



amdel

446096

WATER ANALYSIS REPORT

JOB NO. 4919/86

METHOD W2/1

PAGE W4

SAMPLE ID. PELICAN 5 6-4

CHEMICAL COMPOSITION

DERIVED DATA

		MG/L	ME/L			MG/L
CATIONS						
CALCIUM	(CA)	255	12.7	TOTAL DISSOLVED SOLIDS		
MAGNESIUM	(MG)	12.0	0.987	A. BASED ON E.C.		7430
SODIUM	(NA)	2980	130	B. CALCULATED (HCO3=CO3)		8300
POTASSIUM	(K)	199	5.09			

ANIONS						
HYDROXIDE	(OH)			TOTAL HARDNESS		686
CARBONATE	(CO3)			CARBONATE HARDNESS		686
BICARBONATE	(HCO3)	3380	55.4	NON-CARBONATE HARDNESS		
SULPHATE	(SO4)	1250	26.0	TOTAL ALKALINITY		2770
				(EACH AS CAC03)		

TOTALS AND BALANCE

CHLORIDE	(CL)	1930	54.4			
NITRATE	(NO3)	9.0	0.145	CATIONS (ME/L)		148 DIFF= 12.4
				ANIONS (ME/L)		136 SUM = 284
				DIFF*100./SUM =		4.37%
				SODIUM / TOTAL CATION RATIO		87.3%

REMARKS

IMBALANCE UNKNOWN RESULTS CHECKED AND VERIFIED

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

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

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