

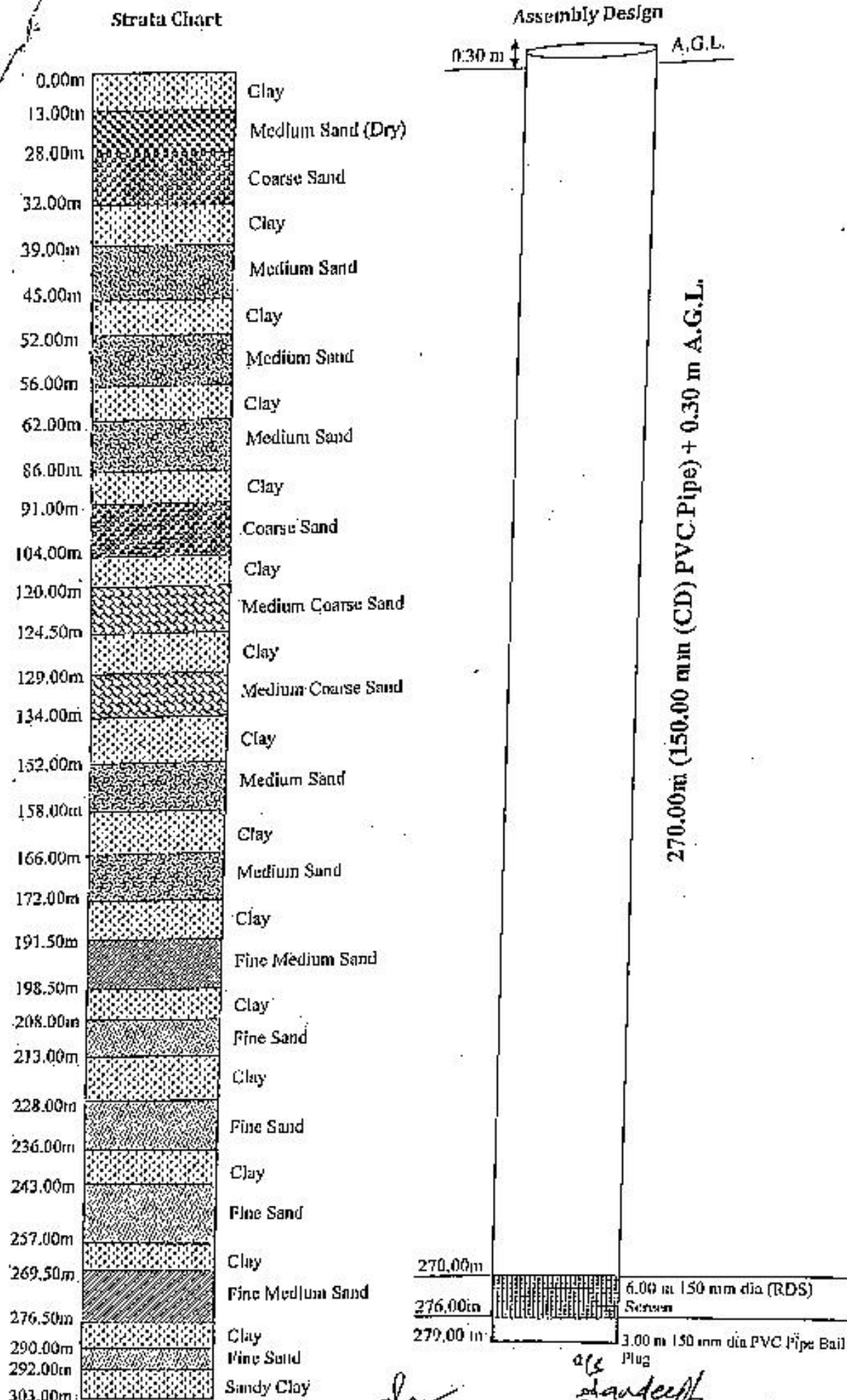
### LOGGING DATA (ELECTRICAL LOGGING)

Unique ID/Location Code/Village Code			
Location	Long:75° 38',11.2"E, Lat:30°46', 4.7" N		
Village	Sudhar, Govt. Veterinary Hospital		
Block	Sudhar		
District	Ludhiana		
Toposheet Number			
Latitude in Degree Decimal	30	46	4.7 N
Longitude in Degree Decimal	75	38	11.2 E
Site plan and RL (m amsl)			
Date/Year	18.10.2021		
Depth Drilled (m bgl)	303mtr.		
Depth Logged (m bgl)	302mtr.		
Mud Resistivity along with temperature	440 micro mhos/cm at 25° C		
Water resistivity which is used for preparation of mud along with temperature	613 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					
13.00	28.00	15.00	15	<75	<75	Medium Sand (Dry)
28.00	32.00	4.00	25	60	50	Coarse Sand
39.00	45.00	6.00	29	55	43	Medium Sand
52.00	56.00	4.00	27	55	35	Medium Sand
62.00	86.00	24.00	35	68	40	Medium Sand
91.00	104.00	13.00	35	70	74	Coarse Sand
120.00	124.50	4.50	25	66	54	Medium Coarse Sand
129.00	134.00	5.00	30	55	45	Medium Coarse Sand
152.00	158.00	6.00	25	48	32	Medium Sand
166.00	172.00	6.00	22	45	32	Medium Sand
191.50	198.50	7.00	25	30	23	Fine Medium Sand
208.00	213.00	5.00	30	35	24	Fine Sand
228.00	236.00	8.00	25	30	27	Fine Sand
243.00	257.00	14.00	25	34	29	Fine Sand
269.50	276.50	7.00	18	37	30	Fine Medium Sand
290.00	292.00	2.00	15	33	24	Fine Sand

**STRATA CHART AND ASSEMBLY DESIGN OF TUBEWELL AT VILLAGE SUDHAR,  
BLOCK, SUDHAR, DISTT. LUDHIANA**



M/s *Sudhar* Tubewell Store  
Prop.

*Sudhar*  
S.D.O.

*Sudhar*  
Executive Engineer,  
Water Resources Investigation Division No.2,  
Ground Water Resources  
Divn. No.2, S.A.S. Nagar