



BOUNTY DEVELOPMENT LTD.

**BOUNTY LEWIS 1AA-05-03-093-07W4**

## X-Ray Diffraction Analysis



Loring Tarcore Labs Ltd.

Company : BOUNTY DEVELOPMENT LTD.  
Well Name : BOUNTY LEWIS 1AA-05-03-093-07W4  
Location : 1AA/05-03-093-07 W4/00

Formation :  
Reference : RC11-802  
Date : 14-06-2011

## X-RAY DIFFRACTION ANALYSIS

### BULK FRACTION X-RAY DIFFRACTION DATA (1)

Sample ID	Depths (m)	Total Clay	Quartz	K-feldspar	Plagioclase	Calcite	Dolomite	Siderite	Pyrite
1	104.67-104.72	63	32	2	3	/	/	/	/
2	116.60-116.65	41	41	3	9	/	3	/	3
3	125.01-125.06	32	45	2	6	/	15	/	/
4	138.50-138.55	60	26	2	2	/	/	/	10
5	153.78-153.82	57	31	2	4	/	4	/	2
6	159.61-159.65	64	23	3	4	/	3	/	3
7	166.41-166.46	46	44	2	5	/	/	/	3

Company : BOUNTY DEVELOPMENT LTD.  
 Well Name : BOUNTY LEWIS 1AA-05-03-093-07W4  
 Location : 1AA/05-03-093-07 W4/00

Formation :  
 Reference : RC11-802  
 Date : 14-06-2011

## X-RAY DIFFRACTION ANALYSIS

### CLAY FRACTION X-RAY DIFFRACTION DATA (2)

Sample ID	Depths (m)	Kaolinite	Chlorite	Illite	Smectite	Illite/Smectite (I/S)	Smectite in I/S mixed layer, ( %)	Chlorite/Smectite (C/S)	Total
1	104.67-104.72	8	5	22	/	65	50	/	100
2	116.60-116.65	5	5	23	/	67	60	/	100
3	125.01-125.06	3	3	26	/	68	60	/	100
4	138.50-138.55	3	3	22	/	72	65	/	100
5	153.78-153.82	3	3	26	/	68	65	/	100
6	159.61-159.65	1	1	12	86		80	/	100
7	166.41-166.46	3	3	21	73		75	/	100