



CGMP: MINNOVA INC.  
PROJ: 656 RICHTER  
ATTN: I.PIRIE/G.EVANS/K.CURTIS

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

FILE NO: 0V-0475-RJ1  
DATE: 90/05/18  
\* ROCK \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
ORRCL007	.7	1	86	12	11	1	18	115
ORRCL016	1.1	9	155	6	11	1	37	10

MAY 22 1990

Assay Certificate

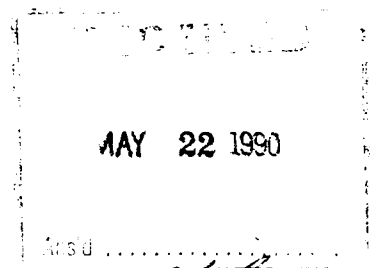
OV-0475-RA1

Company: **MINNOVA INC.**  
Project: 656 RICHTER  
Attn: I.PIRIE/G.EVANS/K.CURTIS

Date: **MAY-18-90**  
Copy 1. MINNOVA INC., VANCOUVER, B.C.  
2. MINNOVA INC., PENTICTON, B.C.

*We hereby certify* the following Assay of 2 ROCK samples  
submitted MAY-11-90 by K.CURTIS.

Sample Number	LOI %
ORRCL007	2.20
ORRCL016	1.60



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

MIN-EN LABORATORIES

COMP: MINNOVA INC.  
 PROJ: 656 RICHTER  
 ATTN: I.PIRIE/G.EVANS/K.CURTIS

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

FILE NO: 0V-0475-RJ2+3  
 DATE: 90/05/18  
 \* ROCK \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
OGDG002	1.0	9	15	4	1	5	
ORRCG002	.7	11	23	5	1	5	30
ORRCG003	.8	6	30	10	1	36	5
ORRCG004	.9	12	28	9	1	31	5
ORRCG005	1.2	10	3	5	1	5	475
ORRCG006	9.0	11	14	200	1	353	1020
ORRCG008	.8	10	18	14	1	10	5
ORRCG009	.6	13	4	7	1	5	5
ORRCG010	.7	13	4	14	1	5	5
ORRCG011	.8	17	40	16	1	12	5
ORRCG012	1.1	14	29	12	1	26	10
ORRCG013	1.2	1	34	15	2	40	5
ORRCG014	1.7	7	39	13	2	134	5
ORRCG015	1.6	4	20	13	1	121	5
ORRCG017	1.1	19	3	15	1	31	5
ORRCG018	1.0	20	3	18	1	30	10
ORRCG019	1.0	22	19	7	1	5	5
ORRCG020	1.1	29	23	14	1	50	5
ORRCG021	.9	22	6	13	1	15	5
ORRCG022	1.1	37	45	19	2	36	5
ORRCG023	.7	19	3	9	1	8	5
ORRCG024	.6	19	18	15	1	49	5
ORRCG025	.7	10	30	8	1	34	5
ORRCG026	.2	7	8	7	1	5	5

MAY 22 1990

Ans'd .....

Geochemical Analysis Certificate

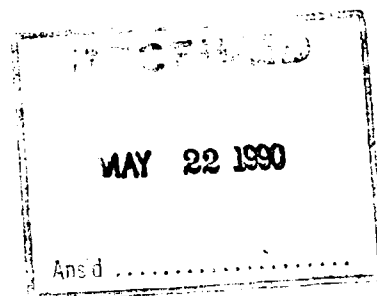
OV-0475-RG1

Company: **MINNOVA INC.**  
Project: 656 RICHTER  
Attn: I. PIRIE/G. EVANS/K. CURTIS

Date: **MAY-18-90**  
Copy 1. MINNOVA INC., VANCOUVER, B.C.  
2. MINNOVA INC., PENTICTON, B.C.

*We hereby certify* the following Geochemical Analysis of 1 ROCK samples submitted MAY-11-90 by K. CURTIS.

Sample Number	AU-FIRE PPB
OGDG002	2



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

MIN-EN LABORATORIES





**MIN  
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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

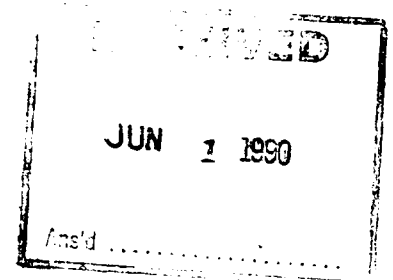
OV-0540-RA1

Company: **MINNOVA INC.**  
Project: **RICHTER 656**  
Attn: **I. PIRIE/K. CURTIS**

Date: **MAY-30-90**  
Copy 1. **MINNOVA INC., VANCOUVER, B.C.**  
2. **MINNOVA INC., PENTICTON, B.C.**

**We hereby certify the following Assay of 1 ROCK samples  
submitted MAY-23-90 by K. CURTIS.**

Sample Number	LOI %
ORLCL001	1.80



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

MIN-EN LABORATORIES

COMP: MINNOVA INC.  
 PROJ: RICHTER 656  
 ATTN: I.PIRIE/K.CURTIS

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

FILE NO: OV-0540-RL1  
 DATE: 90/05/30  
 \* ROCK \* (ACT:FIRE)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SI02 %	TIO2 %	S %	TOT(%) %
ORLCL001	7.72	.010	11.87	24.00	.40	8.47	.38	.90	.23	40.93	2.11	.11	97.13

**RECEIVED**  
 JUN 1 1990  
 And .....



COMP: MINNOVA INC.  
PROJ: RICHTER 656  
ATTN: I.PIRIE/K.CURTIS

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

FILE NO: 0V-0540-RJ1  
DATE: 90/05/30  
\* ROCK \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
ORLCL001	1.2	1	17	26	27	2	34	25

JUN 2 1990  
Ans'd

COMP: MINNOVA INC.  
 PROJ: RICHTER 656  
 ATTN: I.PIRIE/K.CURTIS

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

FILE NO: 0V-0533-RJ2  
 DATE: 90/05/28  
 \* ROCK \* (ACT:F31)

SAMPLE NUMBER	AG PPM	CU PPM	PB PPM	ZN PPM	AU PPB
ORRCG027	.1	13	15	5	3
ORRCG028	.1	8	66	15	9
ORRCG029	.1	23	14	11	10
ORRCG031	3.0	88	15	66	2
ORRCG032	.5	30	18	22	2
ORRCG033	.2	38	38	18	6
ORRCG034	1.0	40	19	81	1
ORRCG035	.2	9	61	12	4
ORRCG037	.1	4	6	5	3

JUN 7 1990

Assay Certificate

OV-0533-RA1

Company: **MINNOVA INC.**  
 Project: RICHTER 656  
 Attn: I. PIRIE/K. CURTIS

Date: **MAY-26-90**  
 Copy 1. MINNOVA INC., VANCOUVER, B.C.  
 2. MINNOVA INC., PENTICTON, B.C.

*We hereby certify* the following Assay of 1 ROCK samples  
 submitted MAY-22-90 by K. CURTIS.

Sample Number	CU %	PB %	ZN %	AG g/tonne	AG oz/ton	AU g/tonne	AU oz/ton
ORGCA036	.001	.01	.01	0.4	.01	.02	.001

RECEIVED  
 JUN 1 1990  
 Ans'd .....

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







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TELEPHONE: (705) 264-9996

Assay Certificate

0V-0529-RA1

Company: **MINNOVA INC.**  
Project: **RICHTER 656**  
Attn: **I. PIRIE/K. CURTIS**

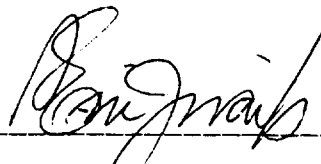
Date: **MAY-29-90**  
Copy 1. **MINNOVA INC., VANCOUVER, B.C.**  
2. **MINNOVA INC., PENTICTON, B.C.**

*We hereby certify* the following Assay of 1 ROCK samples  
submitted MAY-21-90 by K. CURTIS.

Sample Number	LOI %
ORRCL039	1.50

JUN 1 1990  
Ans'd .....

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



MIN-EN LABORATORIES

Assay Certificate

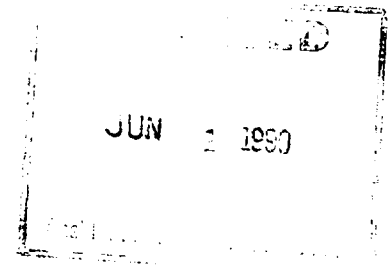
OV-0540-RA1

Company: **MINNOVA INC.**  
Project: **RICHTER 656**  
Attn: **I. FIRIE/K. CURTIS**

Date: **MAY-30-90**  
Copy 1. **MINNOVA INC., VANCOUVER, B.C.**  
2. **MINNOVA INC., PENTICTON, B.C.**

**He hereby certify** the following Assay of 1 ROCK samples  
submitted **MAY-23-90** by **K. CURTIS**.

Sample Number	LOI %
ORLCL001	1.80



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

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

FILE NO: 0V-0540-RL1  
 DATE: 90/05/30  
 \* ROCK \* (ACT: FIRE)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SiO2 %	TiO2 %	S %	TOT(%) %
ORLCL001	7.72	.010	11.87	24.00	.40	8.47	.38	.90	.23	40.93	2.11	.11	97.13

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FILE NO: OV-0540-RJ1  
DATE: 90/05/30  
\* ROCK \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
ORLCL001	1.2	1	17	26	27	2	34	25

JUN 3 1990

COMP: MINNOVA INC.  
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 ATTN: I.PIRIE/K.CURTIS

**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-0540-RJ2  
 DATE: 90/05/28  
 \* ROCK \* (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
ORLCG002	.8	14	13	74	13	1	24	2
ORLCG003	1.3	1	123	17	10	1	43	1
ORLCG004	.1	2	52	5	7	1	19	1
ORLCG005	.1	1	70	15	7	1	7	73
ORLCG006	.1	1	125	18	9	1	17	60
ORLCG007	.1	1	131	7	6	1	6	96
ORLCG008	2.4	1	113	48	8	1	55	1
ORLCG009	.1	1	82	17	8	1	21	22
ORLCG010	.1	1	110	44	10	1	22	77
ORLCG011	.1	1	99	17	10	1	21	3
ORLCG012	.1	1	87	10	9	1	26	1
ORRHG001	.1	12	144	42	13	1	33	1
ORRHG002	.1	18	30	19	15	1	10	2
ORRHG003	.1	18	89	14	19	1	38	3
ORRHG004	3.3	3	33	24	3	1	40	1
ORRHG005	1.9	1	217	93	9	1	69	2
ORRHG007	1.8	6	167	12	16	2	53	1
ORRHG008	.4	18	57	22	17	1	15	2
ORRHG010	.1	16	59	20	17	1	20	1

JUN 7 1990