

**CHEMICAL ANALYSIS RESULTS OF UNDERGROUND WATER SAMPLES EXISTING IN THE PREMISES OF PROPOSED 2000MW PAVAGADA
SOLAR PARK AREA.**

S/No	Location	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
Constituents	Source	Colour Hazen Units	Odour	SC	TDS mg/L	pH	P mg/L	M.O mg/L	Total Alkalinity (as CaCO3) mg/L	Total Hardness (as CaCO3) mg/L	Calcium Hardness (as CaCO3) mg/L	Cl mg/L	F mg/L	NO3 mg/L	SO4 mg/L	Fe mg/L	Turbidity NTU	Date of Receipt and Analysis	Remarks
Desirable limit as per IS 10500 : 2012																			
Permissible limit as per IS 10500 : 2012																			
1	Ramanjappa, Ballia Samudra	Borewell	1	Aggregable	1055	7.69	Nil	405	212	95	36	1.76	35.02	40	0.03	0.05	19.11.2015 &	Not Potable	
2	Sri.Babu, Induranahalli, Vallur	Borewell	1	Aggregable	1165	7.62	Nil	400	296	95	45	1.12	50.5	76	1.36	0.05	23-11-2015 &	Not Potable	
3	Sri.Narayanappa, Kyathagarana charalu	Borewell	1	Aggregable	1165	7.83	Nil	293	232	95	67	2.04	135.3	83	0.13	0.05	19.11.2015 &	Not Potable	
4	Kyathagarana charalu	Borewell	1	Aggregable	3065	7.45	Nil	399	684	275	367	1.53	464	232	0.09	0.05	23-11-2015 &	Not Potable	
5	Venkatesh, Vallur	Borewell	1	Aggregable	1560	7.57	Nil	497	296	127	81	1.77	113	73	0.12	0.05	19.11.2015 &	Not Potable	
6	Ballal Samudra	Borewell	1	Aggregable	1350	7.71	Nil	451	220	92	84	2.62	19	85	0.06	0.05	23-11-2015 &	Not Potable	
7	Ravi, Rayacharlu	Borewell	1	Aggregable	1190	7.94	Nil	365	312	107	70	1.09	62	76	0.16	0.05	19.11.2015 &	Not Potable	
8	Mohan Naidu, Rayacharlu	Borewell	1	Aggregable	990	8.01	Nil	309	236	112	20	0.73	72	96	0.06	0.05	19.11.2015 &	Not Potable	
9	Narayana Thirumani	Borewell	1	Aggregable	1930	7.71	Nil	367	172	75	42	2.10	65	47	0.06	0.05	23-11-2015 &	Not Potable	
10	Near Weir, Thirumani	Borewell	1	Aggregable	910	8.1	Nil	182	144	75	62	0.92	2.98	65	0.07	0.05	19.11.2015 &	May be used in the absence of alternate source	

SC= Specific Conductance
P=Phenolphthalein Alkalinity
M.O=Methyl Orange Alkalinity

Cl= Chloride
F=Fluoride
NO3=Nitrate

SO4= Sulphate
Fe=Total Iron


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