

ACTUAL ASSEMBLY AND STRATA CHART AS PER LOGGING REPORT

M/s Welspun-Kaveri JV Lower Parel (West) Mumbai.

Under Jal Jeevan Mission

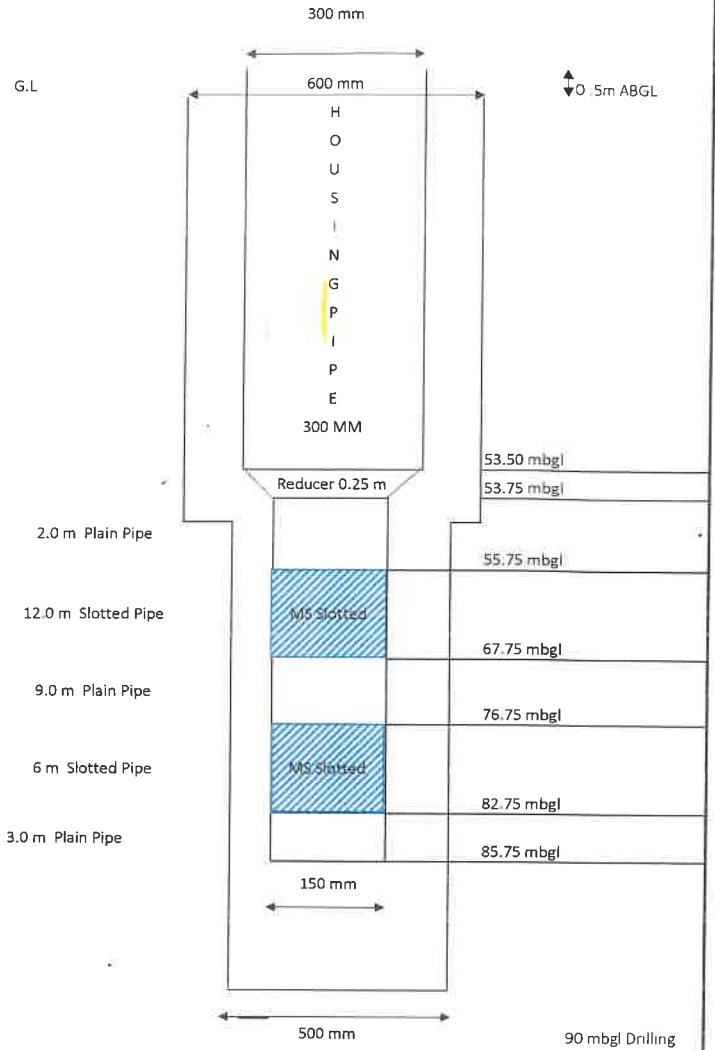
Proposed Discharge from Tubewell

750 LPM

Proposed Discharge from Pump

450 LPM

Name - **Varjikala Uparwar W/S Scheme, Block- Aurai, District- Sant Ravidas Nagar**



Logging Report				
Date-22/09/2023				
Logging Depth in meter		89		
Drilling Depth in meter		90 Mtr		
S.No	Depth Range (in Meter)		Thickness in meter	Remark
	From	To		
1	35	45	10	Good All
2	47	51	4	
3	55	68	13	
4	76	83	7	
5			0	

Details

S.No.	Description	Depth in meter
1	Depth of Bore 600 mm (in m)	60
2	Depth of Bore 500 mm (in m)	30
3	Drilling depth	90
4	Date of lowering	16-11-2023
5	Housing pipe 300 MM (in m)	54
6	Plain Pipe 150 MM (in m)	14
7	Slotted pipe Pipe 150 MM (in M)	18
8	Reducer 300x150 (in M)	0.25

Kartkey
M/s Medha TEC. Con. PVT LTD
TPI AGENCY

R. Yadav
M/S WELSPUN-KAVERI-JV
Contractor

Manoj
Manoj Maurya
J.E.

Suresh
Suresh Yadav
A.E.

Shahnawaz
E.E

Office of The Executive Engineer, Division Office (E/M), U.P. Jal Nigam, Sonbhadra

Yield Test Report of Varjikala Uparwar T.W. Block –Aurai District–Sant Ravidas Nagar by O.P Unit.

S.W.L: 15.00m Column Pipe Lowered: 30m Size of Venturi: 6"x5" Date of Test: 30/11/2023


Design Pump Discharge: 450 LPM

Sl. No.	Discharge		Running water level (In m.)	Depression	Sand content in P.P.M.				Remark	
	In inch	In L.P.M.			At start	After 5 min	After 10 min	After 15 min		After 20 min
1	2	3	4	5	6	7	8	9	10	11
1	40"	1192	21.00	6.00	280	100	50	Tr.	Cl.	Cl.
2	25"	945	20.00	5.00	200	150	Tr.	Cl.	Cl.	Cl.
3	14"	702	19.00	4.00	50	Tr.	Cl.	Cl.	Cl.	Cl.

Yield Test Taken in Presence of Following: -


M/S. WKIJV


Kartikey
(TPIA)


Manoj Maurya
(J.E.)


Suresh Yadav
(A.E.)

Shahnawaz
(Executive Engineer)
Division Office (E/M), U.P. Jal Nigam, Sonbhadra

Office of The Executive Engineer, Division Office (E/M), U.P. Jal Nigam, Sonbhadra

Yield Test Report of : Varjikala Uparwar T.W. Block – Aurai District – Sant Ravidas Nagar by Air Compressor
 Size of tube well : 300 mm x 150 mm Dia Size Depth of air line at the time of Testing : 80 m
 Static water level : 15.00 m Discharge by -90° 'V' notch (Rectangular)
 Date: 23/11/2023

S.N	Pressure in kg/cm ²		Depression		Discharge by 'V' Notch		Sand content in P.P.M.					Remark
	Starting pressure	running pressure	In kg/cm ²	In Mtr.	Inch	LPM	At start	After 5 min	After 10 min	After 15 min	After 20 min	
1	8.0	7.4	0.60	6	7"	1143	4300	2500	1950	1000	300	Recommended for further development by O.P. Unit
2	8.0	7.5	0.50	5	6½"	946	2500	1400	900	300	50	
3	8.0	7.6	0.40	4	6"	776	1500	1000	800	100	Tr.	

Testing carried out in presence of following officials.


M/S. WKIJV


Kartikey
(TPIA)


Manoj Maurya
(J.E.)


Suresh Yadav
(A.E.)

Shahnawaz
(Executive Engineer)
Division Office (E/M), U.P. Jal Nigam, Sonbhadra