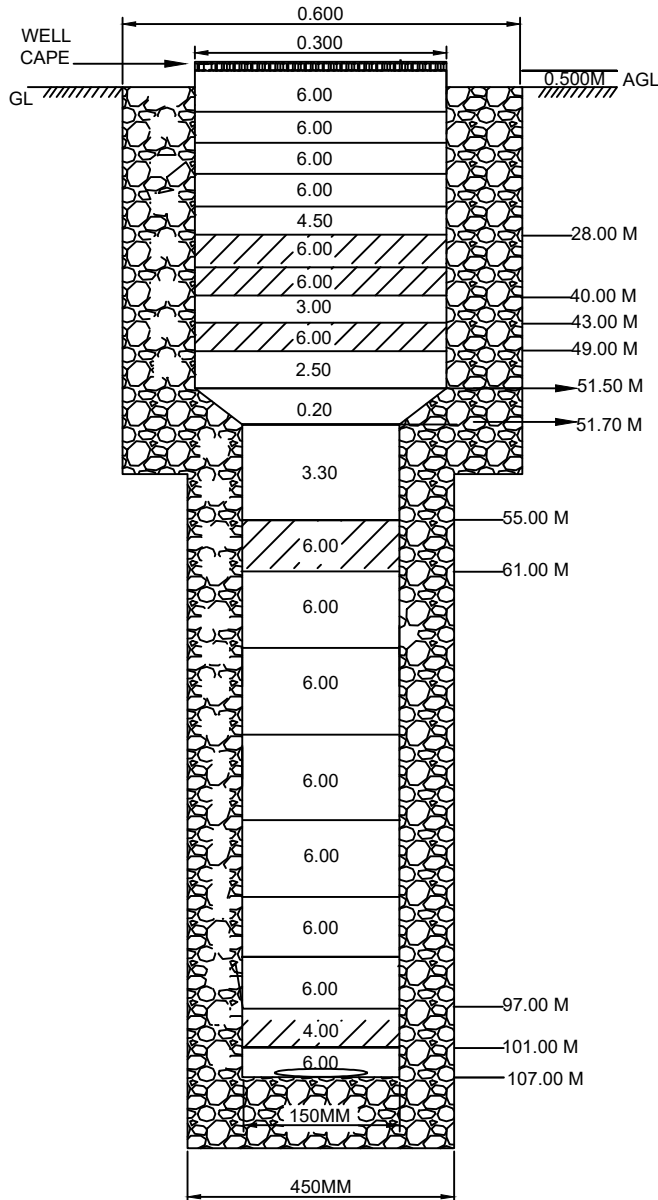




VINDHYA TELELINKS LTD -GAJA ENGINEERING PVT.LTD.JV  
 Actual T.W. Assembly & Strata Chart As Per Logging Report  
 G P-, Sonikpur , Block - Trivediganj , Barabanki  
 JJM Phase - III



Actual Assembly for Lowering		
1	Bore Size	600*450 mm
2	T.W. Assembly size	300*150 mm
3	Discharge	1123 LPM/20 M HP
4	Date of Logging	27-07-2023
5	Date of lowering	28-07-2023

1	300mm@Housing Pipe	34.00 M
2	150mm@Plain Pipe	45.3 M
3	300MM@Slotted Pipe	18.00M
4	150MM@Slotted Pipe	10.00 M
5	300*150mm Reducer	0.20 M
6	Total Length	107.50
7	AGL	(-)0.50
8	Lowering Length	107.00

Logging Report (27-07-23)		
1	17 - 26	09 M
2	26 - 41	15 M
3	41 - 53	12 M
4	55 - 61	06 M
5	79 - 82	03 M
6	97 - 101	04 M

VTL - GAJA JV

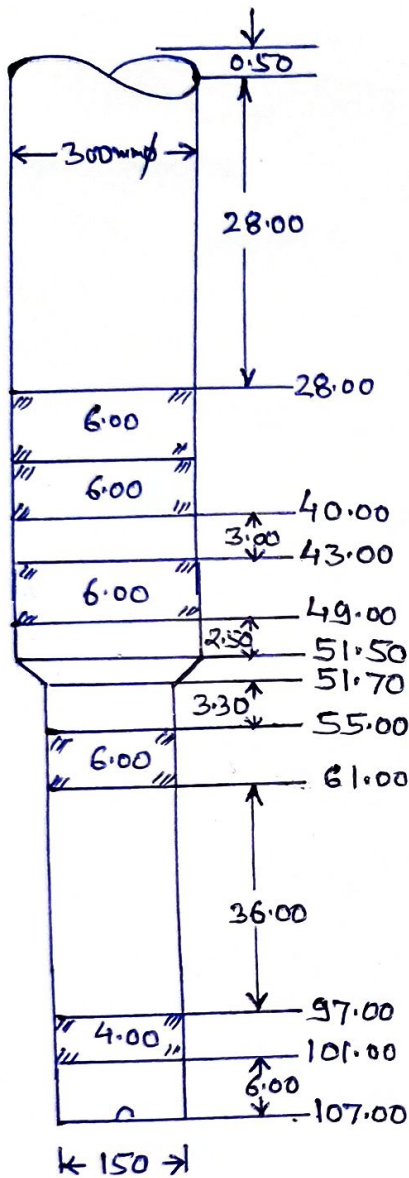
TPI

JE E & M  
UPJN

AE E & M  
UPJN

EE E & M  
UPJN

Proposed TW Assembly chart of Sonikpur w/s scheme block Trivediganj dist Barabanki



- 1- Discharge - 1123 LPM
- 2- Motor HP - 20HP
- 3- Assembly size - 300 x 150mm
- 4- Bore  $\phi$  = 600 x 450mm
- 5- Logging Report dt. 27-7-23

- i- 17-26 = 9 medium to finesand
- (12) - 2- 26-41 = 15 medium to finesand
- (6) - 3- 41-53 = 12 Finesand
- (6) - 4- 55-61 = 6 medium to sand
- 5- 79-82 = 3 Finesand
- (4) - 6- 97-101 = 4 medium to sand



**GROUND WATER DEPARTMENT**  
**GOVERNMENT OF UTTAR PRADESH**  
Lucknow-226002



***GEOPHYSICAL BOREHOLE-LOGGING REPORT***

- 1.Date of Logging:** 27/07/2023 **2.Village:** Sonik Pur  
**3.Location:** Kasturba Colleague **4. Block:** Trivedi Ganj  
**5.District:** Barabanki **6.Latitude & Longitude:** 26.6210 & 81.2811.  
**7.Drilling depth:** 165m bgl **8.Logging depth:**165 m bgl  
**9.Logging Company:** UP Ground Water Department **10.Bore hole drilled by:** VTL.  
**11.Recorded Geophysical log data:** SP,Natural gamma & Resistivity (16 N & 64 N).  
**12.(i)Resistivity of Mud (Rm):** 9.60 ohm-m. **(ii)Resistivity of fresh water(Rf):** 11.70 ohm-m.  
**13.On the basis of interpretation of recorded log data in open hole detail report is made is as follows:-**  
(a)**Acquifer:** The depth zones with high resistivity and relatively low Natural Gamma radioactivity values are referred as Aquifer Zones.  
(b)**Clay:** The depth zones with less resistivity and relatively high Natural Gamma radioactivity values are referred as Clay zones.

**Based on the downhole Geophysical Parameters following information(Granular zones) deciphered:-**

S.No	Depth Range (m bgl)	Thickness (meter)	Lithology	Acquifer Recommendation	Remark (Quality of aquifer water)
1.	17-26	9	Medium to fine sand	Recommended	Good
2.	26-41	15	Medium to fine sand	Recommended	Good
3.	41-53	12	Fine sand	Recommended	Good
4.	55-61	6	Medium to fine sand	Recommended	Good
5.	79-82	3	Fine sand	Recommended	Good
6.	97-101	4	Medium to fine sand	Recommended	Good

**14.Note:-**

- (i) All Zones are intermixed with kankar.  
(ii) Zone 1 & 2 is intermixed with thin layers of kankar.  
**15.**Quality of the formation water is good up to Logging depth.  
**16.**Log Attached.

*Rajeev Kumar*  
**Rajeev Kumar**  
Geophysicist  
National Hydrology Project  
Ground Water Department Lko. U.P.



**GROUND WATER DEPARTMENT**  
**GOVERNMENT OF UTTAR PRADESH**  
Lucknow-226002





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**SONIK PUR  
TRIVEDI GANJ**

COMPANY LUCKNOW - GWD  
WELL SONIK PUR  
WELL EXT TRIVEDI GANJ  
FIELD BARABANKI  
COUNTY IND  
STATE UP  
COUNTRY IND  
API NO. 12345678199999999

COMPANY : LUCKNOW - GWD  
WELL : SONIK PUR  
WELL EXT : TRIVEDI GANJ  
FIELD : BARABANKI  
COUNTY : IND  
STATE : UP  
COUNTRY : IND  
API NO. : 12345678199999999  
UNIQ ID : 049-005-42968

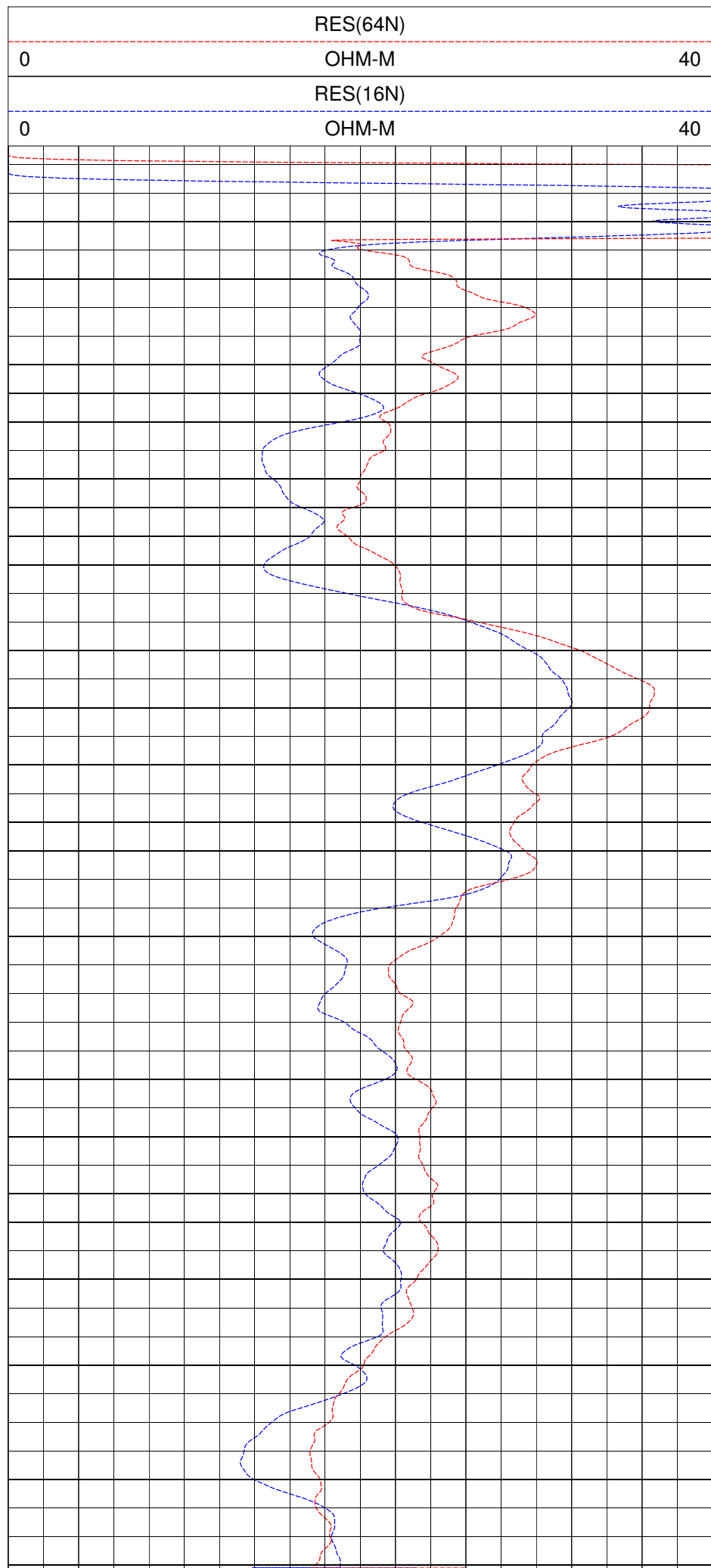
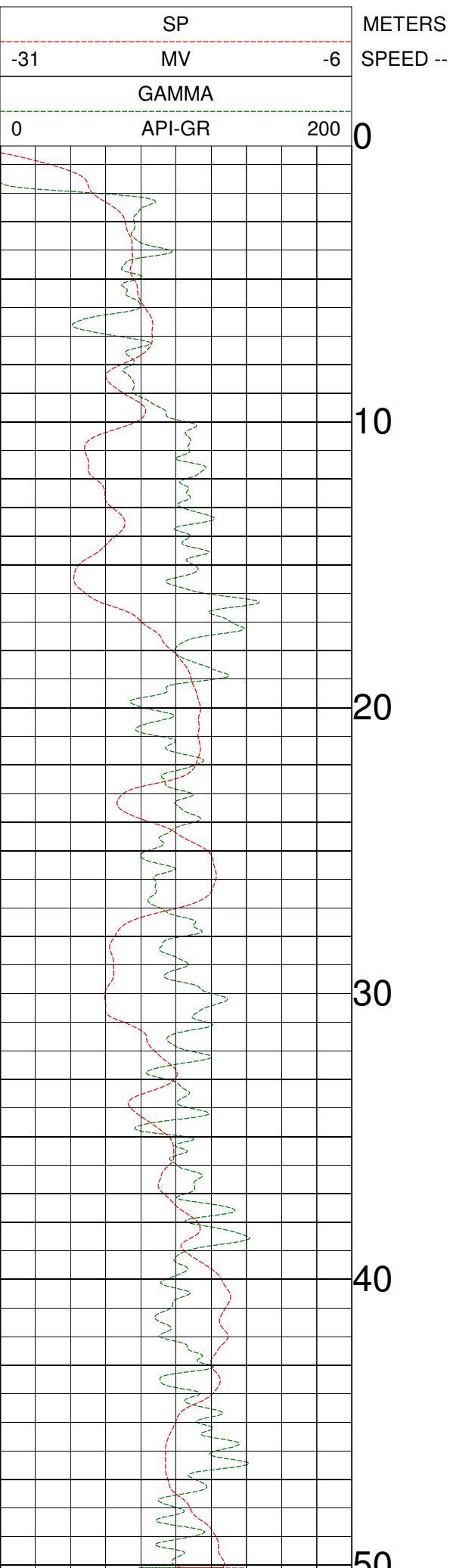
SECTION: 5 TOWNSHIP: 53N RANGE: 73W  
LOCATION : KASTURBA COLLEAGE  
LAT GPS UTM 26.6210  
LON GPS UTM 81.2811  
DISPLAY7\_JL63W

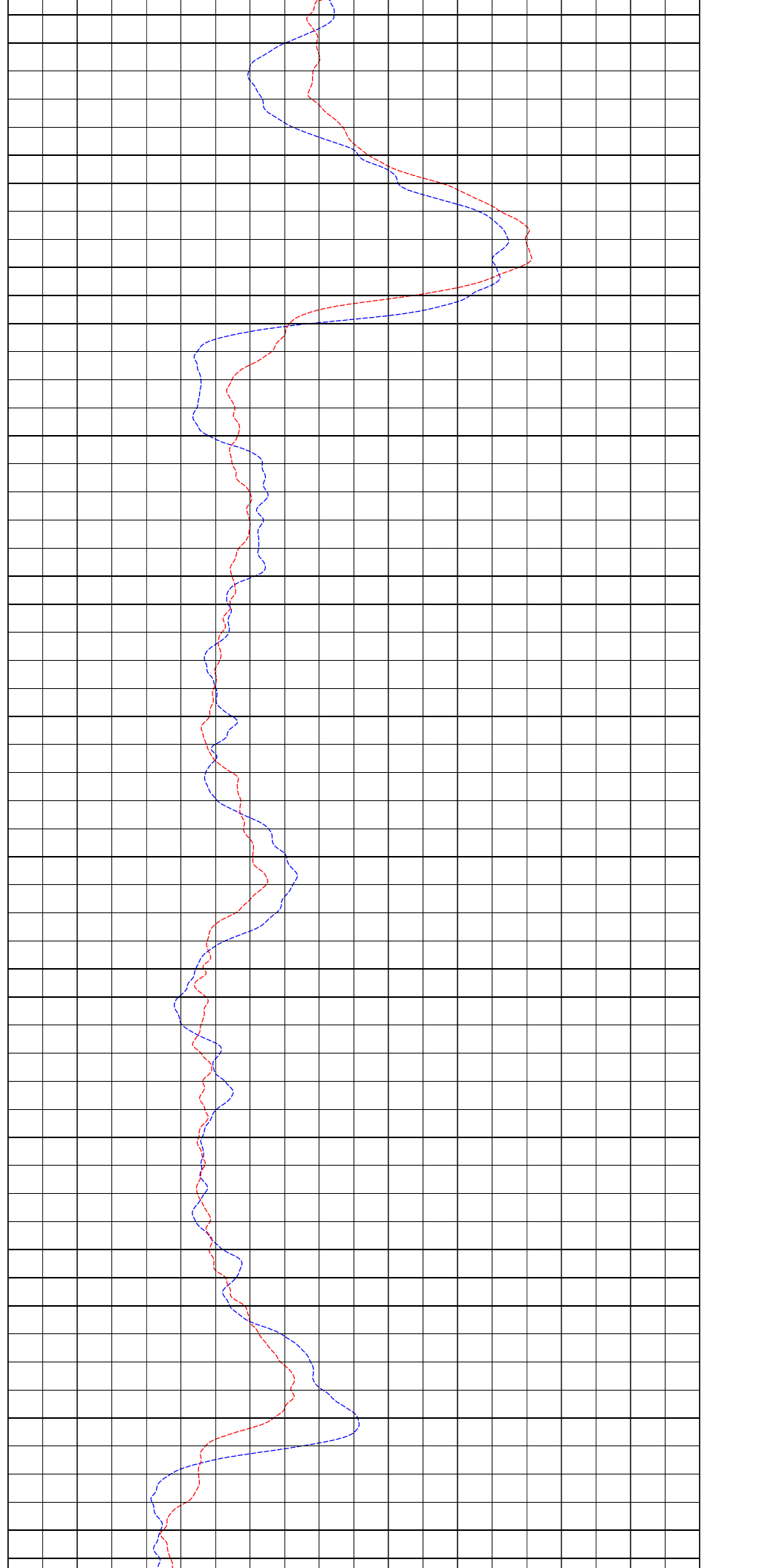
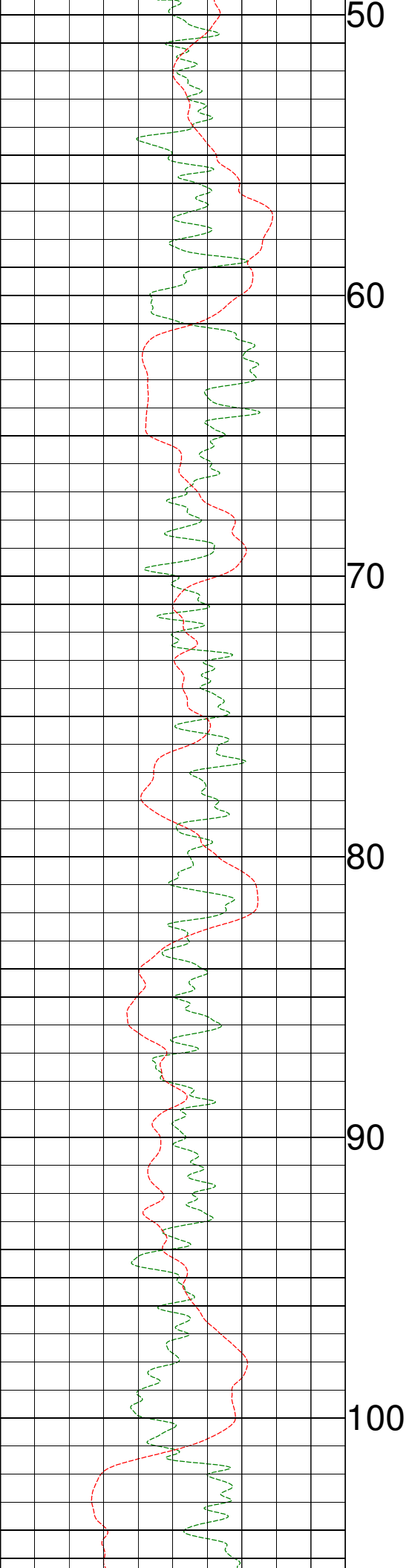
PERMANENT DATUM	GL	Elevations:	Other Services:
DRL MEASURED FROM	GL	KB	M
LOG MEASURED FROM	GL	DF	M
ELEV. PERM. DATUM	M	GL	M
		4227	

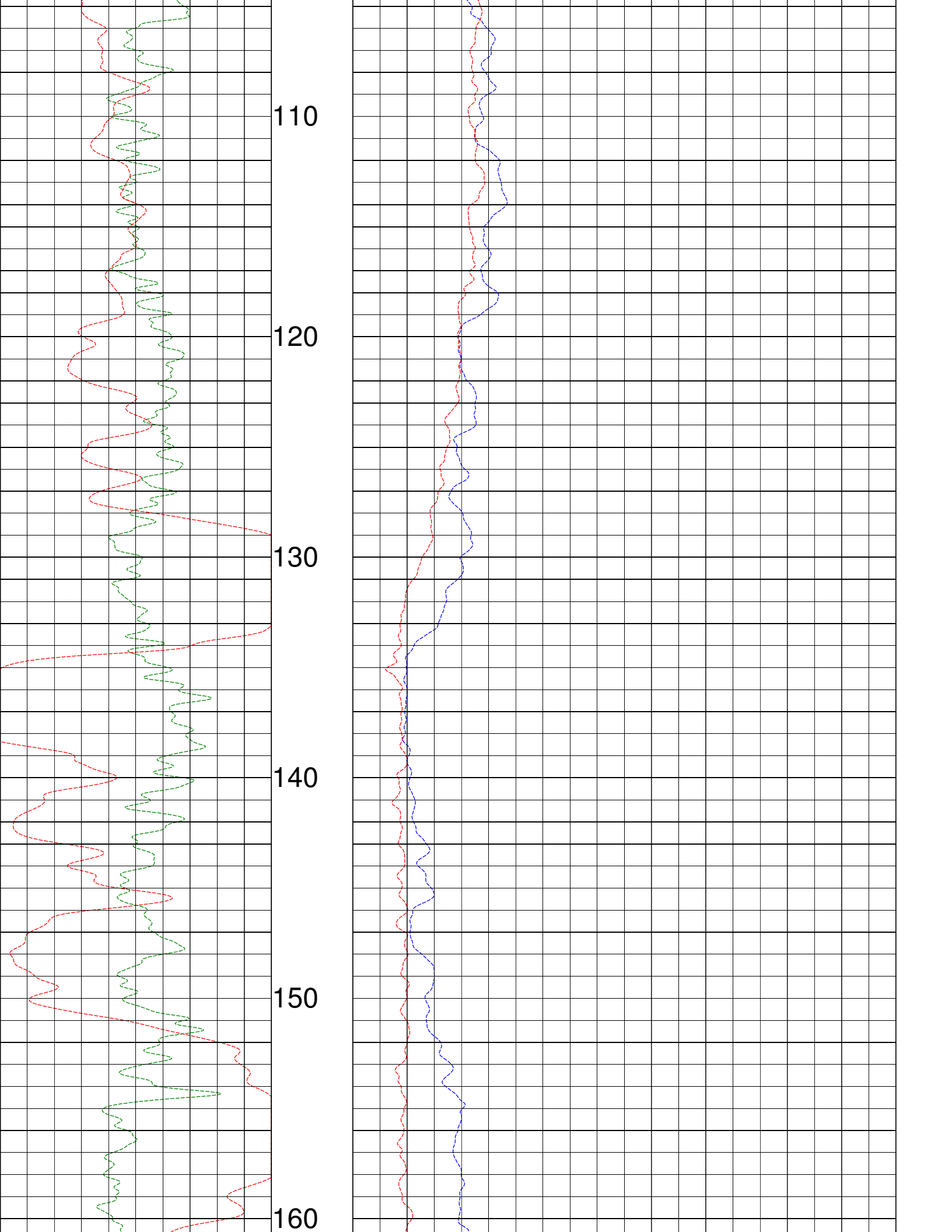
DATE	TIME		
DEPTH DRILLER	960	M	
DEPTH LOGGER		M	
FIRST READING		M	
LAST READING		M	
BIT SIZE	8.75	CM	
CASING -- DRILLER	87	M	
CASING -- LOGGER		M	
CASING O.D.		CM	
CASING TYPE	SURFACE		
FLUID TYPE	MUD		
FLUID DENSITY		G/CC	
FLUID VISCOSITY			
FLUID PH			
MUD SOURCE	FLOW LINE		
RM @ MEAS TEMP	.179 @ 68.5 C		
RMC @ MEAS TEMP	@ C		
RMC @ MEAS TEMP	@ C		
CIRC STOPPED	0830		
RIG NUMBER			

RECORDED BY RAJEEV KUMAR  
WITNESSED BY GEOPHYSICIST  
REMARKS 1  
REMARKS 2 NENE, 743'FNL, 661'FEEL  
REMARKS 3

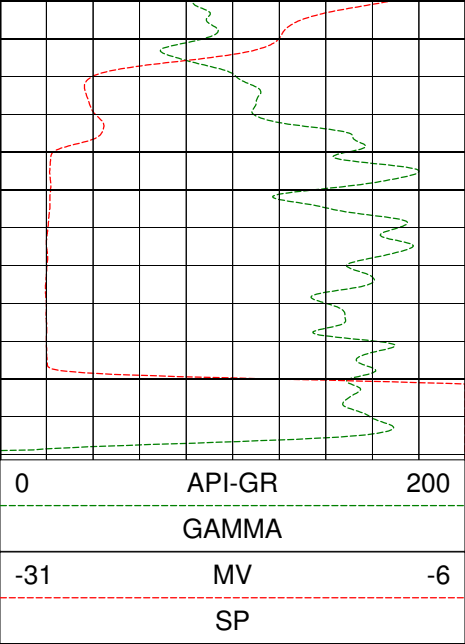
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160  
170  
SPEED --  
METERS

