amdel

446094

WATER ANALYSIS REPORT JOB NO. 4919/86 METHOD W2/1 PAGE W3

SAMPLE ID. PELICAN 5 6-3

CHEMICAL COMPOSITION		MG/L	ME/L
CATIONS			
CALCIUM	(CA)	59.0	2.94
MAGNESIUM	(MG)	7.00	0.576
SODIUM	(NA)	3410	148
POTASSIUM	(K)	116	2.97
ANIONS			
HYDROXIDE	(OH)		
CARBONATE	(CO3)	16.2	0.540
BICARBONATE	(HCO3)	3620	59.4
SULPHATE	(SO4)	245	5.10
CHLORIDE	(CL)	2970	83.8
NITRATE	(NO3)	9.0	0.145

REACTION - PH	8.4
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)	8610
TOTAL HARDNESS	176
CARBONATE HARDNESS	176
NON-CARBONATE HARDNESS	
TOTAL ALKALINITY (EACH AS CACO3)	3000

TOTALS AND BALANCE

CATIONS(ME/L)	155	DIFF=	5.85
ANIONS (ME/L)	149	SUM =	304
DIFF*100./SUM =			1.93%

SODIUM / TOTAL CATION RATIO 95.8%

REMARKS

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

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