

To

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

RNO. 2289

09 JAN 2018

Part IDispatch No. DUSIB/17-18Date: 9/1/18

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

A. L. No. WJ-6981/(261)EE/C-6/DUSIB/2017-18/D-424 Dt.:07.06.2017

- Name of work: Construction of BVK/C hall.
SH: Construction of additional Basti Vikas Kendra behind Vridha ashram (near hanuman mandir) JJ Bas Janta Jeevan Camp Tigr.
- Details from where sample is collected From the Site of work-----
- Name of Circle/Division Circle II/C-6-----
- Name of Junior Engineer-----
- Name of Assistant Engineer Sh. Deepak Behl-----
- Name of Executive Engineer Sh. O.P. Pruthi-----
- Name of Contractor/Agency M/S Chhavi Construction Co.-----
- Name of Officer collecting sample: Sh. Deepak Behl-----
- Date of collection: 09.1.18-----
- Quantity of sample sent for testing: One Bag of coarse sand-----
1/4

Specimen relating to work mentioned above is/are sent for testing. It is certified that the sample/samples marked T-6 has/have been taken in my presence which represent-----quantity of works/supply made at site/store.

Signature of JE
Incharge of work

Signature of Contractor

Signature of Officer
taking sample (JE/AE)

Part II**TEST REPORT**No. SE (QC)/AE (Lab.)/2017-18/D- 2555Date: 10/1/18Test No. 2289Date: 9.1.18

Date of Receipt:

Date of testing:

(A) SILT CONTENT:

Height of Silt :

Height of Sand :

% age of silt content:

not armed for

(B) PARTICLE SIZE DISTRIBUTION

Zone III

Weight of sample tested: 500gm

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>100.0</u>	<u>100</u>
2.	4.75mm	<u>0 "</u>	<u>0.00</u>	<u>0.00</u>	<u>100.0</u>	<u>90-100</u>
3.	2.36mm	<u>38 "</u>	<u>7.60</u>	<u>7.60</u>	<u>92.40</u>	<u>85-100</u>
4.	1.18mm	<u>82 "</u>	<u>16.40</u>	<u>24.0</u>	<u>76.0</u>	<u>75-100</u>
5.	600micron	<u>60 "</u>	<u>12.0</u>	<u>36.0</u>	<u>64.0</u>	<u>60-75</u>
6.	300micron	<u>184 "</u>	<u>36.8</u>	<u>72.80</u>	<u>27.20</u>	<u>12-40</u>
7.	150micron	<u>104 "</u>	<u>20.80</u>	<u>93.60</u>	<u>6.40</u>	<u>0-10</u>
8.	Pan	<u>32 "</u>	<u>6.40</u>	<u>100.0</u>	<u>0.0</u>	<u>-</u>

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.

Assistant Engineer (QC-Lab)

DUSIB, Vikas Kutir, ITO

Assistant Engineer (QC)

Delhi Urban Shelter Improvement Board

Copy to:-

1. EE/C-6
2.