

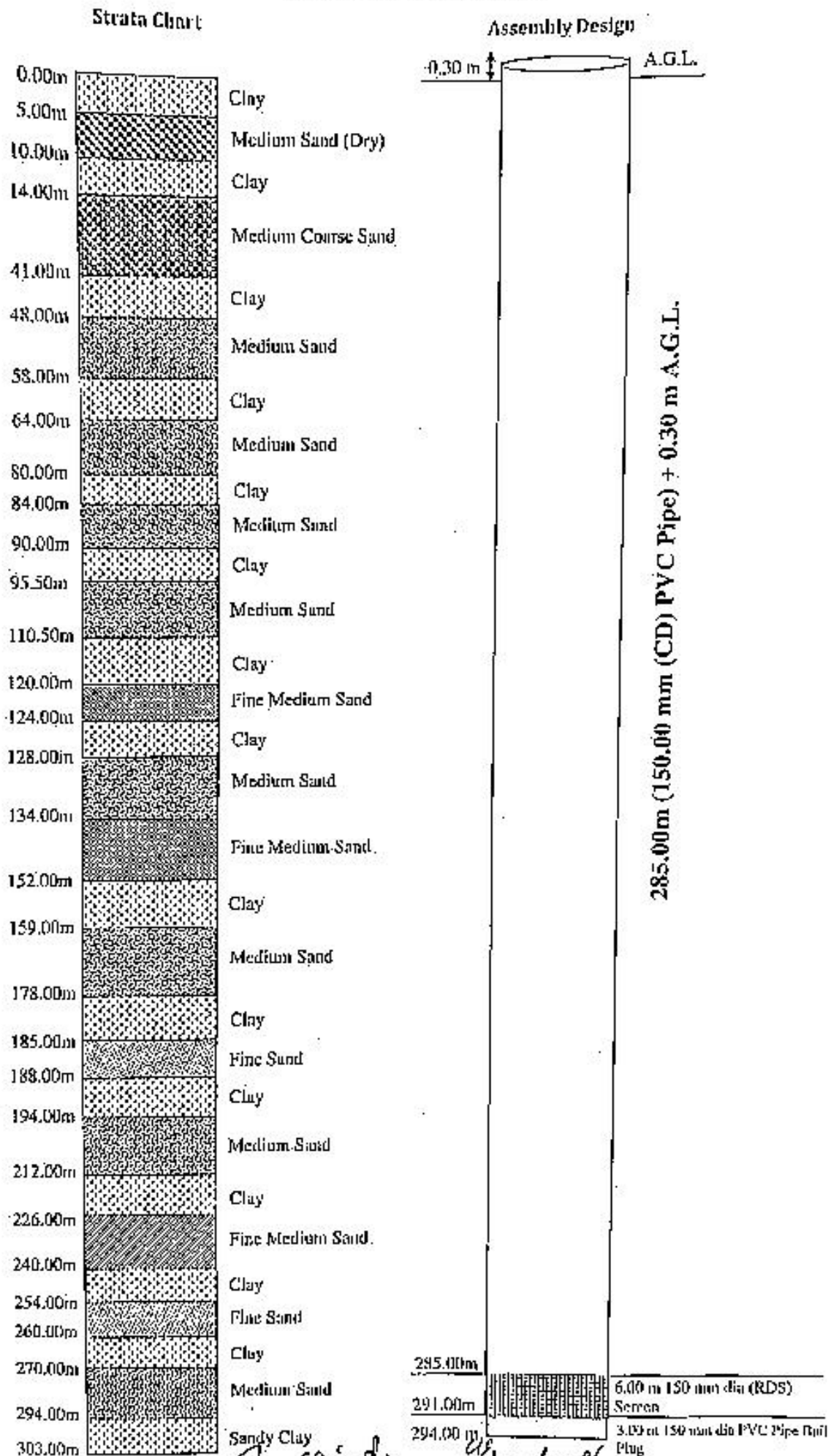
LOGGING DATA (ELECTRICAL LOGGING)

Unique ID/Location Code/Village Code			
Location	Long: 76° 3', 47'' E, Lat: 30° 43', 29'' N		
Village	Payal, Govt. Se. Sec. Smart School		
Block	Doraha		
District	Ludhiana		
Toposheet Number			
Latitude in Degree Decimal	30	43	29 N
Longitude in Degree Decimal	76	3	47 E
Site plan and RL (m amsl)			
Date/Year	09.12.2021		
Depth Drilled (m bgl)	303mtr.		
Depth Logged (m bgl)	303mtr.		
Mud Resistivity along with temperature	660 micro mhos/cm at 25° C		
Water resistivity which is used for preparation of mud along with temperature	603 micro mhos/cm at 25° C		
Bore hole dia.	215mm		

Unique ID

Depth range (m bgl)		Thickness (m)	SP(mV)	64" Long Normal (ohm m)	16" Short normal (ohm m)	Inferred Lithology
From	To					
5.00	10.00	5.00	30	<75	<75	Medium Sand Dry
14.00	41.00	27.00	25	<75	<75	Medium Coarse Sand
48.00	58.00	10.00	29	39	50	Medium Sand
64.00	80.00	16.00	40	40	40	Medium Sand
84.00	90.00	6.00	28	47	40	Medium Sand
95.50	110.50	15.00	34	45	38	Medium Sand
120.00	124.00	4.00	35	34	30	Fine Medium Sand
128.00	134.00	6.00	39	43	39	Medium Sand
134.00	152.00	18.00	34	34	28	Fine Medium Sand
158.00	178.00	19.00	34	36	30	Medium Sand
185.00	188.00	3.00	32	24	24	Fine Sand
194.00	212.00	18.00	35	37	30	Medium Sand
228.00	240.00	14.00	35	29	26	Fine Medium Sand
254.00	260.00	6.00	25	25	24	Fine Sand
270.00	294.00	24.00	13	37	30	Medium Sand

**STRATA CHART AND ASSEMBLY DESIGN OF TUBEWELL AT PAYAL, BLOCK,
DORAH, DISTT. LUDHIANA**



M/s Goyal Tubewell Store

Levelling

US
 Executive Engineer

Ground Water Resources
 Water Resources Investigation Division No.2, SAS Nagar
 Divn. No.2, S.A.S. Nagar