



Chemex Labs Ltd.

Analytical Chemists * Geochemists * Registered Assayers
 212 Brooksbank Ave., North Vancouver
 British Columbia, Canada V7J 2C1
 PHONE: 604-984-0221

To: MINNOVA INC.

3RD FLOOR, 311 WATER ST.
 VANCOUVER, BC
 V6B 1B8

Lara - Drill Results 1990

827448

92B/13

Page Number : 1-A
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 Invoice Date : 6-NOV-90
 Invoice No. : I-9025486
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Project : 602

Comments : ATTN: IAN PIRIE CC: JOHN KAPUSTA

CERTIFICATE OF ANALYSIS

A9025486

SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
BCD 16776	205 294	35	2.8	0.13	60	30	< 0.5	6	0.11	< 0.5	< 1	181	3	0.65	10	< 1	0.12	< 10	0.01	30
BCD 16777	205 294	15	0.2	0.12	25	40	< 0.5	6	0.05	< 0.5	< 1	131	2	0.46	< 10	< 1	0.13	< 10	0.01	35
BCD 16778	205 294	40	0.6	0.07	< 5	10	< 0.5	6	0.03	< 0.5	< 1	335	2	0.48	< 10	< 1	0.05	< 10	< 0.01	50
BCD 16801	205 294	210	1.0	0.29	955	80	< 0.5	4	0.04	< 0.5	1	83	12	0.54	10	< 1	0.21	< 10	0.02	40
BCD 16802	205 294	495	44.6	0.41	420	190	< 0.5	10	0.04	< 0.5	< 1	119	4	0.80	10	4	0.29	10	0.02	25
BCD 16803	205 294	70	5.0	0.42	1025	160	< 0.5	2	0.06	< 0.5	< 1	84	7	0.60	< 10	< 1	0.32	20	0.03	30
BCD 16804	205 294	155	1.0	0.52	260	130	< 0.5	10	0.06	< 0.5	< 1	66	2	0.48	< 10	1	0.38	20	0.03	40
BCD 16805	205 294	110	14.0	0.66	80	120	< 0.5	< 2	0.07	< 0.5	< 1	66	2	0.27	10	1	0.46	30	0.04	20
BCD 16806	205 294	145	2.4	0.63	435	190	< 0.5	< 2	0.05	0.5	< 1	88	4	0.69	10	< 1	0.42	10	0.03	20
BCD 16807	205 294	30	1.4	0.52	55	100	< 0.5	14	0.03	0.5	< 1	90	2	0.42	10	3	0.30	10	0.02	15
BCD 16808	205 294	80	9.2	0.48	170	450	< 0.5	4	0.02	< 0.5	< 1	167	10	0.77	10	< 1	0.24	10	0.04	50
BCD 16809	205 294	250	22.4	0.60	1020	200	< 0.5	< 2	0.09	< 0.5	< 1	108	2	0.68	10	2	0.37	10	0.05	25
BCD 16810	205 294	115	4.0	0.30	1105	50	< 0.5	6	0.04	< 0.5	< 1	123	4	0.66	< 10	< 1	0.17	< 10	0.03	20
BCD 16811	205 294	525	4.8	0.33	655	100	< 0.5	4	0.04	< 0.5	< 1	95	3	0.77	10	2	0.20	10	0.02	40
BCD 16812	205 294	280	21.0	0.43	860	330	< 0.5	< 2	0.02	< 0.5	< 1	134	4	1.07	10	2	0.28	10	0.01	30
BCD 16813	205 294	100	18.0	0.85	170	280	< 0.5	< 2	0.03	< 0.5	1	74	6	0.92	10	< 1	0.38	20	0.03	35
BCD 16814	205 294	90	4.4	0.22	360	110	< 0.5	< 2	0.01	< 0.5	< 1	212	4	0.81	10	5	0.14	< 10	0.01	20
BCD 16815	205 294	550	7.0	1.29	330	170	< 0.5	2	0.05	< 0.5	2	44	1	0.81	10	< 1	0.59	20	0.05	30
BCD 16816	205 294	985	46.0	0.54	660	110	< 0.5	< 2	0.02	< 0.5	< 1	195	7	1.17	10	7	0.27	< 10	0.03	40
BCD 16817	205 294	45	1.4	0.08	40	30	< 0.5	6	0.01	0.5	< 1	179	< 1	0.44	< 10	< 1	0.09	< 10	< 0.01	25
BCD 16818	205 294	285	2.0	0.18	80	70	< 0.5	< 2	0.02	< 0.5	< 1	305	1	0.81	10	< 1	0.13	< 10	0.01	35
BCD 16819	205 294	15	0.2	0.10	50	30	< 0.5	4	0.01	0.5	< 1	203	< 1	0.40	< 10	< 1	0.09	< 10	< 0.01	25
BCD 16820	205 294	280	4.8	0.27	105	20	< 0.5	8	0.02	0.5	1	273	2	1.42	< 10	< 1	0.20	< 10	0.02	35
BCD 16821	205 294	130	41.2	1.23	230	270	< 0.5	< 2	0.05	0.5	< 1	150	23	1.49	10	< 1	0.63	10	0.06	55
BCD 16822	205 294	160	3.2	0.17	55	120	< 0.5	< 2	0.02	0.5	< 1	196	2	0.90	< 10	1	0.20	< 10	0.01	55
BCD 16823	205 294	500	3.0	0.06	120	20	< 0.5	< 2	0.02	< 0.5	1	222	< 1	1.36	< 10	< 1	0.11	< 10	< 0.01	40
BCD 16824	205 294	280	6.2	0.41	245	60	< 0.5	4	0.12	< 0.5	< 1	199	13	4.32	10	< 1	0.28	10	0.03	30
BCD 16825	205 294	400	17.4	0.53	1500	420	< 0.5	2	0.04	< 0.5	< 1	173	7	1.33	< 10	3	0.33	10	0.02	20

CERTIFICATION:

B. Coughlin



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Project : 602

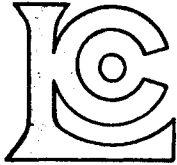
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CERTIFICATE OF ANALYSIS

A9025486

SAMPLE DESCRIPTION	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
BCD 16776	205 294	38 < 0.01	5	340	16	5	< 1	20 < 0.01	< 10	< 10	2	< 10	22		
BCD 16777	205 294	5 < 0.01	< 1	260	12	< 5	< 1	8 < 0.01	< 10	< 10	3	< 10	22		
BCD 16778	205 294	2 < 0.01	< 1	60	16	< 5	< 1	2 < 0.01	< 10	< 10	< 1	< 10	12		
BCD 16801	205 294	< 1 < 0.01	< 1	100	4	25	< 1	4 < 0.01	< 10	< 10	2	< 10	16		
BCD 16802	205 294	16 < 0.01	< 1	90	18	45	< 1	20 < 0.01	< 10	< 10	2	< 10	10		
BCD 16803	205 294	25 < 0.01	< 1	90	32	40	< 1	21 < 0.01	< 10	< 10	3	< 10	14		
BCD 16804	205 294	2 < 0.01	< 1	30	24	25	< 1	17 < 0.01	< 10	< 10	3	< 10	12		
BCD 16805	205 294	1 < 0.01	< 1	100	36	10	< 1	49 < 0.01	< 10	< 10	2	< 10	10		
BCD 16806	205 294	26 < 0.01	1	80	24	25	< 1	28 < 0.01	< 10	10	6	< 10	10		
BCD 16807	205 294	1 < 0.01	< 1	70	10	< 5	< 1	46 < 0.01	< 10	< 10	2	< 10	8		
BCD 16808	205 294	1 < 0.01	< 1	150	2	5	< 1	30 0.01	< 10	< 10	8	< 10	16		
BCD 16809	205 294	< 1 < 0.01	< 1	200	28	95	< 1	88 < 0.01	< 10	< 10	5	< 10	10		
BCD 16810	205 294	6 < 0.01	< 1	100	30	15	< 1	14 < 0.01	< 10	< 10	2	< 10	6		
BCD 16811	205 294	14 < 0.01	< 1	60	20	20	< 1	23 < 0.01	< 10	< 10	1	< 10	6		
BCD 16812	205 294	5 < 0.01	< 1	100	24	25	< 1	31 < 0.01	< 10	< 10	2	< 10	6		
BCD 16813	205 294	4 < 0.01	< 1	240	< 2	10	< 1	78 < 0.01	< 10	< 10	3	< 10	20		
BCD 16814	205 294	14 < 0.01	< 1	< 10	10	15	< 1	28 < 0.01	< 10	< 10	< 1	< 10	4		
BCD 16815	205 294	< 1 < 0.01	< 1	120	20	20	< 1	116 < 0.01	< 10	< 10	5	< 10	14		
BCD 16816	205 294	136 < 0.01	< 1	60	24	25	< 1	29 < 0.01	< 10	< 10	4	< 10	4		
BCD 16817	205 294	11 < 0.01	< 1	20	20	< 5	< 1	6 < 0.01	< 10	< 10	< 1	< 10	2		
BCD 16818	205 294	2 < 0.01	< 1	40	10	< 5	< 1	12 < 0.01	< 10	< 10	5	< 10	4		
BCD 16819	205 294	1 < 0.01	< 1	< 10	18	< 5	< 1	2 < 0.01	< 10	< 10	< 1	< 10	2		
BCD 16820	205 294	52 < 0.01	2	< 10	16	20	< 1	8 < 0.01	< 10	< 10	23	< 10	8		
BCD 16821	205 294	145 0.01	< 1	210	118	5	< 1	11 < 0.01	< 10	< 10	17	< 10	30		
BCD 16822	205 294	15 < 0.01	< 1	< 10	26	10	< 1	14 < 0.01	< 10	< 10	8	< 10	4		
BCD 16823	205 294	11 < 0.01	1	130	2	10	< 1	8 < 0.01	< 10	< 10	5	< 10	6		
BCD 16824	205 294	25 < 0.01	3	910	14	30	2	58 < 0.01	< 10	< 10	24	< 10	28		
BCD 16825	205 294	50 < 0.01	< 1	210	22	55	< 1	101 < 0.01	< 10	< 10	2	< 10	6		

CERTIFICATION:



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To: MINNOVA INC.

3RD FLOOR, 311 WATER ST.
VANCOUVER, BC
V6B 1B8

A9026085

Comments: ATTN: JOHN KAPUSTA CC: MINNOVA INC. - CHEMAINUS

CERTIFICATE

A9026085

MINNOVA INC.

Project: LARA
P.O. #:

Samples submitted to our lab in Vancouver, BC.
This report was printed on 14-NOV-90.

SAMPLE PREPARATION

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
208	1	Assay ring to approx 150 mesh
294	1	Crush and split (0-10 pounds)

ANALYTICAL PROCEDURES

CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	1	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
1956	1	Ag ppm: ICP - assay digestion	ICP-AES	2	500
1951	1	Co %: ICP - assay digestion	ICP-AES	0.001	2.50
1952	1	Cu %: ICP, assay digestion	ICP-AES	0.001	2.50
1957	1	Fe %: ICP - assay digestion	ICP-AES	0.01	50.0
1958	1	Mn %: ICP - assay digestion	ICP-AES	0.001	2.50
1959	1	Mo %: ICP - assay digestion	ICP-AES	0.001	2.50
1953	1	Ni %: ICP, assay digestion	ICP-AES	0.001	2.50
1954	1	Pb %: ICP, assay digestion	ICP-AES	0.001	2.50
1955	1	Zn %: ICP, assay digestion	ICP-AES	0.001	2.50
301	1	Cu %: HClO4-HNO3 digestion	AAS	0.01	100.0



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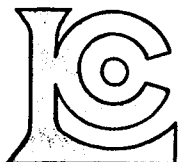
CERTIFICATE OF ANALYSIS

A9026085

SAMPLE DESCRIPTION	PREP CODE		Au ppb FA+AA	Ag ppm	Co %	Cu %	Fe %	Mn %	Mo %	Ni %	Pb %	Zn %	Cu %			
14603	208	294	770	12	0.003	2.04	13.25	0.162	< 0.001	0.002	< 0.001	0.058	2.23			

CERTIFICATION:

B. Coughlin



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3RD FLOOR, 311 WATER ST.
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V6B 1B8

A9026480

Comments: CC: JOHN KAPUSTA

CERTIFICATE	A9026480
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MINNOVA INC.

Project: LARA
P.O. #: PN242705

Samples submitted to our lab in Vancouver, BC.
This report was printed on 16-NOV-90.

SAMPLE PREPARATION		
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
214	1	Received sample as pulp

ANALYTICAL PROCEDURES					
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
316	1	Zn %: HClO4-HNO3 digestion	AAS	0.01	100.0



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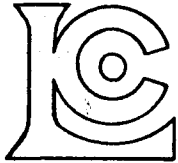
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CERTIFICATE OF ANALYSIS

A9026480

SAMPLE DESCRIPTION	PREP CODE	Zn %										
BCD 14511	214 --	1.74										

CERTIFICATION:



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To: MINNOVA INC.

3RD FLOOR, 311 WATER ST.
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V6B 1B8

A9026837

Comments: ATTN: JOHN KAPUSTA

CERTIFICATE **A9026837**

MINNOVA INC.

Project: LARA
P.O.#: 242

Samples submitted to our lab in Vancouver, BC.
This report was printed on 23-NOV-90.

SAMPLE PREPARATION		
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION
205	21	Geochem ring to approx 150 mesh
294	21	Crush and split (0-10 pounds)
238	21	NITRIC-AQUA REGIA DIGESTION
232	3	PERCHLORIC-NITRIC-HYDROFLUORIC D

ANALYTICAL PROCEDURES					
CHEMEX CODE	NUMBER SAMPLES	DESCRIPTION	METHOD	DETECTION LIMIT	UPPER LIMIT
100	21	Au ppb: Fuse 10 g sample	FA-AAS	5	10000
1005	21	Ag ppm: 9 element, soil and rock	ICP-AES	0.5	200
1929	21	Co ppm: 9 element, soil & rock	ICP-AES	1	10000
1931	21	Cu ppm: 9 element, soil & rock	ICP-AES	1	10000
1932	21	Fe %: 9 element, soil & rock	ICP-AES	0.01	15.00
1937	21	Mn ppm: 9 element, soil & rock	ICP-AES	5	10000
1938	21	Mo ppm: 9 element, soil & rock	ICP-AES	1	10000
1940	21	Ni ppm: 9 element, soil & rock	ICP-AES	1	10000
1004	21	Pb ppm: 9 element, soil and rock	ICP-AES	5	10000
1950	21	Zn ppm: 9 element, soil & rock	ICP-AES	2	10000
13	1	As ppm: HNO3-aqua regia digest	AAS-HYDRIDE/EDL	1	10000
25	3	Ba ppm: HClO4-HNO3-HF digestion	AAS	10	10000



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 Comments: ATTN: JOHN KAPUSTA

NOV 28 1990

CERTIFICATE OF ANALYSIS	A9026837
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SAMPLE DESCRIPTION	PREP CODE	Au ppb FA+AA	Ag ppm	Co ppm	Cu ppm	Fe %	Mn ppm	Mo ppm	Ni ppm	Pb ppm	Zn ppm	As ppm	Ba ppm		
14672	205 294	80	< 0.5	17	292	5.34	390	1	3	54	86	-----	-----		
14700	205 294	45	< 0.5	8	325	4.25	995	13	2	306	244	-----	-----		
14706	205 294	10	< 0.5	9	158	7.35	870	7	3	< 2	102	-----	-----		
14707	205 294	60	< 0.5	17	3570	8.17	830	16	9	64	6420	-----	-----		
14708	205 294	80	1.5	29	6020	12.80	235	36	2	48	4940	-----	-----		
14709	205 294	< 5	< 0.5	11	205	5.21	1255	2	11	6	152	-----	-----		
14710	205 294	< 5	< 0.5	10	64	4.85	1670	7	21	70	94	6550	-----		
14711	205 294	< 5	< 0.5	16	54	2.58	450	2	19	6	134	-----	1000		
14712	205 294	< 5	< 0.5	19	77	2.90	775	13	58	10	94	-----	1920		
14713	205 294	< 5	< 0.5	29	54	3.64	535	1	23	4	52	-----	760		
14714	205 294	< 5	< 0.5	2	101	2.23	790	1	11	< 2	104	-----	-----		
14715	205 294	10	< 0.5	20	148	4.33	565	10	11	< 2	80	-----	-----		
14716	205 294	< 5	< 0.5	2	126	1.49	1025	1	1	2	772	-----	-----		
14717	205 294	< 5	< 0.5	3	156	1.40	1030	1	1	< 2	1605	-----	-----		
14718	205 294	< 5	< 0.5	2	46	1.48	910	1	1	< 2	1050	-----	-----		
14719	205 294	20	< 0.5	4	996	2.69	680	3	1	< 2	2550	-----	-----		
14720	205 294	15	< 0.5	3	442	1.64	550	2	1	4	612	-----	-----		
14721	205 294	50	< 0.5	4	2680	6.03	1400	2	1	< 2	>10000	-----	-----		
14722	205 294	5	< 0.5	1	94	2.34	260	1	1	2	266	-----	-----		
14723	205 294	35	< 0.5	13	372	5.49	535	6	10	270	1585	-----	-----		
14724	205 294	< 5	< 0.5	10	133	4.07	680	4	10	8	84	-----	-----		

CERTIFICATION: B. Coughlin