



## SUNRISE WATER SOURCES

TUBEWELL ENGINEERS & CONSULTANTS

SERVICES :

Digital Electronic Well Logger upto 600 m

Resistivity Survey upto 1000 m

Survey for Rain Harvesting Wells

Near Canal Bridge, Ropar, (Punjab)

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### BOREHOLE DRILLED AT SITE VILL. UMRI KALAN, BLOCK RAMPUR MANIHARAN, DISTT. SAHARANPUR (UP)

Drilled Depth :- 165 m

Logg Depth :- 160 m

Water Level :- 9 m (Approx.)

Date :- 20/07/2023

#### OBSERVED

The following granular zones have been observed beyond the static ground water level with the help of Advanced Electronic Geophysical Logger

Depth Range In Mtrs. (B.G.L.)		Length (Mtrs.)	Nature Of Samples
0.00	1.00	1.00	Surface Clay with top Soil
1.00	11.50	10.50	Fine Sand
11.50	20.00	8.50	Clay
20.00	36.00	16.00	Fine Sand
36.00	40.00	4.00	Clay
40.00	44.00	4.00	Fine Medium Sand
44.00	48.50	4.50	Clay
48.50	53.00	4.50	Fine Medium Sand
53.00	55.50	2.50	Fine Sand
55.50	58.50	3.00	Fine Medium Sand
58.50	64.00	5.50	Clay
64.00	66.50	2.50	Fine Medium Sand
66.50	76.20	9.70	Clay
<b>76.20</b>	<b>84.00</b>	<b>7.80</b>	<b>Fine Medium Sand</b>
84.00	88.00	4.00	Clay
<b>88.00</b>	<b>92.00</b>	<b>4.00</b>	<b>Fine Medium Sand</b>
92.00	96.50	4.50	Clay
<b>96.50</b>	<b>107.50</b>	<b>11.00</b>	<b>Fine Medium Sand</b>
107.50	111.00	3.50	Clay
<b>111.00</b>	<b>119.00</b>	<b>8.00</b>	<b>Fine Medium Sand</b>
119.00	127.00	8.00	Clay
<b>127.00</b>	<b>132.50</b>	<b>5.50</b>	<b>Fine Medium Sand</b>
132.50	134.00	1.50	Fine Sand
<b>134.00</b>	<b>144.50</b>	<b>10.50</b>	<b>Fine Medium Sand</b>
144.50	148.00	3.50	Clay
<b>148.00</b>	<b>153.00</b>	<b>5.00</b>	<b>Fine Medium Sand</b>
153.00	160.00	7.00	Clay

For Sunrise Water Sources

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Auth. Sign.