

# Water Analysis

Conducted by The Ninemire Group LLC



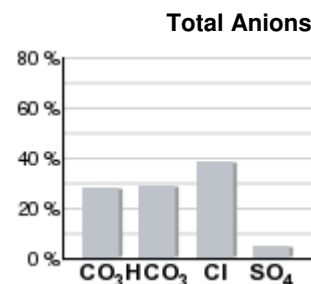
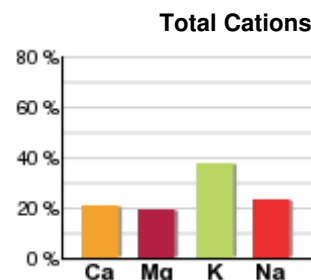
**Client:** KOGARAH GOLF CLUB LTD  
**Analysis Submitted By:** Dupuis, Alain  
**Date of Analysis:** 4 October 2006



## SUMMARY: ROMIX 25 GRAMS

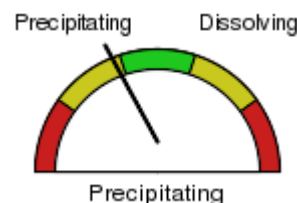
**pH** 9.90  
**Conductivity** 0.37 (dS/m)  
**SAR** 0.93 Sodium Adsorption Ratio  
**Adjusted SAR** 1.30 Adjusted Sodium Adsorption Ratio  
**pHc** 8

		ppm	meq/l	% Total Cations
Calcium	(Ca)	14.0	0.7	20.47
Magnesium	(Mg)	8.0	0.7	19.30
Potassium	(K)	50.0	1.3	37.43
Sodium	(Na)	18.0	0.8	22.81
<b>Total Cations</b>			3.42	
<b>Total Alkalinity</b>	(CaCO <sub>3</sub> )	160.0		
				% Total Anions
Carbonate	(CO <sub>3</sub> )	48.0	1.6	28.37%
Bicarbonate	(HCO <sub>3</sub> )	98.0	1.6	28.55%
Hydroxide	(OH)	< 5.0	---	---
Chloride	(Cl)	77.0	2.2	38.48%
Sulfate	(SO <sub>4</sub> )	10.0	0.3	4.61%
<b>Total Anions</b>			5.64	
<b>Dissolved Salts</b>	(TDS)	247		
Phosphorus	(P)	< 1.0		
Nitrate	(NO <sub>3</sub> )	< 0.5		
Boron	(B)	< 0.1		
<b>Cation/Anion Ratio</b>			0.61	

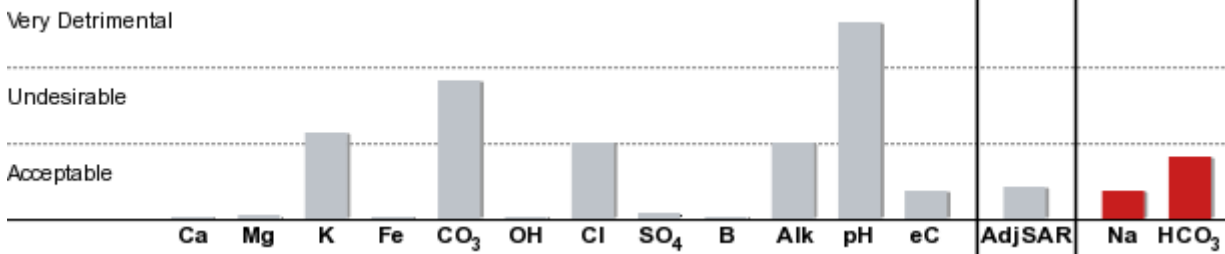


## CALCIUM-MAGNESIUM AVAILABILITY

This water may possibly precipitate calcium.



## OVERALL SUITABILITY GRAPH



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