

STRATA CHART

Cover Agreement No. :-

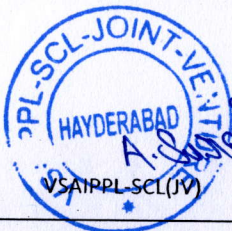
Name of District:- *Siddharth Nagar*

Block Name:- *Khujiyaoon*

Scheme Name:- *LWA*

Name of Activity :- *TW*

Depth B.G.L.Meter	Boring Chart	Strata	Executed Assembly	ASSEMBLY DETAILS
0				200 mm Dia housing pipe to 41.66 M
			6.03	200 x 150mm reducer from 41.66 M to 41.86 M
		clay	6.03	150mm dia plain pipe from 41.86 M to 76.52 M
			6.02	150mm dia slotted pipe from 76.52 M to 82.55 M
			6.02	150mm dia plain pipe from 82.55 M to 99.59 M
20		medium sand	6.02	150mm dia slotted pipe from 99.59 M to 102.63 M
			6.03	150mm dia plain pipe from 102.63 M to 113.18 M
			6.03	150mm dia slotted pipe from 113.18 M to 122.21 M
30		clay	6.01	150mm dia plain pipe from 122.21 M to 128.24 M
			6.02	
42		medium sand	0.200	Total Assembly- 128.24M+AGL 0.5= 128.74M
48		clay	6.03	
52		Medium sand	6.03	ABSTRACT
62		clay	6.03	Date of Lowering-
64		medium sand	6.04	LPM- 550
68		clay	4.50	Drilling Depth- 165 M
70		fine sand	6.03	Assembly Lowered- 128.74 M
76		clay	6.03	Housing Pipe- 42.16 M
83		fine sand	6.02	Plain Pipe- 68.28 M
86		clay	6.02	Slotted Pipe- 18.1 M
90		medium sand	6.02	Reducer- 0.200 M
99		clay	5.00	LOGGING REPORT
103		fine sand	3.00	Date of Logging-
112		clay	6.03	Logging Depth- 165
		Sand	4.52	20-34 = 14
		Konkar	6.03	42-48 = 06
124		clay	6.03	52-62 = 10
130		medium sand		64-68 = 04
134		clay		76-83 = 07
144		medium sand		86-90 = 04
158		clay		99-103 = 04
160		medium sand		112-124 = 12
165		clay		130-134 = 04
		medium sand		144-158 = 14
				160-164 = 04



TPI

*AKM*  
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E.E.



> Date

Mon  Tue  Wed  Thu  Fri  Sat  Sun

# Itwa w/s Scheme Siddhardhmagar

Block - Khuniyaron

Q = 550 LPM

T/W size = 150x200mm, 165/150m  
= 18m (slotted)

M/S USA-SCL (3V)

As per logging Report (15.06.23)

20 - 34 = 14

42 - 48 = 06

52 - 62 = 10

64 - 68 = 04

76 - 83 = 07 = 06 ✓

86 - 90 = 04

99 - 103 = 04 = 03 ✓

112 - 124 = 12 = 09 ✓

130 - 134 = 04

144 - 158 = 14

160 - 164 = 04

## Pipe cutting

150mm plain pipe

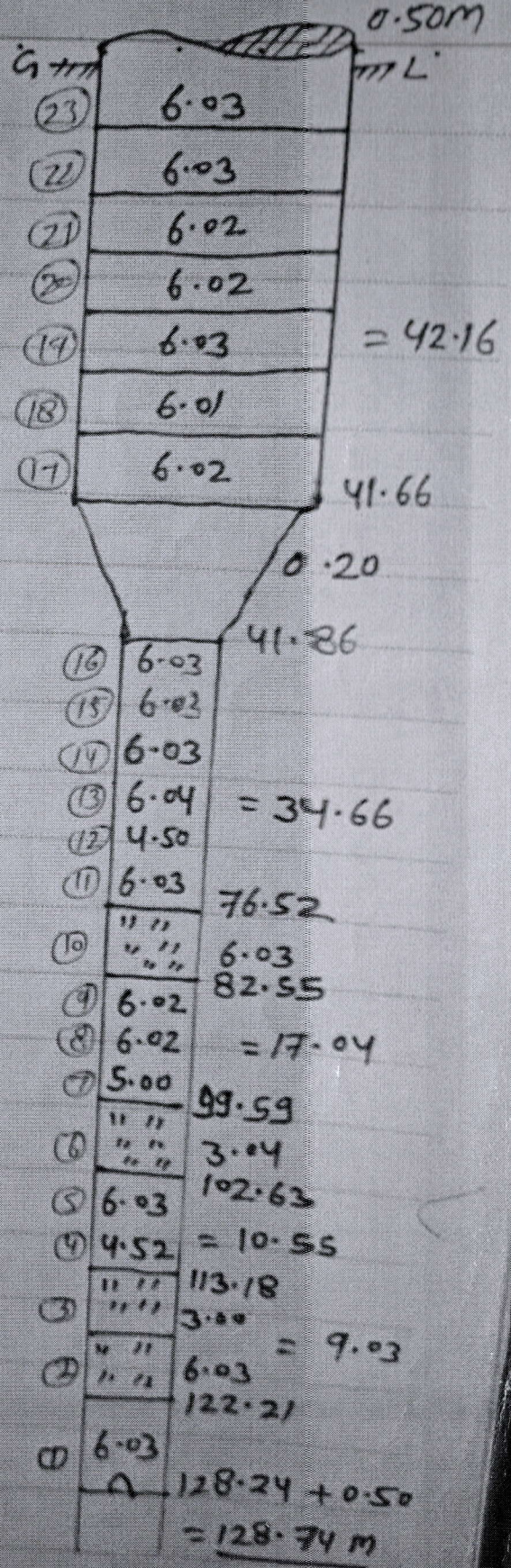
6.04 = 4.50 + 1.54

6.03 = 5.00 + 1.03

6.02 = 4.52 + 2.00

slotted pipe cutting

6.04 = 3.00 + 3.04



Sen  
HK





# Aqua Xplore

(Groundwater Assessment & Allied Services)

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Advisor - Dr. R. A. Yadav, ex-Manager (Groundwater), U. P. Jal Nigam

Ref. 615 - BI / AX - 2023

Date 15.06.2023

## Geophysical Borehole Logging Report

Name of the site : Ban Itwa, Block – Khuniyaon

District : Siddharth Nagar

Date : 15.06.2023

Depth logged : ~~165.0~~ mbgl

Depth drilled : 170.0 mbgl – as reported

165

Logger use : ~~Robertson~~ make

Presence : Rep. of M/S VSAIPPL-SCL (JV) VEEPL, Siddharth Nagar

Based on the interpretation of geophysical logs, following information may be deciphered, particularly with respect to salinity of the formation water.

Sl.No.	Depth range(mbgl)	Thickness(m)	Remarks
<del>1</del>	<del>20.0—34.0</del>	<del>14.0</del>	Good all
<del>2</del>	<del>42.0—48.0</del>	<del>6.0</del>	
<del>3</del>	<del>52.0—62.0</del>	<del>10.0</del>	
<del>4</del>	<del>64.0—68.0</del>	<del>4.0</del>	
<del>5</del>	<del>76.0—83.0</del>	<del>7.0</del>	
<del>6</del>	<del>86.0—90.0</del>	<del>4.0</del>	
<del>7</del>	<del>99.0—103.0</del>	<del>4.0</del>	
<del>8</del>	<del>112.0—124.0</del>	<del>12.0</del>	
<del>9</del>	<del>130.0—134.0</del>	<del>4.0</del>	
<del>10</del>	<del>144.0—158.0</del>	<del>14.0</del>	
<del>11</del>	<del>160.0—164.0</del>	<del>4.0</del>	

Note. All zones are intermixed with kankar. Sl. No. 8 is highly kankar intermixed.

Verified as per  
logs provided

for Aqua Xplore

To

M/S VSAIPPL- SCL (JV) VEEPL, Siddharth Nagar  
Uttar Pradesh

9/6/23  
16/06/23