

To

The Assistant Engineer (QC)  
Quality Control Lab., DUSIB  
Vikas Kutir, ITO, New Delhi

RNO: 1812

RECEIVED 20 NOV 2017

**Part I**Dispatch No. EE C-12/DUSIB/2017-18/10-892 Date: 20/11/17**Sub: Testing of Coarse/fine sand for particle size distribution/silt content.**A. L. No. WK/7205/185/35/EE C-12/DUSIB/2017-18/D-816 dt 25/10/17Name of Work: lay and use JSC

Sub Head: Construction of 1 no. complex with platform, septic tank and its disposal 30 WCs at J.T. cluster near railway colony cement siding shakurbasti (for cubicles) site-1.  
(PID no. 9615)

1. Details from where sample is collected: ----- From Site -----
2. Name of Circle/Division: ----- SE-IV/Div./C-12 -----
3. Name of Junior Engineer: ----- Sh. Tashav Agor -----
4. Name of Assistant Engineer: ----- A.K. Sardana -----
5. Name of Executive Engineer: ----- Sh. Kamal Singh -----
6. Name of Contractor/Agency: ----- M/s. Rakesh Kumar Gogi -----
7. Name of Officer collecting sample: ----- A.K. Sardana -----
8. Date of collection: ----- 16/11/2017 -----
9. Quantity of sample sent for testing: ----- 1/2 Bag -----

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked-----has/have been taken in my presence which represent-----quantity of works/supply made at site/store.

Tashav Agor  
Signature of JE  
Incharge of work

Tashav Agor  
Signature of Contractor

A.K. Sardana  
Signature of Officer  
taking sample (JE/AE)

**Part II****TEST REPORT**No. SE (QC)/AE (Lab.)/2017-18 /D- 2120Date: 22/11/17Test No. 1812 Date: 20/11/17Date of Receipt: 20/11/17Date of testing: 20/11/17**(A) SILT CONTENT:**Height of Silt : 8mmHeight of Sand : 108mm% age of silt content: 7.41 %**ACCEPTABLE**

$$\frac{8}{108} \times 100 = 7.41 \%$$

**(B) PARTICLE SIZE DISTRIBUTION**Zone IIIWeight of sample tested: 500 gm

S.No	Sieve Size	Weight retained in (gms)	% age wt. retained	Cumulative %age retained	% age passing	Reqd. % age passing as per specs.
1.	10mm	<u>0gm</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>	<u>100</u>
2.	4.75mm	<u>0 "</u>	<u>0.00</u>	<u>0.00</u>	<u>100.00</u>	<u>90-100</u>
3.	2.36mm	<u>12 "</u>	<u>2.40</u>	<u>2.40</u>	<u>97.60</u>	<u>85-100</u>
4.	1.18mm	<u>68 "</u>	<u>13.60</u>	<u>16.00</u>	<u>84.00</u>	<u>75-100</u>
5.	600micron	<u>32 "</u>	<u>6.40</u>	<u>22.40</u>	<u>77.60</u>	<u>60-79</u>
6.	300micron	<u>308 "</u>	<u>61.60</u>	<u>84.00</u>	<u>16.00</u>	<u>12-40</u>
7.	150micron	<u>55 "</u>	<u>11.00</u>	<u>95.00</u>	<u>5.00</u>	<u>0-10</u>
8.	Pan	<u>25 "</u>	<u>5.00</u>	<u>100.00</u>	<u>0.00</u>	<u>-</u>

**ACCEPTABLE**

Only testing has been conducted in this laboratory. The sample/samples has/have been collected and handed over by the field staff of the concerned division.

Singh 20/11/17  
Assistant Engineer (QC-Lab)

DUSIB, Vikas Kutir, ITO

Engineer (QC)

Delhi Urban Shelter Improvement Board

Govt. of N.C.T. of Delhi

Copy to:-

1. EE/C-12