

# **GEO-PHYSICAL WELL** **ELECTROLOGGING REPORT**

Ref No-27-06-08/SURYA/2024

Date- 27 June 2024



**Borehole Drilled By-**  
Vishvaraj Environment Pvt.Ltd.

**Log Report By-**  
Surya Borewell & Traders,  
Sikandra, Kanpur Dehat



# SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat

Ref No: -27-06-08/ SURYA/2024

Date: 27 June 2024

## GEOPHYSICAL WELL LOGGING REPORT

### General Description (As reported)

<b>Site Location</b>	: Vill – Bhimpur Naigaja, Block- Puranpur
<b>District</b>	: Pilibhit
<b>Drilled Depth</b>	: 159 m
<b>Borehole drilled by</b>	: Vishvaraj Environment Pvt.Ltd .
<b>Logged Depth</b>	: 159 m bgl
<b>Date of Logging</b>	: 26 June 2024, 14:16 hrs
<b>Rm &amp; Rsw</b>	: 14.50 $\Omega$ -m & 15.20 $\Omega$ -m
<b>Lat. &amp; Long</b>	: 28.569335 & 80.092104

Based on interpretation of presented geophysical logs (S.P., Short Normal N16", Long Normal N64" and Lateral 6'), the location of comparatively suitable granular zones is as mentioned below –

Ser No	Depth Range (in meter below ground level)		Thickness (in meter)	Remark (Quality of formation water) (as appear)	Lithology Geological Formation
	From	To			
1.	16	49	33	Good	Medium to Courser sand
2.	56	74	18	Good	Medium to Courser sand
3.	81	90	09	Good	Medium to Courser sand
4.	96	129	33	Good	Medium to Courser sand
5.	140	155	15	Good	Medium to Courser sand

**Note:** -The interpretation of mentioned geophysical logs reveals that-

1. Every granular zone contains fine sediments with kanker as per the data given in the table.
2. Granular zones other than mentioned above are either highly mixed with clay kanker or very fine.
3. Quality of formation water up to logging depth is Good.
4. Log data Attached.

Geophysical Log Interpreted by

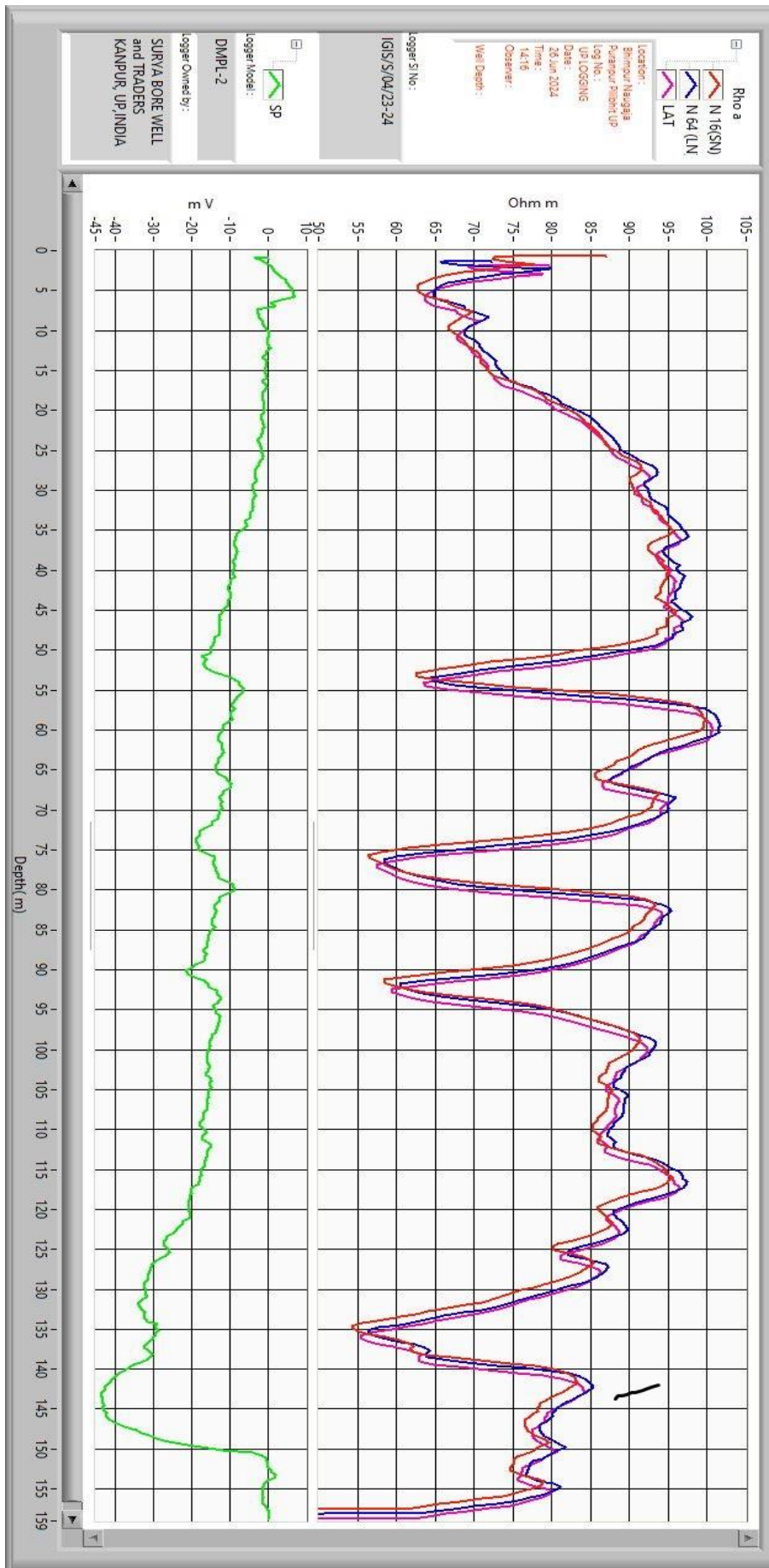
(Rajeev Kumar)  
Geophysicist

M. Sc (Tech) Geophysics



# SURYA BOREWELL & TRADERS

Address – Sikandra, Kanpur Dehat



GST No. – 09BKAPM7283A3Z6

Mob - 09451000641



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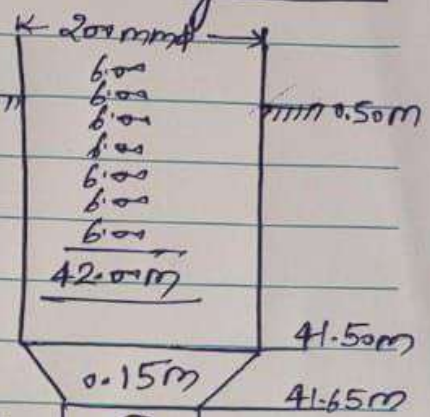




Date - 28/06/2024

Bhimpur Naugaja GP wss Under TJM Programme  
Block - Pusanpur Distt - Pilibhit

D - 1.50m (500x500)mmφ  
 L - 140m (200x150)mmφ (200x150) (42+74+24)mφ  
 Discharge - 500 LPM / 7.50 kW



Strata As per Logges -  
 56-74m - medium Sand to Coarser Sand  
 81-90m - med to Coarse Sand  
 96-129m - medium to Coarse Sand

200mmφ (HP)	150mmφ (PP)	150mmφ (SP)	6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
			6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
			6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
			6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
			6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
			6.00	5.00	6.00	6.00	6.00	6.00	6.00	6.00
			6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
			6.00	6.00	6.00	6.00	6.00	6.00	6.00	6.00
			6.00	6.00	24.00m	6.00	6.00	6.00	6.00	6.00
			6.00	2.00		5.00	10			
			42.00m	6.00		6.00	11			
				6.00		6.00	12			
				6.00		6.00	13			
				6.00		6.00	14			
				6.00		6.00	15			
				6.00		6.00	16			
				6.00		6.00	17			
				6.00		6.00	18			
				6.00		6.00	19			
				6.00		6.00	20			
				6.00		6.00	21			
				6.00		6.00	22			
				6.00		6.00	23			
				6.00		6.00	24			
				6.00		6.00	25			
				6.00		6.00	26			
				6.00		6.00	27			
				6.00		6.00	28			
				6.00		6.00	29			
				6.00		6.00	30			
				6.00		6.00	31			
				6.00		6.00	32			
				6.00		6.00	33			
				6.00		6.00	34			
				6.00		6.00	35			
				6.00		6.00	36			
				6.00		6.00	37			
				6.00		6.00	38			
				6.00		6.00	39			
				6.00		6.00	40			
				6.00		6.00	41			
				6.00		6.00	42			
				6.00		6.00	43			
				6.00		6.00	44			
				6.00		6.00	45			
				6.00		6.00	46			
				6.00		6.00	47			
				6.00		6.00	48			
				6.00		6.00	49			
				6.00		6.00	50			
				6.00		6.00	51			
				6.00		6.00	52			
				6.00		6.00	53			
				6.00		6.00	54			
				6.00		6.00	55			
				6.00		6.00	56			
				6.00		6.00	57			
				6.00		6.00	58			
				6.00		6.00	59			
				6.00		6.00	60			
				6.00		6.00	61			
				6.00		6.00	62			
				6.00		6.00	63			
				6.00		6.00	64			
				6.00		6.00	65			
				6.00		6.00	66			
				6.00		6.00	67			
				6.00		6.00	68			
				6.00		6.00	69			
				6.00		6.00	70			
				6.00		6.00	71			
				6.00		6.00	72			
				6.00		6.00	73			
				6.00		6.00	74			
				6.00		6.00	75			
				6.00		6.00	76			
				6.00		6.00	77			
				6.00		6.00	78			
				6.00		6.00	79			
				6.00		6.00	80			
				6.00		6.00	81			
				6.00		6.00	82			
				6.00		6.00	83			
				6.00		6.00	84			
				6.00		6.00	85			
				6.00		6.00	86			
				6.00		6.00	87			
				6.00		6.00	88			
				6.00		6.00	89			
				6.00		6.00	90			
				6.00		6.00	91			
				6.00		6.00	92			
				6.00		6.00	93			
				6.00		6.00	94			
				6.00		6.00	95			
				6.00		6.00	96			
				6.00		6.00	97			
				6.00		6.00	98			
				6.00		6.00	99			
				6.00		6.00	100			

200mmφ (HP) = 42.00m

150mmφ (P.P) = 67.00m

150mmφ (SP) = 24.00m

(200 x 150)mmφ Red = 0.15m

Total = 133.15m

A.G.L = 0.50m

B.G.L = 132.65m

Total = 133.15m