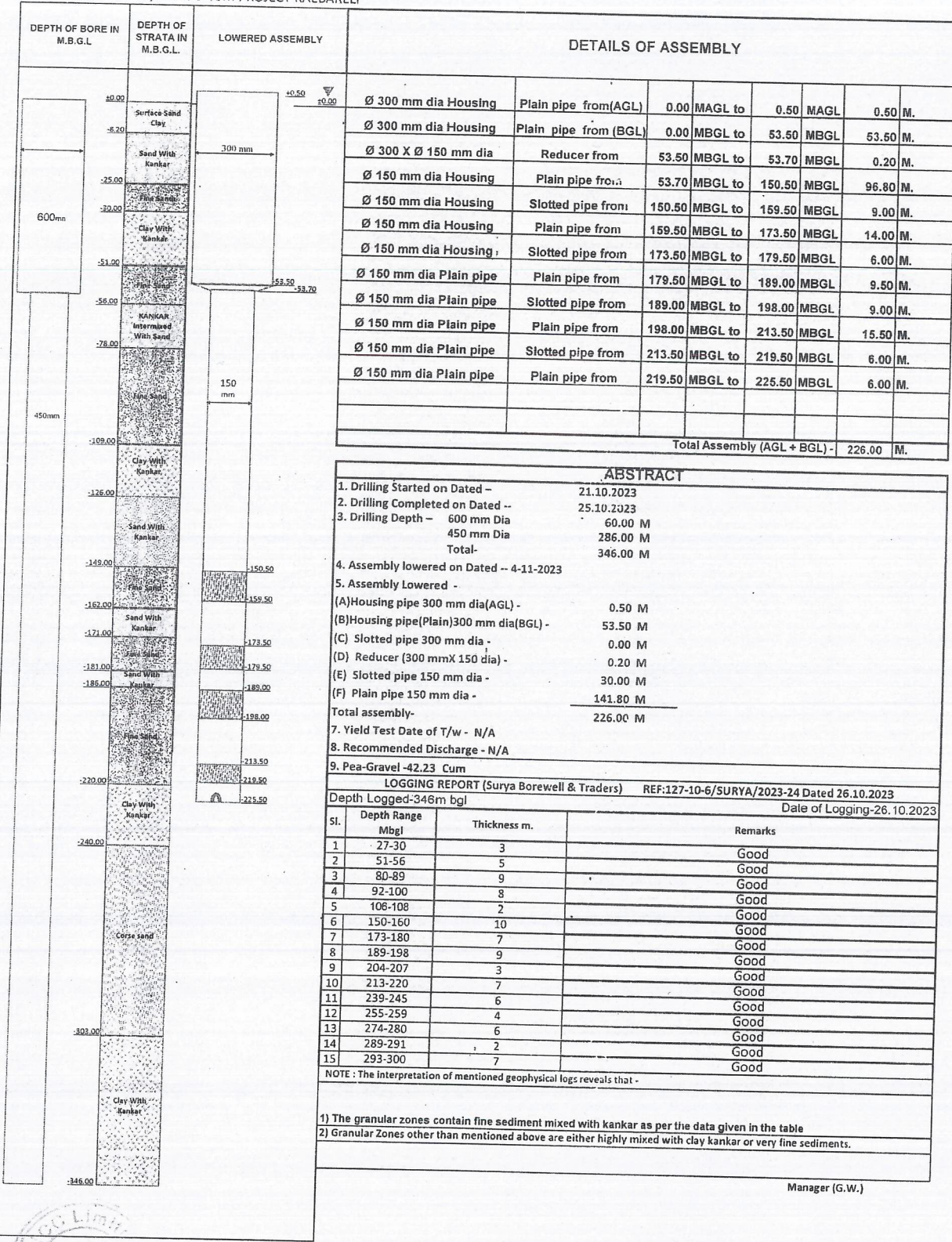


**OFFICE OF THE EXECUTIVE ENGINEER  
DIVISIONAL OFFICE (E/M), U.P. JAL NIGAM, LUCKNOW**

Lowered Assembly Plan-RASULPUR DHARAWA, BLOCK-DEENSHAH GAURAUUNDER JJM PHASE-II--(647/8) District - Raebareli  
 Type of Rig Machine- D. C RIG MACHINE Size of Bore - 600 X 450mm, Static W/L- LPM-850  
 Contractor Name - M/S NCC SWSM PROJECT RAEBARELI



Prepared & Proposed By: *[Signature]* M/S NCC, PROJECT (SWSM-Raebareli)  
 Checked By: *[Signature]* Junior Engineer (UPJN)  
 Recommended By: *[Signature]* Assistant Engineer (UPJN)  
 Approved By: *[Signature]* Executive Engineer (UPJN)



# SURYA BORWELL & TRADERS

Address- Mahmudpur Buzurg, Sikandra, Kanpur Dehat

127-10-26/SURYA/2023-24

26.10.2023

## GEOPHYSICAL WELL LOGGING REPORT

### General Description (as reported)

Village	:	RASULPUR DHARAWAN
Block	:	DEENSHAH GAURA
District	:	RAEBARELI
Borehole Drilled By	:	NCC India Ltd.
Drilled Depth	:	351 mts. (as reported)
Borehole Logged By	:	Surya Borewell & Traders, Kanpur Dehat
Logged Depth	:	346 mbgl.
Date of Logging	:	October 26, 2023
Rm	:	10.1 $\Omega$ -m
Rsw	:	10.8 $\Omega$ -m

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

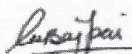
S. no.	Depth Range (in meter below ground level)		Thickness (in meter)	Remark (Quality of formation water) (as appear)
	From	To		
1	27	30	03	Good
2	51	56	05	Good
3	80	89	09	Good
4	92	100	08	Good
5	106	108	02	Good
6	150	160	10	Good
7	173	180	07	Good
8	189	198	09	Good
9	204	207	03	Good
10	213	220	07	Good
11	239	245	06	Good
12	255	259	04	Good
13	274	280	06	Good
14	289	291	02	Good
15	293	300	07	Good

### Note :-

The interpretation of mentioned geophysical logs reveals that -

1. The granular zones contain fine sediments mixed 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 sediments.

Presented E.Log Interpreted by



(R.K. BAJPAI)