

To

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

RNo. 1528  
RECEIVED 04 OCT 2017 ID-8598

**Part I**

Dispatch No

953/EE/C-6/DUSIB/17-18

Date: 3-10-18

Sub: Testing of Coarse/fine sand for particle size distribution/silt content. Zone III

A.L. No. 33/EEC-6/DUSIB/17-18/0-626 dt 31-7-17.

- Name of work: 40 Shudhu Vateka  
SH: 40 B wall 2 grid in S/L at 55 barth 12Vihar D/A Ph-1 (Near 20 cat SSC)
- Details from where sample is collected From the Site of work-----
- Name of Circle/Division Circle II/C-6-----
- Name of Junior Engineer Sh. Ramesh Kumar-----
- Name of Assistant Engineer Sh. Deepak Kumar Behl-----
- Name of Executive Engineer Sh. O.P. Pruthi-----
- Name of Contractor/Agency Sh. Prakash-----
- Name of Officer collecting sample: Sh. Deepak Kumar Behl-----
- Date of collection: 30-9-17-----
- Quantity of sample sent for testing: One Bag of coarse sand-----

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/  
samples marked-----X-----has/have been taken in my presence which represent 30 quantity  
of works/supply made at site/store.

Signature of JE  
Incharge of work

Signature of Contractor

Signature of Officer  
taking sample (EE/AE)

**Part II****TEST REPORT**

No. SE (QC)/AE (Lab.)/2017-18/D-1789

Test No. 1528

Date: 4.10.17

Date: 06/10/17

Date of Receipt:

04/10/2017

Date of testing:

04/10/2017

**(A) SILT CONTENT:**

Height of Silt :

8 mm

Height of Sand :

104 mm

% age of silt content:

$$\frac{8}{104} \times 100 = 7.69\%$$
**(B) PARTICLE SIZE DISTRIBUTION**

Weight 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	0 gm	0.00	0.00	100.00	100
2.	4.75mm	0 "	0.00	0.00	100.00	90-100
3.	2.36mm	29 "	5.80	5.80	94.20	85-100
4.	1.18mm	46 "	9.20	15.00	85.00	75-100
5.	600micron	62 "	12.40	27.40	72.60	60-75
6.	300micron	254 "	50.80	78.20	21.80	12-40
7.	150micron	78 "	15.60	93.80	6.20	0-10
8.	Pan	31 "	6.20	100.00	0.00	-

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.

Copy to:-

- EE/C-6
- dc

Assistant Engineer (QC-Lab)  
DUSIB, Vikas Kutir, ITO  
Delhi Urban Shelter Improvement Board  
Govt. of N.C.T. of Delhi  
ITO, New Delhi-02