



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/076

Date: 02-05-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village – Tekapar (Murila Raja), Block – Bansi,  
Distt. – Siddharthnagar

Drilling Depth (m) : 160.00 mbgl as reported by Driller

Logged Depth (m) : ~~156.00 mbgl~~

Date of Logging : 02.05.2023

Types of Log : ~~S.P., Resistivity (Normal) & Natural Gamma~~

Logger Used : ~~Robertson Geologging.,~~


Bore Hole Drilled by : VSAIPPL-SCL-JV.

Details of major aquifer formations explored from interpretation of Geophysical Logs are given below.

Sl No.	Depth Range (m. bgl)	Thickness (m)	Quality & Types of Strata	$R_{mf}$ & $R_w$
1	22 – 30	8	Good	<del><math>R_{mf} = 12.15 \Omega m</math></del>
2	54 – 58	4	Good	<del><math>R_w = 13.51 \Omega m</math></del>
3	68 – 82	14	Good	
4	86 – 92	6	Good	
5	112 – 116	4	Good	
6	142 – 148	7	Good	

Remark : ~~Almost all zones are intermixed with fine bands of kankar.~~

Verified as per  
logs provided  
Note S<sub>r</sub> No 5 - fine in nature  
- One more zone may  
add as - 98-102  
(4m) - 900

  
Geophysicist

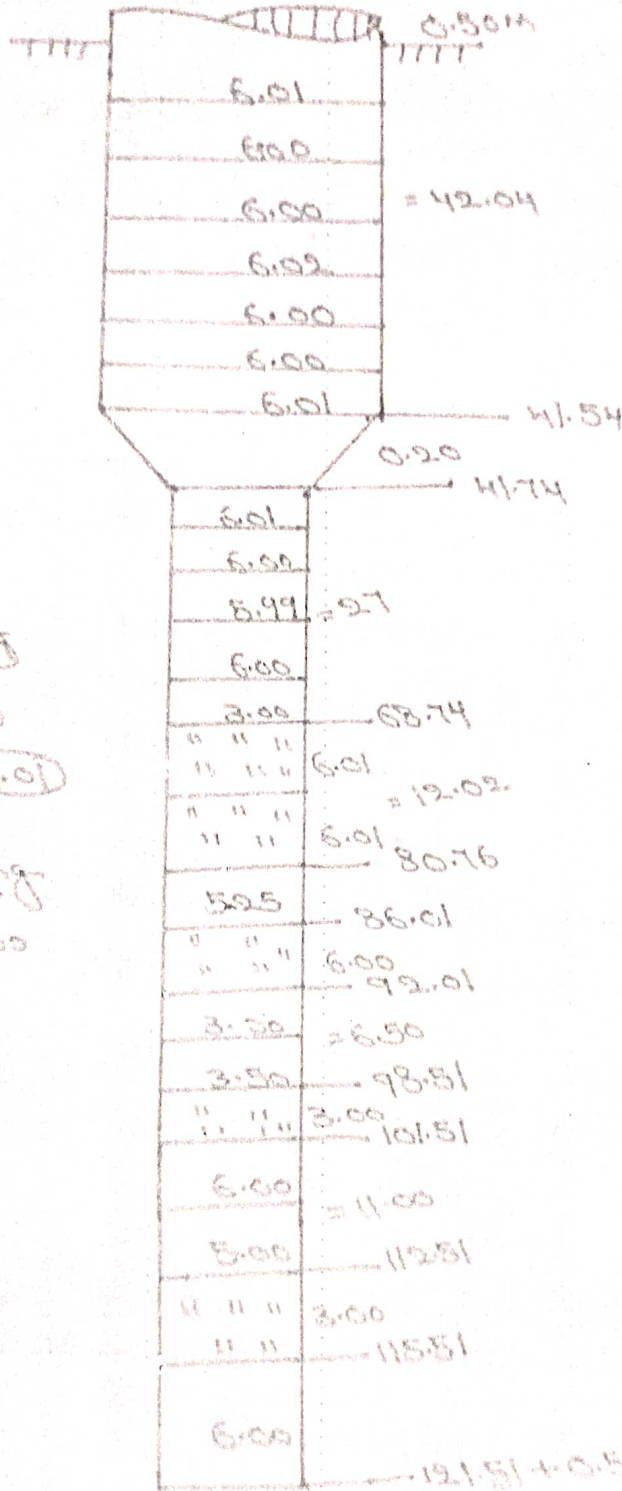
G. S. Singh  
03/05/23

Phase-3

Block-2000

TERAPAN GP US 2.2 t/w in dist Substansi Hagen

$\omega = 600 \text{ rpm}$   
 $= 300 \times 150 \text{ mm}^2$   
 $= 165 / 150 \text{ M}$   
 $\approx 94 \text{ M}$



Cutting 6" plain

$6.00 \rightarrow 3.00 + 3.00$   
 $6.02 \rightarrow 5.25 + 0.77$   
 $6.00 \rightarrow 3.50 + 2.50$   
 $6.01 \rightarrow 5.00 + 1.01$

Slotted 6" cutting

$6.00 \rightarrow 3.00 + 3.00$