

Container Identification		Laboratory Number	
PB4D		04WG106135D	
Operator Name			
PARAMOUNT RESOURCES LTD.			
Unique Well Identifier		Well Name	
30-330/123-30		PARAMOUNT et al LIARD K-29	
Field or Area		Elevation	
LIARD		KB m GRD m	
Pool or Zone		Sampler's Company	
NAHANNI		OPSCO	
Test Type	Test No.	Test Recovery	
Test Interval or Perfs		Sampling Point	
2500.00-3000.00		FLOWLINE	
mKB		Separator	
		Reservoir	
		Source	
		Sampled	
		Received	
		Pressure (kPa)	
		Temperature	
		Name of Sampler	
Date Sampled		Date Received	
Nov 30, 2004		Dec 15, 2004	
Date Reported		Entered By	
Dec 23, 2004		ML	
Certified By		Other Information	
ML		SWAB #4, 300K296030123301	

Cations

ION	mg/L	Mass Fraction	mmol/L
Na	44050.0	0.267	1916.1
K	5380.0	0.033	137.6
Ca	15000.0	0.091	374.3
Mg	759.0	0.005	31.2
Fe	88.2	0.001	1.6

Total Cations 2867.8

Anions

ION	mg/L	Mass Fraction	mmol/L
Cl	99798.8	0.604	2815.0
HCO3	195.2	0.001	3.2
SO4	TRACE	Nil	TRACE
CO3	Nil	Nil	Nil
OH	Nil	Nil	Nil

Total Anions 2818.2

Other Measurements

Measurement	Value
Total Dissolved Solids (Calculated) mg/L	165271
Observed pH	6.38
H2S (25°C) mg/L	N/D
Relative Density (25°C)	1.116
Resistivity/OHM-m (25°C)	0.057
Salinity %	16.16

Logarithmic Pattern mmol/L

