

FL023 76.21
 COMPANY: MINNOVA INC. 76.28
 PROJECT NO: 655 87.15
 ATTENTION: G. EVANS 97.54

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

(ACT:F26) PAGE 1 OF 2
 FILE NO: 9/V/0292/R/L/002
 * TYPE ROCK GEOCHEM * DATE: 05-04-1989

(VALUES IN %)	AL2O3	BAT	CAO	FE2O3	K2O	MGO	MNO2	NA2O	P2O5	SI02	TIO2	S
FL014	8.90	.020	8.30	3.43	.43	1.68	.16	.02	.09	63.90	.30	.60
QM FL015	17.25	.049	9.19	7.64	1.72	3.38	.15	3.28	.24	53.26	-.72	.50
FL016	16.40	.150	7.15	9.03	2.34	4.49	.17	3.90	.29	51.07	.87	.60
QM FL017	15.50	.109	5.99	2.64	1.40	1.64	.04	1.91	.06	56.66	-.32	.60
FL018	15.31	.113	2.63	2.86	3.23	.44	.02	4.05	.03	67.64	.29	.70
GD - FL019	15.14	.067	7.61	5.91	2.14	2.84	.21	3.40	.19	55.75	.55	.80
FL020	14.90	.102	2.54	2.49	3.49	.89	.04	3.58	.05	67.37	.31	.60
FL021	19.12	.037	10.27	5.95	1.29	2.79	.09	3.82	.22	51.06	.84	.90
FL022	15.93	.160	6.53	6.85	3.26	3.75	.13	3.74	.40	55.27	.94	.70
FL023	16.44	.174	4.35	4.67	4.96	2.23	.09	3.64	.26	58.49	.71	.60
FL024	16.29	.174	4.20	4.73	4.78	2.17	.09	3.46	.26	59.39	.68	.05
FL025	16.46	.182	4.18	4.84	4.81	1.90	.16	3.60	.28	59.98	.71	.06
FL026	14.51	.106	1.94	2.22	3.86	.65	.04	3.68	.03	70.16	.29	.06

826301
 Ferraux
 92E/5W

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F26) PAGE 2 OF 2

PROJECT NO: 655

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

FILE NO: 9/V/0292/R/L/002

ATTENTION: G.EVANS

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

* TYPE ROCK GEOCHEM * DATE: 05-04-1989

(VALUES IN %)	TOT(%)
FL014	87.83
FL015	97.36
FL016	96.46
FL017	86.87
FL018	97.31
FL019	94.60
FL020	96.36
FL021	96.40
FL022	97.64
FL023	96.61
FL024	96.28
FL025	97.19
FL026	97.54



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

Geochemical Analysis Certificate 9/V/0272/R/G/001

Company: MINNOVA INC.
Project: 655
Attn: G.EVANS

Date: MAY-04-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 13 ROCK GEOCHEM samples submitted APR-25-89 by N.GIBSON.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB
FG031	27	15	57	0.6	5
FG032	34	9	24	0.4	5
FG033	24	7	31	0.3	5
FG034	29	6	20	0.4	5
FG035	72	12	79	0.6	5

FG036	33	9	68	0.8	5
FG037	37	11	83	0.7	5
FG038	64	10	104	0.7	5
FG039	18	4	102	0.3	5
FG040	9	6	7	0.3	5

FG041	8	8	38	0.4	5
FG042	16	5	41	0.4	5
FG043	16	15	73	0.7	5

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(VALUES IN %)	AL2O3	BAT	CAO	FE2O3	K2O	MGO	MNO2	NA2O	P2O5	SI02	TIO2	S
FL001	16.92	.121	6.37	6.43	2.72	2.45	.15	3.60	.17	58.22	.59	.06
FL002	14.37	.088	2.15	2.39	3.26	1.03	.05	3.00	.05	68.20	.28	.07
FL003	12.97	.092	1.75	1.73	3.68	.35	.03	3.29	.03	73.37	.25	.06
M - FL004	14.23	.099	2.38	2.25	3.54	.54	.05	3.31	.03	69.50	.28	.08
FL005	16.64	.115	4.27	4.07	2.38	1.58	.10	3.98	.10	63.17	.43	.07
QM - FL006	17.12	.085	4.15	4.66	2.03	1.63	.09	4.86	.11	62.80	-.47	.09
FL007	16.83	.160	3.18	5.58	3.35	1.83	.16	3.13	.18	61.01	.56	.07
FL008	16.61	.047	1.26	2.85	6.77	.61	.07	4.52	.05	64.85	.55	.08
QM - FL009	17.82	.112	6.53	3.79	2.74	1.85	.07	3.72	.11	61.15	-.41	.64
FL010	17.95	.085	6.22	3.86	2.07	1.79	.08	4.02	.14	60.17	.45	.18
QM - FL011	15.14	.057	6.79	3.29	1.52	1.79	.05	2.53	.09	66.52	-.54	1.16
FL012	14.60	.089	11.54	4.94	2.79	2.05	.12	.68	.17	60.00	.53	1.70
FL013	15.25	.039	13.70	7.55	1.53	3.17	.22	3.80	.14	47.52	.65	5.10



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Geochemical Analysis Certificate

9/V/0292/R/G/002

Company: MINNOVA INC.
Project: 655
Attn: G.EVANS

Date: MAY-04-89

Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 20 ROCK samples submitted MAY-02-89 by G.EVANS.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPM
FG074	17	15	62	0.4	5
FG075	18	6	44	0.2	5
FG076	43	12	60	0.4	5
FG077	5	5	8	0.1	5
FG078	4	12	93	0.4	5
FG079	5	4	44	0.2	5
FG080	24	11	43	0.2	5
FG081	7	6	5	0.2	5
FG082	4	21	43	0.1	5
FG083	143	10	45	0.8	20
FG084	9	11	64	0.3	5
FG085	37	10	52	0.2	5
FG086	13	15	57	0.3	5
FG087	10	50	66	0.4	5
FG088	12	25	58	0.2	5
FG089	39	4	10	0.4	65
FG090	68	16	275	1.1	5
FG091	53	14	240	0.8	5
FG092	63	15	390	1.0	10
FG093	103	5	17	0.6	5

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Geochemical Analysis Certificate

9/V/0292/R/G/001

Company: MINNOVA INC.
Project: 655
Attn: G.EVANS

Date: MAY-04-89

Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 30 ROCK samples submitted MAY-02-89 by G.EVANS.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU PPB
FG044	21	33	52	0.4	5
FG045	45	10	47	0.4	5
FG046	14	9	43	0.2	5
FG047	680	14	25	0.5	5
FG048	16	15	54	0.2	5
FG049	18	14	52	0.3	5
FG050	10	7	38	0.3	5
FG051	22	14	57	0.4	5
FG052	15	23	70	0.5	5
FG053	13	11	57	0.5	5
FG054	10	4	60	0.2	5
FG055	17	10	33	0.4	5
FG056	17	6	74	0.3	5
FG057	23	22	35	0.4	5
FG058	19	16	71	0.4	5
FG059	10	12	65	0.2	5
FG060	164	54	35	0.7	5
FG061	150	8	33	0.6	340
FG062	40	7	26	0.2	5
FG063	20	5	35	0.2	5
FG064	32	8	26	0.2	60
FG065	113	7	25	0.3	5
FG066	4	27	64	0.2	5
FG067	22	6	44	0.1	5
FG068	19	3	45	0.2	5
FG069	24	5	59	0.2	5
FG070	18	3	43	0.2	5
FG071	17	5	42	0.1	5
FG072	18	4	45	0.1	5
FG073	9	6	42	0.5	5

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Geochemical Analysis Certificate

9/V/0272/R/G/001

Company: MINNOVA INC.
Project: 655
Attn: G.EVANS

Date: MAY-03-89

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2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 30 ROCK GEOCHEM samples submitted APR-25-89 by N.GIBSON.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU PPB
FG001	24	6	18	0.3	5
FG002	83	13	43	0.6	5
FG003	16	9	35	0.4	5
FG004	76	14	164	0.8	5
FG005	152	22	46	2.3	10
FG006	16	8	43	0.4	5
FG007	22	9	39	0.5	5
FG008	46	3	11	0.3	5
FG009	34	12	62	0.7	5
FG010	97	10	30	0.9	5
FG011	88	11	37	1.0	5
FG012	26	9	76	0.9	5
FG013	89	12	51	0.9	5
FG014	18	16	73	0.6	5
FG015	19	7	55	0.4	5
FG016	21	6	49	0.3	5
FG017	18	8	52	0.3	5
FG018	29	14	66	0.8	5
FG019	26	13	69	0.8	5
FG020	29	13	61	0.7	5
FG021	7	41	129	1.9	10
FG022	9	24	248	1.2	5
FG023	342	16	42	1.2	15
FG024	21	11	68	0.7	5
FG025	53	14	132	0.8	5
FG026	12	6	48	0.4	5
FG027	12	8	71	0.7	5
FG028	18	8	24	0.5	5
FG029	57	7	21	0.4	50
FG030	188	8	9	0.8	340

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(VALUES IN PPM)	AG	AS	BA	CU	PB	SB	ZN	AU-PPB
Gd FL001 <i>fresh</i>	.4	1	72	67	27	1	54	5
Md FL002 <i>fresh</i>	.4	1	186	23	21	1	53	5
Md FL003 <i>fresh</i>	.2	9	77	25	11	1	39	10
Md FL004 <i>columnar</i>	.3	11	129	24	19	1	60	5
Gd FL005	.3	10	67	16	30	4	58	5
Qm FL006	.5	1	78	8	30	4	50	5
Md FL007 <i>clay alt</i>	.4	1	79	18	29	3	71	5
Md FL008	.5	15	65	8	19	3	45	5
Qm FL009	.4	23	46	93	24	2	37	10
Grosser FL010	.5	65	57	75	23	4	32	20
Qm FL011	.6	31	24	65	19	2	70	5
A ✓ FL012	1.4	18	35	98	18	2	70	5
A ✓ FL013	1.0	10	9	103	32	4	52	5

(VALUES IN %)	TOT(%)
FL001	97.80
FL002	94.93
FL003	97.60
FL004	96.28
FL005	96.91
FL006	98.08
FL007	96.03
FL008	98.28
FL009	98.95
FL010	97.01
FL011	99.48
FL012	99.21
FL013	98.68

(VALUES IN PPM)	AG	AS	BA	CU	PB	SB	ZN	AU-PPB
Gd FL014 <i>Brugh</i>	.5	17	6	15	29	7	35	5
am FL015 <i>fresh</i>	.5	10	89	27	31	3	54	5
am FL016 <i>alt</i>	.8	11	62	83	34	6	50	5
am ✓ FL017 <i>alt</i>	.6	1	775	24	29	1	57	5
nd FL018 <i>Fresh</i>	.5	4	87	20	12	2	47	5
Gd FL019 <i>schistose</i>	.7	9	24	44	34	6	80	10
nd ✓ FL020 <i>alt</i>	.3	12	120	46	17	3	46	5
✓ FL021 <i>gossan</i>	.6	12	15	107	10	2	18	5
? FL022 <i>gossan</i>	.4	13	110	19	23	4	54	5
✓ FL023 <i>nd</i>	.4	12	452	15	31	4	60	5
nd ✓ FL024	.3	3	320	13	32	3	54	5
nd ✓ FL025	.2	4	462	17	20	2	63	5
nd FL026	.2	10	125	12	14	2	47	5



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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate 9/V/0364/S/G/001

Company: **MINNOVA INC.**
Project: 655
Attn: G. EVANS

Date: **MAY-28-89**
Copy 1. **MINNOVA INC., VANCOUVER, B.C.**
2. **MINNOVA INC., PENTICTON, B.C.**

We hereby certify the following Geochemical Analysis of 30 SOIL samples submitted MAY-22-89 by W. HINDLEY.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB	AS PPM	HG PPB
F-101	14	9	117	0.6	10	15	5
F-102	6	10	96	0.6	5	3	15
F-103	8	19	102	0.3	5	11	10
F-104	8	13	63	0.4	5	2	5
F-105	12	10	66	0.4	5	6	15

F-106	8	7	57	0.3	5	3	5
F-107	8	9	51	0.4	5	5	5
F-108	6	5	58	0.5	5	3	10
F-109	6	6	64	0.3	5	1	5
F-110	7	6	39	0.4	5	2	5

F-111	8	9	72	0.4	5	2	5
F-112	9	9	64	0.5	10	1	5
F-201	9	8	84	0.6	40	12	5
F-202	38	10	89	0.7	15	19	5
F-203	11	10	86	0.5	10	5	20

F-204	12	9	93	0.7	5	4	15
F-205	6	8	45	0.6	15	1	5
F-206	8	7	54	0.6	5	4	15
F-207	8	7	81	0.6	5	3	10
F-208	11	8	105	0.7	5	8	15

F-209	9	12	66	0.5	5	4	5
F-210	7	8	43	0.4	5	1	5
F-211	8	5	23	0.3	5	2	10
F-212	6	9	55	0.4	5	3	20
F-301	7	9	76	0.6	5	5	5

F-302	16	11	59	0.6	5	5	5
F-303	78	14	58	1.1	10	27	15
F-304	16	9	79	0.8	5	5	20
F-305	6	7	88	0.6	5	3	10
F-306	7	4	81	0.4	15	5	5

Certified by Pat Rafferty
MIN-EN LABORATORIES



Geochemical Analysis Certificate 9/V/0364/S/G/002

Company: **MINNOVA INC.**
Project: 655
Attn: G. EVANS

Date: **MAY-28-89**
Copy 1. **MINNOVA INC., VANCOUVER, B.C.**
2. **MINNOVA INC., PENTICTON, B.C.**

We hereby certify the following Geochemical Analysis of 18 SOIL samples submitted MAY-22-89 by W.HINDLEY.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB	AS PPM	HG PPB
F-307	41	8	56	0.5	10	33	25
F-308	9	12	64	0.6	5	3	20
F-309	5	8	96	0.4	5	2	25
F-310	4	4	23	0.2	5	1	5
F-311	8	9	42	0.3	5	2	15

F-312	5	10	67	0.3	5	4	15
F-401	13	9	46	0.4	5	2	25
F-402	6	8	58	0.3	5	1	15
F-403	6	9	139	0.4	5	5	5
F-404	4	8	82	0.4	5	3	15

F-405	8	11	51	0.5	10	4	10
F-406	5	9	39	0.2	5	3	20
F-407	6	10	72	0.6	5	5	25
F-408	7	9	52	0.3	5	2	30
F-409	7	21	129	0.4	10	4	45

F-410	6	15	164	0.4	5	5	40
F-411	3	5	32	0.3	5	1	25
F-412	4	9	65	0.4	10	4	35

Certified by Pat Jaffray
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Geochemical Analysis Certificate

9V-0460-SG1

Company: MINNOVA INC.
Project: 655
Attn: I. PIRIE/G. EVANS

Date: JUN-15-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 30 SOIL samples submitted JUN-08-89 by KEVIN LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB	AS PPM	HG PPB
F-12101	10	10	81	0.6	5	3	65
F-12102	10	6	71	0.4	5	1	35
F-12103	5	8	80	0.2	5	1	25
F-12104	7	6	55	0.2	10	1	20
F-12105	5	4	40	0.2	5	1	30

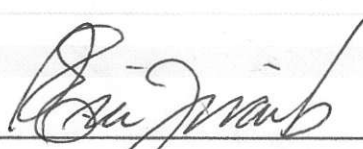
F-12106	8	4	43	0.1	10	1	25
F-12107	13	4	40	0.3	5	5	15
F-12108	10	8	62	0.4	5	5	20
F-12109	10	8	51	0.2	5	5	15
F-12110	6	6	60	0.2	10	3	30

F-12111	8	10	120	0.5	5	2	25
F-12112	22	12	73	0.4	5	2	35
F-12113	4	5	45	0.3	5	1	15
F-12114	5	9	58	0.2	5	1	30
F-12115	6	4	66	0.3	10	2	35

F-12701	9	15	92	1.0	5	7	55
F-12702	7	6	128	0.4	5	3	30
F-12703	9	6	93	0.4	5	6	35
F-12704	10	8	94	0.3	5	4	45
F-12705	8	6	70	0.2	5	2	40

F-12706	8	5	55	0.3	10	6	35
F-12707	8	8	57	0.2	5	3	20
F-12708	6	6	63	0.3	5	4	30
F-12709	6	8	38	0.4	5	8	30
F-12710	5	6	54	0.2	5	4	35

F-12711	6	7	49	0.4	10	3	45
F-12712	6	8	43	0.2	5	2	20
F-12713	11	6	46	0.4	10	10	30
F-12714	22	8	51	0.3	10	16	35
F-12715	8	10	104	0.4	5	3	40

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Geochemical Analysis Certificate

9V-0460-SG2

Company: MINNOVA INC.
Project: 655
Attn: I. PIRIE/G. EVANS

Date: JUN-15-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 17 SOIL samples submitted JUN-08-89 by KEVIN LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-WET PPB	AS PPM	HG PPB
F-12716	6	12	41	0.4	5	2	25
F-15001	9	9	65	0.4	5	2	40
F-15002	8	10	71	0.6	10	2	35
F-15003	6	4	29	0.2	5	2	25
F-15004	10	8	35	0.2	5	1	15

F-15005	6	6	52	0.3	5	2	35
F-15006	8	4	47	0.2	5	4	20
F-15007	14	4	67	0.3	10	14	30
F-15008	7	6	114	0.2	5	4	25
F-15009	12	4	58	0.2	10	3	25

F-15010	8	4	85	0.2	10	3	15
F-15011	10	2	60	0.2	5	3	15
F-15012	10	4	59	0.3	10	4	20
F-15013	9	4	49	0.2	5	5	15
F-15014	82	8	72	0.6	10	62	25

F-15015	5	2	29	0.2	5	4	10
F-15016	9	4	73	0.4	5	5	25

Certified by _____

[Handwritten Signature]
MIN-EN LABORATORIES