

ANALYSIS REPORT

CLIENT	KHOBAR
DATE OF REPORT	12.11.2017
DATE OF SAMPLE	08.10.2017
TYPE OF ANALYSIS	BRACKISH WATER
COLLECTION POINT	DEEP WELL WATER

PARAMETER	RESULTS
TEMPRATURE	32 °C
pH VALUE	7.60
T.D.S	4000 mg/l
TOTAL HARDNESS	1319 mg/l as CaCO ₃
CALCIUM	297 mg/l as Ca
MAGNESIUM	140 mg/l as Mg
SODIUM	895 mg/l as Na
POTASSIUM	48 mg/l as K
IRON (TOTAL)	1.2 mg/l as Fe
CHLORIDE	1604 mg/l as Cl
SULPATE	804 mg/l as SO ₄
NITRATE	19 mg/l as NO ₃
CARBONATE	13 mg/l as CO ₃
BICARBONATE	180 mg/l as HCO ₃
SILICA	28 mg/l as SiO ₂
FLUORIDE	- mg/l as F

REMARKS:

- The Brackish water sample may be classed as hard water with excess of saline and mineral matters; it's unsuitable for drinking purpose.
- High chloride made this water as corrosive.

Chemist