



# GROUND WATER INVESTIGATION CENTRE

(Ground Water Assessment & Allied Services)

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GSITN: 09ANAPS3037Q1ZG

Ref: TDMA/WWP/JR/224

Date: 17-06-2023

## GEOPHYSICAL BOREHOLE ELECTRICAL LOGGING REPORT

Site's Location : Village - Baro Nankar, Block - Bansi, Distt. - Siddharth Nagar

Drilling Depth (m) : 170.00 mbgl as reported by Driller

Logged Depth (m) : ~~166.00 mbgl~~

Date of Logging : 17-06-2023

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

Logger Used : Robertson Geologging

Bore Hole Drilled by : VSAIPPL-SCL-IV

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	$R_{mt}$ & $R_w$
<del>1</del>	<del>26 - 32</del>	<del>6</del>	<del>Good</del>	$R_{mt} = 22.39 \Omega m$ $R_w = 25.18 \Omega m$
<del>2</del>	<del>54 - 58</del>	<del>4</del>	<del>Good</del>	
<del>3</del>	<del>60 - 66</del>	<del>6</del>	<del>Good</del>	
<del>4</del>	<del>74 - 86</del>	<del>12</del>	<del>Good</del>	
<del>5</del>	<del>91 - 102</del>	<del>11</del>	<del>Good</del>	
<del>6</del>	<del>110 - 114</del>	<del>4</del>	<del>Good</del>	
<del>7</del>	<del>120 - 126</del>	<del>6</del>	<del>Good</del>	
<del>8</del>	<del>136 - 153</del>	<del>17</del>	<del>Good - Kankar Intermixed</del>	

Remark : 1. ~~Almost all zones are intermixed with fine bands of kankar~~

Verified as per logs provided

G.Sh

19/06/23





BARAON NANKAR w/s Scheme Siddhardhagar

Block - Bansi

Q = 750 LPM

T/W size = 150x300mm, 200/180m  
= 24m (slotted)

M/S VSA-SCLY (JV)

As per logging Report (17.06.2023)

26-32 = 06

54-58 = 04

60-66 = 06

74-86 = 12

91-102 = 11

110-114 = 04

120-126 = 06

136-153 = 17

pipe cutting

150mm plain pipe

6.01 ⇒ 3.00 + 2.50 + 0.51

150mm cutting pipe

6.00 ⇒ 3.00 + 3.00

61771		0.50
(28)	6.01	
(27)	6.01	
(26)	6.02	42.08
(28)	6.00	
(24)	6.01	
(23)	6.02	
(22)	6.01	41.58
		0.20m
(21)	6.01	41.78
(20)	6.01	
(19)	6.02	33.03
(18)	5.99	
(17)	3.00	
(16)	6.00	74.81
(15)	" "	6.00 = 9.00
(14)	" "	3.00
(13)	6.00	83.81
(12)	2.50	= 8.50
(11)	" "	92.31
(10)	" "	6.00 = 9.00
(9)	6.02	101.31
(8)	6.00	
(7)	6.01	= 42.04
(6)	6.02	
(5)	5.99	
(4)	6.00	
(3)	6.00	143.35
(2)	6.00	149.36
(1)	6.01	155.37 + 0.50
		= 155.87 m