

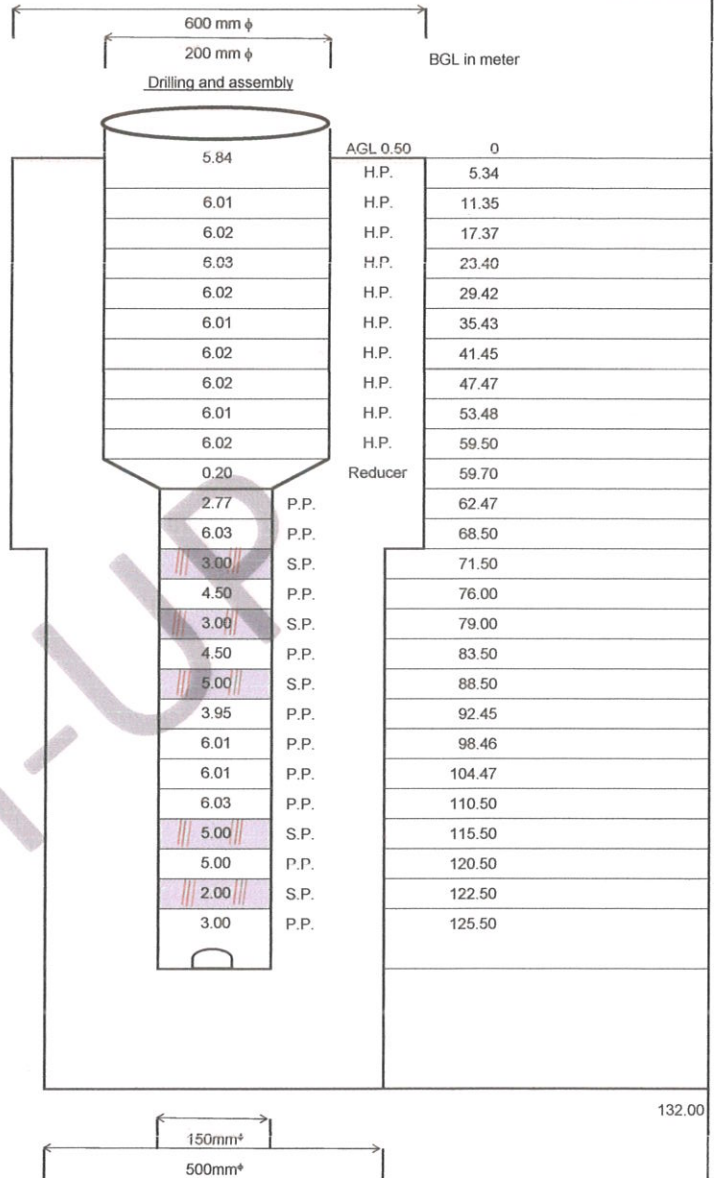
M/S Ion Exchange(India) Ltd,Chandauli (U.P)

Regd. Office-Flat No. 1,2, Sixth floor, Saran Chambers, 5 Park Road Lucknow-226001

Under Jal Jivan Mission,District- Chandauli (U.P.)

Actual TW Assembly of MASOI scheme, Block-Shahabganj Distt. Chandauli

PHYSICAL STRATA			
S.No.	BGL in meter		Formation
	From	to	
1	0	8	Surface clay
2	8	30	hard clay with kankad
3	30	60	fine sand to medium sand
4	60	80	Medium Sand
5	80	132	Medium Sand with kankad



Logging Report					
Date of Logging-19-02-2024					
S.N.	Depth (Mbg)		Thickness (m)	Quality (In terms of Salinity)	Remark
	From	to			
1	30	35	5	Good	
2	39	52	13	Good	
3	68	72	4	Good	
4	76	79	3	Good	
5	83	89	6	Good	
6	110	116	6	Good	
7	120	123	3	Good	

DETAILS		
1	Date of lowering	07-03-2024
2	Depth of bore 600mm φ	65.00 Mbg
3	Depth of bore 500mm φ	75.00 Mbg
4	Housing pipe 200 mm φ	60.00 Mtr
5	Plane pipe 150 mm φ	47.80 Mtr
6	Screen pipe 150 mm φ	18.00 Mtr
7	200x150 mm φ Reducer	0.20 Mtr
8	Total	126.00 Mtr

Company Repre. M/S ION EXCHANGE INDIA LTD., CHANDAULI	TPIA Medhaj Techno Concept Pvt. Ltd.,Chandauli	(A. K. Saroj) Junior Engineer	(P. C. Gupta) Assistant Engineer Division Office (E&M), U.P.Jal Nigam (Rural), Varanasi	(Adarsh Verma) Exe. Engineer

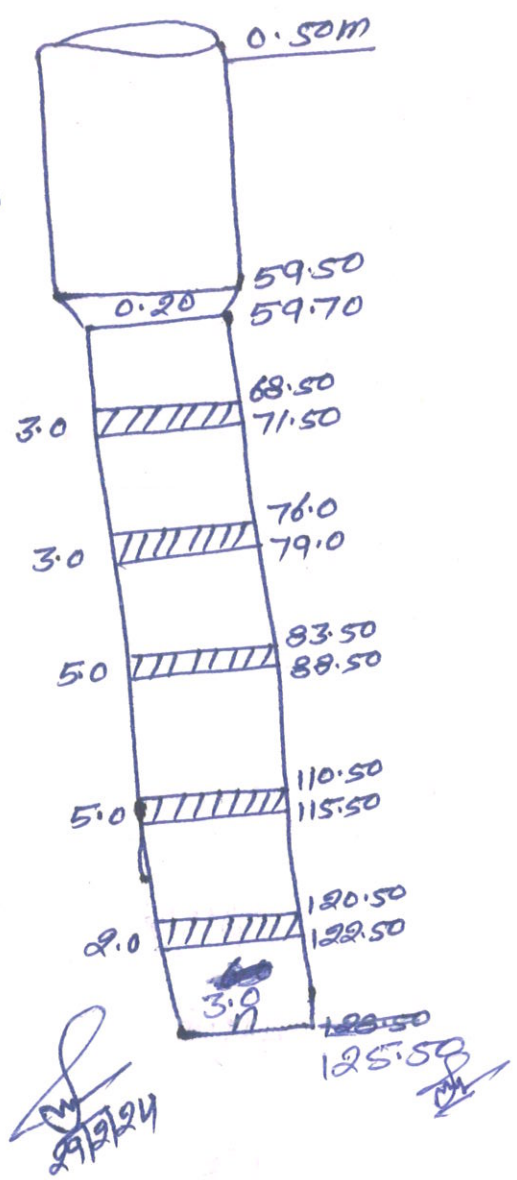
Iron

Proposed T/W Assembly of Masoi T/W
Block - Sahabganj Dist. - Chandauli

LPM = 400

$200\text{mm} \phi \text{ P.P.} = 60.0$
 $150\text{mm} \phi \text{ P.P.} = 50.80 \quad 47.80$
 $150\text{mm} \phi \text{ S.P.} = 18.0$
 $\text{Reducer} = 0.20$

 $\underline{126.0} \quad 126$



Proposed



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Ref. No. : AGS/EL/2024/CNDL - 77
Date : 20/02/2024

GEOPHYSICAL BOREHOLE LOGGING REPORT

Site Name : Masoi
Location : 25.127443, 83.312909
Block : Sahabganj
District : Chandauli
State : Uttar Pradesh
Logging Depth : 125 Mbgl
Rm/Rw : 13/12
Date of Logging : 19-February-2024
Logged By : Mr. Shobhit Srivastava (Hydrogeologist)
Logger Make : GIT
Tubewell Drilled By : M/S Ion Exchange, Chandauli Uttar Pradesh
Representative : M/S S Construction Company


200x150
LPM=2000
S.P.=18

Based on the interpretation of Self Potential(SP), Short Normal(N-16''), Long Normal(N-64'') and Lateral(6'') Geophysical Logs, following informations/granular zones have been deciphered with respect to Salinity only:

SI No.	Depth Range (mbgl)	Thickness (meters)	Quality Remarks (in term of Salinity)
1	30-35	5	Good
2	39-52	13	Good
3	68-72	4	Good
4	76-79	3	Good
5	83-89	6	Good
6	110-116	6	Good
7	120-123	3	Good

Note: 1- All zones intermixed with thin bands of kankar.

2- SR no 5 have thin band of fine sand. And sr no 2 is fine sand in nature.


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Sanjeet Sharma
(Hydrogeologist)