



**MIN  
• EN  
LABORATORIES LTD.**

**SPECIALISTS IN MINERAL ENVIRONMENTS**  
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

**VANCOUVER OFFICE:**  
705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

*Certificate of Geochem*

Company: MINNOVA INC.  
Project: 235  
Attention: G. EVANS / I. PIRIE

File: 8-683/P2  
Date: JUNE 21/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

825242  
DUSTY MAC

Sample Number	AU-FIRE PPB	TL PPB	TE PPM	BI PPM	HG PPB
BCS 1031	6	15	.65	0.2	40
BCS 1032	54	5	1.20	0.1	30
BCS 1033	43	5	.53	0.3	35
BCS 1034	7250	5	.01	0.2	30
BCS 1035	8000	5	.15	0.4	50
-----					
BCS 1036	18000	5	.02	0.1	40
BCS 1037	21	80	.53	0.2	30
BCS 1038	38	300	.95	0.3	50
BCS 1039	43	280	1.55	0.7	35
BCS 1040	20	80	1.02	0.3	35
-----					
BCS 1041	2	15	.80	0.4	25
BCS 1042	283	5	2.37	0.8	55
BCS 1043	40	5	1.32	0.2	20
BCS 1044	103	15	.92	0.2	40
BCS 1045	25	100	3.10	0.1	50
-----					
BCS 1046	5	15	1.24	0.1	20
BCS 1047	3	90	1.92	0.2	25

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

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***Certificate of GEOCHEM***

Company: MINNOVA INC.  
Project: 235  
Attention: G. EVANS/I. PIRIE

File: 8-683/P1  
Date: JUNE 21/88  
Type: ROCK GEOCHEM

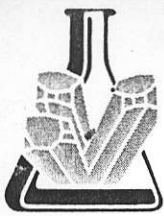
We hereby certify the following results for samples submitted.

Sample Number	AU-FIRE TL PPB	TE PPM	BI PPM	HG PPB	
BCS 1001	9450	560	1.17	0.1	15
BCS 1002	2290	260	1.50	0.1	30
BCS 1003	356	210	1.42	0.4	30
BCS 1004	9	5	1.53	0.2	25
BCS 1005	21	15	1.13	0.3	30
-----					
BCS 1006	1150	5	.96	0.1	30
BCS 1007	54	100	1.32	0.6	20
BCS 1008	16	106	.63	0.3	50
BCS 1009	19	104	.78	2.4	40
BCS 1010	40	400	2.92	2.1	30
-----					
BCS 1011	29	150	.95	0.2	55
BCS 1012	2	155	.58	0.3	35
BCS 1013	8	105	.70	0.7	50
BCS 1014	790	5	.07	0.2	25
BCS 1015	34	250	.23	0.2	60
-----					
BCS 1016	2860	5	.08	0.3	25
BCS 1017	13	250	.58	0.4	30
BCS 1018	1050	210	.10	0.2	45
BCS 1019	59	260	.13	0.2	80
BCS 1020	42	210	.07	0.1	65
-----					
BCS 1021	10	15	.05	0.2	40
BCS 1022	18	15	.02	0.4	60
BCS 1023	390	375	.20	0.2	30
BCS 1024	325	15	.05	0.1	25
BCS 1025	310	320	.17	0.4	70
-----					
BCS 1026	19	100	.05	0.3	55
BCS 1027	23	165	.33	0.8	40
BCS 1028	98	90	.17	0.4	105
BCS 1029	12	250	.23	0.9	55
BCS 1030	6	100	.12	0.2	50

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



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TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

*Certificate of ASSAY*

Company: MINNOVA INC.  
Project: 235  
Attention: G. EVANS/I. PIRIE

File: 8-683/P1  
Date: JUNE 21/88  
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON
BCS 1001	11.95	0.349
BCS 1002	2.63	0.077
BCS 1006	1.18	0.034
BCS 1016	3.42	0.100
BCS 1018	1.20	0.035
-----		
BCS 1034	7.60	0.222
BCS 1035	9.98	0.291
BCS 1036	21.80	0.636

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

MIN-EN LABORATORIES LTD.

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-683R/P1+2

ATTENTION: G. EVANS/I. PIRIE

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \*

DATE: JUNE 22, 1988

(VALUES IN PPM)	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE
BCS 1001	500.0	22310	16	3	1011	1.0	7	40740	3.5	7	3654	15490
BCS 1002	77.7	9090	19	1	39	1.0	6	7550	2.7	10	1930	15840
BCS 1003	11.7	9230	24	2	73	1.1	5	3790	2.1	9	248	15170
BCS 1004	2.6	16450	19	2	59	1.7	8	6360	2.0	14	6	39310
BCS 1005	2.5	20020	23	2	79	1.8	9	4840	2.2	14	2	42850
BCS 1006	11.8	10890	27	1	64	1.1	5	10390	2.1	11	25	22110
BCS 1007	3.5	3740	34	1	305	.5	4	2390	1.6	7	9	15300
BCS 1008	1.3	14540	25	2	37	1.4	4	14210	2.1	8	4	29810
BCS 1009	2.3	6160	27	1	58	1.0	5	2320	1.6	9	14	18400
BCS 1010	2.6	11580	27	2	823	1.4	8	2700	1.7	10	5	28550
BCS 1011	2.6	4990	32	1	85	.8	5	1500	1.6	8	12	17960
BCS 1012	1.1	13500	19	3	56	1.5	4	3950	2.3	13	1	34020
BCS 1013	1.4	9880	22	1	50	1.3	4	2000	2.0	12	6	28500
BCS 1014	2.4	2140	24	1	111	.9	4	3430	1.4	8	45	4650
BCS 1015	2.4	6550	72	1	58	1.2	4	1900	2.3	8	22	16450
BCS 1016	2.4	930	8	1	1	20.3	3	126180	1.4	6	22	1290
BCS 1017	1.8	9040	26	1	67	1.5	4	5900	1.9	9	5	20950
BCS 1018	2.9	12250	70	1	44	2.1	4	8650	2.6	11	8	23280
BCS 1019	2.5	10890	136	1	46	1.0	4	2070	3.8	7	3	25160
BCS 1020	1.7	9400	43	1	61	1.0	5	1130	2.0	8	4	23510
BCS 1021	1.6	5730	21	1	54	.8	4	3770	1.4	9	22	19010
BCS 1022	2.1	4630	24	1	53	.5	5	740	1.5	8	24	13350
BCS 1023	6.7	9830	41	2	46	.9	5	2830	2.1	11	9	23420
BCS 1024	.1	930	14	1	1	37.2	3	89750	1.3	6	20	1990
BCS 1025	3.1	3930	42	1	98	.8	5	580	1.7	8	5	22650
BCS 1026	1.7	1730	20	1	33	.9	4	15450	1.6	7	19	7760
BCS 1027	2.5	3850	30	1	84	.6	4	630	1.6	7	11	15940
BCS 1028	4.7	3300	40	5	77	.8	4	670	1.6	8	1	25960
BCS 1029	3.3	4410	27	2	49	.8	4	1290	1.7	10	14	11700
BCS 1030	2.6	3620	24	1	75	.5	5	450	1.4	7	2	21390
BCS 1031	5.8	14020	17	1	50	2.2	4	27520	1.8	10	3	28470
BCS 1032	4.3	11920	25	1	47	1.6	5	6820	1.7	10	12	16490
BCS 1033	5.6	6250	23	2	52	.8	5	3930	1.5	8	28	21780
BCS 1034	130.0	2870	25	1	13	.6	5	680	1.5	8	74	5600
BCS 1035	89.0	7540	25	2	55	1.2	5	1320	1.7	8	104	13580
BCS 1036	93.2	3080	23	1	14	.5	4	360	1.5	8	74	7060
BCS 1037	5.5	6190	23	1	46	1.0	5	680	1.6	7	9	16060
BCS 1038	4.9	9310	22	3	121	.6	4	11760	1.5	7	165	5380
BCS 1039	7.6	3130	26	2	136	.6	5	1400	1.5	7	48	12240
BCS 1040	5.8	3150	24	1	61	.5	5	4190	1.5	7	79	5060
BCS 1041	4.2	3570	25	2	92	.4	5	4280	1.4	7	26	2710
BCS 1042	10.2	4590	24	3	124	.4	4	8360	1.4	7	66	7410
BCS 1043	10.1	12280	19	2	49	1.4	7	5420	3.3	12	759	22440
BCS 1044	26.3	2880	24	1	50	.5	5	2110	1.6	7	104	6150
BCS 1045	6.9	6380	22	2	89	.6	4	6530	1.6	8	177	7950
BCS 1046	55.8	4900	20	3	180	.6	6	11000	1.9	8	2393	9170
BCS 1047	5.9	18600	26	2	59	1.9	12	6080	2.2	15	24	36180



PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-683R/P1+2

ATTENTION: G. EVANS/I. PIRIE

(604) 980-5814 OR (604) 988-4524

\* TYPE ROCK GEOCHEM \*

DATE: JUNE 22, 1988

(VALUES IN PPM)	K	LI	MG	MN	MO	NA	NI	P	PB	SB	SR	TH
BCS 1001	15180	28	5750	165	8	310	4	550	3887	3	41	1
BCS 1002	2120	31	6650	403	18	150	11	510	1317	3	42	1
BCS 1003	1940	34	8370	352	45	190	15	540	395	4	35	1
BCS 1004	1970	47	12240	286	7	340	15	2470	38	5	57	4
BCS 1005	2850	49	12970	261	6	200	10	2270	37	5	64	6
BCS 1006	2000	42	11000	491	12	150	14	1200	38	4	46	1
BCS 1007	3980	19	1720	15	16	160	11	1270	35	3	279	1
BCS 1008	2950	45	11640	257	9	160	13	1480	24	4	47	1
BCS 1009	3190	22	2860	164	11	170	14	1230	20	4	46	3
BCS 1010	4550	28	5190	70	8	240	13	1300	50	5	402	4
BCS 1011	3520	20	2070	61	39	180	11	1470	30	4	41	4
BCS 1012	3210	42	12290	526	8	220	35	1570	21	4	50	3
BCS 1013	2310	37	9650	329	10	440	22	1670	36	4	33	6
BCS 1014	1210	21	2020	133	7	140	15	280	5	3	30	1
BCS 1015	2440	27	2620	96	50	170	13	1020	18	4	108	2
BCS 1016	850	17	1910	513	6	80	10	190	6	2	756	1
BCS 1017	2240	37	8830	271	26	150	17	1070	24	4	73	1
BCS 1018	3140	41	7840	336	10	170	18	1270	28	5	45	2
BCS 1019	3060	32	5990	83	8	160	10	1670	20	4	46	1
BCS 1020	3390	26	4430	147	7	160	10	1230	14	4	35	2
BCS 1021	1890	20	2180	244	7	710	10	770	10	3	35	1
BCS 1022	1140	20	1920	44	8	1290	12	670	14	4	64	1
BCS 1023	2950	32	5460	162	23	170	21	1590	24	4	32	1
BCS 1024	840	18	1560	292	7	110	11	200	5	2	2507	1
BCS 1025	3210	20	2120	78	30	170	12	1230	17	3	61	3
BCS 1026	570	22	5490	351	16	160	13	200	23	3	152	1
BCS 1027	2350	21	2790	97	29	160	12	860	14	3	42	1
BCS 1028	2640	21	2670	53	409	170	10	1270	16	4	29	3
BCS 1029	1740	24	3500	143	186	160	18	640	21	4	50	1
BCS 1030	3120	19	1800	39	19	410	8	740	68	3	63	7
BCS 1031	3250	36	8140	561	8	450	8	1610	29	4	476	1
BCS 1032	4220	30	5510	266	8	310	11	810	27	4	164	2
BCS 1033	2570	26	2900	259	14	450	8	1440	48	4	66	2
BCS 1034	1160	23	2330	75	26	160	12	350	142	3	39	1
BCS 1035	2320	30	4690	212	10	180	11	620	191	4	136	1
BCS 1036	1200	24	2210	96	21	160	12	170	227	3	29	1
BCS 1037	3410	21	1780	46	10	330	9	690	14	4	60	3
BCS 1038	6690	21	3040	185	14	230	11	350	613	4	30	1
BCS 1039	3000	21	2110	48	138	250	11	580	50	3	39	1
BCS 1040	1970	20	1840	97	9	160	12	250	244	3	19	1
BCS 1041	3430	20	1480	31	9	190	14	140	80	3	22	1
BCS 1042	2640	21	2150	82	13	180	12	390	308	3	20	1
BCS 1043	2610	39	11960	593	16	220	13	1140	733	4	120	1
BCS 1044	1670	22	2350	71	76	160	12	300	221	8	20	1
BCS 1045	3350	24	3890	194	10	180	13	350	232	3	62	3
BCS 1046	1900	24	3470	180	7	250	10	300	2261	2	1628	1
BCS 1047	4360	41	11410	283	8	200	12	2380	40	5	49	2

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-683R/P1+2

ATTENTION: G.EVANS/I.PIRIE

(604)980-5814 OR (604)988-4524

# TYPE ROCK GEOCHEM # DATE: JUNE 22, 1988

(VALUES IN PPM)	U	V	ZN	GA	SN	W	CR
BCS 1001	1	38.9	730	1	2	1	132
BCS 1002	3	24.7	627	1	1	2	119
BCS 1003	3	33.5	140	4	1	2	161
BCS 1004	2	79.4	58	4	3	4	104
BCS 1005	2	64.1	44	3	3	3	82
BCS 1006	2	48.3	76	3	1	2	135
BCS 1007	1	24.7	15	5	2	2	111
BCS 1008	2	45.4	69	4	1	2	87
BCS 1009	3	21.0	33	5	1	2	115
BCS 1010	1	38.0	33	5	5	2	87
BCS 1011	3	21.1	29	5	1	2	96
BCS 1012	2	42.8	95	4	1	2	99
BCS 1013	2	36.3	63	4	1	2	109
BCS 1014	3	14.0	21	5	1	2	175
BCS 1015	2	21.0	33	5	1	2	83
BCS 1016	1	8.3	11	2	1	1	64
BCS 1017	2	35.0	42	4	1	2	149
BCS 1018	2	51.3	66	4	1	2	139
BCS 1019	2	48.4	47	4	1	2	122
BCS 1020	3	25.0	35	4	1	2	122
BCS 1021	3	26.4	72	4	1	2	102
BCS 1022	3	22.1	36	5	1	2	178
BCS 1023	3	55.1	53	4	2	2	186
BCS 1024	1	9.6	14	3	1	1	102
BCS 1025	3	40.5	22	5	1	2	118
BCS 1026	1	19.4	74	4	1	2	232
BCS 1027	3	33.7	30	5	1	2	171
BCS 1028	3	38.3	27	5	1	2	140
BCS 1029	3	25.2	48	5	1	2	161
BCS 1030	3	24.2	25	5	1	2	80
BCS 1031	1	35.5	81	1	1	1	57
BCS 1032	1	33.2	53	2	2	2	99
BCS 1033	2	25.8	34	2	1	2	105
BCS 1034	2	17.0	61	2	1	2	221
BCS 1035	1	24.7	69	2	2	2	182
BCS 1036	2	17.0	64	2	1	2	210
BCS 1037	2	18.8	22	2	1	2	88
BCS 1038	1	22.4	93	1	2	2	185
BCS 1039	2	26.8	31	2	2	2	128
BCS 1040	2	17.8	35	2	2	2	230
BCS 1041	2	14.9	19	2	2	2	218
BCS 1042	2	20.2	46	2	1	4	244
BCS 1043	1	46.3	770	1	2	2	163
BCS 1044	2	19.5	61	2	2	2	252
BCS 1045	1	22.3	115	2	1	2	194
BCS 1046	1	21.1	357	1	1	2	241
BCS 1047	1	81.4	60	2	8	2	96



PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-683/P1+2

ATTENTION: G.EVANS/I.PIRIE

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \*

DATE: JUNE 22, 1988

(VALUES IN %)	AL2O3	BA	BE	CAO	CO	CR2O3	CU	FE2O3	K2O	MGO	MNO2	MO
BCS 1001	6.91	.176	.001	6.75	.005	.04	.329	2.46	3.57	.78	.04	.005
BCS 1002	5.95	.070	.001	1.10	.005	.03	.173	2.48	2.62	.94	.09	.005
BCS 1003	7.11	.060	.001	.57	.006	.05	.038	4.41	2.19	1.32	.08	.010
BCS 1004	16.04	.208	.001	1.55	.005	.02	.005	7.16	5.90	2.17	.07	.005
BCS 1005	16.91	.238	.001	1.06	.005	.02	.005	7.54	6.74	2.42	.06	.005
BCS 1006	8.14	.104	.001	1.65	.005	.03	.005	3.45	4.11	1.67	.10	.005
BCS 1007	11.05	.159	.001	.33	.005	.04	.062	5.48	6.28	.42	.01	.005
BCS 1008	14.32	.114	.001	2.66	.005	.02	.005	5.85	5.37	2.58	.07	.005
BCS 1009	12.92	.163	.001	.33	.005	.03	.005	3.41	7.20	.53	.03	.005
BCS 1010	14.60	.271	.001	.40	.005	.03	.005	5.29	5.55	1.26	.02	.005
BCS 1011	13.95	.176	.001	.18	.006	.03	.041	4.45	8.60	.37	.02	.010
BCS 1012	14.58	.181	.001	.63	.005	.03	.005	5.98	5.87	2.33	.13	.005
BCS 1013	15.65	.181	.001	.33	.005	.02	.005	4.89	4.82	1.80	.08	.006
BCS 1014	3.40	.056	.001	.50	.005	.06	.005	.78	1.57	.23	.03	.005
BCS 1015	13.54	.143	.001	.31	.008	.03	.047	4.62	6.93	.56	.03	.012
BCS 1016	1.42	.009	.004	24.19	.005	.02	.005	.25	.55	.18	.12	.005
BCS 1017	9.11	.114	.001	.50	.005	.05	.005	3.37	4.69	1.50	.06	.006
BCS 1018	13.13	.145	.001	1.33	.007	.04	.021	4.90	7.75	1.15	.07	.005
BCS 1019	13.37	.161	.001	.24	.005	.03	.005	3.85	8.22	.92	.01	.005
BCS 1020	12.50	.140	.001	.12	.005	.04	.005	3.85	7.08	.71	.03	.005
BCS 1021	14.76	.113	.001	.67	.005	.01	.005	3.11	2.98	.25	.05	.005
BCS 1022	14.36	.028	.001	.44	.006	.03	.017	3.15	.38	.17	.01	.005
BCS 1023	10.11	.083	.001	.42	.005	.07	.005	3.56	5.91	.79	.03	.006
BCS 1024	1.61	.016	.005	16.95	.005	.04	.005	.31	.76	.18	.07	.005
BCS 1025	11.89	.137	.001	.06	.005	.03	.005	3.67	8.17	.29	.02	.008
BCS 1026	1.65	.006	.001	2.54	.006	.08	.039	2.92	.11	.72	.09	.005
BCS 1027	7.93	.110	.001	.05	.005	.05	.005	2.55	5.25	.35	.02	.006
BCS 1028	9.21	.122	.001	.03	.005	.04	.005	4.24	6.44	.32	.01	.089
BCS 1029	7.68	.103	.001	.13	.005	.05	.005	2.08	4.15	.48	.03	.040
BCS 1030	16.05	.197	.001	.05	.005	.01	.009	4.28	9.77	.18	.01	.005
BCS1031	18.18	.243	.001	4.71	.028	.01	.084	5.73	4.96	1.44	.12	.005
BCS1032	16.02	.194	.001	1.02	.005	.01	.005	2.71	7.99	.85	.06	.005
BCS1033	15.16	.184	.001	.50	.005	.01	.005	3.07	8.78	.29	.05	.005
BCS1034	1.81	.013	.001	.04	.005	.03	.006	.80	.52	.39	.02	.005
BCS1035	7.02	.134	.001	.07	.025	.02	.033	3.13	3.44	.60	.04	.005
BCS1036	2.46	.025	.001	.01	.005	.04	.007	.98	.75	.19	.02	.005
BCS1037	17.19	.210	.001	.01	.005	.01	.005	2.58	8.97	.28	.01	.005
BCS1038	3.38	.025	.001	1.93	.005	.04	.017	.76	1.56	.30	.04	.005
BCS1039	8.98	.120	.001	.10	.032	.01	.011	3.59	4.60	.39	.01	.028
BCS1040	1.58	.015	.001	.56	.005	.05	.008	.99	.52	.11	.02	.005
BCS1041	3.61	.043	.001	.54	.005	.04	.005	.30	2.49	.04	.01	.005
BCS1042	1.44	.017	.001	1.18	.005	.04	.006	1.01	.35	.14	.01	.005
BCS1043	9.66	.123	.001	.76	.027	.02	.140	4.66	4.51	1.77	.12	.005
BCS1044	2.74	.036	.001	.18	.005	.06	.010	.87	1.37	.17	.01	.012
BCS1045	3.47	.043	.001	.93	.005	.03	.019	1.14	1.67	.42	.04	.005
BCS1046	1.50	.025	.001	1.51	.005	.05	.241	1.18	.26	.30	.03	.005
BCS1047	16.77	.199	.001	1.04	.005	.01	.005	6.30	7.64	2.19	.07	.005



PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-683/F1+2

ATTENTION: G. EVANS/I. FIRIE

(604)980-5814 DR (604)988-4524

\* TYPE ROCK GEOCHEM \*

DATE: JUNE 22, 1988

(VALUES IN %)	NA2O	NB	NI	P2O5	PB	RB	SI02	SM	SR	TIO2	V	W
BCS 1001	.03	.01	.005	.09	.445	.68	70.70	.008	.02	.12	.005	.005
BCS 1002	.01	.01	.005	.13	.172	.04	82.40	.007	.02	.11	.005	.005
BCS 1003	.27	.01	.028	.15	.054	.18	79.76	.009	.02	.25	.005	.006
BCS 1004	1.68	.01	.005	.60	.005	.18	58.90	.007	.09	.97	.012	.012
BCS 1005	.42	.01	.005	.59	.005	.13	58.82	.007	.06	1.04	.012	.012
BCS 1006	.04	.01	.005	.28	.005	.01	75.80	.008	.03	.44	.005	.008
BCS 1007	.04	.01	.026	.29	.005	.01	71.36	.007	.06	.69	.005	.006
BCS 1008	.07	.01	.005	.33	.005	.25	61.26	.006	.04	.76	.008	.008
BCS 1009	.13	.01	.005	.26	.005	.19	71.68	.005	.04	.54	.005	.005
BCS 1010	.50	.01	.005	.25	.005	.56	67.57	.006	.08	.72	.006	.007
BCS 1011	.15	.01	.023	.37	.005	.34	68.37	.005	.04	.57	.005	.005
BCS 1012	.41	.01	.005	.37	.005	1.18	63.60	.007	.04	.81	.010	.011
BCS 1013	2.45	.01	.005	.36	.005	.01	65.23	.007	.05	.85	.008	.009
BCS 1014	.01	.01	.005	.09	.018	.44	90.17	.011	.02	.06	.005	.005
BCS 1015	.11	.01	.031	.28	.007	.25	69.84	.005	.05	.58	.005	.005
BCS 1016	.01	.01	.005	.01	.013	.32	57.89	.005	.12	.01	.005	.005
BCS 1017	.03	.01	.005	.17	.005	.11	76.07	.007	.04	.53	.005	.008
BCS 1018	.14	.01	.024	.26	.005	.46	66.27	.005	.04	.55	.005	.006
BCS 1019	.09	.01	.005	.32	.005	.37	68.88	.005	.03	.64	.005	.005
BCS 1020	.08	.01	.005	.28	.005	.33	71.71	.005	.03	.54	.005	.005
BCS 1021	3.85	.01	.005	.14	.005	.01	70.93	.005	.05	.42	.005	.006
BCS 1022	6.10	.01	.029	.13	.005	.01	72.41	.005	.15	.42	.005	.007
BCS 1023	.05	.01	.005	.22	.016	.01	75.28	.005	.03	.56	.006	.006
BCS 1024	.01	.01	.005	.04	.005	.01	68.38	.007	.39	.02	.005	.005
BCS 1025	.07	.01	.005	.21	.005	.12	72.23	.005	.04	.61	.005	.005
BCS 1026	.01	.01	.026	.01	.020	.01	87.52	.010	.03	.01	.005	.005
BCS 1027	.05	.01	.005	.12	.018	.01	80.70	.006	.03	.39	.005	.005
BCS 1028	.04	.01	.005	.19	.005	.01	75.92	.005	.03	.53	.005	.005
BCS 1029	.01	.01	.005	.13	.005	.01	82.29	.005	.02	.31	.005	.005
BCS 1030	1.41	.01	.026	.11	.005	.52	64.17	.005	.07	.50	.005	.005
BCS1031	3.86	.01	.008	.29	.005	.01	52.49	.005	.15	.61	.005	.010
BCS1032	1.18	.01	.005	.18	.005	.01	65.51	.005	.08	.54	.005	.009
BCS1033	1.75	.01	.005	.23	.005	.01	65.42	.005	.06	.46	.005	.006
BCS1034	.01	.01	.005	.07	.022	.01	93.88	.009	.01	.03	.005	.005
BCS1035	.02	.01	.010	.13	.016	.01	81.99	.007	.04	.27	.005	.005
BCS1036	.01	.01	.005	.03	.031	.01	93.20	.005	.01	.01	.005	.005
BCS1037	1.50	.02	.005	.13	.005	.01	65.46	.006	.07	.49	.005	.007
BCS1038	.01	.01	.005	.08	.079	.01	88.23	.009	.01	.07	.005	.005
BCS1039	.35	.01	.325	.12	.014	.01	77.81	.005	.03	.36	.005	.005
BCS1040	.01	.01	.005	.03	.029	.01	93.47	.009	.01	.03	.005	.005
BCS1041	.01	.01	.005	.01	.021	.01	90.35	.009	.01	.01	.005	.005
BCS1042	.01	.01	.005	.05	.033	.01	92.69	.007	.01	.01	.005	.005
BCS1043	.29	.01	.010	.18	.072	.01	72.65	.008	.06	.41	.005	.005
BCS1044	.01	.01	.005	.03	.028	.01	91.97	.008	.01	.06	.005	.005
BCS1045	.01	.01	.005	.05	.029	.01	88.97	.009	.02	.06	.005	.005
BCS1046	.01	.01	.005	.02	.190	.01	90.58	.009	.19	.03	.005	.005
BCS1047	.36	.01	.005	.42	.005	.01	60.07	.005	.06	1.01	.011	.009



PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-683/P1+2

ATTENTION: G. EVANS/I. PIRIE

(604)980-5814 OR (604)988-4524

# TYPE ROCK GEOCHEM # DATE: JUNE 22, 1988

(VALUES IN % )	ZN	ZR	S	TOT(%)
BCS 1001	.073	.005	.16	91.72
BCS 1002	.056	.005	.03	95.80
BCS 1003	.012	.013	.02	96.08
BCS 1004	.009	.035	.61	95.38
BCS 1005	.010	.039	.14	95.48
BCS 1006	.007	.015	.01	95.56
BCS 1007	.005	.023	1.27	97.18
BCS 1008	.010	.028	1.63	94.75
BCS 1009	.005	.019	.01	96.99
BCS 1010	.007	.032	.04	96.32
BCS 1011	.008	.021	.03	96.92
BCS 1012	.012	.028	.15	94.74
BCS 1013	.012	.029	.01	96.37
BCS 1014	.005	.005	.01	96.83
BCS 1015	.007	.018	.02	96.73
BCS 1016	.005	.005	.03	84.77
BCS 1017	.005	.018	.07	96.10
BCS 1018	.010	.020	.02	95.50
BCS 1019	.007	.020	.18	96.61
BCS 1020	.006	.018	.01	96.83
BCS 1021	.010	.022	.03	97.23
BCS 1022	.009	.021	.09	97.71
BCS 1023	.005	.014	.01	96.84
BCS 1024	.005	.005	.04	88.71
BCS 1025	.005	.020	.19	97.39
BCS 1026	.005	.005	.01	95.61
BCS 1027	.005	.012	.05	97.48
BCS 1028	.005	.014	.57	97.48
BCS 1029	.005	.008	.02	97.30
BCS 1030	.006	.040	.21	96.93
BCS1031	.010	.035	.01	92.54
BCS1032	.008	.036	.01	96.18
BCS1033	.006	.041	.01	95.76
BCS1034	.005	.005	.01	97.52
BCS1035	.005	.014	.01	96.77
BCS1036	.005	.005	.01	97.65
BCS1037	.007	.042	.01	96.79
BCS1038	.005	.005	.01	96.31
BCS1039	.005	.015	.01	96.37
BCS1040	.005	.005	.01	97.29
BCS1041	.005	.005	.01	97.40
BCS1042	.005	.005	.01	96.85
BCS1043	.078	.015	.01	95.04
BCS1044	.005	.005	.01	97.42
BCS1045	.006	.005	.01	96.75
BCS1046	.030	.005	.01	95.62
BCS1047	.009	.033	.01	95.72

(VALUES IN PPM )	AG	AS	BA	CU	PB	SB	ZN	AU-PPB
BCS10426	.8	17	42	16	18	2	56	3
BCS10427	.5	19	39	17	16	2	54	6
BCS10428	2.8	23	51	17	20	1	63	10
BCS10429	.7	15	159	17	57	1	53	7
BCS10430	1.3	36	222	13	73	1	64	4
BCS10431	1.3	39	120	8	23	1	43	6
BCS10432	1.5	50	64	10	22	1	51	8
BCS10433	.3	25	50	14	26	2	72	7
BCS10434	.3	32	35	13	24	2	75	5
BCS10435	1.2	62	29	11	22	2	74	252
BCS10436	.3	17	74	19	23	2	88	8
BCS10437	.1	12	48	13	4	2	95	5
BCS10438	.9	41	129	13	22	2	51	7
BCS10439	.5	23	114	8	31	2	68	2
BCS10440	.2	3	84	15	13	2	69	6
BCS10441	1.3	2	60	11	20	1	83	4
BCS10442	.8	36	80	13	27	1	60	10
BCS10443	1.1	11	2967	16	25	2	66	2
BCS10444	.2	1	87	23	19	2	69	15
BCS10445	1.1	10	145	32	25	1	74	8
BCS10446	1.6	7	143	5	17	1	32	2
BCS10447	1.9	9	519	17	21	1	54	3
BCS10448	4.1	14	494	20	22	1	35	3
BCS10449	.5	14	454	5	22	1	37	1
BCS10450	.6	13	166	6	10	1	25	1
BCS10451	1.7	18	226	5	16	1	60	3
BCS10452	1.0	30	1089	11	19	1	54	4
BCS10453	.9	21	504	10	27	1	46	5
BCS10454	.8	32	357	12	27	2	51	12
BCS10455	1.0	33	534	6	22	1	31	10
BCS10456	.5	17	392	6	23	1	54	2
BCS10457	.6	20	537	6	19	1	65	1
BCS10458	.8	9	124	47	16	1	45	3
BCS10459	.9	6	558	20	12	1	47	1
BCS10460	1.0	19	150	11	15	1	46	12
BCS10461	1.8	53	502	18	14	1	55	153
BCS10462	2.7	23	95	8	17	1	59	14
BCS10463	.9	5	118	25	23	1	58	6
BCS10464	.8	16	121	21	20	3	66	3
BCS10465	1.0	9	76	17	19	2	72	2
BCS10466	2.3	19	102	96	36	2	146	4
BCS10467	6.3	4	113	340	391	1	461	279
BCS10468	1.3	18	71	27	23	3	81	2
BCS10469	2.4	14	77	8	17	1	52	8
BCS10470	1.6	13	188	5	19	1	46	4
BCS10471	.9	17	150	11	14	2	69	7
BCS10472	.7	3	197	10	14	2	82	20
BCS10473	1.0	24	69	5	19	2	74	6
BCS10474	2.3	19	238	7	11	1	70	22
BCS10475	1.2	12	204	8	17	1	70	4
BCS10251	.2	10	344	5	20	2	143	17
BCS10252	1.7	8	1272	9	20	3	51	2
BCS10253	.9	3	396	17	21	3	41	5
BCS10254	1.2	6	147	10	18	3	70	2
BCS10255	1.1	1	186	27	23	2	85	16
BCS10256	.3	34	80	25	18	1	158	6
BCS10257	.7	1	268	20	32	2	93	20
BCS10258	.2	1	43	9	14	2	59	8
BCS10259	2.0	28	53	16	23	1	69	32
BCS10260	2.2	46	53	14	17	1	66	37

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

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PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-742/P3

ATTENTION: G.EVANS

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \*

DATE: JULY 2, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	SB	ZN	AU-PFB
BCS10476	.8	12	193	12	10	3	88	10
BCS10477	1.4	28	364	7	19	3	64	4
BCS10478	2.0	28	148	5	14	1	20	12
BCS10479	.3	1	86	7	11	2	97	2
BCS10480	1.4	9	188	7	16	3	127	1
BCS10481	1.4	12	127	13	29	3	76	3
BCS10482	2.0	25	97	9	17	1	42	2
BCS10483	1.8	1	74	6	14	2	66	1
BCS10484	.1	23	122	8	22	2	69	5



COMPANY: MINNOVA INC.  
PROJECT NO: 235, PENTICTON  
ATTENTION: I. PIRIE G. EVANS

MIN-EN LABS ICP REPORT  
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2  
(604)980-5814 OR (604)988-4524

(ACT:F31) PAGE 1 OF 1  
FILE NO: 8-795/P1  
DATE: JULY 2, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	SB	ZN	AU-FPB
BCD12054	1.8	25	41	13	33	1	107	3
BCD12055	5.1	11	206	14	43	1	156	14
BCD12057	27.1	22	47	26	47	2	184	12
BCD12058	3.3	30	44	5	38	2	100	13
BCD12059	2.5	31	46	5	31	1	67	4
BCD12060	3.0	25	43	6	29	2	67	11
BCD12062	1.8	24	44	14	21	2	44	2
BCD12065	1.2	15	121	12	46	1	46	3
BCD12066	.9	16	90	10	27	1	45	2
BCD12067	2.0	11	298	16	34	2	14	6
BCD12068	2.2	23	478	14	32	2	18	4
BCD12069	2.0	22	610	17	34	2	29	2
BCD12070	2.1	21	111	14	33	2	34	1
BCD12071	1.3	25	87	13	35	1	52	3
BCD12072	1.4	17	164	11	31	1	53	2
BCD12073	1.1	29	66	8	32	1	88	1
BCD12075	.8	34	181	19	35	1	193	4
BCD12077	.4	40	90	6	19	2	57	2
BCD12078	.3	32	93	19	9	1	75	1
BCD12079	.4	34	92	17	19	1	71	3
<del>BCD12081</del>	<del>.9</del>	<del>20</del>	<del>31</del>	<del>17</del>	<del>18</del>	<del>2</del>	<del>54</del>	<del>2</del>
BCD12056	108.0	11	50	58	125	1	211	1020
BCD12074	2.0	51	57	54	70	2	82	40

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COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

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PROJECT NO: 235 PENTICTON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-795L/P2

ATTENTION: I. PIRIE G. EVANS

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \* DATE: JULY 5, 1988

(VALUES IN % )	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	P2O5	SI02	SR	TIO2
BCD 12051	16.71	.227	3.23	6.20	5.26	1.76	.13	2.15	.29	53.01	.12	.63
BCD 12052	15.33	.175	.86	4.44	7.21	.45	.06	1.44	.21	62.67	.06	.42
BCD 12053	17.52	.207	1.31	3.03	7.82	.59	.08	2.71	.21	58.62	.09	.54
BCD 12061	18.30	.212	2.49	3.85	7.36	1.18	.13	2.58	.25	55.69	.12	.56
BCD 12063	18.49	.214	2.06	4.31	5.96	1.10	.07	1.86	.19	56.77	.11	.57
BCD 12064	19.34	.320	2.54	4.66	6.39	1.34	.10	2.44	.29	52.94	.19	.70
BCD 12076	15.70	.086	2.61	5.57	3.46	2.81	.11	.74	.37	59.55	.06	.87
BCD 12080	15.92	.172	3.47	6.25	3.93	3.09	.13	1.44	.37	55.68	.08	.86
BCD 12082	15.80	.154	2.78	5.84	3.70	2.78	.12	2.36	.33	55.66	.09	.71

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

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PROJECT NO: 235 PENTICTON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-795L/P2

ATTENTION: I.PIRIE G.EVANS

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \* DATE: JULY 5, 1988

(VALUES IN % )	ZR	S	TOT(%)
BCD 12051	.008	.48	90.20
BCD 12052	.010	.56	93.88
BCD 12053	.011	1.14	93.87
BCD 12061	.012	1.26	94.00
BCD 12063	.012	1.65	93.37
BCD 12064	.010	2.68	93.92
BCD 12076	.008	.37	92.31
BCD 12080	.008	.28	91.69
BCD 12082	.007	.02	90.34

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F26) PAGE 1 OF 2

PROJECT NO: 235 PENTICTON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-795L/P2A

ATTENTION: I. PIRIE G. EVANS

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \* DATE: JULY 5, 1988

(VALUES IN % )	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	P2O5	SiO2	SR	TiO2
BCD 12081	16.94	.116	3.91	4.65	2.76	1.81	.08	4.72	.18	79.01	.09	.55

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F26) PAGE 2 OF 2

PROJECT NO: 235 PENTICTON

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-795L/P2A

ATTENTION: I.PIRIE G.EVANS

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \* DATE: JULY 5, 1988

(VALUES IN % )	ZR	S	TOT(%)
BCD 12081	.005	.52	115.34



PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-795R

ATTENTION: I.PIRIE/G.EVANS

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \*

DATE: JULY 5, 1988

(VALUES IN PPM )	AG	AS	BA	CU	PB	SB	ZN	AU-PFB
BCD12051	2.4	32	40	13	28	1	74	5
BCD12052	1.7	42	41	8	13	2	32	5
BCD12053	2.1	24	40	10	18	2	57	10
BCD12061	2.0	21	41	6	25	1	65	5
BCD12063	2.2	21	61	10	70	2	97	5
BCD12064	1.6	19	96	9	30	2	60	5
BCD12076	1.1	27	61	14	26	1	71	5
BCD12080	.6	20	50	18	26	1	88	5
BCD12081	1.3	42	29	17	18	2	61	10
BCD12082	.8	30	83	13	26	1	80	5

(VALUES IN PPM )	AG	AS	BA	CU	PB	SB	ZN	AU-PPB
BCD12101	.8	8	66	12	22	2	60	2
BCD12102	.5	21	71	12	22	1	58	2
BCD12103	3.1	38	93	22	24	1	53	180
BCD12104	1.7	40	39	20	27	1	58	61
BCD12105	2.0	23	83	19	19	1	66	57
BCD12106	1.3	11	34	12	17	2	69	40
BCD12107	3.1	48	31	21	24	1	62	72
BCD12109	.1	19	32	19	32	1	89	8
BCD12110	.3	11	46	12	18	1	76	3
BCD12111	.6	34	235	28	16	2	65	12
BCD12112	.4	33	51	11	19	2	65	125
BCD12115	1.0	9	143	10	36	1	65	14
BCD12117	.6	12	572	16	25	1	60	2
BCD12119	.3	1	88	14	25	1	65	12
BCD12121	.3	31	77	11	23	2	55	9
BCD12122	1.3	13	59	14	20	1	51	1000
BCD12123	.9	13	96	21	21	1	65	141
BCD12124	.5	6	123	24	15	2	69	27
BCD12125	.6	1	153	29	24	1	58	22
BCD12126	1.3	18	152	18	19	1	66	130
BCD12128	.6	2	79	3	27	2	69	23
BCD12129	1.5	21	75	12	23	2	56	49
BCD12130	.8	29	69	13	32	1	65	48
BCD12131	1.4	53	73	9	28	1	100	56
BCD12132	1.2	32	58	14	16	2	65	106
BCD12133	1.4	23	54	11	19	2	53	81
BCD12134	1.2	37	82	18	25	1	64	33
BCD12136	1.1	99	438	9	20	4	58	26
BCD12138	2.3	16	353	11	27	2	17	72



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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

Certificate of ASSAY

Company: MINNOVA INC.  
Project: 235  
Attention: G. EVANS / I. D. PIRIE

File: B-840/P1  
Date: JULY 5/88  
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
BCD 12122	1.6	0.05	1.07	0.031

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

MIN-EN LABORATORIES LTD.

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-840/P1

ATTENTION: G.EVANS I.PIRIE

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \* DATE: JULY 7, 1988

( PPM )	BCD12108	BCD12113	BCD12114	BCD12116	BCD12118	BCD12120	BCD12127	BCD12135	BCD12139	BCD12140	BCD12137
AG	1.5	.2	1.0	.6	1.0	.2	1.0	.2	1.0	1.3	1.2
AS	22	9	16	7	16	39	20	155	5	9	50
BA	54	66	50	431	636	123	837	141	75	421	85
CU	7	14	16	11	24	16	26	7	7	14	5
PB	28	17	18	29	17	14	17	23	11	50	19
SB	1	1	1	1	2	2	1	3	2	1	2
ZN	69	55	62	67	37	64	37	79	70	63	78
AU-PPB	5	5	5	5	5	10	5	15	65	10	35



PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-840L/P1

ATTENTION: G. EVANS I. PIRIE

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \* DATE: JULY 7, 1988

( % )	BCD 1210	BCD 1211	BCD 1211	BCD 1211	BCD 1211	BCD 1212	BCD 1212	BCD 1213	BCD 1213	BCD 1214	BCD 1213
	8	3	4	6	8	0	7	5	9	0	7
AL2O3	17.49	14.62	15.68	16.11	14.29	16.36	14.51	17.05	15.75	19.69	14.64
BA	.244	.119	.158	.167	.132	.095	.182	.232	.150	.239	.080
CAO	1.67	4.47	1.79	1.83	1.95	4.72	2.09	.98	1.09	1.52	3.54
FE2O3	5.43	7.04	4.74	6.93	2.27	5.91	2.80	8.28	7.36	5.73	8.52
K2O	6.22	3.34	3.99	3.44	2.79	3.80	2.93	5.01	8.27	5.50	3.38
M6O	1.33	6.46	1.48	2.07	1.04	3.35	.63	2.33	3.45	1.74	2.84
MNO2	.12	.19	.07	.16	.06	.12	.07	.12	.19	.13	.18
NA2O	3.30	.91	2.69	2.55	2.29	.24	3.81	.16	.15	2.43	.05
P2O5	.33	.42	.23	.39	.18	.44	.12	.45	.47	.30	.50
SI02	56.01	52.95	62.93	60.41	70.64	57.85	68.24	56.60	57.91	58.21	57.39
SR	.11	.11	.07	.10	.08	.04	.08	.05	.09	.12	.04
TIO2	.60	.74	.61	.73	.28	.80	.25	.94	.94	.77	.87
ZR	.025	.014	.017	.020	.008	.015	.011	.024	.017	.027	.018
S	2.50	.96	1.13	.02	.01	.03	.04	3.45	.07	.02	1.94
TOT(%)	95.38	92.35	95.59	94.91	96.01	93.78	95.77	95.68	95.91	96.42	93.99



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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

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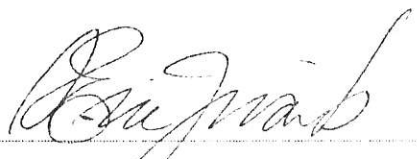
*Certificate of GEOCHEM*

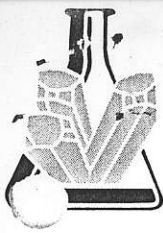
Company: MINNOVA INC.  
Project: 235  
Attention: G. EVANS/I. PIRIE

File: 8-683/P1  
Date: JULY 8/88  
Type: PULP GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	F PPM
BCS 1001	41750
BCS 1002	2475
BCS 1003	1040
BCS 1004	1470
BCS 1005	1245
-----	
BCS 1006	540
BCS 1007	620
BCS 1008	1415
BCS 1009	635
BCS 1010	2475
-----	
BCS 1011	330
BCS 1012	1020
BCS 1013	1195
BCS 1014	175
BCS 1015	490
-----	
BCS 1016	120
BCS 1017	665
BCS 1018	1235
BCS 1019	590
BCS 1020	420
-----	
BCS 1021	335
BCS 1022	125
BCS 1023	295
BCS 1024	20
BCS 1025	305
-----	
BCS 1026	195
BCS 1027	200
BCS 1028	210
BCS 1029	245
BCS 1030	160

Certified by 



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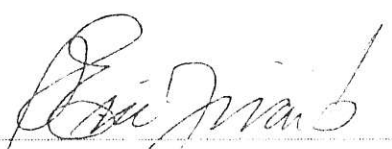
*Certificate of GEOCHEM*

Company: MINNOVA INC.  
Project: 235  
Attention: G. EVANS/I. PIRIE

File: 8-683/P2  
Date: JULY 8/88  
Type: PULP GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	F PPM
BCS 1031	770
BCS 1032	1115
BCS 1033	345
BCS 1034	170
BCS 1035	365
-----	
BCS 1036	215
BCS 1037	355
BCS 1038	11950
BCS 1039	580
BCS 1040	3125
-----	
BCS 1041	3775
BCS 1042	6050
BCS 1043	1045
BCS 1044	1710
BCS 1045	4950
-----	
BCS 1046	5300
BCS 1047	1560

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705 West 15th Street North Vancouver, B.C. Canada V7M 1T2

PHONE: (604) 980-5814 OR (604) 988-4524  
Att

TELEX: VIA USA 7601067 UC

Analytical Report

Company: MINNOVA INC.  
Project: 235  
Attention: G. EVANS I. PIRIE

File: 8-683R  
Date: JULY 8/89  
Type: PULP GEOCHEM

Date Samples Received :  
Samples Submitted by : G. EVANS I. PIRIE

Report on ..... 47 PULPS ..... Geochem Samples  
..... Assay Samples

- Copies sent to:
1. MINNOVA INC., VANCOUVER, B.C.
  2. MINNOVA INC., PENTICTON, B.C.
  - 3.

Samples: Sieved to mesh ..... Ground to mesh .....

Prepared samples stored: ..... X ..... discarded: .....

rejects stored: ..... discarded: .....

Methods of analysis:  
F-SPECIFIC ION METER

Remarks



(VALUES IN PPM )	AG	AS	BA	CU	PB	SB	ZN	AU-PPB
BCD12143	1.8	1	70	11	28	2	60	197
BCD12145	2.1	19	46	12	23	2	61	74
BCD12148	1.1	30	43	14	25	4	55	38
BCD12151	1.4	20	114	14	27	2	61	18
BCD12153	2.3	13	141	7	22	5	53	24
BCD12159	2.3	5	46	8	40	3	38	22
BCD12164	.6	20	54	8	21	2	44	40
BCD12166	.8	1	42	10	21	2	41	10
BCD12167	1.7	28	216	9	19	6	25	21
BCD12170	.4	12	1380	12	22	3	43	16
BCD12172	.7	14	257	22	11	6	40	10
BCD12176	.9	3	63	12	19	1	58	5
BCD12179	1.5	25	99	15	28	2	50	2
BCD12181	1.4	23	194	14	30	4	51	3
BCD12185	.7	26	73	10	32	3	46	3
BCD12188	1.9	16	43	5	32	4	37	2
BCD12190	.2	2	151	9	32	7	72	4
BCD12192	1.3	27	96	6	29	1	51	8
BCD12194	1.4	92	27	6	24	4	60	20
BCD12200	1.2	15	143	10	28	5	33	4
BCD12202	1.4	74	192	8	24	5	38	22



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TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

*Certificate of ASSAY*

Company: MINNOVA  
Project: 235  
Attention: I. D. PIRIE

File: 8-910/P1  
Date: JULY 11/88  
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON
BCD 12152	.01	0.001	.6	0.02
BCD 12196	.10	0.003	1.8	0.05
BCD 12197	.05	0.001	2.2	0.06
BCD 12198	.20	0.006	4.6	0.13

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MIN-EN LABORATORIES LTD.

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-910/P3

ATTENTION: G. EVANS I. PIRIE

(604) 980-5814 OR (604) 988-4524

\* TYPE ROCK GEOCHEM \* DATE: JULY 12, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	SB	ZN	AU-PPB
BCD12142	1.8	3	66	18	17	4	52	5
BCD12144	1.2	12	71	21	14	2	49	10
BCD12156	1.0	2	66	7	21	1	49	5
BCD12158	.7	28	38	16	21	4	49	5
BCD12161	.8	12	32	4	24	2	38	20
BCD12162	.5	3	43	5	25	4	50	5
BCD12163	.2	30	68	8	22	4	53	10
BCD12165	.2	22	147	7	23	5	43	5
BCD12168	.7	28	88	11	18	3	48	5
BCD12175	.2	25	32	10	15	13	54	5
BCD12177	1.0	26	67	13	11	6	51	5
BCD12178	1.1	2	148	13	20	2	35	10
BCD12180	1.5	18	61	15	23	3	34	5
BCD12182	.9	24	67	12	18	5	56	5
BCD12183	1.3	8	76	17	28	2	48	5
BCD12184	1.0	33	53	19	32	6	54	5
BCD12186	.2	19	109	4	22	5	46	5
BCD12189	.6	25	290	10	22	6	43	5
BCD12191	.3	24	102	11	15	4	48	10
BCD12193	1.6	55	52	11	21	4	54	50
BCD12195	.2	10	48	10	13	5	54	40
BCD12199	1.2	4	155	9	21	4	40	10
BCD12201	.6	15	98	5	28	1	32	5
BCD21203	1.2	14	198	10	23	2	48	5
BCD12169	.2	4	43	11	19	3	68	10



COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT: F26) PAGE 1 OF 2

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-910L

ATTENTION: I. PIRIE G. EVANS

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \* DATE: JULY 16, 1988

VALUES IN % )	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	P2O5	SiO2	SR	TIO2
BCD12141	14.89	.120	1.55	2.46	4.08	.73	.12	2.90	.11	69.71	.07	.70
BCD12146	14.98	.092	2.12	2.46	3.34	.66	.14	3.27	.10	69.51	.04	.28
BCD12147	14.18	.082	2.91	2.23	2.91	.65	.13	3.34	.10	69.62	.04	.26
BCD12149	17.47	.167	1.94	4.90	4.06	1.59	.26	2.87	.27	61.48	.05	.66
BCD12150	17.41	.162	1.34	5.79	3.63	1.79	.39	3.40	.27	61.19	.17	.70
BCD12154	17.43	.205	1.99	6.25	4.29	2.48	.22	2.42	.37	58.82	.15	.82
BCD12155	17.89	.177	2.12	5.65	4.29	1.76	.27	3.42	.31	59.20	.13	.77
BCD12157	16.95	.166	2.00	5.86	4.23	2.26	.23	2.62	.29	59.90	.09	.78
BCD12160	15.48	.160	2.37	6.71	4.31	3.95	.39	1.62	.40	57.71	.06	.91
BCD12171	16.22	.092	3.23	6.46	3.02	3.86	.29	1.86	.43	57.13	.05	.81
BCD12173	15.01	.103	2.50	3.41	2.94	1.10	.21	2.94	.15	65.58	.04	.45
BCD12174	14.59	.119	2.59	3.34	3.33	.87	.13	2.72	.17	67.17	.05	.42
BCD12187	15.40	.186	4.38	6.08	4.35	3.30	.24	2.04	.32	54.63	.08	.85
BCD12204	16.60	.191	3.62	6.33	3.92	2.92	.30	1.62	.39	56.01	.06	.86
BCD12205	16.51	.215	1.85	4.83	3.88	1.61	.14	2.75	.22	62.92	.09	.61

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F26) PAGE 2 OF 2

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-9101

ATTENTION: I. PIRIE G. EVANS

(604)980-5914 OR (604)988-4524

\* TYPE RODK GEDCHEM \* DATE: JULY 16, 1989

(VALUES IN % )	ZR	S	TOT (%)
BCD12141	.006	.04	96.08
BCD12146	.005	.07	96.16
BCD12147	.005	.03	95.45
BCD12149	.019	.03	95.90
BCD12150	.016	.06	96.31
BCD12154	.022	.14	95.38
BCD12155	.020	.01	96.02
BCD12157	.018	.08	95.46
BCD12160	.015	.03	94.11
BCD12171	.012	.02	93.49
BCD12173	.007	.02	95.44
BCD12174	.008	.01	95.50
BCD12187	.016	1.25	93.13
BCD12204	.017	.78	93.64
BCD12205	.012	.07	95.93

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-910R

ATTENTION: I. PIRIE G. EVANS

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \*

DATE: JULY 15, 1988

(VALUES IN PPM)	AG	AS	BA	CU	PB	SB	ZN	AU-PFB
BCD12141	1.9	32	42	28	14	6	42	10
BCD12146	1.7	32	68	26	12	5	36	5
BCD12147	1.6	17	87	23	12	5	31	5
BCD12149	.9	1	116	17	18	1	53	5
BCD12150	1.3	11	263	9	27	2	59	5
BCD12154	1.8	12	60	8	22	1	82	5
BCD12155	1.7	13	71	11	20	1	52	5
BCD12157	1.6	25	46	15	26	1	68	5
BCD12160	.4	2	44	5	16	2	72	5
BCD12171	.3	6	344	32	16	1	65	5
BCD12173	1.3	13	233	31	8	2	45	10
BCD12174	1.6	25	157	17	11	5	52	5
BCD12187	1.4	8	58	12	17	1	56	5
BCD12204	.4	6	218	12	18	3	62	10
BCD12205	1.1	26	671	19	19	3	55	5



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**VANCOUVER OFFICE:**  
705 WEST 15TH STREET  
NORTH VANCOUVER, B.C. CANADA V7M 1T2  
TELEPHONE (604) 980-5814 OR (604) 988-4524  
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

*Certificate of GEOCHEM*

Company: MINNOVA  
Project: 235  
Attention: G. EVANS

File: 8-938/P2  
Date: JULY 19/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
BCD12207	23	33	64	.8	5
BCD12208	28	31	49	.6	10
BCD12209	37	32	67	.6	5
BCD12211	31	35	47	1.0	5
BCD12213	33	42	53	.9	5
BCD12215	38	32	43	.7	10
BCD12217	39	40	50	.8	5
BCD12219	42	35	62	.9	5
BCD12220	17	32	36	.9	5
BCD12222	21	39	54	1.0	5
BCD12223	22	32	66	1.0	5
BCD12225	25	33	84	1.0	5
BCD12226	29	47	69	1.4	10
BCD12228	21	42	74	.9	5
BCD12230	15	30	63	.8	5
BCD12231	19	38	59	1.0	5
BCD12233	21	37	79	1.0	10
BCD12234	22	35	83	1.2	5
BCD12236	20	40	78	1.2	10
BCD12237	18	35	79	.8	5
BCD12239	19	33	55	.6	5
BCD12243	22	31	71	.8	5
BCD12245	23	42	83	1.1	15
BCD12246	11	23	8	.6	10
BCD12248	13	25	24	.6	5
BCD12250	12	25	9	.5	5
BCD12252	7	20	8	.6	5
BCD12254	8	20	7	.4	5
BCD12255	10	27	30	.5	5
BCD12256	19	64	81	1.2	5

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P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: MINNOVA  
Project: 235  
Attention: G. EVANS

File: 8-938/P3  
Date: JULY 19/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
BCD12258	22	41	99	1.0	5
BCD12259	10	33	29	.4	5
BCD12261	11	24	22	.4	5
BCD12262	10	21	8	.6	5
BCD12263	12	31	39	.5	10
-----					
BCD12265	10	23	26	.4	5
BCD12266	12	32	88	.5	5
BCD12268	17	42	51	.8	5

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MIN-EN LABORATORIES LTD.

COMPANY: MINNOVA INC.

PROJECT NO: 235

ATTENTION: G. EVANS I. PIRIE

MIN-EN LABS ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604)980-5814 DR (604)988-4524

(ACT:F31) PAGE 1 OF 1

FILE NO: 8-938/P1

\* TYPE ROCK GEOCHEM \* DATE: JULY 19, 1988

(VALUES IN PPM )	AG	AS	BA	CU	PB	SB	ZN	AU-PPB
BCD12206	1.2	10	111	31	27	4	43	7
BCD12210	1.5	8	190	23	32	4	44	2
BCD12212	1.6	14	390	20	35	5	42	3
BCD12214	2.1	26	332	11	33	7	30	6
BCD12216	1.5	8	429	30	35	4	42	2
BCD12221	1.4	77	341	12	37	6	59	11
BCD12224	1.1	27	77	16	30	3	78	18
BCD12227	.6	1	291	7	34	3	57	4
BCD12229	.6	8	319	8	36	2	52	21
BCD12232	.4	18	245	7	37	4	46	23
BCD12235	.6	7	216	4	29	2	69	10
BCD12238	.8	15	349	9	32	3	40	38
BCD12242	1.3	17	327	24	33	5	34	17
BCD12244	.8	71	29	8	36	2	154	41
BCD12247	.9	15	196	4	22	5	50	5
BCD12249	1.1	25	128	4	33	8	11	7
BCD12251	1.0	30	83	4	26	7	9	3
BCD12253	.9	24	105	8	24	7	8	4
BCD12257	.7	8	310	4	24	6	52	2
BCD12260	.6	16	204	11	27	5	36	4
BCD12264	1.3	35	353	15	21	7	23	2
BCD12267	1.1	42	176	19	17	7	28	3

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(ACT:F26) PAGE 1 OF 1

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-9381/F4

ATTENTION: G.EVANS I.PIRIE

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \*

DATE: JULY 19, 1988

( % ) BCD12218 BCD12240 BCD12241 BCD12269

AL2O3	16.01	14.76	16.01	15.59
BA	.164	.139	.178	.099
CAO	2.72	3.09	2.09	1.82
FE2O3	5.99	4.51	6.26	4.36
K2O	5.10	3.31	4.28	3.17

MGO	2.53	1.48	1.99	1.34
MNO2	.16	.13	.12	.11
NA2O	.66	2.63	1.42	3.00
P2O5	.40	.21	.36	.29
SI02	58.65	58.24	60.59	65.30

SR	.05	.08	.15	.05
TIO2	.90	.57	.91	.62
ZR	.017	.011	.017	.010
S	1.56	.08	1.17	.02
TOT (%)	94.89	89.25	95.55	95.78

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(ACT:F31) PAGE 1 OF 1

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-908/14

ATTENTION: G. EVANS I. PIRIE

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \* DATE: JULY 15, 1986

( PPM ) BCD12218 BCD12240 BCD12241 BCD12269

AG 1.6 .9 2.2 1.2

AS 8 18 10 14

BA 106 50 406 76

CU 22 17 22 21

PB 26 20 40 19

SB 4 6 18 4

ZN 52 54 44 53

AU-PPB 20 10 5 5

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**TIMMINS OFFICE:**  
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TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

Analytical Report

Company: MINNOVA INC.  
Project: 235  
Attention: G. EVANS/I. PIRIE

File: 8-683  
Date: JUNE 22/88  
Type: ROCK GEOCHEM

Date Samples Received : JUNE 10/88  
Samples Submitted by : G. EVANS/I. PIRIE

Report on ..... 47 ROCKS ASSAY PREP. .... Geochem Samples  
..... Assay Samples

Copies sent to:  
1. MINNOVA INC., VANCOUVER, B.C.  
2. MINNOVA INC., PENTICTON, B.C.  
3.

Samples: Sieved to mesh ..... Ground to mesh ..... -150....  
Prepared samples stored: ..... X ..... discarded: .....  
rejects stored: ..... X ..... discarded: .....

Methods of analysis:  
MINNOVA STANDARD PACKAGE.  
AU - FIRE GEOCHEM.  
TL - AQUA REGIA.A.  
TE - FLAMELESS A.A.  
BI - MULTI ACID.A.A.  
AU ASSAY - FIRE ASSAY.

Remarks

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TELEPHONE: (705) 264-9996

Certificate of Assay

Company: MINNOVA INC.  
Project: 235 PENTICTON  
Attention: I. PIRIE G. EVANS

File: 8-795/P1  
Date: JUL 2 2/88  
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON
BCD 12056	1.02	0.030	109.4	3.19
BCD 12074	.04	0.001	2.3	0.07

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TELEPHONE: (705) 264-9996

*Certificate of Geochem*

Company: MINNOVA INC.  
Project: 235  
Attention: I PIRIE/G EVANS

File: 8-1000/P2  
Date: JULY 23/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
BCD 12334	31	35	76	1.1	10

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MIN-EN LABORATORIES LTD.

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT: F31) PAGE 1 OF 1

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: B-1000/F3

ATTENTION: I. PIRIE/G. EVANS

(604) 980-5814 OR (604) 988-4524

\* TYPE ROCK GEOCHEM \*

DATE: JULY 23, 1988

(VALUES IN PPM )	AG	AS	BA	CU	PB	SB	ZN	AU-PFB
BCD12271	1.3	1	152	18	13	6	68	4
BCD12274	1.0	13	132	14	12	3	37	22
BCD12278	.7	4	206	15	27	2	54	19
BCD12281	1.9	14	129	16	28	3	51	14
BCD12283	1.7	23	121	19	20	3	51	1
BCD12285	1.7	37	93	13	17	3	62	32
BCD12287	.9	16	240	11	20	1	76	28
BCD12289	1.4	1	416	21	26	3	41	18
BCD12291	1.5	3	53	19	23	4	46	24
BCD12293	.6	15	48	18	18	1	55	21
BCD12296	.9	12	147	29	18	1	61	3
BCD12298	1.3	11	82	15	15	1	69	16
BCD12301	1.5	14	37	20	21	3	59	4
BCD12304	2.2	37	31	38	16	9	42	8
BCD12305	3.0	45	21	76	29	10	19	15
BCD12310	1.4	20	201	19	30	8	83	23
BCD12312	.6	19	90	26	15	2	52	6
BCD12314	3.2	5	60	47	40	3	73	269
BCD12318	1.4	31	38	22	21	4	78	34
BCD12320	.5	17	33	15	10	1	144	19
BCD12322	.8	25	274	12	28	2	48	26
BCD12325	1.8	40	254	36	37	13	25	34
BCD12327	1.9	66	264	31	46	11	13	23
BCD12329	1.5	39	158	27	44	7	8	43
BCD12331	1.3	28	348	20	14	10	19	16
BCD12333	.6	12	209	15	35	1	224	19



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 P.O. BOX 867  
 TIMMINS, ONTARIO CANADA P4N 7G7  
 TELEPHONE: (705) 264-9996

***Certificate of ASSAY***

Company: MINNOVA INC.  
 Project: 235  
 Attention: I. PIRIE/G. EVANS

File: 8-1000/P1  
 Date: JULY 24/88  
 Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AU G/TONNE	AU OZ/TON	AG G/TONNE	AG OZ/TON
BCD 12309	3.25	0.095	2.2	0.06

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 MIN-EN LABORATORIES LTD.

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1000/P4

ATTENTION: I.PIRIE/G.EVANS

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \*

DATE: JULY 28, 1988

( PPM )	BCD12270	BCD12276	BCD12284	BCD12294	BCD12295	BCD12297	BCD12302	BCD12315	BCD12335	BCD12336	BCD12337
AG	.8	1.3	.5	.9	.9	1.7	.3	1.0	.6	1.3	1.6
AS	5	23	12	5	22	6	17	18	4	23	31
BA	348	221	108	385	69	41	47	36	55	78	90
CU	33	10	4	22	13	27	20	10	16	38	23
PB	28	24	18	15	21	16	25	17	21	16	16
SB	2	2	5	3	3	3	1	4	3	6	8
ZN	50	60	59	50	57	53	60	59	50	49	39
AU-PPB	5	5	5	5	10	5	5	5	5	5	5

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F26) PAGE 1 OF 1

PROJECT NO: 235

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1000L/P4

ATTENTION: I. PIRIE/G. EVANS

(604)980-5814 OR (604)988-4524

\* TYPE ROCK GEOCHEM \*

DATE: JULY 28, 1988

( % )	BCD12270	BCD12276	BCD12284	BCD12294	BCD12295	BCD12297	BCD12302	BCD12315	BCD12335	BCD12336	BCD12337
AL2O3	16.42	15.44	14.95	15.82	17.48	15.85	13.98	15.27	15.35	15.86	15.54
BA	.148	.191	.183	.157	.145	.122	.164	.122	.133	.079	.132
CAO	2.26	3.40	4.10	2.41	3.62	2.68	1.00	.73	3.21	2.89	2.23
FE2O3	3.78	5.98	6.97	4.66	4.34	4.56	5.68	5.15	5.06	2.63	2.84
K2O	4.54	5.54	5.74	3.90	3.84	3.26	6.84	5.09	3.75	2.81	3.75
MGO	2.32	2.66	3.63	1.63	1.71	1.80	2.90	2.89	1.92	1.07	.47
MNO2	.25	.29	.48	.32	.38	.19	.42	.31	.31	.22	.22
NA2O	.97	.53	.52	3.01	3.13	3.70	.24	.69	1.89	3.42	2.90
P2O5	.38	.46	.40	.25	.26	.20	.39	.31	.28	.20	.20
SI02	62.22	54.42	52.45	64.27	59.31	60.95	61.38	63.75	61.59	64.54	66.67
SR	.05	.12	.09	.06	.10	.08	.05	.04	.06	.05	.04
TIO2	.83	.88	.87	.64	.61	.58	.77	.72	.70	.44	.45
ZR	.017	.018	.016	.009	.016	.007	.015	.018	.011	.007	.005
S	.04	3.50	2.56	.03	.02	.41	.52	.46	.01	.01	.50
TOT (%)	94.22	93.42	92.95	97.16	94.95	94.38	94.33	95.54	94.28	94.24	95.94





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TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

Certificate of GEOCHEM

Company: MINNOVA INC.  
Project: 235  
Attention: I PIRIE/G EVANS

File: 8-1000/P1  
Date: JULY 23/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
BCD 12272	28	36	58	0.9	5
BCD 12273	26	25	44	0.5	5
BCD 12275	25	32	51	1.0	5
BCD 12277	23	40	27	1.2	15
BCD 12279	24	27	43	1.6	10
-----					
BCD 12280	24	22	47	1.2	5
BCD 12282	22	31	68	1.6	5
BCD 12286	23	35	42	0.9	5
BCD 12288	25	34	40	0.6	5
BCD 12290	36	30	70	0.6	5
-----					
BCD 12292	23	36	75	0.8	200
BCD 12299	26	32	82	0.6	5
BCD 12300	23	31	75	0.8	5
BCD 12303	29	24	148	0.6	5
BCD 12306	18	25	68	0.6	5
-----					
BCD 12307	22	29	255	1.0	5
BCD 12308	21	26	68	1.4	5
BCD 12309	23	56	34	1.8	1950
BCD 12311	25	32	45	0.6	65
BCD 12313	26	30	80	0.8	230
-----					
BCD 12316	15	12	36	0.6	5
BCD 12317	28	19	74	0.6	110
BCD 12319	24	23	150	0.7	5
BCD 12321	27	24	94	0.6	5
BCD 12323	21	60	42	0.6	10
-----					
BCD 12324	19	43	75	0.6	5
BCD 12326	32	44	20	0.4	5
BCD 12328	11	10	6	0.2	5
BCD 12330	20	37	15	0.4	5
BCD 12332	21	34	194	0.8	5

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*[Signature]*

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**TIMMINS OFFICE:**  
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P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

*Certificate of GEOCHEM*

Company: MINNOVA INC.  
Project: 235  
Attention: I. PIRIE/B. EVANS

File: 8-1060/P1  
Date: JULY 30/88  
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PFB
BCD12338	41	34	739	6.7	20
BCD12339	16	25	1580	0.6	15
BCD12340	20	22	293	0.9	40
BCD12341	20	20	751	0.6	10
BCD12342	18	15	163	1.4	90
-----					
BCD12343	23	32	328	42.0	3280
BCD12344	15	30	1690	2.2	15
BCD12345	23	27	3420	0.6	5
BCD12346	27	30	279	0.5	10
BCD12347	25	18	87	0.6	185
-----					
BCD12348	22	18	53	0.6	5
BCD12349	17	10	79	0.4	5
BCD12350	15	20	78	0.6	45
BCD12351	18	16	67	1.4	185
BCD12352	17	20	62	1.6	10
-----					
BCD12353	17	19	48	0.4	20

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**TIMMINS OFFICE:**  
33 EAST IROQUOIS ROAD  
P.O. BOX 867  
TIMMINS, ONTARIO CANADA P4N 7G7  
TELEPHONE: (705) 264-9996

*Certificate of ASSAY*

Company: MINNOVA INC.  
Project: 235  
Attention: I. PIRIE/G. EVANS

File: 8-1060/P1  
Date: JULY 30/88  
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON
BCD12343	52.5	1.53	3.62	0.106

Certified by

MIN-EN LABORATORIES LTD.

CERTIFICATE OF ASSAY

COMPANY: MINNOVA INC.  
 PROJECT: 335  
 ATTENTION: GRAEME EVANS

FILE: 8-1763  
 DATE: OCT. 14/88  
 TYPE: METALLIC GOLD ASSAY

I hereby certify that the following are assay results for samples submitted.

SAMPLE NAME	* TOTAL WT (G)	+120 M WT (G)	* ASSAY VAL MET	ASSAY VAL G/T	* +120 M AU (MG)	-120 M AU (MG)	* METALLIC GOLD (OZ/T)	GOLD (GM/T)	* NET GOLD (OZ/T)	GOLD (GM/T)
BCD 12056	* 1313.70	8.70	* 2.45	1.02	* 0.021	1.331	* 0.000	0.02	* 0.030	1.03
BCD 12103	* 1825.45	10.45	* 67.66	0.56	* 0.707	1.016	* 0.011	0.39	* 0.028	0.94
BCD 12106	* 2611.20	11.20	* 16.29	0.05	* 0.182	0.130	* 0.002	0.07	* 0.003	0.12
BCD 12123	* 2922.81	2.81	* 0.34	0.21	* 0.001	0.613	* 0.000	0.00	* 0.006	0.21
BCD 12143	* 2518.70	28.70	* 0.77	0.21	* 0.022	0.523	* 0.000	0.01	* 0.006	0.22
BCD 12196	* 2429.90	9.90	* 0.21	0.08	* 0.002	0.194	* 0.000	0.00	* 0.002	0.08
BCD 12254	* 313.04	2.04	* 0.08	0.01	* 0.000	0.003	* 0.000	0.00	* 0.000	0.01
BCD 12292	* 2624.82	9.82	0	0.02	0.03	0.000	0.078	0.00	0.001	0.03
BCD 12308	* 2897.75	17.75	* 0.02	0.01	* 0.000	0.029	* 0.000	0.00	* 0.000	0.01
BCD 12313	* 3649.70	29.70	* 0.42	0.03	* 0.012	0.109	* 0.000	0.00	* 0.001	0.03

Certified by 

MIN-EN LABORATORIES LTD.