

MINERAL • ENVIRONMENTS LABORATORIES

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

Assay Certificate

OV-0512-RA1

Company: MINNOVA INC.
Project: RECCE 608
Attn: I. PIRIE/C. CLAYTON

Date: MAY-29-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 7 ROCK samples
submitted MAY-17-90 by A. JONES.

Sample Number	LOI %
OTREL001	41.60
OCREL028	2.50
OCREL029	2.90
OCREL030	3.10
OCREL031	2.25
OCREL032	2.55
OCREL033	2.70

Certified by _____

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TELEPHONE: (705) 264-9996

Assay Certificate

OV-0476-RA1

Company: **MINNOVA INC.**
Project: **FENNELL 608**
Attn: **D. HEBERLEIN/I. PIRIE**

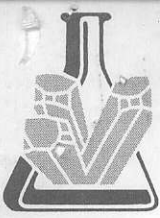
Date: **MAY-17-90**
Copy 1. **MINNOVA INC., VANCOUVER, B.C.**
2. **MINNOVA INC., BARRIERE, B.C.**

**We hereby certify the following Assay of 9 ROCK samples
submitted MAY-08-90 by C. CLAYTON.**

Sample Number	LOI %
OHFEL001	1.80
OHFEL002	4.00
OCFEL001	6.80
OCFEL002	3.10
OCFEL003	3.90
DCFEL005	5.10
DCFEL006	3.30
DCFEL007	2.80
DCFEL008	1.10

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

Assay Certificate

OV-0468-RA1

Company: MINNOVA INC.
Project: RG 312 240
Attn: W.HARRIS/I.PIRIE

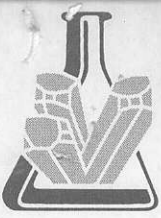
Date: MAY-17-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 8 ROCK samples submitted MAY-10-90 by STEVEN FRASER.

Sample Number	LOI %
BCD24316	7.60
BCD24317	10.40
BCD24319	11.00
BCD24320	8.40
BCD24321	10.90
BCD24322	9.80
BCD24324	8.40
BCD24330	5.10

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TELEPHONE: (705) 264-9996

Assay Certificate

OV-0566-RA1

Company: MINNOVA INC.
Project: FENNEL P.O. 608
Attn: I.PIRIE/D.HEBERLEIN

Date: JUN-04-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 4 ROCK samples
submitted MAY-28-90 by SEAN REILLY.

Sample Number	LOI %
OHREG003	14.50
OHREL005	3.70
OHREL004	3.35
OHREL014	28.80

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TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

THUNDER BAY LAB.:
TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

0V-0620-RA1

Company: MINNOVA INC.
Project: T.RECCE 608
Attn: I.PIRIE/C.CLAYTON

Date: JUN-09-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 1 ROCK samples
submitted JUN-06-90 by L.PRENTICE.

Sample Number	CU %	PB %	ZN %	AG g/tonne	AG oz/ton	AU g/tonne	AU oz/ton
OCREA107	1.460	.01	.03	8.1	.24	.01	.001

Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC.
 PROJ: RECCE 608
 ATTN: I.PIRIE/T.CLARKE

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

FILE NO: OV-0781
 DATE: 90/1
 * SOIL * (ACT)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
OTRES001	.4	1	60	9	11	1	53	5
OTRES002	.7	1	138	14	15	1	126	5
<i>Assay Certificate</i>								
MINNOVA INC. RECCE 608 I.PIRIE/T.CLARKE								
We hereby certify the following assay of 8 ROCK samples submitted JUN-27-90 by DUNCAN JOHANNESSEN.								
OTRES 12	.30%	.01	.01	2.1			.30	.004
OTRES 13	.22%	.01	.01	2.7			.01	.004
OTRES 14	.22%	.01	.01	2.7			.01	.004
OTRES 15	.061	.04	.26	2.8			.71	.014
OTRES 16	.003	.01	.08	3.7			.42	.014
OTRES 17	.107	.06	.07	4.8			.81	.014
OTRES 18	.42%	2.81	4.10	19.8			.06	.014

OFFICE AND LABORATORIES:
705 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
CANADA V7M 1T2

PHONE: (604) 980-5814 (604) 988-4524
TELEX: VIA USA 7601067
FAX: (604) 980-9621



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FAX (604) 980-9821

THUNDER BAY LAB.:
TELEPHONE (807) 622-8988
FAX (807) 623-5831

SMITHERS LAB.:
TELEPHONE / FAX (604) 847-3004

Assay Certificate

0V-0768-RA1

Company: MINNOVA INC.
Project: RECCE 608
Attn: I. PIRIE/T. CLARK

Date: JUL-04-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 8 ROCK samples
submitted JUN-27-90 by DUNCAN JOHANNESSEN.

Sample Number	CU %	PB %	ZN %	AG g/tonne	AG oz/ton	AU g/tonne	AU oz/ton
OTREA012	.306	.01	.01	3.1	.09	.20	.004
OTREA013	.527	.01	.01	3.8	.11	1.88	.055
OTREA014	.226	.01	.01	2.7	.08	.01	.001
OTREA015	.061	.04	.26	2.8	.08	.01	.001
OTREA016	.503	.01	.08	3.7	.11	.02	.001
OTREA017	.107	.08	.07	4.5	.13	.01	.001
OTREA018	.429	2.81	4.90	19.8	.58	.04	.001

Harper

MAY

Broken Ridge



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TELEPHONE (807) 622-8958
FAX (807) 623-5931

SMITHERS LAB.:
TELEPHONE/FAX (604) 847-3004

Assay Certificate

OV-0931-RA1

Company: **MINNOVA INC.**
Project: **RECCE P.O. 608**
Attn: **I. PIRIE/T. CLARKE**

Date: **JUL-23-90**

Copy 1. **MINNOVA INC., VANCOUVER, B.C.**
2. **MINNOVA INC., BARRIERE, B.C.**

We hereby certify the following Assay of 11 **ROCK** samples submitted JUL-18-90 by **DUNCAN JOHANNESSEN**.

Sample Number	CU %	PB %	ZN %	AG g/tonne	AG oz/ton	AU g/tonne	AU oz/ton
DTREA019	.026	.01	.01	2.1	.06	.04	.001
DTREA020	.050	.01	.02	1.9	.06	.01	.001
DTREA021	.138	.01	.01	2.0	.06	.07	.002
DRREA001	.044	.02	.03	2.1	.06	.02	.001
DRREA002	.079	.03	.02	4.0	.12	.10	.003
DRREA003	.080	.01	.12	2.2	.06	.04	.001
DRREA004	.490	.01	.01	2.0	.06	.50	.015
DRREA005	.210	.01	.02	2.4	.07	.03	.001
DRREA006	.097	.01	.01	2.3	.07	.01	.001
DRREA007	.328	.01	.01	2.0	.06	.73	.021
DRREA008	.172	.01	.01	3.0	.09	.24	.007

SPECIAL INSTRUCTIONS:

Certified by

MIN-EN LABORATORIES

OFFICE AND LABORATORIES
705 WEST FIFTEENTH STREET, NORTH VANCOUVER, B.C.
CANADA V7M 1T2

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FAX (604) 980-9621
TELETYPE (604) 980-9621



**MINERAL
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LABORATORIES**

DATE: July 23/90

TO: Minward Inc

ATTENTION: T. Mack

FAX# _____

THE TOTAL NUMBER OF PAGES BEING SENT IS 2 INCLUDING THIS COVER LETTER.

IF YOU DO NOT RECEIVE ALL OF THE PAGES, PLEASE CONTACT OUR FAX OPERATOR IMMEDIATELY AT (604) 980-5814.

SPECIAL INSTRUCTIONS:

File 01-931



MIN-EN
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424 P02
 VANCOUVER OFFICE
 708 WEST 15TH STREET
 NORTH VANCOUVER, B.C. CANADA V7M 1T2
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 FAX (604) 980-9621

THUNDER BAY LAB.:
 TELEPHONE (807) 622-8958
 FAX (607) 623-5931

SMITHERS LAB.:
 TELEPHONE/FAX (604) 647-3004

Assay Certificate

OV-0931-RA1

Company: **MINNOVA INC.**
 Project: **RECDE P.D. 608**
 Attn: **I. PIRIE/T. CLARKE**

Date: **JUL-23-90**
 Copy 1. **MINNOVA INC., VANCOUVER, B.C.**
 2. **MINNOVA INC., BARRIERE, B.C.**

We hereby certify the following Assay of 11 ROCK samples
 submitted JUL-18-90 by **DUNCAN JOHANNESSEN.**

Sample Number	CU %	PB %	ZN %	AG g/tonne	AG oz/ton	AU g/tonne	AU oz/ton
DTREA019	.026	.01	.01	2.1	.06	.04	.001
DTREA020	.050	.01	.02	1.9	.06	.01	.001
DTREA021	.138	.01	.01	2.0	.06	.07	.002
DRREA001	.044	.02	.03	2.1	.06	.02	.001
DRREA002	.079	.03	.02	4.0	.12	.10	.003
DRREA003	.080	.01	.12	2.2	.06	.04	.001
DRREA004	.490	.01	.01	2.0	.06	.50	.015
DRREA005	.210	.01	.02	2.4	.07	.03	.001
DRREA006	.097	.01	.01	2.3	.07	.01	.001
DRREA007	.328	.01	.01	2.0	.06	.73	.021
DRREA008	.172	.01	.01	3.0	.09	.24	.007

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[Signature]
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TELEPHONE: (705) 264-9996

Assay Certificate

OV-0620-RA2

Company: **MINNOVA INC.**
Project: T.RECDE 608
Attn: I.PIRIE/C.CLAYTON

Date: JUN-09-90

We hereby certify the following Assay of 2 ROCK samples
submitted MMM-DD-YY by .

Sample Number	LOI %
OCREL108	5.50
OHREL020	39.10

Certified by _____

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