



amdel

446100

WATER ANALYSIS REPORT

JOB NO. 4919/86

METHOD W2/1

PAGE W6

SAMPLE ID. PELICAN 5 6-6

CHEMICAL COMPOSITION				DERIVED DATA	
		MG/L	ME/L		MG/L
CATIONS					
CALCIUM	(CA)	69.0	3.44	TOTAL DISSOLVED SOLIDS	
MAGNESIUM	(MG)	6.00	0.494	A. BASED ON E.C.	8120
SODIUM	(NA)	3200	139	B. CALCULATED (HCO3=CO3)	7800
POTASSIUM	(K)	110	2.81		
ANIONS					
HYDROXIDE	(OH)			TOTAL HARDNESS	197
CARBONATE	(CO3)			CARBONATE HARDNESS	197
BICARBONATE	(HCO3)	3280	53.8	NON-CARBONATE HARDNESS	
SULPHATE	(SO4)	240	5.00	TOTAL ALKALINITY	2690
				(EACH AS CaCO3)	
CHLORIDE	(CL)	2550	71.9	TOTALS AND BALANCE	
NITRATE	(NO3)	7.0	0.113	CATIONS (ME/L)	146 DIFF= 15.1
				ANIONS (ME/L)	131 SUM = 277
				DIFF*100./SUM =	5.46%
				SODIUM / TOTAL CATION RATIO	95.4%
				REMARKS	
				IMBALANCE UNKNOWN	RESULTS CHECKED
				AND VERIFIED	
REACTION - PH			8.0		
CONDUCTIVITY (E.C.)					
MICRO-S/CM AT 25 C			13000		
RESISTIVITY OHM.M @ 25C			0.769		
				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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