

UNICHEM

A Division of BJ Services Company

Lab Test No : 8465

Santa Fe

Sample Date : 1/10/96

Lab Date In : 1/15/96

Lab Date Out : 1/24/96

Water Analysis

Listed below please find water analysis report from: Senogia "18"

#2

Specific Gravity : 1.108

Total Dissolved Solids : 150786

pH : 6.65

Conductivity (uohms):

Ionic Strength : 2.584

Senagua

Cations:

		mg/l
Calcium	(Ca++):	480
Magnesium	(Mg++):	146
Sodium	(Na+):	57903
Iron	(Fe++):	4.10
Dissolved Iron	(Fe++):	
Barium	(Ba++):	1.80
Strontium	(Sr):	
Manganese	(Mn++):	0.79
Resistivity :		

Anions:

Bicarbonate	(HCO3-):	3660
Carbonate	(CO3--):	0
Hydroxide	(OH-):	0
Sulfate	(SO4--):	598
Chloride	(Cl-):	88000

Gases:

		ppm
Carbon Dioxide	(CO2):	240.00
Oxygen	(O2):	
Hydrogen Sulfide	(H2S):	0.00

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

Temperature	CaCO3 SI	CaSO4 SI
86F 30.0C	0.41	-91.76
104F 40.0C	0.62	-91.76
122F 50.0C	0.89	-90.66
140F 60.0C	1.19	-89.92
168F 70.0C	1.52	-89.70
176F 80.0C	1.90	-90.07

Comments :

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

Sincerely,

John Paul Gonzalez

Laboratory Technician

cc: Jay Brown
Joe Hay

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