



825494

Jolly Option

Geochem &

Assay Results

1989 82E/3E

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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0807-RG3

Company: MINNOVA INC.
Project: 624
Attn: I. PIRIE/LINDA LEE

Date: AUG-10-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 2 ROCK samples submitted AUG-02-89 by L.LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB	NI PPM	PT-FIRE PPB	CR PPM
BCS18161	6	26	6	0.6	7	710	1	460
BCS18162	30	23	5	0.7	1	640	1	450

Jolly

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Geochemical Analysis Certificate

9V-0781-RG1

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: AUG-03-89
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 JUL-28-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB	NI PPM
BCD19301	38	14	52	0.6	26	21
BCD19302	40	20	72	0.6	24	27
BCD19303	42	26	93	0.9	6	34
BCD19304	44	20	110	1.0	18	22
BCD19305	48	16	172	0.9	7	40

BCD19309	56	20	75	1.0	2	33
BCD19310	39	22	77	1.4	2	39
BCD19311	68	20	86	1.1	1	20
BCD19315	120	29	98	1.5	1	41
BCD19316	38	27	34	1.3	2	330

BCD19317	22	26	23	1.0	1	385
BCD19318	8	20	15	0.6	4	364
BCD19319	13	37	57	1.0	288	400
BCD19321	12	52	54	1.0	399	200
BCD19322	9	23	15	0.7	5	365

BCD19323	8	20	10	0.6	3	332
BCD19324	10	18	11	0.6	5	330
BCD19325	9	19	10	0.7	3	340
BCD19326	6	20	17	0.7	5	360
BCD19327	5	18	12	0.6	7	264

BCD19328	6	18	13	0.5	42	291
BCD19329	9	19	15	0.6	2	315
BCD19331	6	20	17	0.8	6	320
BCD19332	14	21	16	0.6	2	550
BCD19333	24	30	35	0.9	17	870

BCD19334	18	22	31	1.0	4	414
BCD19335	19	19	13	0.6	5	740
BCD19336	17	18	10	0.5	3	715
BCD19338	24	20	72	0.7	2	10
BCD19339	12	19	14	0.5	2	664

Certified by _____

[Handwritten Signature]

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Geochemical Analysis Certificate

9V-0781-RG2

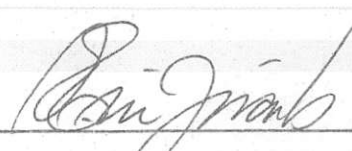
Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: AUG-03-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

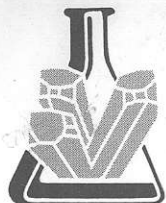
We hereby certify the following Geochemical Analysis of 9 ROCK samples submitted JUL-28-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB	NI PPM
BCD19340	10	22	18	0.6	2	490
BCD19341	12	21	22	0.5	4	395
BCD19342	6	20	16	0.6	10	323
BCD19343	20	24	40	1.0	12	440
BCD19344	31	27	34	0.9	4	432
BCD19346	18	18	47	0.6	1	40
BCD19347	19	30	35	1.0	2	530
BCD19348	30	24	59	1.1	2	255

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Geochemical Analysis Certificate

9V-0741-RG2

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: JUL-28-89

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

We hereby certify the following Geochemical Analysis of 19 CORE samples submitted JUL-23-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCD19276	39	12	65	0.4	2
BCD19277	32	15	60	0.4	1
BCD19278	57	17	91	1.1	1
BCD19279	83	12	63	0.5	2
BCD19281	265	12	35	0.8	2
BCD19282	79	13	78	0.6	1
BCD19283	85	24	111	1.0	2
BCD19284	99	14	98	0.8	1
BCD19285	69	28	143	0.8	3
BCD19287	154	14	650	0.7	3
BCD19288	117	24	132	0.9	3
BCD19290	99	13	63	0.4	2
BCD19291	59	19	30	0.7	1
BCD19292	35	20	28	0.6	1
BCD19293	42	24	45	0.9	2
BCD19294	38	26	36	0.6	4
BCD19297	38	25	34	0.8	1
BCD19299	31	24	39	0.8	34
BCD19300	106	28	47	1.0	211

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Geochemical Analysis Certificate

9V-0741-RG3

Company: MINNOVA INC.
 Project: 628
 Attn: I. PIRIE/G. EVANS

Date: JUL-28-89

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

We hereby certify the following Geochemical Analysis of 2 CORE samples submitted JUL-23-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB	CR PPM	NI PPM	PT-FIRE PPB
BCD19295	15	17	16	1.0	1	430	865	2
BCD19296	14	16	14	0.8	4	400	1120	2

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Geochemical Analysis Certificate

9V-0715-RG2

Company: MINNOVA INC.
 Project: 628
 Attn: I. PIRIE/G. EVANS

Date: JUL-23-89
 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 JUL-19-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCD19202	122	16	54	0.9	2
BCD19203	80	18	125	1.0	3
BCD19204	64	10	96	0.6	1
BCD19205	40	15	78	1.0	1
BCD19207	56	20	49	0.4	1
BCD19209	27	6	25	0.2	2
BCD19210	54	6	76	0.4	2
BCD19211	50	10	68	0.5	3
BCD19212	40	8	74	0.6	1
BCD19213	60	7	100	0.4	1
BCD19214	50	11	73	0.5	1
BCD19215	46	10	55	0.4	2
BCD19219	17	22	125	1.1	1
BCD19221	28	23	109	1.2	1
BCD19222	32	24	84	1.1	1
BCD19223	49	11	56	0.4	3
BCD19224	54	10	70	0.4	2
BCD19225	80	12	65	0.5	4
BCD19227	52	5	40	0.4	1
BCD19228	53	6	44	0.4	2
BCD19229	58	7	70	0.3	3
BCD19231	68	8	34	0.4	5
BCD19232	46	5	61	0.4	1
BCD19233	54	10	67	0.4	3
BCD19234	56	10	70	0.5	2
BCD19236	50	8	40	0.4	4
BCD19237	38	8	52	0.4	30
BCD19238	24	14	117	0.6	41
BCD19239	55	10	64	0.6	5
BCD19240	56	8	51	0.5	5

Certified by *Benjamin*
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Geochemical Analysis Certificate

9V-0715-RG3

Company: MINNOVA INC.
 Project: 628
 Attn: I. PIRIE/G. EVANS

Date: JUL-23-89

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

We hereby certify the following Geochemical Analysis of 14 ROCK samples submitted JUL-19-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCD19241	67	22	60	0.6	5
BCD19242	52	12	48	0.4	2
BCD19243	51	16	74	0.6	3
BCD19244	52	20	82	0.9	5
BCD19245	62	12	55	0.6	1

BCD19246	57	11	55	0.4	3
BCD19247	40	14	75	0.6	1
BCD19248	43	9	65	0.4	2
BCD19249	59	16	81	0.6	2
BCD19250	58	10	56	0.3	1

BCD19252	67	11	70	0.4	3
BCD19253	56	10	121	0.4	1
BCD19254	50	12	80	0.4	1
BCD19255	50	10	49	0.4	1

Certified by *I. Pirie*
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Assay Certificate

9V-0715-RA1

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: JUL-26-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 12 ROCK samples
submitted JUL-19-89 by LINDA LEE.

Sample Number	LOI %
BCD19201	9.80
BCD19206	2.45
BCD19208	1.85
BCD19216	7.70
BCD19217	21.00
BCD19218	6.10
BCD19220	16.65
BCD19226	2.95
BCD19230	11.00
BCD19235	5.30
BCD19251	3.25
BCD19256	14.90

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TELEPHONE: (705) 264-9996

Assay Certificate

9V-0711-RA1

Company: MINNOVA INC.
Project: 62B
Attn: I. PIRIE/G. EVANS

Date: JUL-27-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 4 CORE samples
submitted JUL-18-89 by LINDA LEE.

Sample Number	LOI %
BCD19126	12.60
BCD19130	16.60
BCD19159	17.00
BCD19173	6.60

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Geochemical Analysis Certificate

9V-0711-RG2

Company: MINNOVA INC.
 Project: 628
 Attn: I. FIRIE/G. EVANS

Date: JUL-23-89
 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 JUL-18-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCD19127	308	30	95	1.4	2
BCD19128	12	24	120	1.0	12
BCD19129	62	12	100	0.8	88
BCD19131	8	16	17	0.5	3
BCD19132	5	20	20	0.5	1

BCD19133	9	19	9	0.5	3
BCD19134	17	44	15	0.4	2
BCD19135	13	52	10	0.5	1
BCD19136	7	24	7	0.4	1
BCD19137	12	11	9	0.4	2

BCD19138	7	26	67	1.2	42
BCD19144	4	28	16	0.6	1
BCD19145	3	22	15	0.6	2
BCD19146	4	20	13	0.4	1
BCD19147	6	24	12	0.6	1

BCD19148	5	22	13	0.6	3
BCD19149	2	16	10	0.5	41
BCD19150	6	16	11	0.4	55
BCD19151	19	15	12	0.4	2
BCD19152	22	32	65	0.8	250

BCD19153	14	24	45	0.5	125
BCD19154	16	28	36	0.6	441
BCD19155	71	30	95	0.7	169
BCD19156	24	32	30	0.6	259
BCD19157	26	24	38	0.8	15

BCD19158	7	17	14	0.4	3
BCD19160	2	20	9	0.4	1
BCD19161	3	19	15	0.5	4
BCD19162	4	18	14	0.5	2
BCD19163	15	14	14	0.4	1

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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate 9V-0711-RG3

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: JUL-23-89
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2. MINNOVA INC., PENTICTON, B.C.

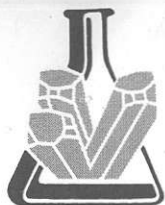
We hereby certify the following Geochemical Analysis of 14 ROCK samples submitted JUL-18-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCD19164	6	18	17	0.8	1
BCD19165	8	17	38	0.9	5
BCD19166	15	12	44	0.6	1
BCD19167	3	11	19	0.7	2
BCD19168	4	14	28	0.8	1

BCD19169	6	10	59	0.6	1
BCD19170	36	16	60	0.9	3
BCD19171	18	14	84	0.8	2
BCD19172	20	12	77	0.7	1
BCD19174	50	13	56	0.8	6

BCD19175	9	20	35	1.0	2
BCD19176	23	14	27	0.8	1
BCD19177	4	18	36	1.0	1
BCD19178	8	20	43	1.1	1

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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0711-RG4

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: JUL-23-89

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

We hereby certify the following Geochemical Analysis of ROCK samples submitted JUL-18-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB	NI PPM	CR PPM	PT-FIRE PPB
BCD19139	6	18	15	0.9	1	1200	510	17
BCD19140	5	20	14	0.8	2	1310	650	14
BCD19141	6	19	18	0.8	20	1430	400	10
BCD19142	7	26	18	0.8	5	1520	530	7
BCD19143	5	25	17	0.7	1	1600	410	11

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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0680-RG1

Company: MINNOVA INC.
Project: 628
Attn: J. PIRIE/B. EVANS

Date: JUL-18-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 24 CORE samples submitted JUL-11-89 by L. LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPR
BCD19076	10	89	63	1.1	20
BCD19077	8	48	75	0.8	87
BCD19079	27	103	33	0.8	97
BCD19080	96	17	18	1.0	3
BCD19081	14	19	12	0.6	2
BCD19082	15	22	12	0.9	4
BCD19083	10	15	13	0.7	2
BCD19084	3	14	13	0.6	2
BCD19085	4	18	12	0.8	3
BCD19086	6	16	17	0.9	2
BCD19087	6	141	23	0.9	2
BCD19089	57	21	95	1.4	1
BCD19090	41	12	77	0.8	1
BCD19091	59	27	78	0.7	4
BCD19092	7	13	35	0.9	23
BCD19093	5	14	20	0.8	2
BCD19094	6	12	17	0.7	1
BCD19095	5	13	14	0.7	2
BCD19096	20	14	38	1.1	4
BCD19097	7	15	16	0.8	9
BCD19099	27	11	14	0.7	2
BCD19100	18	12	68	1.1	4
BCD19101	18	11	26	0.9	1
BCD19102	29	15	34	1.2	2

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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

Geochemical Analysis Certificate

9V-0680-R62

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/B. EVANS

Date: JUL-20-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 3 CORE samples submitted JUL-11-89 by L. LEE.

Sample Number	LOI %
BCD1907B	4.45
BCD1908B	8.80
BCD1909B	22.70

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Geochemical Analysis Certificate

9V-0668-RG1

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/B. EVANS

Date: JUL-19-89

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

We hereby certify the following Geochemical Analysis of 30 ROCK samples submitted JUL-14-89 by L. LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCD18976	22	28	59	1.0	71
BCD18977	73	16	47	0.7	3
BCD18978	152	18	54	0.9	2
BCD18979	20	13	31	0.4	2
BCD18980	94	20	17	0.6	4
BCD18981	90	22	51	1.0	3
BCD18982	144	20	50	1.0	1
BCD18983	17	19	50	0.8	3
BCD18985	10	22	48	0.8	2
BCD18986	12	23	50	1.0	1
BCD18987	14	19	54	0.7	2
BCD18988	21	18	51	0.8	1
BCD18989	14	20	30	0.8	19
BCD18990	28	19	46	0.7	11
BCD18992	80	20	128	1.0	4
BCD18993	76	28	99	1.2	3
BCD18994	80	20	96	1.0	2
BCD18995	76	18	84	0.8	2
BCD18996	76	17	102	0.4	3
BCD18997	30	20	31	0.9	3
BCD18999	48	27	86	0.7	2
BCD19000	62	24	120	1.2	3
BCD19001	47	13	81	0.6	1
BCD19002	56	16	80	0.6	2
BCD19003	50	10	80	0.5	3
BCD19005	54	22	81	0.4	2
BCD19006	64	24	390	0.6	1
BCD19007	58	14	122	0.4	1
BCD19008	70	16	57	0.4	4
BCD19009	67	8	83	0.4	1

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Geochemical Analysis Certificate

9V-0668-R62

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: JUL-20-89

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 JUL-14-89 by L. LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCD19010	67	6	78	0.7	2
BCD19011	66	10	66	0.6	7
BCD19012	60	10	58	0.5	3
BCD19013	56	12	64	0.6	2
BCD19014	58	9	54	0.5	2
BCD19015	58	16	67	0.6	3
BCD19017	48	18	66	0.8	1
BCD19018	68	14	65	0.4	1
BCD19019	66	10	59	0.4	2
BCD19020	52	14	73	0.5	2
BCD19021	47	13	74	0.6	19
BCD19022	58	26	92	0.8	34
BCD19023	29	38	57	0.8	70
BCD19024	16	20	82	0.6	19
BCD19025	28	16	58	0.6	19
BCD19026	54	12	86	0.6	17
BCD19027	60	11	94	0.8	4
BCD19028	70	10	112	0.7	3
BCD19029	62	12	109	0.6	3
BCD19030	60	14	136	0.6	19
BCD19031	70	36	92	0.7	61
BCD19033	70	12	81	0.6	19
BCD19034	64	8	82	0.4	4
BCD19035	72	9	64	0.4	1
BCD19036	71	10	85	0.6	2
BCD19037	74	9	72	0.6	6
BCD19038	75	10	69	0.6	3
BCD19039	68	8	64	0.6	4
BCD19040	70	13	89	0.8	19
BCD19041	68	9	37	0.6	3

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Geochemical Analysis Certificate

9V-0668-R63

Company: MINNOVA INC.
 Project: 628
 Attn: I. PIRIE/B. EVANS

Date: JUL-20-89

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

We hereby certify the following Geochemical Analysis of 12 ROCK samples submitted JUL-14-89 by L. LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCD19042	63	20	34	1.0	28
BCD19043	36	20	77	1.0	18
BCD19044	26	12	65	0.6	16
BCD19045	69	13	45	0.7	4
BCD19046	71	16	60	0.7	2

BCD19047	95	10	52	0.6	18
BCD19048	74	11	54	0.5	12
BCD19049	66	12	34	0.6	4
BCD19050	40	24	88	0.8	6
BCD19051	43	22	85	1.0	2

BCD19052	64	10	44	0.5	2
BCD19054	56	10	43	0.6	1

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Geochemical Analysis Certificate

9V-0658-RG1

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/S. EVANS

Date: JUL-17-89

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 JUL-11-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCD18901	38	29	73	0.8	6
BCD18902	37	62	124	0.9	8
BCD18903	71	23	67	0.8	3
BCD18904	24	345	910	1.2	84
BCD18906	12	18	96	1.2	5
BCD18907	16	19	107	1.1	2
BCD18908	8	16	89	1.0	4
BCD18910	17	13	98	1.2	2
BCD18911	5	21	53	0.7	2
BCD18912	42	16	69	0.9	1
BCD18913	51	17	60	0.7	2
BCD18914	8	14	57	0.6	59
BCD18915	1	10	46	0.6	4
BCD18916	2	12	49	0.6	29
BCD18918	2	11	51	0.5	62
BCD18919	1	10	58	0.6	9
BCD18920	3	14	45	0.5	4
BCD18921	17	13	66	0.7	11
BCD18922	24	16	122	1.3	2
BCD18923	14	14	108	1.2	4
BCD18924	15	15	111	1.1	1
BCD18925	86	23	107	1.0	37
BCD18926	45	27	122	1.5	40
BCD18927	53	98	159	1.6	71
BCD18928	57	27	101	1.2	29
BCD18929	78	36	102	1.4	3
BCD18930	61	24	96	1.2	21
BCD18932	49	23	93	1.0	1
BCD18933	61	51	167	1.1	50
BCD18934	53	26	83	1.4	62

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Geochemical Analysis Certificate

9V-0658-RB2

Company: MINNOVA INC.
 Project: 628
 Attn: I. PIRIE/S. EVANS

Date: JUL-18-89

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 JUL-11-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPR
BCD18935	51	42	74	1.6	32
BCD18936	39	41	77	1.6	21
BCD18937	56	25	98	1.7	82
BCD18938	69	22	93	1.9	37
BCD18939	74	44	101	1.8	69

BCD18940	81	1020	990	5.4	1800
BCD18941	62	27	69	1.7	103
BCD18942	61	28	88	1.6	22
BCD18943	45	23	73	1.5	88
BCD18944	29	22	52	1.4	38

BCD18945	9	12	52	0.8	18
BCD18946	108	39	1010	2.2	258
BCD18947	23	24	76	1.5	6
BCD18948	69	18	87	1.4	4
BCD18949	12	21	82	1.6	2

BCD18952	27	16	68	1.0	95
BCD18953	25	19	132	1.3	36
BCD18954	13	26	86	1.2	41
BCD18955	24	76	730	1.4	69
BCD18956	32	43	1220	1.8	470

BCD18958	21	37	104	1.3	38
BCD18959	17	15	56	1.3	4
BCD18961	19	32	164	1.4	215
BCD18962	65	169	535	3.6	2290
BCD18963	54	17	59	1.4	4

BCD18964	106	18	51	1.3	2
BCD18966	68	12000	1080	2.8	37

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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate

9V-0595-RG2

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: JUL-05-89
Copy 1. MINNOVA, VANCOUVER, B.C.
2. MINNOVA, PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 16 ROCK samples submitted JUL-01-89 by L.LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCS17651	27	4	10	0.2	1
BCS17653	10	4	21	0.2	3
BCS17654	37	12	99	0.4	2
BCS17656	9	11	20	0.2	1
BCS17659	8	22	18	0.6	7

BCS17660	50	14	46	0.2	2
BCS17661	70	56	53	1.9	1580
BCS17662	13	24	27	0.9	32
BCS17663	17	16	116	0.6	37
BCS17664	33	12	85	0.6	84

BCS17667	13	10	68	0.6	23
BCS17668	31	20	35	1.0	4
BCS17669	46	20	76	1.2	2
BCS17670	37	14	87	0.7	18
BCS17671	70	22	80	1.2	3

BCS17673	58	12	56	0.4	3

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JUL 14 1989

Ans'd

Certified by *I. Pirie*
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TELEPHONE: (705) 264-9996

Assay Certificate

9V-0595-RA1

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: JUL-11-89
Copy 1. MINNOVA, VANCOUVER, B.C.
2. MINNOVA, PENTICTON, B.C.

We hereby certify the following Assay of 8 ROCK samples submitted JUN-28-89 by L.LEE.

Sample Number	LDI %
BCS17650	3.10
BCS17652	0.65
BCS17655	0.95
BCS17657	8.00
BCS17658	2.85
BCS17665	5.20
BCS17666	2.85
BCS17672	8.55

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Assay Certificate

9V-0595-RA1

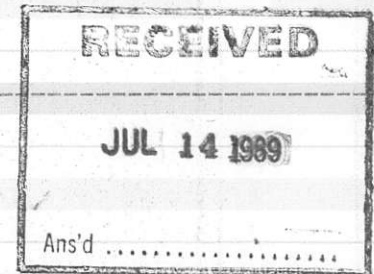
Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: JUL-05-89

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

We hereby certify the following Assay of 1 ROCK samples
submitted JUL-01-89 by L.LEE.

Sample Number	AU G/TONNE	AU OZ/TON
BCS17661	1.60	.047



Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC.
 PROJ: 628
 ATTN: I.PIRIE/G.EVANS

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

FILE NO: 9V-0595-RL1
 DATE: JUL-11-89
 * TYPE LITHO GEOCHEM * (ACT:FIRE)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SI02 %	TIO2 %	S %	TOT(%)
BCS17650	15.49	.075	6.15	10.85	2.04	4.95	.18	3.29	.73	50.07	1.94	.01	95.77
BCS17652	7.38	.015	.01	2.29	.42	.60	.03	3.42	.16	83.65	.29	.02	98.26
BCS17655	18.35	.300	5.82	6.67	5.01	3.14	.14	4.47	.58	52.63	.99	.05	98.15
BCS17657	8.87	.030	9.32	1.42	2.17	.40	.13	2.41	.49	65.55	.21	.03	91.03
BCS17658	16.10	.065	5.19	10.38	2.03	5.08	.18	3.79	.75	50.96	1.63	.06	96.22
BCS17665	16.55	.070	4.16	3.18	3.70	1.22	.09	2.27	.37	62.14	.31	.49	94.55
BCS17666	18.66	.020	11.89	9.91	2.41	5.86	.19	1.08	.95	44.61	.60	.40	96.57
BCS17672	17.07	.015	6.60	7.53	.93	4.74	.14	4.15	.65	48.17	.41	.01	90.41

<p>RECEIVED</p> <p>JUL 14 1989</p> <p>Ans'd</p>



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Assay Certificate

9V-0522-RA1

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: JUN-27-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 8 ROCKS samples submitted JUN-19-89 by LINDA LEE.

Sample Number	LOI %
BCS17601	24.80
BCS17603	15.70
BCS17605	1.50
BCS17606	.45
BCS17607	1.15
BCS17630	8.80
BCS17631	9.10
BCS17640	2.35

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TIMMINS OFFICE:
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TELEPHONE: (705) 264-9996

Assay Certificate

9V-0522-RA2

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: JUN-23-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 13 ROCK samples
submitted JUN-19-89 by LINDA LEE.

Sample Number	AU G/TONNE	AU OZ/TON
BCS17620	1.42	.041
BCS17621	1.20	.035
BCS17623	2.43	.071
BCS17624	4.00	.117
BCS17626	2.83	.083

BCS17632	6.58	.192
BCS17633	4.85	.141
BCS17634	18.40	.537
BCS17642	22.60	.659
BCS17643	16.00	.467

BCS17644	23.10	.674
BCS17645	1.04	.030
BCS17648	221.25	6.453

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TIMMINS OFFICE:
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TELEPHONE: (705) 264-9996

Geochemical Analysis Certificate 9V-0522-RB2

Company: MINNOVA INC.
Project: 628
Attn: I. PIRIE/G. EVANS

Date: JUN-22-89
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 JUN-19-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCS17602	2920	7800	43500	41.0	4
BCS17604	2900	2500	37500	52.5	46
BCS17608	25	32	172	0.3	43
BCS17609	78	74	680	2.4	3
BCS17610	22	31	65	1.5	627
BCS17611	10	23	61	1.3	1
BCS17612	5	25	58	1.8	6
BCS17613	9	22	92	1.4	5
BCS17614	12	53	79	0.9	2
BCS17615	22	18	31	1.1	1
BCS17616	76	24	74	1.3	63
BCS17617	325	21	63	1.8	48
BCS17618	47	29	80	1.7	64
BCS17619	30	430	48	1.1	117
BCS17620	72	34	59	1.4	1290
BCS17621	210	50	615	1.9	1150
BCS17622	51	21	87	0.9	2
BCS17623	200	128	2500	1.8	2200
BCS17624	149	245	2750	2.6	3850
BCS17625	78	117	102	0.9	254
BCS17626	365	1370	14500	9.4	2790
BCS17627	7	16	127	0.4	138
BCS17628	14	535	275	2.1	102
BCS17629	30	500	660	3.6	54
BCS17632	152	2650	780	8.0	5650
BCS17633	370	2900	9200	6.7	4700
BCS17634	280	6150	3150	24.0	14500
BCS17635	21	35	70	0.3	41
BCS17636	28	27	23	0.9	20
BCS17637	295	31	51	0.9	38

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Geochemical Analysis Certificate 9V-0522-RG3

Company: MINNOVA INC.
 Project: 628
 Attn: I. PIRIE/B. EVANS

Date: JUN-22-89
 Copy 1. MINNOVA INC., VANCOUVER, B.C.
 2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 11 ROCK samples submitted JUN-19-89 by LINDA LEE.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB
BCS17638	690	38	76	2.7	24
BCS17639	104	20	205	0.4	57
BCS17641	157	172	1950	2.3	667
BCS17642	720	4200	3600	23.1	17800
BCS17643	700	4750	3050	20.3	13500
BCS17644	675	2200	6200	23.8	18000
BCS17645	69	151	425	2.6	1040
BCS17646	38	39	970	1.4	26
BCS17647	61	795	580	1.4	143
BCS17648	295	3140	1200	95.0	100000
BCS17649	70	37	89	1.3	578

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