

**MINERAL
• ENVIRONMENTS
LABORATORIES**

Canamera Option
92B/13
827592

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

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

Canamera

Geochemical Analysis Certificate

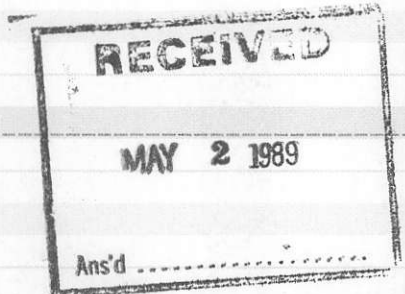
9/V/0263/R/G/002

Company: MINNOVA INC.
Project: 226
Attn: G.WELLS/I.PIRIE

Date: APR-26-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 23 ROCK GEOCHEM samples submitted APR-21-89 by G.WELLS.

Sample Number	CU PPM	ZN PPM	AG PPM	BA PPM	AU-WET PPB
11489	520	343	1.4		20
11490	219	289	1.0		5
11491	323	387	1.1		5
11492	491	80	0.7		5
11493	1800	73	1.8		110
11494	69	29	1.0		10
11495	2700	22	1.8		20
11496	221	76	0.8	430	5
11497	159	72	1.0	440	5
11498	58	63	0.7	360	5
11499	102	118	1.3		5
11500	49	101	0.7	1430	5
12726	42	42	0.6	1700	5
12727	52	28	0.5	940	5
12728	18	145	0.6	1400	5
12729	24	94	0.7	1360	5
12730	27	95	0.7	1220	5
12731	74	54	1.3		5
12732	56	49	1.0		5
12733	32	88	1.6	240	20
12734	14	93	1.5		10
12735	519	72	1.3		10
12736	224	28	0.9		5



Certified by

[Signature]
MIN-EM LABORATORIES

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 226

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

FILE NO: 9/V/0263/R/J/001

ATTENTION: G.WELLS/I.PIRIE

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

* TYPE ROCK GEOCHEM * DATE: 04-26-1989

(VALUES IN PPM)	AG	AS	BA	CU	PB	SB	ZN	AU-PPB
6747	1.0	27	86	138	24	2	100	5
6748	1.2	14	123	174	29	2	86	5
6749	.8	16	113	31	28	2	52	5
6750	.2	39	76	17	13	1	13	5
11507	.4	31	126	74	19	2	42	5
11508	.9	27	40	71	24	2	63	5
11509	.8	26	325	38	23	2	43	5
11510	.3	40	162	22	16	1	36	5
11511	.2	43	92	31	13	1	22	5
11512	.4	35	78	31	15	1	38	5
11513	.2	48	112	26	28	1	107	5
11514	.6	39	58	13	11	1	22	5
11515	.3	55	41	13	15	1	27	5
11516	1.2	21	33	72	20	2	65	5
11517	.4	45	155	19	13	1	29	5
11518	.6	26	116	83	22	2	55	5
11519	.9	13	45	42	26	1	37	5
11520	1.0	25	37	175	21	2	32	5
11521	1.2	12	39	194	25	2	75	5
11522	.8	21	70	60	28	2	59	5
11523	.4	33	128	14	20	2	30	5
11524	.4	46	125	17	11	1	18	5
11525	.5	34	107	25	13	1	21	5
11551	1.3	20	13	120	15	2	41	5

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F26) PAGE 1 OF 2

PROJECT NO: 226

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

FILE NO: 9/V/0263/R/L/001

ATTENTION: G.WELLS/I.PIRIE

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

* TYPE ROCK GEOCHEM * DATE: 04-26-1989

(VALUES IN %)	AL2O3	BAT	CAO	FE2O3	K2O	MGO	MNO2	NA2O	P2O5	SI02	TIO2	S
6747	16.64	.035	6.76	9.11	.87	5.43	.33	3.95	.13	51.73	.63	.07
6748	14.83	.027	4.99	12.06	.82	6.57	.36	1.31	.12	50.97	.60	1.18
6749	17.12	.029	3.61	8.92	.43	5.28	.19	4.25	.06	54.87	.59	.31
6750	13.84	.024	2.07	2.62	.71	1.36	.06	5.91	.01	70.10	.26	.06
11507	13.19	.082	.72	4.62	2.15	3.10	.10	1.84	.05	69.39	.29	1.17
11508	16.76	.036	2.84	8.63	.96	4.85	.19	4.16	.14	55.74	.64	.64
11509	18.57	.094	3.32	7.58	3.76	4.71	.12	3.23	.23	51.60	.87	.05
11510	14.67	.082	.86	3.35	3.96	1.52	.08	3.76	.05	68.78	.35	.05
11511	14.82	.079	1.48	3.15	2.61	1.25	.06	3.38	.04	69.64	.30	.06
11512	14.55	.064	1.71	3.07	2.52	1.79	.05	2.87	.03	69.56	.32	.06
11513	13.28	.095	2.04	2.36	3.30	.51	.02	2.90	.02	71.29	.25	1.40
11514	14.22	.079	3.28	3.34	4.70	1.23	.10	2.67	.03	65.99	.35	.06
11515	14.37	.117	.82	1.67	6.10	.81	.03	2.05	.01	70.80	.19	.07
11516	18.04	.054	5.65	8.46	1.34	4.71	.12	4.36	.23	51.30	.86	.08
11517	16.25	.108	2.62	3.07	3.42	2.03	.07	2.84	.07	64.32	.29	.06
11518	16.57	.089	8.79	7.69	1.26	4.22	.18	3.52	.26	51.31	.78	.09
11519	14.48	.040	13.52	6.98	.89	3.62	.11	2.86	.19	48.52	.81	.28
11520	19.31	.043	6.42	9.66	1.75	6.12	.21	2.03	.22	47.01	.88	1.32
11521	15.64	.013	6.18	10.12	.11	5.71	.31	2.45	.12	53.80	.59	.70
11522	15.68	.050	4.76	10.41	.74	5.66	.26	2.29	.16	53.84	.57	1.40
11523	13.68	.112	.78	3.72	2.23	3.26	.10	2.41	.04	69.71	.30	.07
11524	12.81	.111	.62	5.02	2.05	1.59	.04	2.61	.01	70.80	.31	2.70
11525	14.84	.100	2.62	4.18	1.33	2.52	.04	4.16	.07	65.82	.35	.76
11531	14.28	.016	12.64	9.42	.58	6.53	.22	3.47	.22	40.51	.73	.07