amdel

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

SAMPLE ID. PELICAN 5 6-2

CHEMICAL COMPOSITION		MG/L	ME/L
CATIONS			
CALCIUM	(CA)	61.0	3.04
MAGNESIUM	(MG)	6.60	0.543
SODIUM	(NA)	3220	140
POTASSIUM	(K)	108	2.76
ANIONS			
HYDROXIDE	(OH)		
CARBONATE	(CO3)		
BICARBONATE	(HCO3)	3560	58.3
SULPHATE	(SO4)	260	5.42
CHLORIDE	(CL)	2840	80.3
NITRATE	(NO3)	10.0	0.161

DERIVED DATA	MG/L
TOTAL DISSOLVED SOLIDS	
A. BASED ON E.C.	7910
B. CALCULATED (HCO3=CO3)	8260
TOTAL HARDNESS	179
CARBONATE HARDNESS	179
NON-CARBONATE HARDNESS	
TOTAL ALKALINITY (EACH AS CACO3)	2920

TOTALS AND BALANCE

CATIONS(ME/L)	146	DIFF=	2.26
ANIONS (ME/L)	144	SUM =	291

DIFF*100./SUM = 0.777%

SODIUM / TOTAL CATION RATIO 95.7%

REMARKS

REACTION - PH	8.2
CONDUCTIVITY (E.C.)	
MICRO-S/CM AT 25 C	12700
RESISTIVITY OHM.M @ 25C	0.787

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

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DATE COLLECTED 12/4/86
DATE RECEIVED
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