

Stump Lake

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

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

827105

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

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: MINNOVA INC.
Project: 237
Attention: I. PIRIE

File: 8-133/P1
Date: FEB 7/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	WDS %
BCD 9010	.033	.62	.68	15.8	0.46	.61	0.018	.002

Certified by



MIN-EN LABORATORIES LTD.

COMPANY: MINNOVA INC.

MIN-EN LABS ICS REPORT

(ACT: F31) PAGE 1 OF 1

PROJECT NO: 237

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T9

FILE NO: 8-1357-1
Stam Lake

ATTENTION:

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

TYPE ROCK GEOCHEM * DATE: FEB 10, 1988

(VALUES IN PPM)	AG	AS	B	CU	PR	SB	ZN	AU-PPB
BCD 9001	1.6	6	14	120	50	1	63	10
BCD 9002	.9	1	14	40	28	3	69	5
BCD 9003	1.9	8	13	378	26	2	48	155
BCD 9004	.9	9	13	12	22	1	56	5
BCD 9005	1.0	10	12	7	24	1	57	20
BCD 9006	1.1	10	12	15	26	1	64	5
BCD 9007	1.4	11	24	71	22	3	65	15
BCD 9008	1.0	1	16	39	26	4	60	5
BCD 9009	6.1	40	9	133	134	5	71	395
BCD 9012	1.1	13	25	106	28	3	69	10
BCD 9013	3.7	12	17	110	105	3	62	160

PROJECT NO: 237

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

FILE NO: 8-133

ATTENTION:

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

* TYPE ROCK GEOCHEM *

DATE: FEB 10, 1988

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	SIO2	SR	TIO2	ZR	TOT(%)
BCD 9001	16.09	.091	10.10	7.28	4.80	4.95	.24	.99	44.94	.04	.74	.005	90.26
BCD 9002	13.05	.062	8.39	8.82	1.67	8.40	.24	3.73	47.82	.07	.80	.005	93.06
BCD 9003	14.50	.079	9.55	7.17	4.59	4.44	.23	.06	48.83	.04	.64	.005	90.13
BCD 9004	9.29	.053	15.53	8.76	3.14	7.07	.31	.04	41.45	.04	.48	.005	86.15
BCD 9005	9.19	.049	15.95	8.99	3.06	7.23	.30	.05	41.33	.04	.45	.005	86.64
BCD 9006	7.82	.044	18.79	10.04	2.54	8.51	.34	.05	35.54	.04	.39	.005	84.11
BCD 9007	15.95	.091	9.02	9.05	.95	4.44	.27	3.25	45.67	.07	.83	.005	89.59
BCD 9008	13.15	.053	8.26	8.51	1.57	7.50	.24	3.37	46.26	.08	.80	.005	89.81
BCD 9009	8.89	.018	11.51	8.28	1.74	14.60	.65	.01	43.01	.05	.51	.005	89.28
BCD 9012	15.59	.051	8.66	8.39	4.80	4.52	.46	.06	46.92	.04	.76	.005	90.25
BCD 9013	15.69	.105	7.97	9.17	2.03	6.08	.24	2.35	45.81	.07	.77	.005	90.32

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

ACT:F31) PAGE 1 OF 1

PROJECT NO: 237

705 WEST 15TH ST., NORTH VANCOUVER,

B.C. V7M 1T2

FILE NO: 8-133R

ATTENTION:

(604)980-5814 OR

(604)988-4524

* TYPE ROCK GEOCHEM *

DATE:FEB 10, 1988

(VALUES IN PPM)		AG	AS	B	CU	PB	SB
ZN	AU-PPB						
	BCD 9001	1.6	6	14	120	50	1
63	10						
	BCD 9002	.9	1	14	40	28	3
69	5						
	BCD 9003	1.9	8	13	378	26	2
48	155						
	BCD 9004	.9	9	13	12	22	1
56	5						
	BCD 9005	1.0	10	12	7	24	1
57	20						
	BCD 9006	1.1	10	12	15	26	1
64	5						
	BCD 9007	1.4	11	24	71	22	3
65	15						
	BCD 9008	1.0	1	16	39	26	4
60	5						
	BCD 9009	6.1	40	9	133	134	5
71	395						
	BCD 9012	1.1	13	25	106	28	3
69	10						
	BCD 9013	3.7	12	17	110	105	3
62	160						

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

ACT:F26) PAGE 1 OF 2

PROJECT NO: 237

705 WEST 15TH ST., NORTH VANCOUVER,

B.C. V7M 1T2

FILE NO: 8-133L

ATTENTION:

(604)980-5814 OR

(604)988-4524

* TYPE ROCK GEOCHEM *

DATE:FEB 10, 1988

(VALUES IN %)			AL2O3	BA	CAO	FE2O3	K2O	M6O
MNO2	NA2O	SI02	SR	TIO2	ZR			
	BCD 9001		16.09	.091	10.10	7.28	4.80	4.95
.24	.99	44.94	.04	.74	.004			
	BCD 9002		13.05	.062	8.39	8.82	1.67	8.40
.24	3.73	47.82	.07	.80	.005			
	BCD 9003		14.50	.079	9.55	7.17	4.59	4.44
.23	.06	48.83	.04	.64	.001			
	BCD 9004		9.29	.053	15.53	8.76	3.14	7.07
.31	.04	41.45	.04	.48	.005			
	BCD 9005		9.19	.049	15.95	8.99	3.06	7.23
.30	.05	41.33	.04	.45	.005			
	BCD 9006		7.82	.044	18.79	10.04	2.54	8.51
.34	.05	35.54	.04	.39	.005			
	BCD 9007		15.95	.091	9.02	9.05	.95	4.44
.27	3.25	45.67	.07	.83	.003			
	BCD 9008		13.15	.053	8.26	8.51	1.57	7.50
.24	3.37	46.26	.08	.80	.005			
	BCD 9009		8.89	.018	11.51	8.28	1.74	14.60

.65	.01	43.01	.05	.51	.005			
BCD 9012			15.59	.051	8.66	8.39	4.80	4.52
.46	.06	46.92	.04	.76	.001			
BCD 9013			15.69	.105	7.97	9.17	2.03	6.08
.24	2.35	45.81	.07	.77	.002			

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

ACT:F26) PAGE 2 OF 2

PROJECT NO: 237

705 WEST 15TH ST., NORTH VANCOUVER,

B.C. V7M 1T2

FILE NO: 8-133L

ATTENTION:

(604)980-5814 OR

(604)988-4524

* TYPE ROCK GEOCHEM *

DATE:FEB 10, 1988

(VALUES IN %) TOT(%)

BCD 9001	90.26
BCD 9002	93.06
BCD 9003	90.13
BCD 9004	86.15
BCD 9005	86.64
BCD 9006	84.11
BCD 9007	89.59
BCD 9008	89.81
BCD 9009	89.28
BCD 9012	90.25
BCD 9013	90.32

**** Certificate of ASSAY ****

Company:MINNOVA INC.

File:8-133/P1

Project:237

Date:FEB 7/88

Attention:I.PIRIE

Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	WD3 %
BCD 9010	.033	.62	.68	15.8	0.46	.61	0.018	.002

MIN-EN LABORATORIES LTD.

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

Analytical Report

Company: MINNOVA INC.
Project: 237
Attention:

File: 8-150
Date: FEB 18/88
Type: ROCK GEOCHEM

Date Samples Received : FEB 9/88
Samples Submitted by :

Report on7 ROCKS ASSAY PREP..... Geochem Samples
.....
.....5..... Assay Samples
.....

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

Samples: Sieved to mesh Ground to mesh-150....

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

Methods of analysis:

CU PB ZN AG - ACID DIGESTION-CHEMICAL ANALYSIS.
AU - FIRE ASSAY.
WO3 - FUSION SPECTROPHOTOMETRIC.
MINNOVA STANDARD PACKAGE.

Remarks

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

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

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

TELEX: VIA USA 7601067 UC

Certificate of ASSAY

Company: MINNOVA INC.

Project: 237

Attention:

File: 8-150/P1


Date: FEB 12/88

Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	W03 %
BCD 9028	.012	.01	.04	0.2	0.01	.23	0.007	.001
BCD 9029	.020	.06	.13	4.5	0.13	.36	0.011	.001
BCD 9030	.048	.18	.14	35.0	1.02	.42	0.012	.001
BCD 9031	.054	.12	.25	27.6	0.81	.41	0.012	.001
BCD 9032	.022	.02	.02	5.6	0.16	.16	0.005	.001

Certified by _____



MIN-EN LABORATORIES LTD.

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 237

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

FILE NO: 8-150

ATTENTION:

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

* TYPE ROCK BEDCHEN * DATE: FEB 17, 1988

(PPM)	BCD 9033	BCD 9034	BCD 9035	BCD 9036	BCD 9037	BCD 9038	BCD 9039
AB	1.9	1.3	4.3	1.3	1.0	1.3	1.8
AS	5	5	6	3	4	4	16
B	4	6	4	1	5	1	12
CU	94	84	100	92	85	209	43
PB	104	27	57	25	26	25	29

SB	1	1	2	1	2	3	1
ZN	97	75	91	84	92	96	85
AU-PPB	10	5	15	10	5	10	5

(%)	BCD 9033	BCD 9034	BCD 9035	BCD 9036	BCD 9037	BCD 9038	BCD 9039
AL2O3	14.50	17.18	15.63	16.53	16.96	17.17	14.73
BA	.078	.075	.061	.152	.172	.331	.066
CAO	9.69	6.83	8.52	8.21	7.74	7.98	7.76
FE2O3	8.09	8.28	8.66	8.58	8.72	9.06	8.68
K2O	2.83	3.30	4.02	3.10	3.52	4.16	2.07

MGO	4.45	4.18	4.55	4.26	4.28	4.29	5.58
MNO2	.23	.21	.27	.25	.25	.25	.23
NA2O	2.45	2.99	1.40	3.09	2.47	1.59	4.20
SiO2	48.15	48.67	47.78	46.58	46.01	47.46	46.73
SR	.03	.03	.03	.04	.04	.04	.08

TiO2	.74	.76	.74	.70	.82	.88	.89
ZR	.005	.005	.005	.005	.005	.005	.009
TOT(%)	91.23	92.52	91.67	91.49	90.99	93.22	91.03

PROJECT NO: 237

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

FILE NO: 8-144/P1

ATTENTION:

{604}980-5814 OR {604}988-4524

* TYPE ROCK GEOCHEM * DATE: FEB 11, 1988

(PPM)	BCD 9011	BCD 9015	BCD 9016	BCD 9017	BCD 9018	BCD 9019	BCD 9020	BCD 9021	BCD 9027
AG	1.0	6.7	.9	.9	4.8	1.5	9.5	2.1	1.7
AS	12	29	10	7	30	5	15	6	5
B	21	28	15	16	17	14	16	33	20
CU	87	171	46	70	77	67	107	144	79
PR	47	580	46	31	194	31	48	25	53
SB	2	1	1	3	3	2	3	1	3
ZN	64	363	79	106	515	60	59	68	68
AU-PPB	15	250	5	15	145	60	145	15	150

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	NAO2	NA2O	SIO2	SR	TIO2	ZR	TOT(%)
BCD 9011	17.15	.042	6.92	8.14	3.20	6.76	.22	2.60	50.16	.04	.68	.005	95.91
BCD 9015	14.85	.036	8.82	9.10	3.54	6.78	.45	1.51	49.53	.04	.72	.005	95.38
BCD 9016	12.98	.030	15.36	10.48	2.06	8.61	.35	.10	42.12	.06	.84	.005	92.98
BCD 9017	15.58	.032	10.15	8.47	3.09	5.04	.25	2.44	44.37	.04	.77	.005	90.24
BCD 9018	13.98	.062	9.81	8.79	3.88	5.55	.46	.64	47.43	.05	.74	.005	91.39
BCD 9019	13.97	.107	9.89	8.13	3.93	4.99	.33	.92	47.20	.04	.74	.005	90.23
BCD 9020	16.88	.087	9.33	9.02	5.39	5.08	.43	.08	44.77	.04	.93	.005	92.05
BCD 9021	18.50	.151	6.87	7.66	3.26	3.19	.20	3.51	50.34	.06	.77	.005	94.51
BCD 9027	15.54	.066	9.62	7.67	4.48	4.49	.25	.66	46.93	.05	.71	.005	90.47

MIN-EN LABORATORIES LTD.

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

Analytical Report

Company: MINNOVA INC.
Project: 237
Attention:

File: 8-167
Date: FEB 18/88
Type: ROCK ASSAY

Date Samples Received : FEB 13/88
Samples Submitted by :

Report on Geochem Samples
.....
.....12..... Assay Samples
.....

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

Samples: Sieved to mesh Ground to mesh-150....

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

Methods of analysis:
CU PB ZN AG - ACID DIGESTION-CHEMICAL ANALYSIS.
AU - FIRE ASSAY.
WO3 - FUSION.SPECTROPHOTOMETRIC.
MINNOVA STANDARD PACKAGE.

Remarks

MIN-EN LABORATORIES LTD.

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

Analytical Report

Company: MINNOVA INC.
Project: 237
Attention:

File: 8-133
Date: FEB 10/88
Type: ROCK GEOCHEM

Date Samples Received : FEB 5/88

Samples Submitted by :

Report on 11- ROCKS ASSAY - PREP Geochem Samples
.....
..... 1 Assay Samples
.....

Copies sent to:

1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, 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.
- CU PB ZN AG - ACID DIGESTION-CHEMICAL ANALYSIS.
- AU - FIRE ASSAY.
- WO3 - COLORIMETRIC.

Remarks

MIN-EN LABORATORIES LTD.

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 ASSAY

Company: MINNOVA INC.

Project: 237

Attention:

File: 8-167/P1

Date: FEB 16/88

Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	W03 %
BCD 9044	.020	.01	.01	5.9	0.17	.01	0.001	.010
BCD 9045	.015	.01	.01	4.7	0.14	.15	0.004	.001
BCD 9046	.016	.01	.02	3.2	0.09	.01	0.001	.005
BCD 9047	.009	.01	.01	4.1	0.12	.10	0.003	.095
BCD 9048	.010	.01	.01	4.2	0.12	.01	0.001	.002
BCD 9049	.020	.09	.11	5.4	0.16	.08	0.002	.001
BCD 9050	.022	.07	.08	2.7	0.08	.01	0.001	.001
BCD 9051	.018	.10	.12	11.7	0.34	.20	0.006	.014

Certified by



MIN-EN LABORATORIES LTD.

PROJECT NO: 237

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

FILE NO: 8-167

ATTENTION:

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

* TYPE ROCK GEOCHEM *

DATE:FEB 18, 1988

(PPM)	BCD 9040	BCD 9041	BCD 9042	BCD 9043
AG	7.1	1.9	.8	1.5
AS	19	4	3	2
B	25	17	8	14
CU	99	43	54	29
PB	119	82	38	36

SR	6	5	1	1
ZN	173	99	76	78
AU-PPB	165	45	10	10

PROJECT NO: 237

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

FILE NO: 8-1671

ATTENTION:

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

* TYPE ROCK GEOCHEM *

DATE:FEB 18, 1988

(%)	BCD 9040	BCD 9041	BCD 9042	BCD 9043
-------	----------	----------	----------	----------

AL2O3	18.06	16.70	18.94	15.97
-------	-------	-------	-------	-------

BA	.065	.023	.027	.172
----	------	------	------	------

CAO	10.13	7.84	8.10	6.57
-----	-------	------	------	------

FE2O3	9.48	8.63	8.46	7.77
-------	------	------	------	------

K2O	5.95	.70	1.12	2.78
-----	------	-----	------	------

MGO	5.16	5.54	4.74	5.42
-----	------	------	------	------

MNO2	.42	.24	.23	.18
------	-----	-----	-----	-----

NA2O	.11	.09	.18	3.15
------	-----	-----	-----	------

SiO2	43.12	50.87	49.36	50.01
------	-------	-------	-------	-------

SR	.04	.10	.05	.08
----	-----	-----	-----	-----

TiO2	.85	.97	.97	.99
------	-----	-----	-----	-----

IR	.005	.009	.008	.011
----	------	------	------	------

TOT (%)	93.40	91.72	92.20	93.11
---------	-------	-------	-------	-------

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 237

25 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T5

FILE NO: 8-150

ATTENTION:

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

TYPE ROCK GEOCHEM * DATE: FEB 17, 1988

(PPM) BCD 9033 BCD 9034 BCD 9035 BCD 9036 BCD 9037 BCD 9038 BCD 9039

AG	1.9	1.3	4.3	1.3	1.0	1.3	1.8
AS	5	5	6	3	4	4	16
B	4	6	4	1	5	1	12
CU	94	84	100	92	85	209	43
PR	104	27	57	25	26	25	29

SB	1	1	2	1	2	3	1
ZN	97	75	91	84	92	96	85
AU-PPB	10	5	15	10	5	10	5

(%)	BCD 9033	BCD 9034	BCD 9035	BCD 9036	BCD 9037	BCD 9038	BCD 9039
AL2O3	14.50	17.18	15.63	16.53	16.96	17.17	14.73
BA	.078	.075	.061	.152	.172	.331	.066
CAO	9.69	6.83	8.52	8.21	7.74	7.98	7.76
FE2O3	8.09	8.28	8.66	8.58	8.72	9.06	8.68
K2O	2.83	3.30	4.02	3.10	3.52	4.16	2.07

MGO	4.45	4.18	4.55	4.26	4.28	4.29	5.58
MNO2	.23	.21	.27	.25	.25	.25	.23
NA2O	2.45	2.99	1.40	3.09	2.47	1.59	4.20
SiO2	48.15	48.67	47.78	46.58	46.01	47.46	46.73
SR	.03	.03	.03	.04	.04	.04	.08

TiO2	.74	.76	.74	.70	.82	.88	.89
IR	.005	.005	.005	.005	.005	.005	.009
TOT (%)	91.23	92.52	91.67	91.49	90.99	93.22	91.03

MIN-EN LABORATORIES LTD.

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

Analytical Report

Company: MINNOVA INC.
Project: 237
Attention:

File: 8-175
Date: FEB 18/88
Type: ROCK ASSAY

Date Samples Received : FEB 15/88
Samples Submitted by :

Report on17 ROCKS ASSAY PREP..... Geochem Samples
.....
.....7..... Assay Samples
.....

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

Samples: Sieved to mesh Ground to mesh-150....

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

Methods of analysis:

CU PB ZN AG - ACID DIGESTION-CHEMICAL ANALYSIS.
AU - FIRE ASSAY.
WO3 - FUSION SPECTROPHOTOMETRIC.
MINNOVA STANDARD PACKAGE.

Remarks

MIN-EN LABORATORIES LTD.

Specialists in Mineral Environments

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

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

TELEX: VIA USA 7601067 UC

Certificate of GEOCHEM

Company: MINNOVA INC.
Project: 237
Attention:

File: 8-175/P1
Date: FEB 18/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	WO3 %
BCD 9062	.020	.09	.10	4.2	0.12	1.52	0.044	.001
BCD 9067	.018	.04	.05	4.8	0.14	.39	0.011	.001
BCD 9068	.037	.50	.59	284.0	8.28	7.24	0.211	.002
BCD 9069	.016	.02	.02	2.9	0.08	.16	0.005	.001
BCD 9071	.018	.02	.02	6.7	0.20	.02	0.001	.001
BCD 9072	.022	.06	.04	8.5	0.25	.01	0.001	.001
BCD 9075	.021	.03	.08	4.6	0.13	.35	0.010	.001

Certified by



MIN-EN LABORATORIES LTD.

PROJECT NO: 237

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

FILE NO: 8-175

ATTENTION:

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

* TYPE ROCK GEOCHEM *

DATE: FEB 18, 1988

(VALUES IN PPM)	AG	AS	B	CU	PR	SB	ZN	AU-PPB
BCD 9052	3.0	17	63	85	54	5	100	10
BCD 9053	1.8	14	49	86	41	8	92	5
BCD 9054	1.2	13	42	106	29	1	84	5
BCD 9055	1.1	10	43	108	33	1	92	10
BCD 9056	2.1	2	43	117	14	4	82	5
BCD 9057	2.8	7	25	95	44	2	74	60
BCD 9058	2.4	22	51	88	55	1	83	110
BCD 9059	3.0	53	32	95	303	2	1384	320
BCD 9060	.8	3	43	58	53	5	124	10
BCD 9061	1.6	13	35	85	20	4	78	10
BCD 9063	.9	18	28	70	40	5	86	15
BCD 9064	.5	22	41	56	34	4	56	5
BCD 9065	.4	25	42	54	30	6	63	5
BCD 9066	2.1	14	33	87	23	4	64	10
BCD 9070	2.1	5	31	73	34	3	71	25
BCD 9073	3.0	26	23	258	144	6	138	55
BCD 9074	1.7	1	30	168	71	6	95	10

PROJECT NO: 237

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T7

FILE NO: 8-175L

ATTENTION:

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

* TYPE GEOCHEM * DATE: FEB 18, 1988

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	SI02	SR	TIO2	ZR	TOT(%)
BCD 9052	17.23	.032	8.37	8.08	1.23	3.70	.26	3.92	47.51	.07	.78	.007	91.18
BCD 9053	16.66	.023	10.21	9.26	2.02	6.24	.30	.32	46.94	.03	.81	.006	92.81
BCD 9054	15.37	.043	8.35	9.79	2.88	5.06	.28	2.13	46.42	.04	.83	.006	91.20
BCD 9055	16.22	.057	10.50	9.32	2.26	5.83	.29	1.70	42.94	.05	.72	.005	89.88
BCD 9056	19.11	.105	8.67	9.07	2.18	3.60	.25	3.59	48.75	.08	.82	.006	96.23
BCD 9057	17.46	.072	9.33	9.42	5.30	4.42	.49	.36	45.00	.05	.87	.006	92.78
BCD 9058	18.21	.055	8.26	9.86	3.87	4.61	.49	1.61	43.39	.05	.92	.007	91.33
BCD 9059	15.01	.051	9.07	9.96	4.35	4.23	.67	.36	45.94	.04	.86	.006	90.54
BCD 9060	10.20	.043	7.20	9.33	1.54	17.26	.22	.81	46.37	.02	.59	.005	93.58
BCD 9061	18.07	.058	9.90	7.85	1.68	2.65	.26	3.49	45.95	.13	.78	.006	90.82
BCD 9063	11.68	.062	12.32	8.55	2.28	9.32	.34	1.65	42.17	.04	.52	.005	88.93
BCD 9064	9.16	.005	9.87	9.50	.20	19.09	.24	.05	42.64	.01	.41	.005	91.18
BCD 9065	9.24	.008	9.34	9.45	.23	19.03	.28	.06	43.74	.01	.41	.005	91.81
BCD 9066	17.23	.044	9.75	9.04	1.49	4.46	.27	3.30	46.08	.09	.78	.005	92.53
BCD 9070	16.90	.069	9.64	8.52	1.89	5.59	.25	2.87	46.83	.08	.74	.006	93.40
BCD 9073	15.34	.053	10.04	9.10	4.01	6.62	.57	.57	44.65	.08	.76	.005	91.80
BCD 9074	20.11	.087	5.91	7.95	4.04	4.21	.24	1.72	50.02	.05	.76	.008	95.11

PROJECT NO: 237

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

FILE NO: B-146/P1

ATTENTION:

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

* TYPE ROCK GEOCHEM * DATE:FEB 11, 1988

(FPH)	BCD 8036	BCD 8037	BCD 8038	BCD 8039	BCD 8040	BCD 8042	BCD 8043	BCD 8044	BCD 8045	BCD 8046	BCD 8047
AG	.4	.3	.4	.3	1.9	3.2	1.1	1.3	1.2	1.8	1.4
AS	27	6	22	6	18	9	14	19	7	19	14
B	44	41	38	31	43	18	40	37	25	37	34
CU	72	98	94	87	55	54	26	36	23	36	44
PB	38	40	31	33	24	25	26	26	24	28	40
SB	7	7	1	5	1	1	4	1	2	1	1
IN	85	84	75	125	133	92	64	74	61	81	109
AU-PPB	5	10	5	5	10	10	5	5	10	5	10

PROJECT NO: 238

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

FILE NO: 8-146

ATTENTION:

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

* TYPE ROCK GEOCHEM *

DATE: FEB 12, 1988

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	SiO2	SR	TiO2	ZR	TOT(%)
BCD 8036	15.70	.005	6.78	10.74	.02	8.19	.18	3.22	45.65	.02	1.04	.005	91.55
BCD 8037	18.44	.066	2.29	11.57	1.51	7.58	.37	1.57	52.61	.02	.96	.005	96.99
BCD 8038	15.53	.064	7.40	10.30	1.53	7.55	.35	1.76	45.93	.02	.91	.005	91.35
BCD 8039	13.00	.045	3.74	8.83	1.13	5.06	.16	1.23	60.00	.02	.84	.005	94.05
BCD 8040	14.99	.282	1.73	8.10	3.10	2.11	.49	1.40	62.69	.04	.72	.014	95.68
BCD 8042	14.62	.058	6.79	11.98	1.61	3.86	.36	3.48	51.13	.05	2.46	.024	96.40
BCD 8043	17.14	.042	8.37	9.27	1.00	6.08	.21	3.28	49.55	.05	1.46	.011	96.47
BCD 8044	16.40	.069	7.64	9.53	1.33	6.42	.20	3.45	49.80	.05	1.62	.014	96.52
BCD 8045	14.40	.121	.88	5.45	2.51	2.04	.16	2.62	68.14	.02	.68	.018	97.06
BCD 8046	16.69	.086	8.06	9.74	1.24	5.81	.20	2.89	49.40	.05	1.69	.013	95.86
BCD 8047	16.13	.118	2.34	8.31	2.57	2.33	.36	1.40	61.61	.03	.76	.016	95.97

MIN-EN LABORATORIES LTD.

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 NC

Certificate of ASSAY

Company: MINNOVA INC.
Project: 237
Attention:

File: 8-144/P1
Date: FEB 12/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	W03 %
BCD 9014	.053	.65	.48	51.8	1.51	1.92	0.056	.001
BCD 9022	.017	.03	.03	33.4	0.97	.21	0.006	.001
BCD 9023	.013	.02	.02	35.8	1.04	.05	0.001	.001
BCD 9024	.018	.01	.02	34.7	1.01	.42	0.012	.001
BCD 9025	.012	.02	.04	33.9	0.99	.18	0.005	.003
BCD 9026	.014	.04	.07	36.6	1.07	.29	0.008	.011

Certified by _____



MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.

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

Analytical Report

Company: MINNOVA INC.
Project: 237
Attention:

File: 8-144
Date: FEB 12/88
Type: ROCK GEOCHEM

Date Samples Received : FEB 8/88
Samples Submitted by :

Report on 9 ROCKS ASSAY PREP. Geochem Samples
.....
..... 6. Assay Samples
.....

Copies sent to:
1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, 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.
CU PB ZN AG - ACID DIGESTION-CHEMICAL ANALYSIS.
AU - FIRE ASSAY.
WO3 - FUSION. SPECTROPHOTOMETRIC.

Remarks

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

ACT:F31) PAGE 1 OF 1

PROJECT NO: 237

705 WEST 15TH ST., NORTH VANCOUVER,

B.C. V7M 1T2

FILE NO: 8-144

ATTENTION:

(604)980-5814 OR

(604)988-4524

* TYPE ROCK GEOCHEM *

DATE:FEB 12, 1988

(VALUES IN PPM)		AG	AS	B	CU	PB	SB
ZN	AU-PPB						
	BCD 9011	1.0	12	21	87	47	2
64	15						
	BCD 9015	6.7	29	28	171	580	1
363	250						
	BCD 9016	.9	10	15	46	46	1
79	5						
	BCD 9017	.9	7	16	70	31	3
106	15						
	BCD 9018	4.8	30	17	77	194	3
515	145						
	BCD 9019	1.5	5	14	67	31	2
60	60						
	BCD 9020	9.5	15	16	107	48	3
59	145						
	BCD 9021	2.1	6	33	144	25	1
68	15						
	BCD 9027	1.7	5	20	79	53	3
68	150						

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

ACT:F26) PAGE 1 OF 2

PROJECT NO: 237

705 WEST 15TH ST., NORTH VANCOUVER,

B.C. V7M 1T2

FILE NO: 8-144L

ATTENTION:

(604)980-5814 OR

(604)988-4524

* TYPE ROCK GEOCHEM *

DATE:FEB 12, 1988

(VALUES IN %)		AL2O3	BA	CAO	FE2O3	K2O	MGO
MNO2	NA2O	SI02	SR	TIO2	ZR		
	BCD 9011	17.15	.042	6.92	8.14	3.20	6.76
.22	2.60	50.16	.04	.68	.002		
	BCD 9015	14.85	.036	8.82	9.10	3.54	6.78
.45	1.51	49.53	.04	.72	.002		
	BCD 9016	12.98	.030	15.36	10.48	2.06	8.61
.35	.10	42.12	.06	.84	.002		
	BCD 9017	15.58	.032	10.15	8.47	3.09	5.04
.25	2.44	44.37	.04	.77	.002		
	BCD 9018	13.98	.062	9.81	8.79	3.88	5.55
.46	.64	47.43	.05	.74	.002		
	BCD 9019	13.97	.107	9.89	8.13	3.93	4.99
.33	.92	47.20	.04	.74	.002		
	BCD 9020	16.88	.087	9.33	9.02	5.39	5.08
.43	.08	44.77	.04	.93	.003		
	BCD 9021	18.50	.151	6.87	7.66	3.26	3.19
.20	3.51	50.34	.06	.77	.004		
	BCD 9027	15.54	.066	9.62	7.67	4.48	4.49
.25	.66	46.93	.05	.71	.003		

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

ACT:F26) PAGE 2 OF 2

PROJECT NO: 237

705 WEST 15TH ST., NORTH VANCOUVER,

B.C. V7M 1T2

FILE NO: 8-144L

ATTENTION:

(604)980-5814 OR

(604)988-4524 * TYPE ROCK GEOCHEM * DATE:FEB 12, 1988

(VALUES IN %) TOT(%)

BCD 9011	95.91
BCD 9015	95.38
BCD 9016	92.98
BCD 9017	90.24
BCD 9018	91.39
BCD 9019	90.23
BCD 9020	92.05
BCD 9021	94.51
BCD 9027	90.47

**** Certificate of ASSAY ****

Company:MINNOVA INC.

File:8-144/P1

Project:237

Date:FEB 12/88

Attention:

Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	W03 %	
BCD 9014	.053	.65	.48	51.8	1.51	1.92	0.056	.001	1.2M)
BCD 9022	.017	.03	.03	33.4	0.97	.21	0.006	.001	.8M
BCD 9023	.013	.02	.02	35.8	1.04	.05	0.001	.001	2.2M
BCD 9024	.018	.01	.02	34.7	1.01	.42	0.012	.001	.6
BCD 9025	.012	.02	.04	33.9	0.99	.18	0.005	.003	0.4
BCD 9026	.014	.04	.07	36.6	1.07	.29	0.008	.011	1.1

Certified by_____

MIN-EN LABORATORIES LTD.

Action? exit

Command?

MIN-EN LABORATORIES LTD.

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

Analytical Report

Company: MINNOVA INC.
Project: 237
Attention:

File: 8-150
Date: FEB 18/88
Type: ROCK GEOCHEM

Date Samples Received : FEB 9/88
Samples Submitted by :

Report on7 ROCKS ASSAY PREP..... Geochem Samples
.....
.....5..... Assay Samples
.....

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

Samples: Sieved to mesh Ground to mesh-150....

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

Methods of analysis:

CU PB ZN AG - ACID DIGESTION-CHEMICAL ANALYSIS.
AU - FIRE ASSAY.
WO3 - FUSION SPECTROPHOTOMETRIC.
MINNOVA STANDARD PACKAGE.

Remarks

MIN-EN LABORATORIES LTD.

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 ASSAY

Company: MINNOVA INC.
Project: 237
Attention:

File: 8-211/P1
Date: FEB 25/88
Type: ROCK ASSAY

I hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	W03 %
BCD 8864	.403	1.36	1.60	167.0	4.87	4.31	0.126	.003
BCD 8867	.040	.24	.37	6.3	0.18	.04	0.001	.001
BCD 8869	.047	.02	.02	33.7	0.98	.73	0.021	.001

Certified by

MIN-EN LABORATORIES LTD.

Stamp Lk 2/21/88

MIN-EN LABORATORIES LTD.

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

Analytical Report

Company: MINNOVA INC.
Project: 237
Attention:

File: 8-211
Date: FEB 29/88
Type: ROCK GEOCHEM

Date Samples Received : FEB 22/88
Samples Submitted by :

Report on 35 ROCKS ASSAY PREP..... Geochem Samples
.....
..... 3..... Assay Samples
.....

Copies sent to:
1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, 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.
- GEOCHEM - CU PB ZN AG - MULTI ACID.A.A.
- GEOCHEM - AU - WET.A.A.
- ASSAYS - CU PB ZN AG - ACID DIGESTION-CHEMICAL ANALYSIS.
- ASSAYS - AU - FIRE.
- ASSAYS - WO3 - FUSION.SPECTROPHOTOMETRIC.

Remarks

RECEIVED

MAR 3 1988

Ans'd

MIN-EN LABORATORIES LTD.

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: 237

Attention:

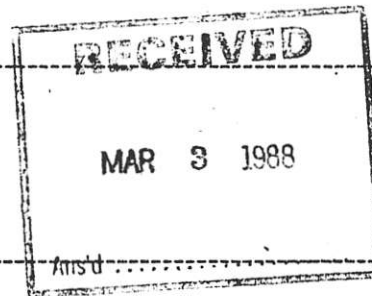
File: 8-211/P1

Date: FEB 26/88

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 8852	330	24	150	1.5	5
BCD 8871	275	60	500	1.6	15



Certified by _____

A handwritten signature in dark ink, appearing to read "R. S. ...".

MIN-EN LABORATORIES LTD.

MIN-EN LABORATORIES LTD.

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 ASSAY

Company: MINNOVA INC.

Project: 237

Attention:

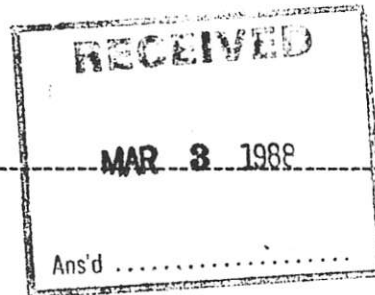
File: 8-211/P1

Date: FEB 25/88

Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	W03 %
BCD 8864	.403	1.36	1.60	167.0	4.87	4.31	0.126	.003
BCD 8867	.040	.24	.37	6.3	0.18	.04	0.001	.001
BCD 8869	.047	.02	.02	33.7	0.98	.73	0.021	.001



Certified by

[Signature]
MIN-EN LABORATORIES LTD.

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 237

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

FILE NO: 8-211/P1+2

ATTENTION:

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

* TYPE ROCK GEOCHEM * DATE: FEB 29, 1988

(VALUES IN PPM)	AG	AS	B	CU	PR	SB	ZN	AU-PPB
BCD 8851	7.5	6	49	297	120	18	182	30
BCD 8853	4.7	4	28	257	56	2	94	5
BCD 8854	3.6	3	19	165	38	2	75	10
BCD 8855	3.6	15	15	222	40	1	84	5
BCD 8856	3.1	13	12	189	26	2	88	5
BCD 8857	2.4	4	10	306	33	1	100	5
BCD 8858	2.6	9	9	417	29	1	72	10
BCD 8859	.5	4	12	63	22	1	70	5
BCD 8860	.5	5	10	93	15	1	91	5
BCD 8861	2.8	10	16	232	37	34	87	100
BCD 8862	2.9	11	15	301	52	59	135	60
BCD 8863	4.1	7	9	240	256	59	229	175
BCD 8865	2.4	16	19	299	39	2	110	5
BCD 8866	2.8	16	21	317	31	3	101	75
BCD 8868	2.6	10	9	185	20	1	67	5
BCD 8870	3.3	3	14	332	36	3	82	10
BCD 8872	2.6	10	13	234	24	3	76	5
BCD 8873	3.2	3	15	294	127	6	181	50
BCD 8874	15.5	10	17	315	1084	85	196	410
BCD 8875	1.7	4	13	79	42	1	86	5
BCD 8876	1.9	5	11	333	30	3	98	5
BCD 8877	1.7	4	9	103	28	1	114	5
BCD 8878	3.1	3	12	50	35	3	91	10
BCD 8879	1.6	1	11	101	27	1	111	5
BCD 8880	2.1	9	10	47	29	2	82	5
BCD 8881	12.3	3	9	148	281	1	105	10
BCD 8882	1.4	5	11	102	25	1	104	5
BCD 8883	1.0	12	11	157	19	2	75	5
BCD 8884	1.6	15	13	324	25	2	112	5
BCD 8885	1.3	14	12	88	21	1	86	5
BCD 8886	4.0	6	34	139	60	2	138	5
BCD 8887	3.2	4	22	212	44	3	137	5
BCD 8888	3.0	12	14	195	43	2	96	5

MAR 3 1988

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	SiO2	SR	TIO2	ZR	TOT(%)
BCD 8851	13.58	.084	12.48	6.32	3.79	3.90	.24	.49	45.94	.04	.59	.005	87.45
BCD 8853	15.34	.032	13.05	8.37	1.14	4.51	.23	2.61	44.39	.06	.74	.005	90.48
BCD 8854	15.37	.018	13.63	8.21	.72	4.56	.24	2.45	43.61	.06	.73	.005	89.61
BCD 8855	15.13	.012	15.28	8.48	.62	4.53	.26	2.21	41.86	.07	.72	.005	89.16
BCD 8856	15.36	.021	14.02	8.35	.81	4.84	.26	2.30	43.03	.07	.72	.005	89.76
BCD 8857	14.92	.034	14.17	9.67	1.17	4.75	.25	2.13	42.75	.07	.71	.005	90.64
BCD 8858	14.62	.022	13.79	9.59	.95	4.58	.25	2.46	41.89	.06	.69	.005	88.90
BCD 8859	16.45	.084	6.66	6.75	3.00	4.37	.18	2.73	53.83	.08	.42	.005	94.56
BCD 8860	15.30	.035	9.90	5.85	3.60	5.10	.18	1.43	51.00	.06	.46	.005	92.91
BCD 8861	13.89	.012	13.69	8.13	2.67	4.15	.32	.05	44.38	.03	.66	.005	88.00
BCD 8862	15.34	.016	11.55	7.95	2.99	4.21	.36	.07	47.03	.03	.73	.005	90.28
BCD 8863	16.03	.023	9.01	7.94	3.26	4.21	.30	.08	49.68	.03	.78	.005	91.34
BCD 8865	15.94	.059	11.90	9.89	1.65	4.03	.24	1.02	45.08	.06	.78	.005	90.64
BCD 8866	15.81	.029	13.26	9.65	.99	4.47	.27	.84	45.54	.06	.79	.005	91.73
BCD 8868	14.89	.020	17.53	9.13	.70	4.47	.30	1.91	42.06	.06	.73	.005	91.81
BCD 8870	14.34	.028	15.96	9.44	.83	4.05	.30	1.44	41.13	.06	.70	.005	88.28
BCD 8872	15.91	.032	15.12	9.44	1.21	4.24	.28	1.71	43.67	.08	.76	.005	92.45
BCD 8873	15.33	.040	13.94	9.12	1.81	4.32	.26	1.24	44.33	.07	.72	.005	91.17
BCD 8874	16.10	.025	11.88	9.17	2.14	4.36	.26	1.60	46.66	.07	.75	.005	93.02
BCD 8875	15.17	.035	9.21	8.67	1.93	7.55	.23	2.41	47.75	.06	.64	.005	93.67
BCD 8876	16.07	.058	8.13	8.91	2.71	5.90	.18	2.71	47.93	.05	.72	.005	93.38
BCD 8877	13.76	.041	10.17	7.53	2.94	7.66	.26	2.22	47.24	.05	.63	.005	92.49
BCD 8878	15.51	.076	8.34	8.58	2.53	5.28	.23	4.38	47.70	.08	.93	.010	93.64
BCD 8879	16.99	.032	9.37	8.73	2.22	6.26	.18	2.65	47.01	.07	.72	.005	94.24
BCD 8880	14.39	.056	8.03	9.00	1.73	7.71	.22	3.89	49.28	.07	.87	.009	95.25
BCD 8881	16.78	.056	9.90	8.05	2.99	5.59	.18	2.60	49.62	.06	.67	.005	96.50
BCD 8882	17.91	.027	9.28	8.21	2.13	5.47	.17	2.99	49.33	.05	.70	.005	96.27
BCD 8883	16.61	.056	10.70	8.12	3.41	5.68	.19	1.73	48.13	.05	.68	.005	95.36
BCD 8884	14.38	.052	12.75	8.25	2.86	5.19	.22	1.40	42.64	.04	.59	.005	88.37
BCD 8885	16.41	.037	9.89	8.92	2.35	6.66	.19	2.22	48.00	.07	.73	.005	95.48
BCD 8886	16.61	.044	9.71	9.54	2.29	6.40	.22	2.55	48.17	.07	.76	.005	96.36
BCD 8887	14.62	.053	9.51	9.51	2.70	8.13	.23	1.91	48.77	.05	.75	.005	96.24
BCD 8888	15.68	.050	9.95	7.37	2.48	6.16	.22	2.82	50.15	.05	.75	.005	95.69

COMPANY: MINNOVA INC.

PROJECT NO: 237

ATTENTION:

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: 8-175

* TYPE ROCK GEOCHEM * DATE:FEB 18, 1988

(VALUES IN PPM)	AG	AS	B	CU	PB	SB	ZN	AU-PPB
BCD 9052	3.0	17	63	85	54	5	100	10
BCD 9053	1.8	14	49	86	41	8	92	5
BCD 9054	1.2	13	42	106	29	1	84	5
BCD 9055	1.1	10	43	108	33	1	92	10
BCD 9056	2.1	2	43	117	14	4	82	5
BCD 9057	2.8	7	25	95	44	2	74	60
BCD 9058	2.4	22	51	88	55	1	83	110
BCD 9059	3.0	53	32	95	303	2	1384	320
BCD 9060	.8	3	43	58	53	5	124	10
BCD 9061	1.6	13	35	85	20	4	78	10
BCD 9063	.9	18	28	70	40	5	86	15
BCD 9064	.5	22	41	56	34	4	56	5
BCD 9065	.4	25	42	54	30	6	63	5
BCD 9066	2.1	14	33	87	23	4	64	10
BCD 9070	2.1	5	31	73	34	3	71	25
BCD 9073	3.0	26	23	258	144	6	138	55
BCD 9074	1.7	1	30	168	71	6	95	10

chemistry Text Dykes
[9002]

R
Basalts

T

Fl-Bx

Alt^d Zones

@

Action? EXIT

Command? R4

Posted: Thu Feb 18, 1988 11:28 AM PST Msg: JVNA-2980-1000
From: OFFICE
TO: FALC.COPPER
Subject: FILE 8-175L

COMPANY: MINNOVA INC.

PROJECT NO: 237

ATTENTION:

(VALUES IN %)

MIN-EN LABS ICP REPORT

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

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

ACT:F26) PAGE 1 OF 2

FILE NO: 8-175L

* TYPE ROCK GEOCHEM * DATE:FEB 18, 1988

	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	SI02	SR	TIO2	ZR
BCD 9052	17.23	.032	8.37	8.08	1.23	3.70	.26	3.92	47.51	.07	.78	.007
BCD 9053	16.66	.023	10.21	9.26	2.02	6.24	.30	.32	46.94	.03	.81	.006
BCD 9054	15.37	.043	8.35	9.79	2.88	5.06	.28	2.13	46.42	.04	.83	.006
BCD 9055	16.22	.057	10.50	9.32	2.26	5.83	.29	1.70	42.94	.05	.72	.005
Baseline R BCD 9056	19.11	.105	8.67	8.07	2.18	3.60	.25	3.59	48.75	.08	.82	.006
alt d BCD 9057	17.46	.072	9.33	9.42	5.30	4.42	.49	.36	45.00	.03	.87	.006
BCD 9058	18.21	.055	8.26	9.86	3.87	4.61	.49	1.61	43.39	.05	.92	.007
w/ QV BCD 9059	15.01	.051	9.07	9.96	4.35	4.22	.67	.38	45.94	.04	.86	.006
Text B - BCD 9060	10.20	.043	7.20	9.33	1.54	17.26	.22	.81	46.37	.02	.59	.005
R - BCD 9061	18.07	.058	9.90	7.85	1.68	2.65	.26	3.49	45.95	.13	.78	.006
Text B - BCD 9063	11.68	.062	12.32	8.55	2.28	9.32	.34	1.65	42.17	.04	.52	.004
Text B - BCD 9064	9.16	.002	9.87	9.50	.20	19.09	.24	.05	42.64	.01	.41	.002
BCD 9065	9.24	.008	9.34	9.45	.23	19.03	.28	.06	43.74	.01	.41	.002
R FBx BCD 9066	17.23	.044	9.75	9.04	1.49	4.46	.27	3.30	46.08	.09	.78	.005
BCD 9070	16.90	.069	9.64	8.52	1.89	5.59	.25	2.87	46.83	.08	.74	.006
BCD 9073	15.34	.053	10.04	9.10	4.01	6.62	.57	.57	44.65	.08	.76	.005
Alt BCD 9074	20.11	.087	5.91	7.95	4.04	4.21	.24	1.72	50.02	.05	.76	.008

SL 3

B.R

silic

Text Basalt

Ba ↓

Al₂O₃ ↓

Ba ↓

CaO ↓_{wk}

K₂O ↑

K₂O ↓

MgO ↑

MgO ↑_{up}

strong Na₂O ↓

strong Na₂O ↓

SiO₂ ↓_{wk}

SL 4

R

Text B

Altⁿ

Al₂O₃ ↓

Ba ↓

CaO ↓
wk

K₂O ↓

K₂O ↑

MgO ↑

MgO

Na₂O ↓

Na₂O ↓

SiO₂ ↑

wk
SR ↓ TIO₂ ↓ Zr ↓

COMPANY: MINNOVA INC.

PROJECT NO: 237

ATTENTION:

(VALUES IN %)	TOT(%)
BCD 9052	91.18
BCD 9053	92.81
BCD 9054	91.20
BCD 9055	89.88
BCD 9056	96.23
BCD 9057	92.78
BCD 9058	91.33
BCD 9059	90.54
BCD 9060	93.58
BCD 9061	90.82
BCD 9063	88.93
BCD 9064	91.18
BCD 9065	91.81
BCD 9066	92.53
BCD 9070	93.40
BCD 9073	91.80
BCD 9074	95.11

MIN-EN LABS ICP REPORT

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

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

ACT:F26) PAGE 2 OF 2

FILE NO: 8-175L

* TYPE ROCK GEOCHEM * DATE:FEB 18, 1988

@

Action? EXIT

Command? R10

Posted: Thu Feb 18, 1988 11:40 AM PST Msg: YVNA-5980-1000
From: OFFICE
TO: FALC.COPPER
Subject: 8-0175/RA/Page 001

**** Certificate of GEOCHEM ****

Company: MINNOVA INC.
Project: 237
Attention:

File: 8-175/P1
Date: FEB 18/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	W03 %
BCD 9062	.020	.09	.10	4.2	0.12	1.52	0.044	.001
BCD 9067	.018	.04	.05	4.8	0.14	.39	0.011	.001
BCD 9068	.037	.50	.59	284.0	8.28	7.24	0.211	.002
BCD 9069	.015	.02	.02	2.9	0.08	.16	0.005	.001
BCD 9071	.018	.02	.02	6.7	0.20	.02	0.001	.001
BCD 9072	.022	.06	.04	8.5	0.25	.01	0.001	.001
BCD 9075	.021	.03	.08	4.6	0.13	.35	0.010	.001

Certified by _____

MIN-EN LABORATORIES LTD.

r1

Posted: Fri Feb 26, 1988 8:07 AM PST Msg: YVNA-4571-1000
From: OFFICE
TO: FALC.COPPER
Subject: 8-0213/RA/Page 001

**** Certificate of ASSAY ****

Company:MINNOVA INC.
Project:237
Attention:

File:8-213/P1
Date:FEB 25/88
Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	WO3 %
BCD 9774	.052	.02	.04	2.3	0.07	.01	0.001	.005
BCD 9775	.064	.01	.03	3.4	0.10	.02	0.001	.004

Certified by _____

MIN-EN LABORATORIES LTD.

Action? exit

Command? r7

Posted: Fri Feb 26, 1988 10:42 AM PST Msg: CVNA-8871-1000
From: OFFICE
TO: FALC.COPPER
Subject: FILE 8-213R/P1

COMPANY: MINNOVA INC.

PROJECT NO: 237

ATTENTION: I.PIRIE

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: 8-213R/P1

* TYPE ROCK GEOCHEM * DATE:FEB 26, 1988

(VALUES IN PPM)	AG	AS	B	CU	PB	SB	ZN	AU-PPB
BCD 9770	3.6	10	12	156	114	1	146	5
BCD 9771	2.2	2	9	202	31	1	72	10
BCD 9772	2.2	16	8	369	31	1	73	5
BCD 9773	2.0	1	20	425	35	3	71	5

@

Action? exit

Command? r8

Posted: Fri Feb 26, 1988 10:43 AM PST Msg: FVNA-BB71-1000
From: OFFICE
TO: FALC.COPPER
Subject: FILE 8-213L/P1

COMPANY: MINNOVA INC.

PROJECT NO: 237

ATTENTION: I.PIRIE

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

ACT:F26) PAGE 1 OF 2

FILE NO: 8-213L/P1

DATE:FEB 26, 1988

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	SI02	SR	TIO2	ZR
BCD 9770	16.00	.015	17.06	8.47	.61	5.22	.29	2.17	46.48	.07	.78	.005
BCD 9771	15.71	.015	17.53	8.54	.51	5.13	.29	2.24	46.45	.06	.78	.004
BCD 9772	15.42	.033	17.06	9.78	.97	5.19	.29	2.24	45.51	.06	.77	.004
BCD 9773	15.10	.019	17.27	10.48	.62	4.92	.29	1.99	45.71	.05	.75	.004

COMPANY: MINNOVA INC.

PROJECT NO: 237

ATTENTION: I.PIRIE

(VALUES IN %)	TOT(%)
BCD 9770	97.16
BCD 9771	97.26
BCD 9772	97.33
BCD 9773	97.20

MIN-EN LABS ICP REPORT

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

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

* TYPE ROCK GEOCHEM * DATE:FEB 26, 1988

ACT:F26) PAGE 2 OF 2

FILE NO: 8-213L/P1

@

Action? exit

Command?

Contents of file C:MIN80.200

r3

Posted: Fri Feb 26, 1988 10:38 AM PST Msg: UVNA-6871-1000
From: OFFICE
TO: FALC.COPPER
Subject: FILE 8-200R/P1

**** Certificate of ASSAY ****

Company:MINNOVA INC.
Project:237
Attention:

File:8-167/P1
Date:FEB 16/88
Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	W03 %
BCD 9044	.020	.01	.01	5.9	0.17	.01	0.001	.010
BCD 9045	.015	.01	.01	4.7	0.14	.15	0.004	.001
BCD 9046	.015	.01	.02	3.2	0.09	.01	0.001	.005
BCD 9047	.009	.01	.01	4.1	0.12	.10	0.003	.095
BCD 9048	.010	.01	.01	4.2	0.12	.01	0.001	.002
BCD 9049	.020	.09	.11	5.4	0.16	.08	0.002	.001
BCD 9050	.022	.07	.08	2.7	0.08	.01	0.001	.001
BCD 9051	.018	.10	.12	11.7	0.34	.20	0.006	.014

R5

Posted: Thu Feb 18, 1988 11:29 AM PST Msg: DVNA-2980-1000
From: OFFICE
TO: FALC.COPPER
Subject: FILE 8-167

33.4 7.4
 5
 105

5 1.15
 23

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

ACT:F31) PAGE 1 OF 1

PROJECT NO: 237
ATTENTION:

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

* TYPE ROCK GEOCHEM *

FILE NO: 8-167
DATE: FEB 18, 1988

(VALUES IN PPM)	AG	AS	B	CU	PB	SB	ZN	AU-PPB
BCD 9040	7.1	19	25	99	119	6	173	165
BCD 9041	1.9	4	17	43	82	5	99	45
BCD 9042	.8	3	8	54	38	1	76	10
BCD 9043	1.5	2	14	29	36	1	78	10

@

Action? EXIT

Command? R6

Posted: Thu Feb 18, 1988 11:30 AM PST

Msg: SVNA-2980-1000

From: OFFICE

TO: FALC.COPPER

Subject: FILE 8-167L

@

r26

Posted: Tue Feb 16, 1988 3:51 PM PST Msg: AVNA-8560-1000
From: OFFICE
TO: FALC.COPPER
Subject: 8-0150/RA/Page 001

**** Certificate of ASSAY ****

Company:MINNOVA INC.
Project:237
Attention:

File:8-150/P1
Date:FEB 12/88
Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	WO3 %
BCD 9028	.012	.01	.04	0.2	0.01	.23	0.007	.001
BCD 9029	.020	.06	.13	4.5	0.13	.36	0.011	.001
BCD 9030	.048	.18	.14	35.0	1.02	.42	0.012	.001
BCD 9031	.054	.12	.25	27.6	0.81	.41	0.012	.001
BCD 9032	.022	.02	.02	5.6	0.16	.16	0.005	.001

Certified by _____

MIN-EN LABORATORIES LTD.

Action? exit

Command? R7

Posted: Thu Feb 18, 1988 11:31 AM PST Msg: BVNA-3980-1000
From: OFFICE
TO: FALC.COPPER
Subject: FILE 8-150

COMPANY: MINNOVA INC.

PROJECT NO: 237

ATTENTION:

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: 8-150

* TYPE ROCK GEOCHEM * DATE:FEB 18, 1988

(VALUES IN PPM)	AG	AS	B	CU	PB	SB	ZN	AU-PPB
BCD 9033	1.9	5	4	94	104	1	97	10
BCD 9034	1.3	5	6	84	27	1	75	5
BCD 9035	4.3	6	4	100	57	2	91	15
BCD 9036	1.3	3	1	92	25	1	84	10
BCD 9037	1.0	4	5	85	26	2	92	5
BCD 9038	1.3	4	1	209	25	3	96	10
BCD 9039	1.8	16	12	43	29	1	85	5

@

Action? EXIT

Command? R8

Posted: Thu Feb 18, 1988 11:34 AM PST Msg: BVNA-4980-1000
From: OFFICE
TO: FALC.COPPER
Subject: FILE 8-150L

COMPANY: MINNOVA INC.

PROJECT NO: 237

ATTENTION:

MIN-EN LABS ICP REPORT

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

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

ACT:F26) PAGE 1 OF 2

FILE NO: 8-150L

DATE:FEB 18, 1988

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	SiO2	SR	TiO2	ZR
BCD 9033	14.50	.078	9.69	8.09	2.83	4.45	.23	2.45	48.15	.03	.74	.004
BCD 9034	17.18	.075	6.83	8.28	3.30	4.18	.21	2.99	48.67	.03	.76	.005
BCD 9035	15.63	.061	8.52	8.66	4.02	4.55	.27	1.40	47.78	.03	.74	.005
BCD 9036	16.53	.152	8.21	8.58	3.10	4.26	.25	3.09	46.58	.04	.70	.005
BCD 9037	16.96	.172	7.74	8.72	3.52	4.28	.25	2.47	46.01	.04	.82	.005
BCD 9038	17.17	.331	7.98	9.06	4.16	4.29	.25	1.59	47.46	.04	.88	.005
BCD 9039	14.73	.066	7.76	8.68	2.07	5.58	.23	4.20	46.73	.08	.89	.009

COMPANY: MINNOVA INC.

PROJECT NO: 237

ATTENTION:

(VALUES IN %)	TOT(%)
BCD 9033	91.23
BCD 9034	92.52
BCD 9035	91.67
BCD 9036	91.49
BCD 9037	90.99
BCD 9038	93.22
BCD 9039	91.03

MIN-EN LABS ICP REPORT

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

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

ACT:F26) PAGE 2 OF 2

FILE NO: 8-150L

* TYPE ROCK GEOCHEM * DATE:FEB 18, 1988

@

Action? exit

Command?

Contents of file C:MIN80.201

r2

Posted: Fri Feb 26, 1988 8:08 AM PST Msg: DVNA-5571-1000
From: OFFICE
TO: FALC.COPPER
Subject: 8-0201/RA/Page 001

**** Certificate of ASSAY ****

Company:MINNOVA INC.
Project:237
Attention:

File:8-201/P1
Date:FEB 22/88
Type:ROCK ASSAY

We hereby certify the following results for samples submitted.

Sample Number	CU %	PB %	ZN %	AG G/TONNE	AG OZ/TON	AU G/TONNE	AU OZ/TON	W03 %
BCD-9755	.012	.06	.03	3.8	0.11	.31	0.009	.006
BCD-9756	.098	.13	.76	58.7	1.71	.62	0.018	.004
BCD-9759	.018	.07	.29	3.9	0.11	.01	0.001	
BCD-9761	.014	.02	.03	1.7	0.05	.01	0.001	.001
BCD-9763	.009	.01	.02	1.4	0.04	.02	0.001	.001
BCD-9766	.013	.01	.01	1.9	0.06	.01	0.001	.001
BCD-9767	.010	.02	.02	1.6	0.05	.03	0.001	.001
BCD-9768	.006	.03	.02	1.8	0.05	.02	0.001	.001

Certified by _____

MIN-EN LABORATORIES LTD.

COMPANY: MINNOVA INC.
PROJECT NO: 237

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

ACT:F26) PAGE 2 OF 2

FILE NO: 8-201L/P1

ATTENTION: I.PIRIE

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

* TYPE ROCK GEOCHEM * DATE:FEB 26, 1988

(VALUES IN %)	TOT(%)
BCD 9751	89.05
BCD 9752	88.78
BCD 9753	89.60
BCD 9754	89.33
BCD 9757	90.49
BCD 9758	89.92
BCD 9762	90.28
BCD 9764	90.18
BCD 9765	89.63
BCD 9769	90.69
BCD 9759	90.97

COMPANY: MINNOVA INC.

PROJECT NO: 237

ATTENTION: I. PIRIE

MIN-EN LABS ICP REPORT
705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

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

ACT:F26) PAGE 1 OF 2

FILE NO: 8-201L/P1

DATE:FEB 26, 1988

(VALUES IN %)	AL2O3	BA	CAO	FE2O3	K2O	MGO	MNO2	NA2O	SI02	SR	TIO2	ZR
BCD 9751	13.43	.069	9.30	9.15	1.96	7.11	.31	1.72	45.28	.05	.66	.004
BCD 9752	12.90	.044	11.50	8.63	3.53	7.36	.45	.23	43.43	.06	.64	.004
BCD 9753	12.55	.068	9.80	9.76	1.06	8.80	.28	1.95	44.59	.06	.67	.004
BCD 9754	12.87	.090	8.57	8.52	1.56	8.27	.24	2.39	46.16	.04	.60	.004
BCD 9757	12.35	.046	11.23	9.31	3.09	9.06	.37	.17	44.16	.05	.66	.004
BCD 9758	12.71	.055	13.08	8.88	2.87	7.41	.27	.16	43.78	.05	.65	.004
BCD 9762	12.46	.045	10.66	8.13	1.77	7.73	.28	1.52	47.07	.04	.57	.005
BCD 9764	13.42	.095	8.19	8.70	1.54	8.37	.25	2.42	46.55	.05	.61	.005
BCD 9765	15.07	.206	9.69	7.15	4.06	4.40	.21	1.90	46.24	.08	.62	.004
BCD 9769	14.44	.179	7.87	8.37	3.25	6.86	.23	1.92	46.92	.05	.60	.004
BCD 9759	13.25	.037	11.68	7.10	2.46	6.17	.21	1.24	48.24	.04	.53	.005

Action? exit

Command? r6

Posted: Fri Feb 26, 1988 10:41 AM PST Msg: XVNA-7871-1000
From: OFFICE
TO: FALC.COPPER
Subject: FILE 8-201L/P1

COMPANY: MINNOVA INC.

PROJECT NO: 237

ATTENTION: I. PIRIE

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: 8-201R/P1

* TYPE ROCK GEOCHEM * DATE:FEB 26, 1988

(VALUES IN PPM)	AG	AS	B	CU	PB	SB	ZN
BCD-9751	5.4	3	36	73	73	4	121
BCD-9752	4.7	30	19	65	63	2	93
BCD-9753	4.2	20	24	81	46	1	88
BCD-9754	3.7	18	22	82	36	1	80
BCD-9757	3.4	15	15	76	53	5	92
BCD-9758	3.1	6	17	63	73	4	212
BCD-9762	2.7	3	13	71	40	1	92
BCD-9764	3.3	17	15	74	31	1	74
BCD-9765	3.2	8	18	153	24	4	62
BCD-9769	3.3	15	22	91	35	1	79
BCD-9759	4.8	10	2	108	498	1	1985

no Au