amdel

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WATER ANALYSIS REPORT JOB NO. 4919/86 METHOD W2/1 PAGE W1

SAMPLE ID. PELICAN 5 6-1

CHEMICAL COMPOSITION		MG/L	ME/L
CATIONS			
CALCIUM	(CA)	85.0	4.24
MAGNESIUM	(MG)	7.40	0.609
SODIUM	(NA)	3210	140
POTASSIUM	(K)	117	2.99
ANIONS			
HYDROXIDE	(OH)		
CARBONATE	(CO3)		
BICARBONATE	(HCO3)	3590	58.8
SULPHATE	(SO4)	420	8.75
CHLORIDE	(CL)	2780	78.4
NITRATE	(NO3)	<4.0	

REACTION - PH	7.8
CONDUCTIVITY (E.C.)	
MICRO-S/CM AT 25 C	12800
RESISTIVITY OHM.M @ 25C	0.781

DERIVED DATA	MG/L
TOTAL DISSOLVED SOLIDS	
A. BASED ON E.C.	7980
B. CALCULATED (HCO3=CO3)	8390
TOTAL HARDNESS	243
CARBONATE HARDNESS	243
NON-CARBONATE HARDNESS	
TOTAL ALKALINITY (EACH AS CACO3)	2940

TOTALS AND BALANCE

CATIONS(ME/L)	147	DIFF=	1.52
ANIONS (ME/L)	146	SUM =	293

DIFF*100./SUM = 0.519%

SODIUM / TOTAL CATION RATIO 94.7%

REMARKS

NOTE: MG/L = MILLIGRAMS PER LITRE
ME/L = MILLIEQUIVS. PER LITRE

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