on: **03-03-23** in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	6000 Psi	26	1	2023	6Diax12	---	13.6	28.28	44	3485	---	Non Engraved
2	6000 Psi	26	1	2023	6Diax12	---	13.8	28.28	65	5149	---	Non Engraved
3	4000 Psi	29	1	2023	6Diax12	---	13.2	28.28	72	5703	---	Non Engraved
4	4000 Psi	29	1	2023	6Diax12	---	13.6	28.28	56	4436	---	Non Engraved
5	4000 Psi	29	1	2023	6Diax12	---	13.2	28.28	60	4752	---	Non Engraved
6	6000 Psi	29	1	2023	6Diax12	---	14	28.28	70	5545	---	Non Engraved
7	6000 Psi	29	1	2023	6Diax12	---	13.2	28.28	50	3960	---	Non Engraved
8	6000 Psi	31	1	2023	6Diax12	---	13.4	28.28	70	5545	---	Non Engraved
9	6000 Psi	31	1	2023	6Diax12	---	13.2	28.28	66	5228	---	Non Engraved
10	4000 Psi	31	1	2023	6Diax12	---	13.6	28.28	70	5545	---	Non Engraved
11	4000 Psi	31	1	2023	6Diax12	---	14	28.28	68	5386	---	Non Engraved
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

Witnessed by:

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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

- The laboratory is not responsible for sampling, originality and construction conditions (such as mix proportion, w/c ratio, compaction, curing and quality of ingredients)
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 Dr. M. Yousaf

To: Engr. Hasnat Khalid Bajwa  
 Construction Manager, Zameen Aurum

Project: Construction of Zameen Aurum at Plot No. 15 Block L, Gulberg-III, Main Ferozpur Road, Lahore

Our Ref. No. CL/CED/ 1360-2 of 2

Dated: 03-03-23

Test Specification

Your Ref. No. ZD/ZA/ASTR043

Dated: 28/2/2023

(ASTM C39)

## COMPRESSION TEST REPORT



Concrete Cubes/Concrete Cylinders/Bricks/Cores/Tuff Tiles/Pavers

Specimens received on: 28/2/2023 Tested on: 03-03-23 in dry/wet condition

Sr. No.	Mark*	Casting Date*			Size (in)	Wet Weight (Kg/ gms)	Dry Weight (Kg/ gms)	Area of X-Section (Sq. in)	Ultimate load (Imp.Tons)	Ultimate Stress (psi)	Water Absorption (%)	Remarks
		DD	MM	YYYY								
1	Solid Block	---	---	---	11.9x3.9x7.9	---	13	46.41	30	1448	---	---
2	Solid Block	---	---	---	11.8x3.9x7.9	---	13.4	46.02	35	1704	---	---
3	Solid Block	---	---	---	11.9x6.0x7.9	---	20.2	71.4	57	1788	---	---
4	Solid Block	---	---	---	11.8x5.9x7.9	---	20	69.62	68	2188	---	---
5	Solid Block	---	---	---	11.9x7.9x7.9	---	26.8	94.01	65	1549	---	---
6	Solid Block	---	---	---	12.0x7.8x8.0	---	27	93.6	63	1508	---	---
7	---	---	---	---	---	---	---	---	---	---	---	---
8	---	---	---	---	---	---	---	---	---	---	---	---
9	---	---	---	---	---	---	---	---	---	---	---	---
10	---	---	---	---	---	---	---	---	---	---	---	---
11	---	---	---	---	---	---	---	---	---	---	---	---
12	---	---	---	---	---	---	---	---	---	---	---	---
13	---	---	---	---	---	---	---	---	---	---	---	---
14	---	---	---	---	---	---	---	---	---	---	---	---
15	---	---	---	---	---	---	---	---	---	---	---	---
16	---	---	---	---	---	---	---	---	---	---	---	---

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**Note:** Above results pertain to the unsealed samples supplied to the laboratory

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