



## Loring Laboratories (Alberta) Ltd.

629 Beaverdam Road N.E.,  
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ISO9001:2008 Certified

TO: MICREX DEVELOPMENT CORP.  
 156 LAURIER DR.  
 Edmonton AB  
 T5R 5P9

File NO. : 5 2 9 5 4  
 Date : April 13, 2010

### 30 ELEMENT ICP ANALYSIS

Sample No.	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
990401	<0.5	1.32	<1	<1	2005	247	<1	9.28	10	246	99	46	23.98	0.06	99	1.33	2594	2	0.48	19	3.95	12	19	184	<1	5.05	<1	432	<1	188
990403	<0.5	1.52	<1	<1	1075	319	<1	8.88	10	262	99	19	26.18	0.12	83	1.11	2763	2	1.15	16	3.42	8	23	172	<1	6.10	76	490	<1	228
990405	<0.5	1.30	<1	<1	2955	226	<1	6.41	11	278	96	8	28.23	0.08	58	1.80	2845	2	0.55	20	2.70	10	21	104	<1	5.77	<1	516	<1	193
990407	<0.5	1.43	<1	<1	633	134	<1	7.38	12	295	101	9	29.81	0.07	70	1.01	2688	1	1.16	25	3.00	9	29	117	<1	6.60	<1	577	<1	227
990410	<0.5	1.38	<1	<1	2895	287	<1	7.23	11	274	94	9	28.31	0.10	68	0.69	2561	1	0.63	14	3.03	10	22	126	<1	6.26	<1	550	<1	195
990413	<0.5	2.30	<1	<1	3605	218	<1	7.30	8	200	24	3	17.63	0.10	76	4.49	2649	1	1.06	17	2.71	<1	9	255	<1	1.22	<1	119	<1	107
990415	<0.5	1.08	2	<1	3775	129	<1	8.00	10	253	32	28	23.83	0.06	95	3.32	2675	1	0.56	26	3.29	7	17	150	<1	3.71	<1	316	<1	197
990417	<0.5	1.03	<1	<1	3815	254	<1	8.08	10	249	30	17	23.47	0.08	93	3.21	2736	1	0.68	19	3.36	9	14	155	<1	3.43	<1	312	<1	202
990419	<0.5	1.42	<1	<1	2815	218	<1	8.40	10	257	51	3	25.62	0.08	90	0.86	2582	1	0.54	15	3.47	8	23	147	<1	5.69	<1	494	<1	206
990421	<0.5	0.93	2	<1	1445	225	<1	10.82	9	222	31	12	21.40	0.10	121	2.32	2456	<1	1.21	21	4.01	7	16	229	<1	3.74	<1	309	<1	162
990422	<0.5	1.42	<1	<1	1285	224	<1	7.10	11	288	64	8	28.40	0.10	70	1.90	2849	1	1.02	22	2.89	9	24	113	<1	5.92	<1	512	<1	221
990427	<0.5	1.30	<1	<1	3585	176	<1	9.29	10	249	46	6	24.56	0.07	102	1.51	2484	<1	0.59	22	3.73	6	22	170	<1	5.06	<1	452	<1	192
990429	<0.5	1.17	<1	<1	834	121	<1	7.77	12	276	18	2	26.68	0.07	87	3.42	2832	<1	1.37	27	3.11	11	21	134	<1	4.57	<1	409	<1	184
990430	<0.5	1.68	<1	<1	3895	150	<1	6.98	13	294	97	3	28.95	0.06	66	1.04	2571	1	0.61	25	3.08	8	27	104	<1	6.47	<1	580	<1	237
990431	<0.5	1.10	<1	<1	3165	164	<1	6.02	11	280	27	11	25.97	0.05	57	3.49	2788	<1	0.49	30	2.63	15	20	92	<1	4.45	<1	437	<1	161
990433	<0.5	1.38	<1	<1	1555	103	<1	6.55	11	275	56	7	25.35	0.10	59	2.40	2552	1	0.98	24	2.73	8	22	111	<1	4.81	<1	452	<1	210
990435	<0.5	1.68	<1	<1	3195	85	<1	6.58	11	277	113	4	26.80	0.09	57	0.98	2387	1	0.49	27	2.86	4	24	99	<1	6.19	<1	555	<1	211
990437	<0.5	1.76	<1	<1	3525	85	<1	5.94	12	284	82	18	27.38	0.10	56	1.49	2323	1	0.56	29	2.57	5	26	83	<1	5.82	<1	560	<1	228
990441	<0.5	1.70	17	<1	1515	81	<1	6.08	12	296	113	8	28.85	0.10	52	1.77	2675	2	1.15	30	2.49	6	26	88	<1	6.21	<1	587	<1	242
990443	<0.5	1.63	<1	<1	1565	86	<1	6.81	12	285	117	5	27.90	0.09	53	1.13	2439	<1	0.90	33	2.86	7	27	94	<1	6.43	<1	563	<1	209
990445	<0.5	1.65	<1	<1	857	48	<1	7.80	11	271	82	10	26.39	0.10	73	1.15	2341	<1	1.16	30	3.13	7	26	123	<1	6.03	<1	545	<1	192
990449	<0.5	1.03	<1	<1	319	45	<1	6.77	13	315	88	2	28.97	0.10	64	1.20	2331	<1	1.29	38	3.07	11	32	141	<1	6.82	<1	623	<1	293

Total digestion using multi acid.  
 Ca Fe Ti P results are higher than usual, therefore Assay are recommend.

Certified by: \_\_\_\_\_



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156 LAURIER DR.  
Edmonton AB  
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### 30 ELEMENT ICP ANALYSIS

Sample No.	Ag ppm	Al %	As ppm	Au ppm	B ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	K %	La ppm	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm
990602	<0.5	1.46	<1	<1	2279	40	<1	9.33	2	128	69	38	21.27	0.14	50	5.20	3413	4	0.39	16	4.03	9	<1	238	<1	3.16	<1	336	<1	223
990604	<0.5	1.57	<1	<1	1651	43	<1	8.85	2	150	96	27	23.28	0.11	44	3.60	3280	2	0.33	14	3.78	9	<1	227	<1	4.36	<1	509	<1	241
990606	<0.5	6.90	<1	<1	7442	584	<1	4.58	1	60	40	16	13.30	0.52	9	5.72	2625	2	3.26	13	0.87	2	5	530	<1	0.64	<1	64	<1	143
990608	<0.5	1.98	<1	<1	1635	2710	<1	9.53	12	294	<1	49	23.84	0.22	102	3.77	2559	3	1.83	193	4.04	<1	104	305	<1	5.73	<1	525	<1	498
990610	<0.5	2.22	<1	<1	2195	2576	<1	11.75	22	383	<1	34	31.85	0.20	98	1.48	2150	4	1.75	195	4.34	14	143	219	<1	8.53	<1	818	<1	480
990612	<0.5	4.46	<1	<1	1805	2029	<1	6.12	12	250	<1	53	19.30	0.26	53	5.03	2304	3	2.18	93	1.85	<1	32	376	<1	2.12	<1	149	<1	152
990614	<0.5	11.58	<1	<1	1195	625	<1	6.13	6	105	1	23	9.32	0.55	52	2.43	1146	4	2.96	35	0.91	<1	9	766	<1	0.84	<1	67	<1	37
990616	<0.5	6.00	<1	<1	2155	1229	<1	3.92	11	190	<1	33	18.42	0.24	41	4.62	2386	4	2.08	57	0.86	<1	21	367	<1	1.67	<1	144	<1	80
990618	<0.5	2.44	<1	<1	730	595	<1	7.99	15	252	26	44	27.32	0.11	89	1.58	2277	2	1.16	78	3.10	3	58	202	<1	5.68	<1	520	<1	199
990620	<0.5	1.52	<1	<1	1065	944	<1	6.26	14	240	<1	26	24.23	0.18	74	4.34	2661	2	1.19	71	2.46	4	40	145	<1	3.52	<1	369	<1	105
990622	<0.5	7.93	<1	<1	1415	973	<1	6.02	8	141	9	24	14.10	0.46	60	1.67	1396	3	2.42	41	1.60	<1	32	459	<1	2.89	<1	255	<1	27
990624	<0.5	3.24	<1	<1	2165	848	<1	6.25	16	264	14	29	26.56	0.14	65	1.57	2180	2	1.12	83	2.46	<1	69	166	<1	5.89	<1	590	<1	207
990626	<0.5	1.18	<1	<1	1105	814	<1	8.00	15	255	<1	62	24.85	0.11	84	4.18	2580	2	1.23	85	3.17	9	44	166	<1	3.90	<1	415	<1	116
990628	<0.5	1.16	<1	<1	648	524	<1	9.09	14	255	<1	57	24.46	0.07	100	3.33	2435	2	0.72	80	3.63	8	44	186	<1	4.05	<1	450	<1	142
990630	<0.5	1.16	<1	<1	2425	1074	<1	7.71	13	244	<1	35	23.45	0.12	85	3.70	2445	2	0.98	76	2.98	10	46	172	<1	4.05	<1	397	<1	124
990632	<0.5	0.72	<1	<1	1715	717	<1	8.82	12	239	<1	37	21.55	0.09	92	4.54	2432	1	0.60	78	3.37	9	31	196	<1	2.84	<1	296	<1	107

Total digestion using multi acid.

Ca Fe Ti P results are higher than usual, therefore Assay are recommend.

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**TO: MICREX DEVELOPMENT CORP.**  
**156 LAURIER DR.**  
**Edmonton AB**  
**T5R 5P9**

FILE: 5 2 9 5 4

DATE: Sept 23, 2010

## RE-ASSAY RARE EARTH ANALYSIS

Sample I.D.	CeO <sub>2</sub>	Dy <sub>2</sub> O <sub>3</sub>	Er <sub>2</sub> O <sub>3</sub>	Eu <sub>2</sub> O <sub>3</sub>	Gd <sub>2</sub> O <sub>3</sub>	Ho <sub>2</sub> O <sub>3</sub>	La <sub>2</sub> O <sub>3</sub>	Lu <sub>2</sub> O <sub>3</sub>	Nd <sub>2</sub> O <sub>3</sub>	Pr <sub>6</sub> O <sub>11</sub>	Sm <sub>2</sub> O <sub>3</sub>	Tb <sub>4</sub> O <sub>7</sub>	Tm <sub>2</sub> O <sub>3</sub>	Y <sub>2</sub> O <sub>3</sub>	Yb <sub>2</sub> O <sub>3</sub>	Total REE
	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm Oxides
990401	1093	20	1	6	260	5	116	7	979	25	56	10	15	195	14	2803
990403	1012	18	9	5	299	6	97	7	1176	38	45	12	17	184	14	2938
990405	976	6	1	3	300	7	68	9	1158	39	48	12	18	145	12	2801
990407	1008	8	9	3	333	7	82	9	1332	51	48	0	18	164	14	3087
990410	992	12	1	3	327	6	80	9	1281	33	49	6	20	170	14	3005
990413	946	4	3	2	137	4	89	6	367	16	49	4	13	132	9	1781
990415	997	13	7	6	228	5	111	7	806	43	45	11	18	174	12	2484
990417	1032	13	7	4	227	5	109	8	771	27	48	12	17	179	12	2471
990419	1037	18	10	4	291	6	105	8	1133	19	53	7	17	188	14	2912
990421	1148	26	19	8	239	5	142	7	848	20	70	4	14	231	15	2796
990422	927	9	6	2	286	6	82	8	1079	44	42	9	20	139	12	2672
990427	1014	18	1	8	279	5	120	8	1026	22	58	6	14	200	14	2794
990429	914	11	1	3	246	5	102	8	876	32	40	11	19	151	12	2431
990430	896	13	1	3	300	6	78	8	1144	48	28	8	18	141	12	2704
990431	882	5	1	2	235	5	67	8	797	48	44	7	17	117	10	2247
990433	893	9	7	2	251	6	70	7	896	57	36	7	18	125	11	2394
990435	894	10	13	2	297	6	66	8	1132	46	41	6	18	138	12	2690
990437	853	8	1	1	284	6	66	8	1034	58	29	11	18	122	11	2509
990441	838	6	1	1	284	6	61	8	1045	60	32	9	19	116	11	2498
990443	877	10	10	3	296	6	62	9	1116	62	36	16	19	133	12	2666
990445	942	12	10	4	278	6	85	8	1030	39	40	11	18	147	12	2642
990449	913	8	1	2	284	6	75	8	1052	55	41	5	17	129	11	2606
990602	973	12	12	4	201	4	58	7	647	16	53	8	16	155	11	2177
990604	947	12	3	3	229	4	52	7	797	43	49	11	16	141	11	2326
990606	711	<1	4	<1	80	3	10	3	135	27	9	1	9	32	3	1028
990608	896	9	1	2	250	5	120	8	878	41	36	3	15	131	11	2405
990610	895	7	1	1	317	7	115	9	1191	52	41	3	19	120	11	2788
990612	781	<1	7	<1	135	4	62	6	363	43	21	7	11	62	6	1508
990614	759	<1	6	<1	79	3	61	2	157	<1	28	<1	6	32	2	1134



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FILE: 5 2 9 5 4

DATE: Sept 23, 2010

## RE-ASSAY RARE EARTH ANALYSIS

Sample I.D.	CeO <sub>2</sub> ppm	Dy <sub>2</sub> O <sub>3</sub> ppm	Er <sub>2</sub> O <sub>3</sub> ppm	Eu <sub>2</sub> O <sub>3</sub> ppm	Gd <sub>2</sub> O <sub>3</sub> ppm	Ho <sub>2</sub> O <sub>3</sub> ppm	La <sub>2</sub> O <sub>3</sub> ppm	Lu <sub>2</sub> O <sub>3</sub> ppm	Nd <sub>2</sub> O <sub>3</sub> ppm	Pr <sub>6</sub> O <sub>11</sub> ppm	Sm <sub>2</sub> O <sub>3</sub> ppm	Tb <sub>4</sub> O <sub>7</sub> ppm	Tm <sub>2</sub> O <sub>3</sub> ppm	Y <sub>2</sub> O <sub>3</sub> ppm	Yb <sub>2</sub> O <sub>3</sub> ppm	Total REE ppm Oxides
990616	755	<1	1	<1	118	4	48	5	307	33	20	5	12	33	4	1345
990618	938	10	12	2	274	6	104	7	1018	31	42	1	16	138	12	2611
990620	869	1	6	1	208	5	87	7	680	56	37	7	15	108	9	2096
990622	845	1	1	<1	148	4	71	4	514	8	27	11	8	75	6	1722
990624	809	3	9	1	278	6	76	7	1043	32	25	<1	18	100	10	2416
990626	903	8	15	3	218	5	99	8	745	45	49	1	16	138	11	2262
990628	978	14	15	4	242	6	117	8	826	36	50	10	16	166	12	2498
990630	948	8	7	4	224	5	100	7	792	35	45	12	17	134	10	2349
990632	1001	10	12	4	195	5	108	7	630	44	52	9	16	156	11	2259
std-Re	141840	1769	589	2369	5560	199	55834	17	66181	13326	10757	632	21	3071	98	302263
std-Re	144167	1796	599	2407	5648	202	56737	14	67324	13556	10929	648	19	3119	97	307263
STD% Value	14.30	0.17	0.06	0.26	0.58	0.02	5.60	0.0013	6.70	1.80	1.00	0.06	0.002	0.32	0.011	
<b>Averages:</b>																
Hole 99-04	958	12	6	4	271	6	88	8	1003	40	44	8	17	155	12	2632
Hole 99-06	875	6	7	2	200	5	80	6	670	34	36	5	14	108	9	2057
Both Holes	923	9	6	3	241	5	85	7	863	38	41	7	16	135	11	2390

2 g Sample with fusion and multi acid digestion with ions exchanged eliminating interference from matrix elements and analyzed using ICP.

Certified by: \_\_\_\_\_

This certificate to replace the previous certificate dated Apr 14, 2010.  
 Values of Er<sub>2</sub>O<sub>3</sub> amended.