

UNICHEM

A Division of BJ Services Company

Lab Test No : 6751

Goldstar

Sample Date : 8/10/95

Lab Date In : 8/14/95

Lab Date Out : 8/21/95

Water Analysis

Listed below please find water analysis report from : SanAndrens Christmas

#3

Specific Gravity : 1.017

Total Dissolved Solids : 23911

pH : 6.86

Conductivity (uohms):

Ionic Strength : 0.450

Cations:

		mg/l
Calcium	(Ca++):	640
Magnesium	(Mg++):	535
Sodium	(Na+):	7415
Iron	(Fe++):	18.20
Dissolved Iron	(Fe++):	
Barium	(Ba++):	2.10
Strontium	(Sr):	
Manganese	(Mn++):	0.33
Resistivity :		

Anions:

Bicarbonate	(HCO3-):	2062
Carbonate	(CO3--):	0
Hydroxide	(OH-):	0
Sulfate	(SO4--):	1260
Chloride	(Cl-):	12000

Gases:

		ppm
Carbon Dioxide	(CO2):	
Oxygen	(O2):	
Hydrogen Sulfide	(H2S):	

Scale Index (positive value indicates scale tendency) a blank indicates some tests were not run

Temperature	CaCO3 SI	CaSO4 SI
86F 30.0C	0.55	-33.71
104F 40.0C	0.79	-33.71
122F 50.0C	1.04	-33.71
140F 60.0C	1.32	-33.23
168F 70.0C	1.64	-32.09
176F 80.0C	1.98	-30.10

Comments :

If you have any questions or require further information, please contact us.

Sincerely,



Laboratory Technician

cc: John Offutt

Joe Hay

RECEIVED

AUG 22 1995

JACK HOBBS
OFFICE