Quality Analysis ... *Innovative Technologies*

Date Submitted: 02-Oct-09
Invoice No.: A09-5649
Invoice Date: 29-Oct-09
Your Reference: Castlewood Lake

KODIAK EXPLORATION
700 West Pender st
Suite 1205
Vancouver British Columbia V6C1G8
Canada

ATTN: Lucy Zhang

CERTIFICATE OF ANALYSIS

29 Rock samples were submitted for analysis.

The following analytical packages were requested:

Code 1A2-Tbay Au - Fire Assay AA
Code 1A3-Tbay Au - Fire Assay Gravimetric
Code 1E3-Tbay Aqua Regia ICP(AQUAGEO)

REPORT **A09-5649**

Notes:
Values which exceed the upper limit should be assayed for accurate numbers.
If value exceeds upper limit we recommend reassay by fire assay gravimetric-Code 1A3

CERTIFIED BY :

Emmanuel Eseme , Ph.D.
Quality Control

ACTIVATION LABORATORIES LTD.

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Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Date Analyzed	Oct 16 2009 8:08AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM
G26804	687	0.6	4.6	239	369	225	93	28	600	1.40	64	< 10	< 10	1.3	5	0.22	60	103	11.3	10	2	0.87	< 10	0.96
G26805	> 3000	1.0	0.9	82	933	25	33	44	116	0.77	7	< 10	31	< 0.5	< 2	3.61	22	25	4.33	< 10	< 1	0.43	< 10	1.23
G26806	2800	0.9	0.7	107	418	47	59	13	101	1.58	34	< 10	18	0.9	4	1.22	38	67	7.38	10	3	0.77	12	0.90
G26807	26	< 0.2	< 0.5	241	1210	< 1	85	9	90	2.35	3	< 10	464	1.6	< 2	6.20	31	165	5.61	< 10	2	1.76	79	3.58
G26808	6	0.3	< 0.5	4	888	2	243	14	51	1.81	< 2	< 10	34	< 0.5	< 2	6.31	30	601	3.72	< 10	< 1	0.10	24	5.45
G26809	> 3000	1.3	2.4	291	745	56	82	33	375	1.32	61	< 10	11	1.1	5	1.40	52	79	9.34	10	2	0.82	11	1.06
G26810	15	0.2	< 0.5	102	765	< 1	29	6	61	2.40	3	< 10	72	1.0	< 2	4.49	28	57	5.83	10	2	1.34	18	3.09
G26811	> 3000	0.8	0.5	133	956	8	43	6	236	2.11	10	< 10	47	0.6	< 2	1.50	27	46	6.15	10	< 1	0.24	19	1.61
G26812	> 3000	1.0	1.3	93	838	66	49	13	247	1.75	22	< 10	27	0.8	3	2.08	30	40	6.74	< 10	1	0.56	16	1.52
G26813	92	0.3	0.6	40	1180	5	191	10	73	1.96	< 2	< 10	206	1.2	< 2	7.07	31	418	5.24	< 10	< 1	1.60	38	5.44
G26814	815	0.8	0.6	106	1560	114	37	38	100	0.98	10	< 10	24	< 0.5	4	2.49	33	54	8.39	< 10	< 1	0.54	< 10	0.91
G26815	> 3000	0.7	1.0	73	210	135	41	26	129	0.59	73	< 10	18	< 0.5	4	0.58	23	68	8.49	< 10	2	0.37	15	0.28
G26816	> 3000	0.9	0.9	92	1010	153	53	15	143	1.63	25	< 10	27	0.6	4	2.58	31	54	6.58	< 10	1	0.71	< 10	1.01
G26817	207	0.4	0.6	57	956	3	210	6	69	3.12	< 2	< 10	411	0.7	< 2	5.52	38	393	6.29	10	< 1	0.54	16	6.13
G26818	2930	0.9	1.4	82	588	216	42	24	234	0.61	16	< 10	22	< 0.5	4	1.48	25	47	6.28	< 10	1	0.25	11	0.72
G26819	310	0.5	0.8	98	261	178	41	25	84	0.63	22	< 10	17	< 0.5	6	0.56	31	56	7.69	< 10	2	0.32	11	0.34
G26820	64	0.6	0.9	151	2200	3	59	< 2	304	3.63	19	< 10	50	< 0.5	3	0.02	30	83	21.8	10	< 1	0.10	< 10	1.81
G26821	58	< 0.2	0.7	56	1560	1	220	6	155	2.86	< 2	< 10	212	0.5	< 2	7.04	36	373	6.30	10	2	0.73	56	5.35
G26822	1760	0.6	0.6	83	474	44	44	10	98	1.39	12	< 10	11	0.5	5	1.48	29	38	7.40	< 10	3	0.40	< 10	0.82
G26823	835	0.6	1.3	80	71	538	40	19	161	0.53	25	< 10	< 10	< 0.5	11	0.04	31	45	7.57	< 10	1	0.15	< 10	0.27
G26824	34	< 0.2	0.8	101	1270	8	144	5	120	2.08	< 2	< 10	311	1.0	< 2	6.99	30	259	5.51	< 10	< 1	1.43	49	4.97
G26825	112	0.4	0.8	111	1480	2	41	7	96	2.36	4	< 10	63	0.7	< 2	3.90	38	61	9.72	10	2	0.86	< 10	2.13
G26826	15	0.5	0.9	75	1410	2	166	26	131	1.84	2	< 10	123	0.9	< 2	7.16	36	305	6.46	10	1	1.55	37	4.89
G26827	55	0.4	0.6	154	1270	2	81	3	111	2.45	3	< 10	73	0.6	< 2	4.88	41	122	8.17	10	3	0.63	< 10	2.92
G26828	> 3000	0.8	6.6	282	832	5	65	21	1760	2.63	42	< 10	< 10	1.4	3	0.13	56	83	9.51	10	< 1	0.63	< 10	1.33
G26829	94	2.0	3.2	305	999	25	74	153	690	1.30	66	< 10	< 10	1.1	7	1.26	56	82	9.95	< 10	3	0.80	< 10	1.12
G26830	> 3000	2.1	2.5	114	242	27	38	65	313	0.49	53	< 10	< 10	< 0.5	< 2	0.30	35	36	8.87	< 10	< 1	0.23	< 10	0.29
G26831	18	0.3	< 0.5	42	213	13	6	13	9	0.11	< 2	< 10	20	< 0.5	< 2	1.08	5	7	0.99	< 10	< 1	0.02	< 10	0.11
G26832	2560	0.6	0.8	227	1510	< 1	75	< 2	115	1.62	3	< 10	257	0.5	< 2	4.20	44	85	9.78	10	1	0.71	< 10	2.51

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Detection Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
Date Analyzed	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 14 2009 10:26AM	Oct 26 2009 10:51AM
G26804	0.179	0.050	8.82	4	17	18	0.13	8	3	< 10	241	< 10	7	69	
G26805	0.090	0.049	3.04	< 2	9	267	0.03	< 1	< 2	< 10	57	< 10	7	48	3.00
G26806	0.141	0.070	4.80	4	12	122	0.09	4	< 2	< 10	133	< 10	6	68	
G26807	0.135	0.367	0.41	2	10	377	0.18	< 1	< 2	< 10	184	< 10	19	7	
G26808	0.019	0.052	0.06	2	11	412	0.01	< 1	3	< 10	73	< 10	7	10	
G26809	0.140	0.048	7.38	3	14	76	0.10	3	< 2	< 10	131	< 10	7	66	4.07
G26810	0.151	0.129	1.30	< 2	20	290	0.18	2	< 2	< 10	150	< 10	10	13	
G26811	0.105	0.064	2.58	< 2	12	61	0.08	< 1	5	< 10	155	< 10	8	56	6.95
G26812	0.086	0.056	4.03	3	10	94	0.02	1	< 2	< 10	114	< 10	8	69	4.80
G26813	0.064	0.127	0.46	3	17	457	0.16	< 1	3	< 10	128	< 10	11	18	
G26814	0.135	0.046	3.72	2	14	136	0.18	2	< 2	< 10	137	< 10	6	44	
G26815	0.155	0.041	4.34	4	9	74	0.04	7	< 2	< 10	58	< 10	4	55	3.19
G26816	0.066	0.044	4.43	3	7	83	0.04	< 1	< 2	< 10	65	< 10	6	57	5.10
G26817	0.054	0.115	0.38	3	21	355	0.08	< 1	4	< 10	160	< 10	8	8	
G26818	0.139	0.033	4.56	2	7	75	0.02	4	< 2	< 10	54	< 10	4	40	
G26819	0.143	0.019	4.88	3	7	39	0.03	< 1	2	< 10	76	< 10	4	50	
G26820	0.019	0.013	2.56	10	12	3	0.11	< 1	< 2	< 10	140	< 10	2	29	
G26821	0.042	0.217	0.09	3	16	487	0.03	< 1	4	< 10	116	< 10	14	2	
G26822	0.071	0.022	6.63	< 2	7	52	0.01	5	< 2	< 10	62	< 10	5	48	
G26823	0.125	0.009	6.12	3	4	8	0.01	4	< 2	< 10	76	< 10	3	48	
G26824	0.070	0.214	0.42	< 2	14	534	0.13	1	4	< 10	121	< 10	14	5	
G26825	0.087	0.053	1.65	6	23	140	0.25	< 1	< 2	< 10	299	< 10	8	27	
G26826	0.100	0.232	0.82	3	16	563	0.14	< 1	4	< 10	177	< 10	17	8	
G26827	0.083	0.041	1.33	4	17	260	0.17	< 1	3	< 10	168	< 10	10	31	
G26828	0.078	0.036	5.41	5	14	13	0.14	5	< 2	< 10	120	< 10	7	67	2.61
G26829	0.179	0.030	7.40	5	15	81	0.17	5	< 2	< 10	112	< 10	6	62	
G26830	0.106	0.014	7.44	4	6	23	0.04	5	< 2	< 10	61	< 10	3	37	7.25
G26831	0.074	0.017	0.50	< 2	1	62	< 0.01	< 1	< 2	< 10	3	< 10	2	6	
G26832	0.124	0.046	0.55	5	22	237	0.25	4	< 2	< 10	278	< 10	5	20	

Quality Control

Analyte Symbol	Au	Ag	Cd	Cu	Mn	Mo	Ni	Pb	Zn	Al	As	B	Ba	Be	Bi	Ca	Co	Cr	Fe	Ga	Hg	K	La	Mg
Unit Symbol	ppb	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	ppm	%	ppm	%
Detection Limit	5	0.2	0.5	1	5	1	1	2	2	0.01	2	10	10	0.5	2	0.01	1	1	0.01	10	1	0.01	10	0.01
Analysis Method	FA-AA	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP
Date Analyzed	2009-10-16 08:08:07	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55
GXR-1 Meas		28.7	3.4	1050	742	14	29	568	605	0.32	349	13	385	0.8	1310	0.74	7	7	21.9	< 10	4	0.02	< 10	0.13
GXR-1 Cert		31.0	3.30	1110	852	18.0	41.0	730	760	3.52	427	15.0	750	1.22	1380	0.960	8.20	12.0	23.6	13.8	3.90	0.0500	7.50	0.217
GXR-4 Meas		3.7	0.6	5950	141	309	33	41	69	2.58	95	< 10	44	1.4	23	0.90	15	54	3.05	10	< 1	1.40	49	1.61
GXR-4 Cert		4.00	0.860	6520	155	310	42.0	52.0	73.0	7.20	98.0	4.50	1640	1.90	19.0	1.01	14.6	64.0	3.09	20.0	0.110	4.01	64.5	1.66
GXR-2 Meas		19.1	4.0	72	952	< 1	14	656	501	3.19	16	20	1320	1.0	< 2	0.77	9	25	1.79	< 10	3	0.53	20	0.50
GXR-2 Cert		17.0	4.10	76.0	1010	2.10	21.0	690	530	16.5	25.0	42.0	2240	1.70	0.690	0.930	8.60	36.0	1.86	37.0	2.90	1.37	25.6	0.850
GXR-6 Meas		0.3	0.8	62	964	1	19	85	114	6.50	208	< 10	1100	0.9	< 2	0.19	14	80	5.26	20	1	0.93	11	0.41
GXR-6 Cert		1.30	1.00	66.0	1010	2.40	27.0	101	118	17.7	330	9.80	1300	1.40	0.290	0.180	13.8	96.0	5.58	35.0	0.0680	1.87	13.9	0.609
OREAS 13P Meas				2490			1800												5.16					
OREAS 13P Cert				2500			2260												7.58					
DMMAS-105 Meas											1700		73				44	64	4.80				24	
DMMAS-105 Cert											1693		742				48	97	6.17				37.5	
CDN-GS-1D Meas	917																							
CDN-GS-1D Cert	1050.00																							
CDN-GS-7A Meas																								
CDN-GS-7A Cert																								
CDN-GS-7A Meas																								
CDN-GS-7A Cert																								
CDN-GS-1E Meas	1220																							
CDN-GS-1E Cert	1160.00																							
G26809 Orig																								
G26809 Dup																								
G26813 Orig	97																							
G26813 Dup	87																							
G26816 Orig		0.9	0.9	93	1020	154	54	14	143	1.64	26	< 10	26	0.6	3	2.59	31	54	6.59	< 10	1	0.71	< 10	1.01
G26816 Dup		0.9	0.9	92	1010	153	53	15	142	1.63	25	< 10	27	0.6	4	2.57	31	53	6.56	< 10	1	0.71	< 10	1.01
G26823 Orig	836																							
G26823 Dup	835																							
G26830 Orig		2.2	2.5	112	240	27	37	64	309	0.48	53	< 10	< 10	< 0.5	< 2	0.30	35	36	8.73	< 10	< 1	0.22	< 10	0.29
G26830 Dup		2.0	2.4	117	245	27	38	65	317	0.50	53	< 10	< 10	< 0.5	< 2	0.30	35	36	9.00	< 10	< 1	0.23	< 10	0.30
Method Blank Method Blank		< 0.2	< 0.5	< 1	< 5	< 1	< 1	< 2	< 2	< 0.01	< 2	< 10	< 10	< 0.5	< 2	< 0.01	< 1	< 1	< 0.01	< 10	< 1	< 0.01	< 10	< 0.01

Quality Control

Analyte Symbol	Na	P	S	Sb	Sc	Sr	Ti	Te	Tl	U	V	W	Y	Zr	Au
Unit Symbol	%	%	%	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	g/tonne
Detection Limit	0.001	0.001	0.01	2	1	1	0.01	1	2	10	1	10	1	1	0.03
Analysis Method	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	AR-ICP	FA-GRA
Date Analyzed	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-14 10:26:55	2009-10-26 10:51:43
GXR-1 Meas	0.067	0.040	0.20	81	1	182		14	< 2	34	75	142	23	13	
GXR-1 Cert	0.0520	0.0650	0.257	122	1.58	275		13.0	0.390	34.9	80.0	164	32.0	38.0	
GXR-4 Meas	0.117	0.115	1.73	4	7	75		2	5	< 10	80	17	11	10	
GXR-4 Cert	0.564	0.120	1.77	4.80	7.70	221		0.970	3.20	6.20	87.0	30.8	14.0	186	
GXR-2 Meas	0.231	0.051	0.03	32	5	93		2	< 2	< 10	45	< 10	10	10	
GXR-2 Cert	0.556	0.105	0.0313	49.0	6.88	160		0.690	1.03	2.90	52.0	1.90	17.0	269	
GXR-6 Meas	0.149	0.031	0.02	4	22	38		< 1	4	< 10	165	< 10	6	11	
GXR-6 Cert	0.104	0.0350	0.0160	3.60	27.6	35.0		0.0180	2.20	1.54	186	1.90	14.0	110	
OREAS 13P Meas															
OREAS 13P Cert															
DMMAS-105 Meas	0.195			6	5					56					
DMMAS-105 Cert	2.81			10.6	15.7					66					
CDN-GS-1D Meas															
CDN-GS-1D Cert															
CDN-GS-7A Meas															6.63
CDN-GS-7A Cert															7.20
CDN-GS-7A Meas															6.89
CDN-GS-7A Cert															7.20
CDN-GS-1E Meas															
CDN-GS-1E Cert															
G26809 Orig															3.30
G26809 Dup															4.83
G26813 Orig															
G26813 Dup															
G26816 Orig	0.066	0.044	4.44	2	7	83	0.04	< 1	< 2	< 10	65	< 10	6	57	
G26816 Dup	0.065	0.044	4.42	3	7	83	0.04	1	< 2	< 10	64	< 10	6	57	
G26823 Orig															
G26823 Dup															
G26830 Orig	0.103	0.014	7.34	4	6	23	0.04	4	< 2	< 10	60	< 10	3	36	
G26830 Dup	0.108	0.014	7.54	5	6	23	0.04	5	< 2	< 10	62	< 10	3	37	
Method Blank Method Blank	0.011	< 0.001	< 0.01	< 2	< 1	< 1	< 0.01	< 1	< 2	< 10	< 1	< 10	< 1	< 1	