

ACTUAL ASSEMBLY AND STRATA CHART AS PER LOGGING REPORT

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

Under Jal Jeevan Mission

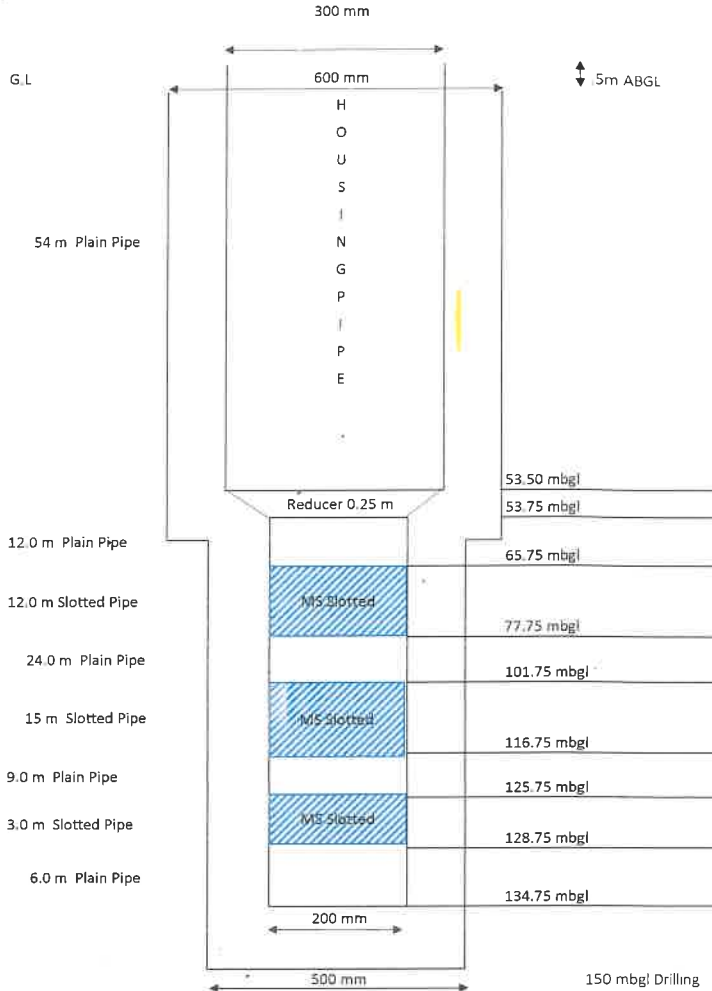
Proposed Discharge from Tubewell

2000 LPM

Proposed Discharge from Pump

1200 LPM

Name - **Yakubpur W/S Scheme, Block - Bhadohi, District- Sant Ravidas Nagar**



Logging Report				
Date- 22-10-2023				
Logging Depth in meter			150 M	
Drilling Depth in meter			150 M	
S.No	Depth Range(in Meter)		Thickness in meter	Remark
	From	To		
1	65	78	13	Good All
2	101	117	16	
3	125	130	5	
4	132	138	6	
5	143	147	4	
6	150	154	4	
7				

Details		
S.No.	Description	Depth in Meter
1	Depth of Bore 600 mm(in m)	60
2	Depth of Bore 500 mm (in m)	90
3	Drilling depth	150
4	Date of lowering	27-11-2023
5	Housing pipe 300 MM (in m)	54
7	Slotted pipe Pipe 300 MM (in M)	0
6	Plain Pipe 200 MM (in m)	51
7	Slotted pipe Pipe 200 MM (in M)	30
8	Reducer 300x200 (in M)	0.25

Signature
M/s Medhaj TEC. Con. PVT LTD
TPI AGENCY

Signature
M/S WELSPUN KAVERI-JV
Contractor

Signature
Manoj Maurya
J.E.

Signature
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 Yakubpur T.W. Block – Bhadohi 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: 13/12/2023

Design Pump Discharge: 1200 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	14"	2089	21.00	6.00	400	200	100	50.	Tr.	Recommended Discharge 1200 L.P.M. at 4.0 m
2	10"	1771	20.00	5.00	300	200	100	Tr.	Cl.	Depression After running 10-minute Bypass.
3	8"	1579	19.00	4.00	100	Tr.	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 : Yakubpur T.W. Block – Bhadohi District – Sant Ravidas Nagar by Air Compressor

Size of tube well : 300 mm x 200 mm Dia Size Depth of air line at the time of Testing: 126 m

Static water level : 15.00 m Discharge by-90° 'V' notch (Rectangular)

Date: 04/12/2023

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				3	4	5	6	7	8	9	10	11	
1	12.0	11.4	0.60	6	9"	2107	4500	2700	2000	1000	300	300	Recommended for further development by O.P. Unit
2	12.0	11.5	0.50	5	8½"	1831	3000	1400	900	400	200	200	
3	12.0	11.6	0.40	4	8"	1571	1400	1000	800	300	100	100	

Testing carried out in presence of following officials.


M/S. WKJJV


Karikey
(TPIA)


Manoj Maurya
(J.E.)


Suresh Yadav
(A.E.)

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