446102

amdel

WATER ANALYSIS REPORT JOB NO. 4919/86 METHOD W2/1 PAGE W7

SAMPLE ID. PELICAN 5 6-7

CHEMICAL COMPOSITION		MG/L	ME/L
CATIONS			
CALCIUM	(CA)	280	14.0
MAGNESIUM	(MG)	13.0	1.07
SODIUM	(NA)	2970	129
POTASSIUM	(K)	166	4.24
ANIONS			
HYDROXIDE	(OH)		
CARBONATE	(CO3)		
BICARBONATE	(HCO3)	3470	56.9
SULPHATE	(SO4)	1230	25.6
CHLORIDE	(CL)	1970	55.5
NITRATE	(NO3)	10.0	0.161

REACTION - PH	7.7
CONDUCTIVITY (E.C.)	
MICRO-S/CM AT 25 C	12000
RESISTIVITY OHM.M @ 25C	0.833

DERIVED DATA

	MG/L
TOTAL DISSOLVED SOLIDS	
A. BASED ON E.C.	7430
B. CALCULATED (HCO3=CO3)	8350
TOTAL HARDNESS	753
CARBONATE HARDNESS	753
NON-CARBONATE HARDNESS	
TOTAL ALKALINITY (EACH AS CACO3)	2850

TOTALS AND BALANCE

CATIONS(ME/L)	148	DIFF=	10.2
ANIONS (ME/L)	138	SUM =	287
DIFF*100./SUM =			3.57%

SODIUM / TOTAL CATION RATIO 87.0%

REMARKS

IMBALANCE UNKNOWN RESULTS CHECKED AND VERIFIED

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

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DATE COLLECTED 11/4/86
DATE RECEIVED
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