

Sample Location: Replacement Water Well (Moon 2)

Laboratory Analytical Report Summary

Analytical Results																			
Test Parameter	Units	2nd Quarter 2008 06/12/08	Chemical Air Free Vol %	Delta 13C	Delta D	3rd Quarter 2008 09/16/08	Delta 13C	Delta D	1st quarter 2009 02/09/09	2nd Quarter 2009 04/01/09	Delta 13C	Delta D	3rd Quarter 2009 07/29/09	4th Quarter 2009 11/18/09	Delta 13C	Delta D	1 st Quarter 2010 02/03/10	Delta 13C	Delta D
Methane	mg/l	0.14				1.2			1.5	2.2			0.56	5.7			1.8/3.3		
Carbon Monoxide	Chemical Mol. %	nd	nd			nd				nd				nd			nd		
Hydrogen Sulfide	Chemical Mol. %	nd	nd			nd				nd				nd			nd		
Helium	Chemical Mol. %	nd	nd			nd				nd				nd			nd		
Hydrogen	Chemical Mol. %	nd	nd			nd				nd				nd			nd		
Argon	Chemical Mol. %	1.42	1.84			1.14				0.973				1.02			1.04		
Oxygen	Chemical Mol. %	9.71				5.50				5.06				5.38			1.27		
Nitrogen	Chemical Mol. %	84.68	90.35			81.29				59.7				61.05			76.14		
Carbon Dioxide	Chemical Mol. %	0.1900	0.3500			0.11				0.13				0.0999			0.17		
Methane	Chemical Mol. %	3.9400	7.3400			11.23	-46.93	-182.2		31.00	-42.33	-186.0		29.81	-42.59	187.4	19.61	-43.54	-185.1
Ethane	Chemical Mol. %	0.0540	0.1000			0.51	-26.87			2.11	-27.93			1.86	-27.86		1.13	-28.24	
Ethylene	Chemical Mol. %	nd	nd			nd				nd				nd			nd		
Propane	Chemical Mol. %	0.011	0.021			0.16	-25.21			0.754	26.03			0.564	-25.58		0.414	-26.15	
Iso-butane	Chemical Mol. %	nd	nd			0.0436				0.159				0.116			0.1010		
N-butane	Chemical Mol. %	nd	nd			0.0144				0.115				0.0646			0.0729		
Iso-pentane	Chemical Mol. %	nd	nd			nd				0.0329				0.0208			0.0256		
N-pentane	Chemical Mol. %	nd	nd			nd				0.0140				0.0106			0.0142		
Hexanes +	Chemical Mol. %	nd	nd			nd				0.0050				0.0076			0.0137		