

**MINERAL
• ENVIRONMENTS
LABORATORIES**
(DIVISION OF ASSAYERS CORP.)

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
FAX (604) 980-9621

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

823371

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

Assay Certificate

OV-1652-RA2

Company: MINNOVA INC.
Project: ATHELSTAN JACKPOT
Attn: I. PIRIE/C. CLAYTON

Date: NOV-01-90

Copy 1: MINNOVA INC., VANCOUVER, B.C.
2. C. CLAYTON, VANCOUVER, B.C.

RECEIVED
NOV 5 1990
And

We hereby certify the following Assay of 1 ROCK samples
submitted OCT-24-90 by C. CLAYTON.

Sample Number	AU g/tonne	AU oz/ton
BCD14107	2.71	.079

Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC.
 PROJ: ATHELSTAN.JACKPOT
 ATTN: I. PIRIE/C. CLAYTON

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-1652-RJ1+2
 DATE: 90/11/01
 * ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	K PPM	MN PPM	MO PPM	NA PPM	NI PPM	PB PPM	SB PPM	ZN PPM	CR PPM	AU PPB
BCD13986	2.3	1	57	90	600	1	20	1032	2	1	58	736	10
BCD13987	1.8	1	150	110	541	1	10	1643	2	1	39	665	5
BCD13988	1.9	1	46	1260	667	1	980	45	10	1	34	89	5
BCD13997	1.4	1	149	990	245	1	3740	38	14	1	10	42	10
BCD13998	2.3	1	230	290	971	1	540	3	3	1	35	18	5
BCD13999	1.5	1	49	50	481	1	30	844	2	1	26	647	5
BCD14102	1.7	22	68	1600	284	2	770	50	9	1	22	152	5
BCD14104	1.9	1	49	1440	284	5	1810	27	7	1	19	132	5
BCD14105	2.6	1	27	5800	518	1	2320	13	19	1	65	126	5
BCD14106	3.4	1	15	110	642	1	70	234	116	1	776	78	5
BCD13989	2.9	1	114	250	1709	1	70	749	22	1	219	550	2
BCD13990	2.9	1	9	120	1985	1	80	441	6	1	437	143	1
BCD13991	2.8	1	17	40	1164	1	20	634	4	1	59	288	1
BCD13992	3.1	1	51	200	1264	1	30	305	4	1	94	260	2
BCD13993	1.7	1	10	2370	823	1	50	84	83	2	386	48	24
BCD13994	2.1	117	88	170	1566	1	40	366	15	2	44	330	2
BCD13995	3.0	1	13	50	189	1	40	260	4	1	84	102	1
BCD13996	1.9	5	119	2180	1019	1	50	413	50	1	181	230	16
BCD14000	1.2	1	15	50	373	1	10	675	4	1	29	422	2
BCD14101	2.5	1	16	90	1856	1	30	710	4	1	249	266	1
BCD14103	1.6	26	1575	880	136	8	330	15	27	1	16	95	12
BCD14107	28.7	7049	1528	590	4720	2	50	913	1223	66	1086	548	2700

*Qz Vn
 Flt Gouge
 32*

Assay Certificate

OV-1652-RA1

Company: **MINNOVA INC.**
Project: **ATHELSTAN JACKPOT**
Attn: **I. PIRIE/C. CLAYTON**

Date: **NOV-01-90**
Copy 1. **MINNOVA INC., VANCOUVER, B.C.**
2. **C. CLAYTON, VANCOUVER, B.C.**

We hereby certify the following Assay of 10 ROCK samples
submitted OCT-24-90 by C. CLAYTON.

Sample Number	LOI %
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BCD13986	28.70
BCD13987	13.30
BCD13988	3.50
BCD13997	3.10
BCD13998	4.00

BCD13999	27.30
BCD14102	1.70
BCD14104	1.05
BCD14105	1.75
BCD14106	39.90

Certified by _____



MIN-EN LABORATORIES

P: MINNOVA INC.
 X0J: ATHELSTAN.JACKPOT
 ATTN: I. PIRIE/C. CLAYTON

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-1652-RL1
 DATE: 90/11/01
 * ROCK * (ACT:F26)

Catb.
 Serp.
 Serp.
 Dior.
 Dior/Gab.
 Ands.
 List
 Ands.
 Ands.
 Dior/Ands.
 List

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SI02 %	TIO2 %	S %	TOT(%) %
BCD13986	1.66	.020	3.39	6.26	.01	26.19	.11	.01	.03	31.93	.04	.21	98.55
BCD13987	.95	.005	.01	8.09	.01	36.74	.12	.01	.07	38.92	.01	.28	98.49
BCD13988	16.55	.040	12.28	9.76	1.25	5.89	.19	2.82	.12	46.08	.77	.09	99.34
BCD13997	18.95	.010	15.24	5.88	1.09	6.99	.10	1.86	.01	45.67	.08	.72	99.69
BCD13998	13.87	.010	6.76	9.91	.20	4.00	.19	5.35	.01	54.07	.62	.05	99.02
BCD13999	1.08	.005	.01	6.34	.01	30.95	.08	.02	.07	32.78	.02	.14	98.78
BCD14102	14.43	.170	4.23	4.64	3.43	2.43	.04	2.49	.01	64.83	.63	.12	99.13
BCD14104	15.98	.170	6.81	3.76	3.13	2.07	.06	2.76	.01	62.50	.67	.06	99.00
BCD14105	13.94	.150	9.02	6.71	3.74	4.84	.12	2.90	.45	54.36	.95	.02	98.95
BCD14106	.74	.005	23.86	3.04	.01	18.27	.10	.01	.09	12.78	.03	.06	98.88



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TELEPHONE/FAX (604) 847-3004

Assay Certificate

OV-1682-RA2

Company: MINNOVA INC.
Project: ATHELSTAN JACKPOT 666
Attn: I. PIRIE/ L. LEE

Date: NOV-09-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., GREENWOOD, B.C.

We hereby certify the following Assay of 1 ROCK samples
submitted NOV-01-90 by L. LEE.

Sample Number	AU g/tonne	AU oz/ton
BCS13978	4.20	.123

Certified by _____

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Assay Certificate

OV-1682-RA1

Company: MINNOVA INC.
Project: ATHELSTAN JACKPOT 666
Attn: I. PIRIE/ L. LEE

Date: NOV-09-90

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

We hereby certify the following Assay of 5 ROCK samples
submitted NOV-01-90 by L. LEE.

Sample Number	LOI %
BCS13976	2.30
BCS13977	13.20
BCS13980	2.50
BCS13983	4.90
BCS13984	2.35

Certified by _____

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Project: ATHELSTAN JACKPOT 666
Attn: I. PIRIE/ L. LEE


Date: NOV-09-90

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2. MINNOVA INC., GREENWOOD, B.C.

He hereby certify the following Assay of 1 ROCK samples
submitted NOV-01-90 by L. LEE.

Sample Number	AU g/tonne	AU oz/ton
BCS13978	4.20	.123

Certified by _____



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