

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

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

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Canamera
92B/13W
1987

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

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: MINNOVA INC.
Project: 305-326
Attention: G. WELLS/M. GRAY

File: 7-771/P1
Date: JULY 15/87.
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	ZN PPM	AG PPM	AU-WET PPB
6363	30	105	0.8	5
6364	24	135	0.7	5
6365	53	150	1.0	10
6366	24	90	0.8	5
6367	35	87	0.6	5

CM-5

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Specialists in Mineral Environments

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

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

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: MINNOVA INC.
Project: ~~303~~ 326
Attention: G. WELLS/M. GRAY

File: 7-787/P1
Date: JULY 15/87.
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	ZN PPM	AG PPM	AU-WET PPB
6368	52	76	0.5	10
6369	38	75	0.4	5
6370	48	275	0.6	5
6371	38	110	0.4	10
6372	26	84	0.3	5
6373	34	95	0.4	5

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COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

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PROJECT NO: 326

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

FILE NO: 7-690R

ATTENTION: M.GRAY/G.WELLS

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

* TYPE ROCK BEDCHEM *

DATE: JULY 7, 1987

(VALUES IN PPM)	AG	AS	B	CU	PB	SB	ZN	AU-PPB
6398	.8	5	9	13	10	1	30	15
6399	1.0	10	17	68	4	1	72	10
6400	.8	9	17	6	6	1	37	5
3951	.7	4	7	8	4	1	14	5
3952	.7	2	11	26	9	1	32	10
3953	.9	7	13	15	9	2	47	5
3954	1.0	8	9	34	10	1	46	5

CM-1

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:L126) PAGE 1 OF 1

PROJECT NO: 326

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

FILE NO: 7-690

ATTENTION: M.GRAY/G.WELLS

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

* TYPE ROCK GEOCHEM *

DATE: JULY 7, 1987

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MND2	NA2O	SI02	SR	TIO2	ZR	TOT(%)
6398	14.48	.121	1.36	2.84	3.30	1.85	.08	.36	71.59	.01	.30	.009	96.30
6399	17.97	.046	1.02	7.69	1.69	4.55	.22	3.49	58.30	.01	.66	.005	95.65
6400	12.54	.088	1.10	5.83	2.80	2.43	.09	.19	70.56	.01	.29	.006	95.95
3951	12.77	.117	2.52	2.04	1.92	1.56	.08	2.25	71.54	.01	.14	.005	94.96
3952	14.73	.117	.49	3.84	2.20	2.85	.13	2.63	69.64	.01	.32	.005	96.98
3953	14.79	.085	.76	3.89	1.62	2.10	.13	4.38	68.06	.01	.32	.005	96.15
3954	14.44	.066	1.02	3.47	1.36	2.27	.15	4.23	67.92	.01	.29	.005	95.26

CM-1

COMPANY: MINNDVA INC.

PROJECT NO: 326

ATTENTION: G.WELLS/M.GRAY

MIN-EN LABS ICP REPORT

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

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

(ACT:GEO27) PAGE 1 OF 1

FILE NO: 7-610

* TYPE ROCK GEOCHEM * DATE: JUNE 24, 1987

(VALUES IN PPM)	AG	AS	B	CU	PB	SB	ZN	AU-PPB
BCD 6356	.2	35	7	38	15	1	118	5
BCD 6357	.7	601	10	40	6	4	93	15
BCD 6358	1.1	20	16	272	4	21	127	10
BCD 6359	1.4	18	19	1974	18	7	155	10
BCD 6360	1.4	17	17	1054	11	15	63	20
BCD 6361	1.0	9	15	1492	11	12	55	5
BCD 6362	.7	1	7	163	15	16	26	10

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* should have been geochem

COMPANY: MINNOVA INC.
 PROJECT NO: 326
 ATTENTION: G. WELLS/M. GRAY

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

(ACT:LI26) PAGE 1 OF 1
 FILE NO: 7-610
 DATE: JUNE 24, 1987

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	SI02	SR	TIO2	ZR	TOT(%)
BCD 6356	13.18	.106	.87	2.42	3.31	.80	.04	2.41	74.74	.01	.17	.005	98.05
BCD 6357	10.78	.070	4.43	3.25	2.64	.70	.09	1.53	73.30	.01	.23	.005	97.05
BCD 6358	12.63	.077	5.50	17.86	.83	5.07	.54	2.09	50.27	.02	.42	.005	95.28
BCD 6359	14.86	.052	1.52	12.10	.49	6.24	.46	3.38	56.56	.02	.47	.005	96.14
BCD 6360	13.02	.187	1.16	15.26	1.95	4.77	.20	1.14	57.99	.01	.44	.005	96.12
BCD 6361	12.74	.087	1.41	13.68	.99	4.53	.25	2.65	59.49	.01	.45	.005	96.28
BCD 6362	4.27	.070	1.83	12.90	.42	1.67	.12	.08	75.29	.01	.17	.005	96.82

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(VALUES IN PPM)	AG	AS	B	CU	PB	SB	ZN	AU-PPB
6376	.3	1	23	80	20	4	111	5
6377	.5	34	23	104	25	1	213	10
6378	.9	29	23	427	16	5	191	5
6379	.1	2	12	9	6	1	34	5
6380	.7	33	17	42	7	2	67	5
6381	.1	4	8	25	3	1	23	5
6382	.2	2	4	12	4	1	6	5
6383	.8	23	19	101	24	1	75	5
6384	1.0	32	40	8	4	3	57	5
6385	1.5	25	15	180	4	2	37	10
6386	.6	11	14	5	18	3	40	5
6387	.6	11	8	8	5	1	15	5
6388	.9	21	19	56	10	1	50	5
6389	.5	9	8	13	9	1	17	5
6390	.6	12	9	8	8	2	20	5
6391	.2	1	9	12	5	1	32	5
6392	.8	3	8	19	6	1	47	5
6393	1.0	17	18	26	10	2	52	5
6394	1.4	9	18	32	13	2	50	10
6395	1.3	17	20	62	17	4	63	5
6396	1.0	3	10	29	28	1	127	15
6397	1.4	17	18	68	12	2	46	5

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COMPANY: MINNOVA INC
 PROJECT NO: 326
 ATTENTION: M. GRAY/G. WELLS

MIN-EN LABS ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. 7M 1T2
 (604) 980-5814 OR (604) 988-4524

(ACT: L126) PAGE 1 OF 1
 FILE NO: 7-572
 DATE: JUNE 18, 1987

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MND2	NA2O	SI02	SR	TIO2	ZR	TOT (%)
6376	16.76	.060	4.03	9.82	.73	7.08	.52	2.56	55.84	.02	.64	.005	98.07
6377	19.12	.092	1.09	8.71	1.02	6.69	.46	4.96	55.13	.02	.63	.005	97.92
6378	16.96	.070	2.98	10.16	.74	7.88	.60	2.66	55.18	.02	.62	.005	97.86
6379	14.67	.221	1.00	3.65	2.94	1.99	.13	2.25	70.94	.02	.32	.005	98.13
6380	16.38	.126	3.43	8.38	1.20	5.94	.29	3.08	58.09	.02	.97	.006	97.93
6381	14.44	.115	.36	2.27	2.58	1.71	.09	3.13	73.21	.01	.17	.005	98.08
6382	12.82	.366	.74	2.27	3.00	.88	.03	1.74	76.06	.01	.19	.005	98.11
6383	16.78	.160	1.92	9.60	1.35	6.62	.36	2.82	57.65	.02	.63	.005	97.91
6384	16.57	.097	1.69	10.51	1.07	6.12	.32	3.36	57.67	.02	.62	.005	98.05
6385	15.62	.005	10.99	12.70	.01	6.05	.30	1.20	48.83	.04	1.86	.009	97.61
6386	16.27	.088	2.40	7.09	1.14	4.21	.25	4.06	61.94	.02	.51	.005	97.96
6387	14.78	.071	.75	3.52	.97	1.65	.08	5.67	70.36	.02	.32	.005	98.19
6388	16.74	.029	1.47	10.11	.45	6.66	.29	4.23	57.27	.02	.65	.005	97.93
6389	14.24	.022	1.13	3.25	.38	2.51	.08	5.89	70.29	.01	.34	.005	98.16
6390	13.22	.138	.85	5.01	1.44	2.36	.09	3.50	71.06	.02	.30	.005	97.99
6391	15.75	.088	2.62	3.78	4.04	1.56	.12	3.28	66.26	.03	.39	.006	97.93
6392	14.77	.108	1.68	2.77	4.78	.98	.07	2.52	69.87	.02	.26	.005	97.84
6393	19.99	.031	8.87	9.02	.55	4.39	.25	4.01	49.55	.05	.98	.007	97.70
6394	17.70	.010	6.81	8.47	.26	4.19	.26	5.52	53.59	.04	.88	.007	97.73
6395	17.83	.011	4.49	7.82	.98	3.59	.23	4.71	57.07	.03	.83	.007	97.60
6396	15.94	.154	2.56	2.00	3.96	.98	.06	1.29	67.63	.02	.30	.005	94.90
6397	14.82	.065	7.48	7.78	1.13	4.92	.25	3.21	44.85	.04	.74	.005	85.29

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TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: MINNOVA INC.
Project: 326
Attention: M. GRAY/G. WELLS

File: 7-574/P1
Date: JUNE 16/87
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

Sample Number	CU PPM	ZN PPM	AG PPM	AU-WET PPB
6351	34	32	1.2	10
6352	54	17	1.0	30
6353	22	37	0.9	5
6354	32	16	1.2	5
6355	12	36	1.0	5

CM-1

Certified by



MIN-EN LABORATORIES LTD.

COMPANY: MINNOVA INC.
 PROJECT NO: 326
 ATTENTION: H. GRAY/H. GIBSON

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

(ACT:L126) PAGE 1 OF 1
 FILE NO: 7-340/P1
 DATE: APRIL 29, 1987

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	SI02	SR	TIO2	ZR	TOT(X)
6251	16.59	.067	1.81	3.99	1.72	2.27	.18	4.76	66.48	.02	.34	.005	98.21
6252	15.46	.024	9.82	11.29	.27	7.43	.28	3.23	48.72	.03	1.26	.005	97.81
6253	17.78	.111	.47	4.42	3.57	1.09	.04	3.37	66.84	.02	.39	.007	98.09
6254	16.58	.114	.71	2.57	3.21	.74	.02	3.74	70.12	.02	.36	.005	98.18
6255	16.26	.027	4.92	14.43	1.62	4.30	.22	2.03	49.76	.02	2.58	.009	96.17
6256	14.63	.050	4.74	9.96	2.26	3.19	.23	.92	60.18	.02	1.60	.005	97.78
6257	15.86	.077	.21	3.88	3.50	.85	.04	2.59	70.61	.02	.40	.005	98.02
6258	18.01	.075	1.14	3.30	3.49	2.40	.08	3.21	66.00	.02	.38	.009	98.10
6259	15.19	.075	.53	3.26	3.96	2.04	.04	3.15	69.44	.02	.35	.005	98.07
6260	14.80	.079	1.27	2.80	4.80	1.00	.06	3.20	69.85	.02	.34	.005	98.22
6261	15.35	.076	2.79	3.68	3.65	1.27	.13	3.92	66.87	.03	.38	.005	98.14
6262	20.38	.038	7.74	9.96	.52	5.50	.33	4.08	48.05	.04	1.03	.005	97.67
6263	14.19	.180	1.13	3.60	1.96	2.40	.08	3.01	71.26	.01	.34	.005	98.16
6264	15.04	.108	1.70	3.32	6.25	1.16	.05	1.75	68.02	.02	.35	.005	97.78
6265	14.60	.165	1.01	3.19	6.81	1.36	.05	1.30	69.32	.02	.32	.005	98.15
6266	18.92	.092	5.11	6.82	4.79	4.16	.16	1.48	54.98	.02	.66	.005	97.20
6267	15.36	.057	3.50	3.12	4.20	1.66	.09	1.63	67.85	.02	.32	.005	97.80
6268	17.56	.018	4.16	10.03	.56	5.85	.39	3.30	55.26	.02	.67	.005	97.83
6269	15.69	.039	1.71	4.26	.69	1.77	.11	5.65	67.74	.02	.35	.005	98.03
6270	16.03	.011	7.11	9.81	.15	4.15	.30	2.59	57.09	.04	.57	.005	97.85
6271	15.22	.007	10.07	11.45	.27	6.83	.25	3.12	49.08	.03	1.49	.005	97.82
6272	17.11	.031	1.26	7.84	1.01	5.63	.22	3.67	60.80	.01	.53	.005	98.11
6273	14.95	.091	.90	3.40	2.82	3.14	.13	1.12	71.27	.01	.29	.005	98.14
6274	14.80	.070	.32	3.87	2.31	3.45	.11	1.76	70.94	.01	.27	.005	97.91

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 MAY 1 1987
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(VALUES IN PPM)	AG	AS	B	CU	PB	SB	ZN	AU-PPB
6251	.7	1	10	34	87	1	34	5
6252	1.3	1	21	99	21	1	42	10
6253	.4	4	7	4	11	2	21	3
6254	.3	3	7	7	7	1	11	3
6255	1.1	1	29	75	27	10	82	5
6256	1.0	1	25	86	30	7	78	10
6257	.4	4	6	16	5	2	33	3
6258	.8	1	8	20	7	1	49	3
6259	.4	1	6	6	5	1	29	5
6260	.5	1	3	18	4	1	21	5
6261	.8	1	3	11	6	1	36	3
6262	1.0	1	16	50	19	1	68	3
6263	.6	1	9	4	10	1	16	5
6264	.4	1	4	3	9	2	17	5
6265	.4	1	1	7	4	2	30	3
6266	1.0	1	13	103	20	4	215	5
6267	.6	1	6	10	13	1	31	3
6268	1.1	1	19	36	23	1	124	5
6269	.7	1	6	5	6	2	17	5
6270	1.0	1	20	13	22	2	59	3
6271	1.3	1	13	255	12	1	42	10
6272	.8	1	15	7	16	1	44	3
6273	.4	1	10	8	9	1	44	3
6274	.7	1	8	6	7	1	35	5

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