



MIN-EN LABORATORIES
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

825441

BAR 82M/4+5

1989

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

*Geochem &
 Assay Results*

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

9V-1371-RA1

Company: MINNOVA INC.
 Project: BAR 31-32(FY)215
 Attn: I.PIRIE/D.HEBERLEIN

Date: OCT-25-89
 Copy 1. MINNOVA INC., VANCOUVER, B.C.
 2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 9 ROCK samples submitted OCT-18-89 by D.FELLER.

RECEIVED
 OCT 26 1989
 Ans'd

Sample Number	LOI %
BCD24885	6.20
BCD24886	5.50
BCD24887	8.90
BCD24888	6.50
BCD24889	9.10

BCD24890	4.50
BCD24891	3.45
BCD24892	7.10
BCD24893	4.50

Certified by _____

[Handwritten Signature]

MIN-EN LABORATORIES

COMP: MINNOVA INC.
 PROJ: BAR 31-32 (FY) 215
 ATTN: I.PIRIE/D.HEBERLEIN

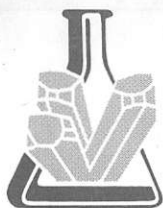
MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 9V-1371-RL1
 DATE: OCT-25-89
 * TYPE ROCK GEOCHEM * (ACT:FIRE)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SI02 %	TIO2 %	S %	TOT(%)
BCD24885	16.05	.070	5.08	5.63	.87	2.92	.17	4.76	.17	56.42	.53	.28	92.94
BCD24886	6.52	.045	1.30	3.82	1.28	.67	.04	.17	.06	79.20	.28	1.60	94.98
BCD24887	11.05	.075	.96	5.74	1.63	.61	.12	.53	.07	69.02	.53	1.66	91.99
BCD24888	8.60	.045	5.58	6.10	1.04	2.93	.16	.49	.17	66.96	.37	.02	92.46
BCD24889	14.58	.165	4.40	3.13	2.19	2.11	.14	3.37	.14	59.33	.36	1.89	91.81
BCD24890	10.23	.160	1.53	4.67	2.69	1.60	.04	.07	.09	73.13	.47	1.66	96.34
BCD24891	7.68	.090	1.44	4.39	1.46	1.32	.04	.09	.09	78.61	.35	.95	96.51
BCD24892	13.33	.095	5.53	5.65	1.09	2.94	.12	2.29	.18	60.20	.45	.38	92.26
BCD24893	6.45	.045	.95	3.45	.88	.69	.03	.16	.05	81.66	.20	.72	95.28

OCT 26 1989

1000



**MINERAL
• ENVIRONMENTAL
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

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33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

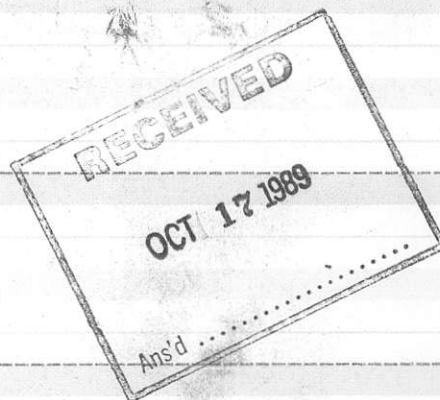
9V-1262-RA1

Company: MINNOVA INC.
Project: FY 215
Attn: I. PIRIE/D. HEBERLEIN

Date: OCT-12-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 13 ROCK samples
submitted OCT-03-89 by D.FELLER.

Sample Number	LOI %
BCD7576	6.70
BCD7577	3.30
BCD7578	6.40
BCD7579	4.50
BCD7580	6.25
BCD7582	4.60
BCD7583	.25
BCD7584	5.00
BCD7585	4.00
BCD7586	2.45
BCD7587	6.60
BCD7588	5.10
BCD7589	6.15



Certified by *[Signature]*

MIN-EN LABORATORIES

COMP: MINNOVA INC.
 PROJ: ANNA BARA 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0941-SJ1+2
 DATE: AUG-28-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9AAS001	.9	6	15	22	1	83	5
9AAS002	.4	1	10	17	1	76	10
9AAS003	.4	1	11	15	1	68	5
9AAS004	.9	13	60	28	1	272	5
9AAS005	.8	9	12	18	1	231	5
9AAS006	.8	10	12	18	1	119	5
9AAS007	.8	3	11	14	1	115	5
9AAS008	.5	2	12	12	1	49	5
9AAS009	.3	1	15	14	1	78	5
9AAS010	.2	1	9	10	1	137	5
9AAS011	.9	10	15	22	2	368	5
9AAS012	.4	7	19	18	1	107	15
9AAS013	.8	14	23	20	3	72	5
9AAS014	.6	8	16	16	2	106	5
9AAS015	.8	13	13	16	1	165	5
9AAS016	.7	1	10	13	1	120	5
9AAS017	.3	1	11	9	1	169	5
9AAS018	.6	16	33	22	3	62	5
9AAS019	.3	5	32	18	2	57	5
9AAS020	.6	18	18	14	1	89	20
9AAS021	.6	1	19	16	1	114	5
9AAS022	1.0	3	36	17	1	57	5
9AAS023	1.2	8	18	17	3	30	5
9AAS024	.4	1	7	8	1	98	5
9AAS025	.4	1	8	6	1	84	5
9AAS026	.6	17	18	23	4	67	5
9AAS027	.4	1	11	18	1	140	5
9AAS028	.6	10	14	19	1	115	10
9AAS029	.8	8	13	17	1	121	5
9AAS050	.9	18	16	17	3	94	5
9AAS031	.6	1	15	22	1	137	5
9AAS032	1.2	13	23	18	3	60	5
9AAS053	.9	8	16	17	2	70	5
9AAS034	1.0	15	33	21	2	53	5
9AAS035	.6	7	10	11	1	69	5
9AAS036	.1	1	14	19	1	108	5
9AAS037	.2	1	10	7	1	86	5
9AAS038	.4	10	21	19	3	78	10
9AAS039	.6	1	10	7	1	128	5
9AAS040	.8	1	18	10	1	157	5
9AAS041	.7	1	11	17	1	153	5
9AAS042	.6	2	13	13	1	109	5
9AAS043	.2	1	10	13	1	175	5
9AAS044	.7	3	12	10	1	326	5
9AAS045	.2	3	18	12	1	204	5
9AAS046	.2	1	22	12	1	131	5
9AAS047	.6	16	36	13	1	115	5
9AAS048	.4	1	13	12	1	84	5
9AAS049	.5	1	12	17	1	104	5
9AAS050	.5	21	14	5	1	129	5
9AAS051	.3	1	11	12	1	142	5
9AAS052	.1	1	10	6	1	153	5
9AAS053	.3	1	23	12	1	154	5
9AAS054	.1	1	11	9	1	139	85
9AAS055	.2	1	8	9	1	124	5
9AAS056	.1	3	8	11	1	117	5
9AAS057	.5	12	16	14	1	138	5A
9AAS058	.4	6	17	18	2	94	5
9AAS059	.1	2	15	16	1	209	5
9AAS060	.3	12	17	12	1	207	5

RECEIVED
 AUG 31 1989
 Analyst: [Signature]

COMP: MINNOVA INC.
 PROJ: ANNA BARA 215
 ATTN: I.PIRIE/D.NEBERLEIN

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-0941-SJ3+4
 DATE: AUG-28-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9AAS061	.4	11	13	25	3	122	5
9AAS062	.2	1	11	16	1	88	5
9AAS063	.3	12	14	20	2	104	5
9AAS064	.5	4	32	19	1	73	5
9AAS065	1.1	12	59	25	2	43	5
9AAS066	.4	16	19	20	2	77	10
9AAS067	.3	10	14	16	1	94	5
9JAS001	.3	1	14	16	1	68	5
9JAS002	.2	4	59	28	1	203	5
9JAS003	.1	9	9	19	2	172	5
9JAS004	.3	13	9	17	1	123	5
9JAS005	.5	4	13	16	1	100	5
9JAS006	1.0	5	14	18	1	88	5
9JAS007	.6	11	17	18	1	116	5
9JAS008	.3	5	21	13	1	101	5
9JAS009	.2	1	10	13	1	150	5
9JAS010	.5	1	20	33	2	122	5
9JAS011	.5	11	28	24	4	89	5
9JAS012	.5	12	15	19	2	99	5
9JAS013	.4	15	12	11	2	85	5
9JAS014	1.3	13	176	38	1	151	5
9JAS015	NO SAMPLE						
9JAS016	.4	5	11	13	1	136	5
9JAS017	.3	7	19	16	1	146	5
9JAS018	.3	2	10	10	1	106	5
9JAS019	.6	8	10	14	1	127	5
9JAS020	.9	11	34	19	1	153	5
9AANS068	.7	14	30	19	3	87	5
9AANS069	.4	7	14	17	1	74	10
9AANS070	.7	1	29	19	1	176	5
9AANS071	.9	7	19	21	2	117	10
9AANS072	1.0	14	10	18	3	66	5
9AANS073	.9	21	11	14	3	119	5
9AANS074	.4	1	8	7	1	74	5
9AANS075	.4	1	11	12	1	127	10
9AANS076	.4	3	9	8	1	69	5
9AANS077	.1	1	7	11	1	66	5
9AANS078	.6	20	13	18	4	56	5
9AANS079	.6	11	11	13	1	95	5
9AANS080	.2	9	5	7	2	59	5
9AANS081	.4	1	9	13	1	163	5
9AANS082	.4	1	11	7	1	207	10
9AANS083	.4	3	14	11	2	169	10
9AANS084	.5	5	13	15	1	221	5
9AANS085	.3	5	7	13	2	205	5
9AANS086	.9	3	10	21	2	358	5
9AANS087	.3	2	13	14	1	315	5
9AANS088	.2	11	10	16	1	289	5
9AANS089	.6	9	9	8	1	242	5
9AANS090	.3	4	7	10	1	174	10
9AANS091	.4	11	7	9	2	257	5
9AANS092	.2	18	7	12	1	191	5
9AANS093	.2	4	14	15	1	94	5
9AANS094	.1	1	13	11	1	142	5
9AANS095	.9	9	60	20	1	55	5
9AANS096	.2	2	20	21	2	97	10
9AANS097	.4	11	14	18	2	91	5
9DAN019	.2	1	14	14	1	90	5
9DAN020	.1	7	7	11	1	245	5
9DAN021	.3	1	13	15	2	330	5

COMP: MINNOVA INC.
 PROJ: ANNA BARA 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0941-SJ5+6
 DATE: AUG-28-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9DAN022	.2	12	9	8	1	189	5
9DAN023	.2	12	18	21	2	214	10
9DAN024	.7	5	16	14	1	108	5
9DAN025	1.4	23	51	28	3	98	5
9DAN026	.6	6	26	20	1	75	5
9DAN027	.7	1	17	15	1	96	5
9DAN028	.2	8	10	12	1	83	5
9ZANS001	.5	4	16	16	1	388	5
9ZANS017	.6	2	17	13	1	413	5
9ZANS018	.2	1	7	10	1	238	5
9DAN010	.2	7	10	13	1	294	5
9DAN011	.3	5	9	14	1	179	5
9DAN012	.4	7	8	10	1	216	5
9DAN013	.5	6	10	16	1	202	10
9DAN014	.5	1	11	10	1	138	5
9DAN015	.3	16	42	28	5	149	5
9DAN016	.3	5	13	10	1	131	5
9DAN017	.4	1	13	17	1	99	5
9DAN018	.4	10	28	23	2	92	5
9DAN029	.2	11	14	14	1	74	5
9KANS001	.9	1	12	12	1	132	5
9KANS002	.6	1	12	14	1	132	5
9KANS003	.7	10	20	13	2	83	5
9KANS004	.8	19	21	24	3	67	5
9KANS005	.6	10	16	26	2	125	5
9KANS006	.4	1	15	14	1	93	5
9KANS007	.5	15	9	9	2	36	5
9KANS008	.3	17	30	17	1	70	5
9KANS009	.3	8	22	15	1	56	5
9KANS010	.3	22	10	15	2	65	5
9KANS011	.4	7	13	20	2	118	5
9KANS012	.4	5	11	15	1	150	10
9KANS013	.3	3	13	18	1	109	5
9KANS014	.6	2	12	16	1	172	5
9KANS015	.4	14	13	11	3	101	10
9KANS016	.7	5	16	19	2	96	5
9KANS017	.7	14	12	17	1	158	5
9KANS018	.8	19	12	16	2	164	10
9KANS019	.4	1	15	15	1	124	20
9KANS020	.2	8	7	13	1	75	5
9KANS021	.3	1	10	12	1	94	5
9KANS022	.9	12	20	20	2	127	5
9KANS023	.6	11	9	14	1	128	10
9KANS024	.6	8	16	21	2	118	5
9KANS025	.4	13	14	17	1	97	5
9KANS026	.4	12	12	20	2	68	5
9KANS027	.2	15	14	12	3	56	5
9KANS028	.3	7	9	8	1	73	5
9KANS029	.4	12	14	10	1	86	5
9KANS030	.8	14	13	12	1	107	10
9KANS031	1.0	7	60	20	1	127	5
9KANS032	.4	12	12	17	2	59	30
9KANS033	.4	6	16	15	1	103	5
9KANS034	.4	3	16	15	1	87	5
9KANS035	.3	1	8	12	1	94	10
9KANS036	.6	7	13	15	1	90	5
9KANS037	.6	11	13	19	2	93	5
9KANS038	.4	13	16	16	3	68	5
9KANS039	.4	3	13	13	1	90	5
9KANS040	.6	15	20	19	1	80	5

COMP: MINNOVA INC.
 PROJ: ANNA BARA 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0941-SJ7+8
 DATE: AUG-28-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9KANS041	.6	8	25	20	3	63	15
9KANS042	.4	2	10	9	1	65	5
9KANS043	.1	4	10	14	1	97	5
9KANS044	.2	3	10	9	1	99	5
9KANS045	.4	10	19	17	2	87	5
9KANS046	.3	6	10	12	1	97	5
9KANS047	.6	13	14	20	1	116	5
9KANS048	.5	1	7	10	1	78	5
9KANS049	.4	1	17	14	1	93	5
9KANS050	1.9	18	98	33	1	132	5
9KANS051	.7	17	81	19	1	95	5
9KANS052	.7	21	42	24	1	102	5
9KANS053	.6	27	27	30	3	92	10
9KANS054	.4	11	18	14	1	51	5
9KANS055	.6	9	12	10	3	65	5
9KANS056	.8	18	19	15	1	173	5
9DAN001	.4	1	9	3	1	81	5
9DAN002	.3	1	10	11	1	137	5
9DAN003	.5	7	28	18	1	95	5
9DAN004	.5	16	27	22	1	56	5
9DAN005	.6	19	17	18	1	65	5
9DAN006	.7	22	25	26	3	61	5
9DAN007	.4	10	11	12	1	98	5
9DAN008	.1	1	9	7	1	108	5
9DAN009	.1	3	13	15	1	238	5
9DANS029	.6	4	9	8	1	70	5
9DANS030	.8	17	27	18	1	65	5
9DANS031	.4	9	10	23	1	133	5
9DANS032	.4	19	19	21	2	68	5
9DANS033	.1	7	18	14	2	65	5
9DANS034	1.0	3	19	20	1	92	10
9DANS035	.7	6	17	17	2	94	5
9DANS036	.6	11	13	16	2	83	5
9DANS037	.4	5	13	17	2	139	5
9DANS038	.6	4	15	17	2	84	5
9DANS039	.6	4	13	19	3	82	5
9DANS040	.6	1	17	11	1	145	10
9DANS041	.7	11	21	22	1	223	5
9DANS042	.7	4	18	20	1	206	5
9DANS043	.5	1	10	7	1	154	5
9DANS044	.4	1	10	17	3	157	5
9DANS045	.5	2	13	19	1	240	5
9DANS046	.5	13	22	21	3	139	10
9DANS047	.2	4	10	20	1	119	5
9DANS048	.4	3	10	14	1	170	5
9DANS049	.8	19	24	24	4	55	5
9DANS050	.8	1	14	15	2	112	5
9DANS051	.9	19	21	24	4	97	5
9DANS052	.5	7	15	14	1	104	5
9DANS053	.4	4	14	18	1	188	5
9DANS054	.5	1	12	5	1	216	5
9DANS055	.4	1	11	11	1	184	5
9DANS056	.5	4	12	20	1	240	5
9DANS057	.8	18	53	19	1	1079	5
9DANS058	1.7	7	50	28	1	886	5
9DANS059	1.7	1	83	47	1	1307	5
9DANS060	.6	1	13	16	2	229	5
9DANS061	.9	27	35	21	4	116	5
9DANS062	.7	20	31	19	5	78	5
9DANS063	2.2	25	134	29	3	169	10

COMP: MINNOVA INC.
 PROJ: BAR 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0911-SJ1+2
 DATE: AUG-23-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9LWIS200	.8	5	9	10	1	91	10
9LWIS201	.5	3	7	10	1	65	10
9LWIS202	.4	5	13	9	1	46	30
9LWIS203	.2	7	10	12	2	75	5
9LWIS204	.1	1	12	17	1	93	10
9LWIS205	.4	8	9	10	2	67	5
9LWIS206	1.0	3	17	12	1	80	5
9LWIS207	.4	8	13	12	1	69	5
9LWIS208	.2	5	14	15	1	47	5
9LWIS209	.5	6	14	13	1	70	25
9LWIS210	.3	1	11	12	1	48	5
9LWIS212	.7	4	12	11	1	130	10
9LWIS213	.6	1	8	10	1	87	5
9LWIS214	.6	1	8	11	1	89	5
9LWIS215	.4	4	15	11	1	42	10
9LWIS216	.2	1	10	13	1	49	5
9LWIS217	.8	1	43	20	1	93	10
9LWIS218	.1	1	9	17	1	83	5
9LWIS219	.1	1	9	9	1	82	5
9LWIS220	.6	1	11	10	1	89	5
9LWIS221	.7	8	15	17	1	113	5
9LWIS222	.3	8	13	19	2	89	5
9LWIS223	.3	3	10	10	1	48	5
9LWIS225	.4	5	7	12	2	56	5
9LWIS226	3.1	9	95	38	1	141	5
9LWIS227	2.4	18	71	18	2	62	5
9LWIS228	.4	11	11	10	1	57	5
9LWIS229	.8	1	21	14	1	70	5
9LWIS230	.2	2	12	13	1	77	5
9LWIS231	.2	4	17	15	1	77	5
9LWIS232	.7	3	9	13	1	76	5
9LWIS233	.6	1	7	12	1	80	5
9LWIS238	.3	12	13	18	1	74	10
9LWIS239	.3	4	15	19	2	71	5
9LWIS240	.5	1	11	13	1	60	5
9LWIS241	.6	12	18	12	1	58	5
9LWIS242	.8	9	10	10	1	64	10
9LWIS243	.6	13	15	19	2	56	5
9LWIS244	.6	5	15	17	1	89	5
9LWIS245	4.0	3	112	43	1	155	5
9LWIS246	1.2	1	17	13	1	56	5
9LWIS247	.4	9	13	16	1	103	5
9LWIS248	.4	1	9	11	1	98	5
9LWIS249	.4	3	10	14	1	101	5
9LWIS250	.6	9	5	7	2	42	5
9LWIS251	.7	1	7	5	1	36	5
9JWIS200	.5	15	14	17	2	51	5
9JWIS201	1.0	13	17	18	1	77	5
9JWIS202	.5	1	9	13	1	70	5
9JWIS203	.5	2	18	17	1	64	5
9JWIS204	.4	1	7	6	1	54	5
9JWIS205	1.3	8	9	14	2	84	5
9JWIS206	1.0	10	22	17	1	103	5
9JWIS207	.5	18	12	17	1	38	5
9JWIS208	.7	11	8	13	2	80	5
9JWIS209	.8	3	12	13	1	59	5
9JWIS210	.7	2	17	20	1	63	5
9JWIS211	.4	8	11	15	2	54	5
9JWIS212	.6	7	9	8	1	59	5
9JWIS213	.5	16	14	18	3	72	5

COMP: MINNOVA INC.
 PROJ: BAR 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0911-SJ3+4
 DATE: AUG-23-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9JWIS214	.4	1	30	14	1	110	5
9JWIS215	.1	1	15	14	1	113	5
9JWIS216	.1	1	6	7	1	56	5
9JWIS217	.4	8	9	9	1	55	5
9FWIS100	.6	4	24	16	1	76	10
9FWIS101	.5	16	12	13	1	59	5
9FWIS102	.6	6	16	19	1	69	5
9FWIS103	.8	10	24	21	1	64	5
9FWIS104	.8	11	19	13	2	62	5
9FWIS105	1.8	11	81	25	2	97	5
9FWIS106	1.0	2	41	23	1	105	5
9FWIS107	1.5	2	66	33	2	99	5
9FWIS108	.6	8	23	22	2	69	5
9FWIS109	.8	11	37	22	3	74	5
9FWIS110	.7	4	30	27	3	84	5
9FWIS111	.7	3	28	21	2	206	10
9FWIS112	.4	8	21	24	1	73	5
9FWIS113	1.1	9	26	23	1	93	5
9FWIS114	.3	6	17	16	2	90	5
9FWIS115	.7	9	24	26	1	85	5
9FWIS116	.2	6	15	24	1	100	5
9FWIS117	.5	9	18	20	1	107	5
9FWIS118	.8	11	15	18	2	102	5
9FWIS119	1.4	9	33	22	1	94	5
9FWIS120	1.0	11	19	25	2	104	5
9FWIS121	.5	6	9	21	1	81	5
9FWIS122	1.2	5	33	26	2	105	5
9FWIS123	.8	12	25	29	3	83	5
9FWIS124	.6	15	15	21	3	87	5
9FWIS125	.4	9	14	20	3	56	5
9FWIS126	1.0	10	33	25	2	122	5
9FWIS127	.3	12	19	21	3	64	10
9FWIS128	.9	16	21	22	1	135	5
9FWIS129	.5	13	21	14	1	79	5
9FWIS130	.3	8	13	8	2	72	5
9FWIS131	.1	11	13	18	2	63	5
9FWIS132	.5	11	7	11	1	147	5
9FWIS133	.5	8	7	11	1	136	5
9FWIS134	.8	7	11	11	2	142	5
9FWIS135	.8	12	10	16	1	133	5
9FWIS136	1.1	8	13	14	1	108	5
9FWIS137	.2	5	7	8	1	99	5
9FWIS138	.4	11	9	16	1	168	5
9FWIS139	.3	1	6	7	1	179	5
9FWIS140	.7	9	16	24	1	219	5
9FWIS141	1.6	12	68	32	2	128	5
9FWIS142	.7	8	19	17	1	87	5
9FWIS143	1.0	3	47	22	1	85	5
9FWIS144	.1	11	8	16	1	62	5
9FWIS145	.7	1	23	16	1	181	5
9FWIS146	.6	9	17	15	1	95	5
9FWIS147	.6	20	19	20	3	101	5
9FWIS148	.4	3	11	12	1	149	5
9FWIS149	.6	1	10	12	1	150	5
9FWIS150	.3	1	11	17	1	154	5
9FWIS151	9.0	26	163	56	5	212	15
9FWIS152	1.0	22	16	16	1	76	5
9FWIS153	1.2	12	14	16	1	120	5
9FWIS154	1.0	3	14	15	1	120	5
9FWIS155	.8	12	13	16	2	90	5

COMP: MINNOVA INC.
 PROJ: BAR 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0911-SJ5+6
 DATE: AUG-23-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9FWIS156	.4	5	10	10	1	97	5
9FWIS157	.1	2	4	8	1	77	5
9FWIS158	.4	6	6	7	1	71	5
9FWIS159	.4	6	8	11	1	65	5
9FWIS160	.3	4	6	8	1	46	5
9FWIS161	.4	13	11	14	1	49	5
9FWIS162	.6	6	6	7	1	48	5
9FWIS163	.6	13	17	19	1	64	5
9FWIS164	.8	1	37	14	1	60	5
9FWIS165	2.5	1	27	27	1	178	5
9FWIS166	1.1	1	9	8	1	139	5
9FWIS167	.9	8	8	11	1	156	5
9FWIS168	1.2	9	17	17	1	93	5
9FWIS169	.9	6	12	12	1	95	5
9FWIS170	1.7	12	15	12	2	78	5
9FWIS171	.7	10	10	15	2	68	20
9FWIS172	.8	7	10	13	1	119	5
9FWIS173	.5	9	7	12	1	91	5
9FWIS174	.3	1	8	10	1	97	10
9FWIS175	.6	3	9	7	1	103	5
9FWIS176	.6	8	10	14	2	88	5
9FWIS177	.8	7	13	20	1	135	5
9FWIS178	.5	9	8	14	1	100	5
9FWIS179	.9	16	13	14	1	81	5
9FWIS180	NO SAMPLE						
9FWIS218	.1	3	17	16	1	76	5
9FWIS219	.3	7	7	17	2	87	5
9FWIS220	.5	9	17	15	2	74	5
9FWIS221	.3	15	9	7	1	64	5
9FWIS222	.7	11	11	11	1	69	5
9FWIS223	.3	6	18	19	1	75	5
9FWIS224	.1	1	12	11	1	71	5
9FWIS225	.1	2	14	13	1	78	5
9FWIS226	.4	3	12	8	1	66	5
9FWIS227	.5	4	9	11	1	89	5
9FWIS228	.5	5	14	14	1	64	5
9FWIS229	.3	11	26	19	2	91	5
9FWIS230	.3	23	15	17	3	53	5
9FWIS231	.4	22	17	20	4	53	5
9FWIS232	.2	7	16	20	1	94	5
9FWIS233	.1	2	14	19	3	50	5
9FWIS234	.4	6	9	9	1	52	5
9FWIS235	.2	8	14	14	1	58	5
9FWIS236	.4	9	5	11	2	69	5
9FWIS237	.5	8	15	16	2	91	5
9FWIS238	.9	9	14	15	2	87	5
9FWIS239	.8	17	17	17	4	69	5
9FWIS240	1.0	15	33	12	1	113	50
9FWIS241	.8	3	7	10	1	72	5
9FWIS242	1.3	11	30	25	3	66	5
9FWIS243	.8	3	15	11	1	97	5
9FWIS244	.4	1	11	13	1	136	5
9FWIS245	1.1	14	15	12	2	104	5
9FWIS246	.7	5	13	18	2	75	5
9FWIS247	.5	11	6	10	3	79	5
9FWIS248	.6	9	6	11	1	77	5
9FWIS249	1.0	7	29	19	1	128	5
9FWIS250	1.0	1	15	11	1	99	5
9FWIS251	.3	10	4	6	1	224	5
9FWIS252	.9	13	55	20	1	922	5

COMP: MINNOVA INC.
 PROJ: BAR 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0911-SJ7+8
 DATE: AUG-23-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9FWIS253	.5	3	4	13	1	125	5
9FWIS254	.3	1	4	11	1	106	5
9FWIS255	.5	5	4	12	1	100	5
9FWIS256	.5	5	6	35	1	69	5
9FWIS257	.1	3	1	16	1	91	5
9FWIS258	.1	5	5	19	1	95	5
9FWIS259	.6	4	4	20	1	129	5
9FWIS260	.3	4	1	8	1	72	5
9FWIS261	.6	12	4	9	1	83	5
9FWIS262	1.0	8	11	14	1	104	5
9FWIS263	.5	8	1	7	2	61	5
9FWIS264	.6	7	2	16	1	89	5
9FWIS265	.7	19	13	18	2	66	10
9FWIS266	.5	7	3	11	2	68	5
9FWIS267	.1	10	2	11	2	51	5
9FWIS268	.4	5	2	11	1	78	5
9FWIS269	.7	9	4	12	1	80	5
9FWIS270	.8	15	2	10	1	79	30
9FWIS271	.5	15	3	10	2	220	5
9FWIS272	.7	7	2	13	2	395	5
9FWIS273	.9	7	6	9	1	145	5
9FWIS274	.7	15	9	24	3	99	15
9FWIS275	1.9	7	21	19	2	175	5
9FWIS276	.9	1	7	22	1	317	5
9FWIS277	.7	6	12	14	1	219	5
9FWIS278	.9	11	3	18	1	292	5
9FWIS279	.5	9	2	12	1	132	5
9FWIS280	.5	4	2	14	1	93	5
9FWIS281	.8	11	9	16	1	86	5
9FWIS282	.2	5	1	4	1	82	5
9FWIS283	.5	1	9	17	1	98	5
9FWIS284	.8	5	17	18	1	77	5
9FWIS285	.4	5	12	16	1	80	5
9FWIS286	.4	8	16	9	1	77	5
9FWIS287	.4	5	9	13	1	92	5
9FWIS288	.5	1	9	8	1	68	5
9FWIS289	.4	1	8	11	1	81	5
9FWIS290	.5	4	24	15	1	102	5
9FWIS291	.6	3	44	22	1	79	5
9FWIS292	.4	12	16	13	1	87	5
9FWIS293	.7	10	10	9	1	87	5
9FWIS294	.5	10	11	16	2	62	5
9FWIS295	.5	7	14	13	1	98	5
9FWIS296	.2	11	9	10	1	50	5
9FWIS297	.2	6	15	13	1	55	5
9FWIS298	.4	3	10	15	2	54	5
9FWIS299	.7	1	6	5	1	65	5
9FWIS300	.7	13	15	14	2	53	5
9FWIS301	1.0	2	13	14	2	88	5
9FWIS302	.6	8	10	10	1	40	5
9FWIS303	1.0	16	31	22	3	83	5
9FWIS304	.9	6	12	17	1	65	5
9FWIS305	.7	16	14	15	2	75	5
9FWIS306	1.2	10	21	18	2	86	5
9FWIS307	.7	4	7	7	2	70	5
9FWIS308	.6	10	18	14	1	228	5
9FWIS309	.7	4	6	5	1	45	5
9FWIS310	.8	8	14	18	2	70	5
9FWIS311	1.4	2	19	17	1	61	10
9FWIS312	1.0	5	16	18	1	93	5

COMP: MINNOVA INC.
 PROJ: WIKIUP BAR 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0910-SJ1+2
 DATE: AUG-21-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9FWIS315	.8	1	9	26	2	126	10
9FWIS316	2.3	3	12	20	1	155	5
9FWIS317	1.7	7	8	13	1	160	5
9FWIS318	1.4	3	16	18	1	126	5
9FWIS319	.5	1	9	13	1	146	5
9FWIS320	.8	1	25	20	1	112	5
9FWIS321	.7	7	9	12	1	95	5
9FWIS322	.5	7	14	27	2	96	5
9FWIS323	.3	7	9	13	1	93	5
9FWIS324	.5	3	10	19	1	89	5
9FWIS325	.2	1	5	11	1	87	5
9FWIS326	.5	3	13	17	3	109	5
9FWIS327	.7	7	10	19	2	92	5
9FWIS328	.6	6	8	8	1	103	5
9FWIS329	.4	3	11	16	3	84	5
9FWIS330	1.0	7	34	28	3	69	5
9FWIS331	.6	3	12	18	2	88	5
9FWIS332	.7	1	14	14	1	118	5
9FWIS333	.7	7	8	14	1	141	5
9FWIS334	1.7	5	19	25	2	187	5
9FWIS335	2.0	1	25	20	1	204	5
9FWIS336	.9	5	10	15	1	157	5
9FWIS337	.5	1	10	18	1	95	5
9FWIS338	.3	1	6	16	1	96	5
9FWIS339	.9	48	21	21	1	214	5
9FWIS340	.7	3	9	21	2	133	5
9FWIS341	1.0	10	11	23	2	117	5
9FWIS342	.5	7	6	13	2	112	10
9FWIS343	.7	2	9	23	2	107	5
9FWIS344	.7	4	7	12	2	100	5
9KWIS001	.4	1	9	8	1	66	5
9KWIS002	.6	7	5	9	1	76	5
9KWIS003	1.1	6	13	19	2	216	5
9KWIS004	.5	4	11	13	1	138	5
9KWIS005	1.1	4	9	17	1	144	5
9KWIS006	1.5	6	17	16	1	294	5
9KWIS007	1.6	9	17	16	2	168	5
9KWIS008	.8	9	11	12	1	144	5
9KWIS009	.6	1	7	8	1	107	5
9KWIS010	1.0	5	30	24	1	150	5
9KWIS011	.1	2	5	6	1	59	5
9KWIS012	.1	1	9	10	1	135	5
9KWIS013	.4	1	8	12	1	88	5
9KWIS014	.3	1	8	12	1	73	5
9KWIS015	.5	2	11	13	1	83	5
9KWIS016	.8	1	16	12	1	92	5
9KWIS017	.1	1	14	16	1	84	5
9KWIS018	.8	6	10	11	1	89	5
9KWIS019	.5	6	9	17	1	106	5
9KWIS020	.7	2	9	16	1	104	5
9KWIS021	.3	3	5	7	1	95	5
9KWIS022	.6	1	16	15	1	73	5
9KWIS023	.3	1	32	8	1	29	5
9KWIS024	.1	6	12	15	2	52	5
9KWIS025	.2	1	5	7	1	66	5
9KWIS026	.8	5	11	11	1	68	5
9KWIS027	.4	1	17	18	1	58	5
9KWIS028	.4	1	30	25	1	100	10
9KWIS029	.1	2	8	13	1	72	5
9KWIS030	.1	1	8	13	1	69	5

COMP: MINNOVA INC.
 PROJ: BAR 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0899-SJ1+2
 DATE: AUG-20-89
 * TYPE ROCK GEOCHEM * (ACT:F31)

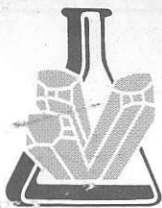
SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9ZWIS001	.5	10	21	20	1	69	5
9ZWIS002	.7	8	7	18	1	73	5
9ZWIS003	.7	9	10	20	1	76	5
9ZWIS004	.3	6	9	14	1	86	5
9ZWIS005	.4	1	10	16	1	75	5
9ZWIS006	.5	4	7	17	1	71	5
9ZWIS007	.7	13	16	20	1	84	5
9ZWIS008	.3	7	8	18	1	80	50
9ZWIS009	.3	6	6	14	1	83	5
9ZWIS010	.2	1	8	20	1	80	5
9ZWIS011	.4	1	12	18	1	67	5
9ZWIS012	.5	7	8	14	1	71	5
9ZWIS013	.5	10	14	20	1	57	20
9ZWIS014	.6	16	13	20	1	61	5
9ZWIS015	.4	1	10	20	1	55	5
9ZWIS016	.3	1	12	18	1	71	5
9ZWIS017	.3	6	8	17	1	50	5
9ZWIS018	.7	8	13	15	1	51	5
9ZWIS019	.4	12	14	20	1	46	5
9ZWIS020	.9	18	12	20	2	72	5
9ZWIS021	1.0	8	13	17	1	89	5
9ZWIS022	1.2	10	17	18	2	72	5
9ZWIS023	.8	15	28	29	2	66	5
9ZWIS024	1.4	10	13	20	1	96	5
9ZWIS025	1.1	8	13	20	1	85	5
9ZWIS026	1.0	14	7	16	1	73	5
9ZWIS027	.6	9	8	13	1	48	10
9ZWIS028	.7	11	6	20	1	65	5
9ZWIS029	.9	9	40	18	1	159	5
9ZWIS030	.6	6	11	18	1	83	5
9ZWIS031	.2	1	7	12	1	97	5
9ZWIS032	.2	1	10	21	1	74	5
9ZWIS033	.5	4	12	17	1	95	5
9ZWIS034	1.2	13	16	20	1	570	5
9ZWIS035	1.0	8	11	13	2	353	5
9ZWIS036	.8	3	9	12	1	270	5
9ZWIS037	1.2	2	13	21	1	79	5
9ZWIS038	.7	1	10	16	2	75	5
9ZWIS039	.9	11	18	16	1	54	5
9ZWIS040	1.0	4	10	17	1	138	5
9ZWIS041	1.1	3	8	13	1	122	5
9ZWIS042	.5	3	8	15	1	105	5
9ZWIS043	1.0	12	16	19	2	100	5
9ZWIS044	.6	1	10	14	1	89	10
9ZWIS045	.4	1	9	14	1	71	5
9ZWIS046	1.1	22	13	17	3	89	5
9ZWIS047	1.2	8	13	12	1	98	5
9ZWIS048	.6	7	12	15	1	86	5
9ZWIS049	1.1	1	11	13	1	99	5
9ZWIS050	.7	4	12	14	1	84	5
9ZWIS051	.9	3	19	22	2	121	5
9ZWIS052	.9	5	19	14	2	144	5
9ZWIS053	.7	15	14	14	2	71	5
9ZWIS054	1.1	12	10	13	2	53	5
9ZWIS055	1.5	11	26	22	1	175	5
9ZWIS056	.7	6	14	14	1	76	5
9FWIS500	.3	1	6	15	1	57	5
9FWIS501	.7	13	8	20	1	64	5
9FWIS502	.3	4	5	10	1	41	5
9FWIS503	.8	3	11	16	1	94	5

COMP: MINNOVA INC.
 PROJ: BAR 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0899-SJ3+4
 DATE: AUG-20-89
 * TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9FWIS504	1.0	13	16	21	2	48	5
9FWIS505	.7	2	15	22	1	64	5
9FWIS506	.7	2	8	13	1	57	5
9FWIS507	.6	3	12	14	1	64	5
9FWIS508	.9	5	24	21	1	62	5
9FWIS509	.5	1	12	15	1	64	5
9FWIS510	.7	1	15	20	1	60	5
9FWIS511	1.0	4	13	17	1	84	5
9FWIS512	.5	9	13	19	1	57	5
9FWIS513	.7	1	13	18	1	63	5
9FWIS514	.2	1	15	22	1	57	5
9FWIS515	1.1	1	21	18	1	113	5
9FWIS516	1.0	5	16	19	2	61	5
9FWIS517	.9	1	26	27	1	70	5
9FWIS518	.6	8	10	15	1	82	5
9FWIS519	.5	1	18	16	1	74	5
9FWIS520	.5	9	19	17	2	57	5
9FWIS521	.8	5	16	22	2	57	5
9FWIS522	.9	6	11	15	1	60	5
9FWIS523	.8	5	22	28	2	73	5
9FWIS524	1.9	1	21	19	1	873	10
9FWIS525	1.1	4	8	16	1	92	5
9FWIS526	.9	1	8	15	1	76	5
9FWIS527	.6	1	8	18	1	114	5
9FWIS528	.3	1	6	11	1	47	5
9FWIS529	.4	1	6	19	1	80	5
9FWIS530	.6	15	9	17	1	54	5
9FWIS531	1.0	7	6	11	1	55	5
9FWIS532	1.0	3	25	23	1	136	5
9FWIS533	.9	1	9	18	1	69	5
9FWIS534	.7	1	24	19	1	106	5
9FWIS535	.7	4	7	15	1	76	5
9FWIS536	.6	5	9	17	1	118	5
9FWIS537	.6	1	7	17	1	73	5
9FWIS538	.3	11	23	22	2	73	5
9FWIS539	.5	1	16	22	1	93	5
9FWIS540	.5	1	9	19	1	120	5
9FWIS541	1.1	4	24	17	1	113	5
9FWIS542	.6	1	8	13	1	68	5
9FWIS543	.2	1	8	14	1	65	5
9FWIS544	.3	3	20	20	1	72	5
9FWIS545	.5	1	9	11	1	66	5
9FWIS545DUP	1.3	2	20	22	1	134	5
9FWIS546	2.3	1	7	15	1	204	5



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TELEFAX VIA U.S.A. 17601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA R4N 7G7
TELEPHONE: (705) 264-9996

AUG 22 1989

Assay Certificate

Ans'd 9V-0889-RA1

Company: MINNOVA INC.
Project: WIKIUP BAR 215
Attn: I. PIRIE/C. CLAYTON

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

Date: AUG-22-89

We hereby certify the following Assay of 30 ROCK samples submitted AUG-22-89 by K. HOFMANN.

Sample Number	LOI %
9CWKL220	4.35
9CWKL221	3.80
9CWKL222	1.65
9CWKL223	2.70
9CWKL224	4.10

9CWKL225	3.10
9CWKL226	3.80
9CWKL227	7.30
9CWKL228	2.95
9CWKL229	5.90

9CWKL230	7.90
9CWKL231	4.50
9CWKL232	4.80
9CWKL233	2.30
9CWKL234	3.35

9CWKL235	4.20
9CWKL236	6.10
9CWKL237	3.35
9CWKL238	4.40
9CWKL239	2.50

9CWKL240	4.60
9CWKL241	5.80
9CWKL242	4.90
9CWKL243	4.65
9CWKL244	3.85

9CWKL245	5.70
9CWKL246	3.90
9CWKL247	3.80
9CWKL248	5.00
9CWKL249	4.00

Certified by _____

[Signature]

MIN-EN LABORATORIES



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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

Assay Certificate

9V-0889-RA2

Company: MINNOVA INC.
Project: WIKIUP BAR 215
Attn: I. PIRIE/C. CLAYTON

Date: AUG-22-89
Copy 1. MINNOVA INC. VANCOUVER, B.C.
2. MINNOVA INC. BARRIERE, B.C.

We hereby certify the following Assay of 9 ROCK samples submitted AUG-22-89 by K. HOFMANN.

Sample Number	LOI %
9CWKL250	4.20
9CWKL251	2.35
9CWKL252	5.00
9CWKL253	4.25
9CWKL254	5.40
9CWKL256	4.50
9CWKL257	6.40
9CWKL258	5.00
9CWKL259	5.80
9CWKL259	

Certified by *[Signature]*
MIN-EN LABORATORIES

COMP: MINNOVA INC.
 PROJ: BAR 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0876-SJ1+2
 DATE: AUG-17-89
 * TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9FWIS180	.5	1	7	18	1	88	5
9FWIS181	.8	1	12	22	1	88	5
9FWIS182	1.1	1	12	12	1	69	5
9FWIS183	.4	13	20	20	1	56	5
9FWIS184	.2	12	11	13	1	64	5
9FWIS185	.1	1	1	5	1	59	5
9FWIS186	1.1	9	12	14	1	111	5
9FWIS187	.8	3	5	19	1	105	5
9FWIS188	.2	1	2	10	1	92	5
9FWIS189	.5	5	1	5	1	67	5
9FWIS190	.4	3	11	17	3	76	10
9FWIS191	.2	1	2	13	1	56	5
9FWIS192	.3	6	7	16	1	72	5
9FWIS193	.7	1	2	16	1	60	5
9FWIS194	.7	1	17	19	1	109	5
9FWIS195	.7	10	5	11	1	61	5
9FWIS196	1.3	10	14	24	2	81	5
9FWIS197	1.1	9	15	26	2	77	5
9FWIS198	1.7	10	48	32	1	120	5
9FWIS199	.9	7	5	16	1	82	5
9FWIS200	.5	9	12	23	3	75	5
9FWIS201	1.0	3	19	21	1	151	5
9FWIS202	.7	1	45	29	1	110	5
9FWIS203	.9	5	5	12	1	83	10
9FWIS204	.9	9	11	20	3	80	5
9FWIS205	1.1	3	12	14	1	86	5
9FWIS206	1.3	2	10	17	1	98	5
9FWIS207	1.0	1	9	22	1	86	5
9FWIS208	.8	1	41	25	2	122	5
9FWIS209	.7	15	5	13	1	84	5
9FWIS210	.7	11	14	21	1	68	5
9FWIS211	.4	1	13	21	1	67	5
9FWIS212	.6	5	9	11	1	73	5
9FWIS213	.1	1	10	14	1	76	5
9FWIS214	.2	1	11	12	1	97	5
9FWIS215	.6	1	26	20	1	116	5
9FWIS216	.5	1	14	20	1	117	5
9FWIS217	.7	1	10	14	1	73	5
9WWI001	1.0	1	13	16	1	94	5
9WWI002	.3	1	13	19	1	95	5
9WWI003	.4	1	6	14	1	75	5
9WWI004	.1	4	8	16	1	87	5
9WWI005	.5	1	7	16	1	65	5
9WWI006	.3	1	10	12	1	83	5
9WWI007	1.0	1	24	22	3	71	5
9WWI008	.7	5	8	29	1	78	5
9WWI009	.6	6	9	11	1	74	5
9WWI010	.6	1	9	13	2	89	5
9WWI011	.5	1	10	16	2	91	5
9WWI012	.9	10	17	14	1	46	5
9WWI013	1.1	13	18	21	2	54	10
9WWI014	1.0	3	20	9	1	48	5
9WWI015	.7	3	7	11	2	73	5
9WWI016	.9	11	29	19	2	81	5
9WWI017	1.2	13	35	27	4	181	5
9WWI018	.6	3	14	16	1	87	5
9WWI019	.7	9	7	12	2	63	5
9WWI020	.7	6	16	17	1	70	5
9WWI021	.9	8	14	13	2	76	5
9WWI022	.5	1	7	12	1	66	5

COMP: MINNOVA INC.
 PROJ: BAR 215
 ATTN: I.PIRIE/D.NEBERLEIN

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-0876-SJ3+4
 DATE: AUG-17-89
 * TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9WWI023	.4	6	12	18	1	90	5
9WWI024	.2	1	7	14	1	99	5
9WWI025	.3	1	9	15	1	100	5
9WWI026	.3	2	5	7	1	67	5
9WWI027	.1	1	6	9	1	81	5
9WWI028	.7	1	10	13	1	90	5
9WWI029	.6	1	30	13	1	76	5
9WWI030	1.4	1	33	23	1	82	5
9WWI031	.4	7	19	19	1	59	5
9WWI032	.3	1	15	10	1	63	10
9WWI033	.1	6	18	13	1	43	5
9WWI034	.2	2	14	12	1	44	5
9WWI035	.3	1	9	13	1	76	5
9WWI036	.3	1	9	12	1	78	5
9WWI037	.2	6	11	12	1	64	5
9WWI038	.6	5	9	13	1	80	5
9WWI039	.8	10	11	17	2	99	5
9WWI040	.4	1	12	23	1	99	10
9JZTS434	3.2	10	68	30	3	107	5
9JZTS435	.6	14	25	16	1	57	10
9JZTS436	1.0	3	24	12	1	82	5
9JZTS437	.9	1	8	12	1	85	5
9JZTS438	.8	9	10	13	1	55	5
9JZTS439	.9	6	34	17	1	83	5
9JZTS441	.5	10	9	17	1	113	5
9JZTS442	.6	1	10	13	2	129	5
9JZTS443	.7	5	7	15	3	101	5
9JZTS444	.6	8	9	11	2	72	5
9JZTS445	.9	18	18	18	4	95	5
9JZTS446	1.0	1	18	16	1	63	5
9JZTS447	.2	1	25	15	1	87	5
9JZTS448	.1	8	2	5	1	52	5
9JZTS449	.8	4	11	16	1	135	5
9JZTS450	.7	8	7	13	1	106	5
9JZTS451	.4	1	8	11	1	135	5
9JZTS452	.2	5	13	15	1	155	5
9JZTS453	.7	8	9	16	1	94	5
9JZTS454	.6	7	8	15	1	80	5
9JZTS455	.7	6	13	16	1	58	5
9JZTS457	.4	5	11	13	1	73	5
9JZTS458	.6	13	10	19	1	104	5
9JZTS459	.5	12	12	15	2	75	5
9JZTS460	.2	10	17	18	2	77	5
9JZTS461	1.8	9	26	24	3	183	5
9JZTS462	1.0	13	19	15	1	104	5
9JZTS463	.8	10	15	15	1	123	5
9JZTS464	1.3	8	36	21	2	101	5
9JZTS465	.5	6	8	12	1	78	5
9JZTS466	.4	13	7	13	1	43	10
9JZTS467	.5	7	7	12	1	51	5
9JZTS468	.5	17	10	17	1	57	5
9JZTS469	.2	9	12	13	1	55	5
9JZTS470	.2	6	9	15	1	67	5
9JZTS471	.5	16	13	12	2	58	5
9JZTS472	.1	11	7	16	1	84	5
9JZTS473	.5	2	40	32	3	119	5
9JZTS474	.2	6	10	15	1	64	5
9JZTS475	.5	11	10	10	1	55	5
9JZTS476	.4	10	7	13	1	63	5
9JZTS477	.5	6	11	15	1	56	5



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33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0610-RA1

Company: MINNOVA INC.
Project: 215 DIXON LAKE
Attn: I. PIRIE/D. HEBERLEIN

Date: JUL-12-89

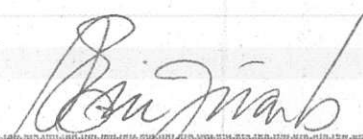
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 8 ROCK samples submitted JUL-02-89 by KELLY SEXSMITH.

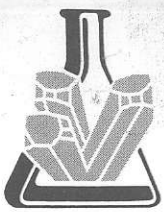
Sample Number	LOI %
9CDLL066	3.35
9CDLL067	1.55
9CDLL068	1.35
9CDLL069	3.50
9CDLL070	2.50

9CDLL071	5.80
9CDLL072	3.55
9CDLL073	3.30

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

Assay Certificate

9V-0609-RA1

Company: MINNOVA INC.
Project: 215
Attn: I. PIRIE/D. HEBERLEIN

Date: JUL-03-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 5 ROCK samples submitted JUL-02-89 by KELLY SEXSMITH.

Sample Number	LOI %
9CDLL074	4.15
9CDLL075	5.95
9CDLL076	5.10
9CDLL077	1.80
9CDLL078	1.35

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JUL 14 1989
Ans'd

Certified by *[Signature]*
MIN-EN LABORATORIES

COMP: MINNOVA INC.
 PROJ: 215
 ATTN: I.PIRIE/D.HEBERLEIN

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-0609-RL1
 DATE: JUL-12-89
 * TYPE LITHO GEOCHEM * (ACT:F26)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SI02 %	TIO2 %	S %	TOT(%)
9CDLL074	14.95	.270	1.69	7.20	2.51	3.46	.15	4.36	.14	59.51	.48	.19	94.91
9CDLL075	18.10	.520	2.20	9.02	2.63	4.68	.21	4.98	.22	49.63	.71	.36	93.24
9CDLL076	17.47	.350	2.39	6.73	2.36	3.50	.15	6.63	.18	53.78	.63	.24	94.41
9CDLL077	12.04	.010	.01	2.93	.12	.12	.04	7.46	.01	74.23	.25	1.23	98.44
9CDLL078	14.59	.080	.01	2.40	.61	.14	.01	8.38	.01	71.05	.46	.25	97.95

RECEIVED
 JUL 14 1989
 Ans'd

COMP: MINNOVA INC.
 PROJ: BAR 215
 ATTN: D.HEBERLEIN/I.PIRIE

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-0603-SG1+2
 DATE: JUL-09-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9LDLS176	.7	1	22	18	1	132	5
9LDLS177	.7	1	14	11	1	154	10
9LDLS178	1.2	1	18	18	1	136	10
9LDLS179	1.6	1	32	14	1	157	5
9LDLS180	.7	1	14	6	1	113	5
9LDLS181	2.5	9	23	7	1	205	5
9LDLS182	1.0	25	50	62	1	226	5
9LDLS183	.9	25	60	43	1	174	10
9LDLS184	.6	19	69	44	1	152	5
9LDLS185	.2	9	18	20	1	246	10
9LDLS186	.4	9	28	15	1	158	5
9LDLS187	.5	1	9	10	1	87	5
9LDLS188	.5	1	11	11	1	146	5
9LDLS189	.5	10	18	15	1	120	30
9LDLS190	.8	2	33	27	1	139	10
9LDLS191	.6	6	30	24	1	176	5
9LDLS192	.2	1	10	10	1	88	5
9LDLS193	.4	3	24	19	1	107	5
9LDLS194	.7	6	14	12	1	208	5
9LDLS195	.6	11	13	13	1	128	5
9LDLS196	.5	4	29	21	1	151	10
9LDLS197	.6	18	24	17	1	155	5
9LDLS198	.6	3	16	14	1	109	5
9LDLS199	.2	2	10	11	1	90	5
9LDLS200	.7	8	19	17	1	119	10
9LDLS201	.7	10	11	15	1	83	5
9LDLS202	.9	1	11	15	1	113	10
9LDLS203	.5	1	11	11	1	81	5
9LDLS204	.6	3	13	14	1	93	5
9LDLS205	.1	1	10	10	1	101	5
9LDLS206	.2	2	13	11	1	110	10
9LDLS207	.3	3	28	21	1	105	5
9LDLS208	1.0	1	11	7	1	91	5
9LDLS209	1.0	1	27	24	1	214	10
9LDLS210	.5	12	29	20	1	132	5
9LDLS211	.8	9	10	9	1	136	5
9LDLS212	.4	6	13	15	1	184	10
9LDLS213	.5	1	12	16	1	158	10
9LDLS214	.4	1	9	11	1	99	10
9LDLS215	1.7	11	25	10	1	176	5
9LDLS216	.5	13	30	19	1	154	5
9LDLS217	.8	5	7	7	1	100	5
9LDLS218	1.0	23	38	19	1	154	5
9LDLS219	.7	36	80	33	1	215	5
9LDLS220	.6	15	24	17	1	125	5
9LDLS221	.6	13	11	13	1	109	5
9LDLS222	.3	16	34	23	1	133	5
9LDLS223	.5	39	86	50	4	138	10
9LDLS224	.7	7	14	17	1	136	10
9LDLS225	.5	5	9	11	1	103	10
9LDLS226	.3	19	40	24	1	151	5
9LDLS227	1.2	25	14	14	1	185	5
9LDLS228	1.3	24	9	17	1	134	5
9LDLS229	.9	14	13	24	1	167	5
9LDLS230	.8	6	24	23	1	166	5
9LDLS231	.9	22	19	20	1	121	5
9LDLS232	.5	8	13	21	1	103	5
9LDLS233	.5	4	18	16	1	120	10
9LDLS234	.5	13	22	16	1	98	5

COMP: MINNOVA INC.
 PROJ: BAR 215
 ATTN: D.HEBERLEIN/I.PIRIE

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-0603-SG3+4
 DATE: JUL-09-89
 * TYPE SOIL GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
9LDLS235	.1	1	8	18	1	84	5
9LDLS236	.2	5	12	21	1	118	5
9LDLS237	.5	1	13	23	1	99	5
9LDLS238	.9	5	23	20	1	103	5
9LDLS239	.8	1	35	26	1	110	5
9LDLS240	.7	1	20	19	1	104	5
9LDLS241	.6	1	31	27	1	98	5
9LDLS242	.6	6	17	25	1	125	5
9LDLS243	.6	1	10	14	1	87	5
9LDLS244	.6	1	20	20	1	107	5
9LDLS245	.6	2	20	19	1	118	5
9LDLS246	.7	4	14	13	1	100	5
9LDLS247	.4	1	25	22	1	101	5
9LDLS248	.5	5	13	14	1	93	5
9LDLS249	.6	1	11	11	1	85	5
9LDLS250	.6	1	12	9	1	64	5
9LDLS251	.4	12	16	16	1	51	5
9LDLS252	.6	4	9	11	1	99	5
9LDLS253	.5	4	8	11	1	103	5
9LDLS254	1.0	1	24	14	1	87	5
9LDLS255	.8	10	15	18	1	207	5
9LDLS256	.8	3	9	22	1	263	10
9DDL259	.5	26	92	41	1	146	5
9DDL260	.5	41	50	36	7	119	5
9DDL261	1.5	7	37	23	1	100	5
9DDL262	.4	2	10	13	1	110	5
9DDL263	.4	4	35	19	1	123	5
9DDL264	.6	1	18	17	1	141	5
9DDL265	.3	1	18	18	1	121	5
9DDL266	.5	1	12	16	1	75	5
9DDL267	.5	1	2	24	1	125	5
9DDL268	.6	1	1	18	1	91	5
9DDL269	.6	9	22	34	1	241	5
9DDL270	1.2	8	62	43	1	168	5
9DDL271	1.4	2	1	12	1	185	5
9DDL272	.6	6	1	12	1	185	5
9DDL273	.8	5	20	20	1	182	5
9DDL274	.7	3	4	11	1	162	5
9DDL275	.4	6	47	28	1	130	5
9DDL276	.5	4	1	14	1	103	5
9DDL277	.2	1	1	16	1	101	5
9DDL278	.3	1	1	11	1	110	5
9DDL279	.3	14	34	29	1	135	5
9DDL280	.3	15	2	21	1	170	5
9DDL281	.7	4	1	12	1	200	5
9DDL282	.5	20	49	36	2	154	5
9DDL283	.7	3	4	17	1	101	5
9DDL284	.4	6	10	18	1	99	5
9DDL285	.3	1	9	19	1	83	5
9DDL286	.5	4	1	20	1	103	5
9DDL287	.6	1	8	24	1	124	5
9DDL288	.6	1	14	23	1	128	5
9DDL289	.6	5	2	17	1	127	10
9DDL290	.6	1	1	16	1	109	5
9DDL291	.6	1	1	19	1	76	5
9DDL292	.5	4	1	15	1	95	5
9DDL293	.8	9	1	11	1	133	5
9DDL294	.2	7	31	26	1	119	5
9DDL295	.2	1	3	13	1	143	5
9LDLS257	.6	4	9	21	1	123	5



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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

Assay Certificate

9V-0590-RA1

Company: MINNOVA INC.
Project: FY 215
Attn: I. PIRIE/D. HEBERLEIN

Date: JUL-12-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 8 ROCKS samples submitted JUL-26-89 by C. CLAYTON.

Sample Number	LOI %
9SFYL001	3.00
9SFYL002	3.45
9SFYL003	3.90
9SFYL005	0.55
9SFYL006	4.50
9SFYL007	3.40
9SFYL008	3.15
9SFYL009	2.45



Certified by *[Signature]*
MIN-EN LABORATORIES



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

Assay Certificate

9V-0544-RA1

Company: MINNOVA INC.
Project: P/N 215 (FY)
Attn: I. PIRIE/D. HEBERLEIN

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

We hereby certify the following Assay of 19 ROCK samples submitted JUN-22-89 by C. CLAYTON.

Sample Number	LOI %
9FYL6039	2.75
9FYL6040	4.20
9FYL6041	2.90
9FYL6042	3.25
9FYL6043	8.80
9FYL6044	3.35
9FYL6045	2.90
9FYL6046	4.40
9FYL6047	3.35
9FYL6051	2.80
9FYL6052	3.00
9FYL6053	3.10
9FYL6054	16.80
9FYL6055	3.45
9FYL6056	3.60
9FYL6057	2.25
9FYL6060	2.65
9FYL6062	3.40
9FYL6063	3.00

Certified by

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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-0542-RA1

Company: MINNOVA INC.
Project: 215
Attn: I. PIRIE/D. HEBERLEIN

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

We hereby certify the following Assay of 24 ROCK samples
submitted JUN-22-89 by C. CLAYTON.

Sample Number	LOI %
9FYL6004	3.70
9FYL6005	3.90
9FYL6006	2.50
9FYL6007	2.95
9FYL6008	3.45

9FYL6011	4.10
9FYL6013	3.40
9FYL6014	4.60
9FYL6015	2.75
9FYL6016	3.25

9FYL6017	1.85
9FYL6018	3.20
9FYL6019	3.00
9FYL6020	3.10
9FYL6021	2.85

9FYL6022	2.50
9FYL6023	4.00
9FYL6024	3.55
9FYL6025	3.40
9FYL6026	3.20

9FYL6027	3.30
9FYL6028	3.70
9FYL6029	2.70
9FYL6030	4.10

Certified by

MIN-EN LABORATORIES

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
9DFVS229	.6	4	18	21	2	79	5
9DFVS230	.5	2	20	20	1	92	5
9DFVS231	.5	2	17	20	1	91	5
9DFVS232	.5	2	18	19	1	114	5
9DFVS233	.9	6	43	22	1	95	5
9DFVS234	.4	1	11	17	1	107	5
9DFVS235	.7	2	13	18	1	80	10
9DFVS236	.4	8	10	13	2	73	5
9DFVS237	.6	1	26	20	1	136	5
9DFVS238	.6	1	20	19	2	61	5
9DFVS239	.4	4	19	20	1	92	5
9DFVS240	.3	6	11	17	1	98	5
9DFVS241	.4	9	40	27	1	90	5
9DFVS242	.6	10	12	15	1	145	5
9DFVS243	.4	7	9	15	2	100	5
9DFVS244	1.1	1	18	22	1	134	5
9DFVS245	.8	4	34	29	1	88	10
9DFVS246	.7	5	12	17	1	159	5
9DFVS247	.6	12	20	16	1	93	5
9DFVS248	.6	3	21	18	1	87	5
9DFVS249	1.0	2	16	18	1	144	5
9DFVS250	1.2	4	22	19	2	69	5
9DFVS251	1.0	3	19	19	2	97	5
9DFVS252	.7	6	17	16	3	76	5
9DFVS253	.6	5	23	18	1	92	5
9DFVS254	.5	7	13	17	1	105	10
9DFVS255	.9	9	25	17	1	122	5
9DFVS256	.9	8	21	17	1	75	5
9DFVS257	.3	3	15	21	1	99	5
9DFVS258	1.0	16	23	24	1	79	5
9DFVS259	1.3	9	16	21	2	88	5
9DFVS260	.8	27	33	25	3	86	5
9DFVS261	.8	13	10	25	2	120	60
9DFVS262	1.1	4	18	23	2	56	5
9DFVS263	1.0	8	15	17	1	98	5
9DFVS264	1.3	7	24	29	1	70	10
9DFVS265	.7	9	11	20	1	84	5
9DFVS266	1.2	13	28	26	2	149	5
9DFVS267	.6	11	18	24	2	96	5
9DFVS268	.4	1	20	21	1	92	5
9DFVS269	.7	8	22	22	1	114	5
9DFVS270	.5	9	22	28	1	83	30
9DFVS271	.6	1	14	20	2	83	5
9DFVS272	.6	16	22	23	2	59	20
9DFVS273	.7	9	17	21	1	157	15
9DFVS274	.9	9	21	24	1	102	5
9DFVS275	.7	9	13	20	1	107	5
9DFVS276	.7	18	28	28	2	100	5
9DFVS247B	3.2	16	225	43	1	151	5



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TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

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

Geochemical Analysis Certificate

9V-0473-RG1

Company: MINNOVA INC.
Project: 215
Attn: I.PIRIE/D.HEBERLEIN

Date: JUN-16-89
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Geochemical Analysis of 2 ROCK samples submitted JUN-11-89 by C.CLAYTON.

Sample Number	CU PPM	PB PPM	ZN PPM	AG PPM	AU-FIRE PPB	SB PPM	AS PPM
9FYT6031	115	22	49	0.4	2	1	10
9FYT6032	18	50	20	1.5	3	2	3

Certified by _____

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TIMMINS OFFICE:
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 TIMMINS, ONTARIO CANADA P4N 7G7
 TELEPHONE: (705) 264-9996

Assay Certificate

9V-0473-RA2

Company: MINNOVA INC.
 Project: 215
 Attn: I.PIRIE/D.HEBERLEIN

Date: JUN-18-89
 Copy 1. MINNOVA INC., VANCOUVER, B.C.
 2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 6 ROCK samples
 submitted JUN-12-89 by C.CLAYTON.

Sample Number	LOI %
9FYL6033	2.85
9FYL6034	4.90
9FYL6035	5.10
9FYL6036	0.65
9FYL6037	1.15
9FYL6038	1.40

Certified by _____

MIN-EN LABORATORIES

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

FACT: P311 PAGE 1 OF 1

PROJECT NO: BAR 216

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

FILE NO: 92770470 B333016

ATTENTION: D. HEBERLEIN/I. FIRIE

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

* TYPE SOIL SEDCHEN1 * DATE: 04-10-1997

(VALUES IN PPM)	AS	CS	CU	FE	SB	ZN	AU-PPB
9DFYS098	.8	17	42	39	2	114	5
9DFYS099	.3	7	20	24	1	66	10
9DFYS100	.7	1	11	16	1	80	5
9DFYS101	.3	3	9	14	1	107	5
9DFYS102	.2	1	7	16	1	100	5
9DFYS103	.1	2	10	16	1	82	5
9DFYS104	.2	2	15	23	1	130	5
9DFYS105	.2	2	12	23	1	78	5
9DFYS106	.2	9	13	23	1	80	5
9DFYS107	.5	4	11	19	1	115	5
9DFYS108	.3	2	14	19	1	86	10
9DFYS109	.5	2	10	17	1	147	5
9DFYS110	.3	1	10	17	1	144	5
9DFYS111	.7	1	9	17	1	109	5
9DFYS112	.5	14	17	25	1	93	5
9DFYS113	.4	4	10	19	1	107	5
9DFYS114	.8	25	30	48	3	187	5
9DFYS116	.2	3	10	26	1	137	5
9DFYS117	.4	4	11	19	1	143	10
9DFYS118	.4	6	10	22	1	121	10
9DFYS119	.5	4	22	31	2	140	5
9DFYS120	1.0	15	59	36	3	168	5
9DFYS121	1.5	28	56	51	5	141	5
9DFYS122	1.1	27	45	38	3	110	10
9DFYS123	.4	17	18	27	2	128	5
9DFYS124	.6	5	12	25	1	190	15
9DFYS125	.6	9	8	21	1	168	5
9DFYS126	.3	15	21	27	1	119	5
9DFYS212	.9	7	13	21	1	117	5
9DFYS213	.7	1	11	24	1	115	5
9DFYS215	.4	16	36	29	2	61	5
9DFYS216	.4	1	11	17	1	139	5
9DFYS217	.5	5	16	25	1	85	5
9DFYS218	.6	1	11	20	1	171	5
9DFYS219	.6	12	17	21	1	64	5
9DFYS220	.8	6	12	21	1	91	5
9DFYS221	.9	6	16	23	1	185	5
9DFYS222	.6	1	10	20	2	147	10
9DFYS223	.5	11	16	23	1	105	5
9DFYS224	.9	13	36	34	2	100	5
9DFYS225	.8	1	12	26	2	158	5
9DFYS226	.6	11	25	31	1	114	5
9DFYS227	.5	5	13	19	1	84	5
9DFYS228	.9	3	11	25	2	143	5

PROJECT NO: BAR 216

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

FILE NO: 9/V/7470/S/J/004

ATTENTION: D.HEBERLEIN/I.FIRIE

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

* TYPE SOIL GEOCHEM * DATE: 06-18-1989

(VALUES IN PPM)	AG	AS	CU	FB	SE	ZN	AU-FFB
9SFYS080	1.9	16	26	32	2	59	5
9SFYS081	1.7	23	18	30	2	51	10
9SFYS082	.7	7	9	16	1	47	5
9SFYS083	2.0	32	99	47	3	159	5
9SFYS084	1.2	21	43	43	3	150	5
9SFYS085	1.4	27	51	41	3	115	5
9SFYS086	1.1	26	62	37	2	128	5
9SFYS087	1.2	11	42	31	1	80	10
9SFYS088	1.2	31	75	40	2	130	10
9SFYS089	1.1	16	56	40	1	146	5
9SFYS090	1.2	25	98	38	2	120	5
9SFYS092	.7	22	45	35	1	86	5
9SFYS093	1.1	32	103	46	2	133	5
9SFYS094	.8	24	67	40	1	108	5
9SFYS095	1.1	17	34	37	1	74	5
9SFYS096	.7	25	48	35	1	108	5
9SFYS097	.7	11	19	33	1	113	5
9SFYS098	.6	15	23	34	1	92	5
9SFYS099	.2	6	19	32	1	79	10
9SFYS100	.6	18	30	33	2	92	20
9SFYS101	.3	8	12	26	1	147	5
9SFYS102	.5	5	14	20	1	113	10
9SFYS104	.3	12	18	28	1	166	5
9SFYS105	.5	8	31	29	1	91	5
9SFYS106	1.1	18	21	29	1	61	5
9SFYS107	1.0	13	23	28	1	77	5
9SFYS108	1.2	28	40	40	3	77	5
9SFYS109	.5	8	21	29	1	87	5
9SFYS110	.7	25	34	30	1	81	5
9SFYS111	.7	10	20	34	1	97	5
9SFYS112	1.5	20	83	35	1	97	5
9SFYS113	.3	1	16	15	1	86	10
9SFYS114	.1	10	16	28	1	70	5
9SFYS115	.7	7	12	16	1	63	5
9SFYS116	.6	3	12	15	1	36	5
9SFYS117	.8	5	26	30	1	84	5
9SFYS118	.5	7	13	26	1	138	5
9SFYS119	.6	14	24	28	1	111	5
9SFYS120	1.0	13	20	25	1	65	5
9SFYS121	1.2	19	26	29	1	89	10
9SFYS122	.8	14	25	29	1	80	10
9SFYS123	.9	11	18	27	1	74	5
9SFYS124	.7	1	22	24	1	70	5
9SFYS125	1.0	20	45	31	1	109	5
9SFYS126	2.2	49	190	51	5	149	5
9SFYS127	1.1	6	29	32	1	89	5
9SFYS128	1.2	6	26	28	1	105	10
9SFYS129	1.5	17	30	33	2	78	5
9SFYS130	1.1	22	27	26	1	118	5
9SFYS131	.7	11	32	29	1	107	5
9SFYS132	.5	9	23	28	1	116	5
9SFYS133	.5	14	23	31	1	70	5
9SFYS134	.5	10	25	26	1	81	10
9SFYS135	.6	15	46	40	1	122	5
9SFYS136	.4	12	27	27	1	122	5
9SFYS137	.5	21	31	34	1	72	5
9DFYS094	.8	16	42	55	2	170	5
9DFYS095	.4	1	14	31	1	205	5
9DFYS096	.5	3	11	25	1	114	10
9DFYS097	.3	1	10	17	1	102	5

PROJECT NO: BAR 216

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

FILE NO: 9/V/0470/S/1/003

ATTENTION: D. HEBERLEIN/I. PIRIE

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

* TYPE SOIL GEOCHEM * DATE: 05-18-1999

(VALUES IN PPM)	AG	AS	CU	FB	SB	ZN	AU-FPB
9CFYS043	.7	8	35	33	1	85	10
9CFYS001	.1	8	19	21	1	68	5
9CFYS002	.7	1	10	23	1	147	5
9CFYS003	.2	2	84	22	1	46	5
9CFYS004	.4	1	12	23	1	125	5
9CFYS005	.2	9	20	24	1	93	5
9CFYS006	.5	2	26	25	1	111	5
9CFYS007	.7	8	25	31	1	89	10
9CFYS008	.7	7	20	26	1	125	5
9CFYS009	.4	9	26	27	1	77	5
9CFYS010	.8	4	16	21	1	90	10
9CFYS011	.4	1	9	25	1	114	10
9CFYS012	.8	9	19	33	2	102	5
9CFYS013	.6	5	13	25	1	88	5
9CFYS014	.4	3	16	19	1	70	5
9CFYS015	.2	1	14	20	1	202	5
9CFYS016	.4	10	15	30	1	112	10
9CFYS017	.4	12	25	23	1	71	5
9CFYS018	.8	6	13	25	1	125	5
9CFYS019	.9	7	22	25	1	111	5
9CFYS020	.9	13	12	25	2	148	5
9CFYS021	.7	8	13	21	1	138	5
9CFYS022	.8	8	14	24	1	127	5
9CFYS023	1.0	5	12	22	1	135	5
9CFYS024	.8	10	18	26	1	103	5
9CFYS025	.9	1	10	22	1	161	10
9CFYS026	.9	1	10	18	1	137	5
9CFYS027	.9	5	13	19	1	106	5
9CFYS028	1.3	15	41	40	2	197	5
9CFYS029	.4	4	27	35	1	175	5
9SFYS048	.6	8	26	30	1	106	5
9SFYS049	.4	6	17	25	1	167	5
9SFYS050	.7	1	13	21	1	127	5
9SFYS051	.4	3	24	26	1	122	10
9SFYS052	4.2	48	243	65	5	173	5
9SFYS053	.8	14	39	33	1	93	5
9SFYS054	.2	1	7	7	1	47	5
9SFYS055	.1	1	10	17	1	96	5
9SFYS056	.7	20	36	33	2	108	10
9SFYS057	1.2	25	24	31	4	96	5
9SFYS058	.4	14	24	27	2	83	5
9SFYS059	.5	1	14	19	1	110	5
9SFYS060	.8	12	25	18	2	81	5
9SFYS061	.6	4	14	21	1	108	5
9SFYS062	.6	3	17	21	1	105	5
9SFYS063	.5	4	20	27	1	161	5
9SFYS064	.6	5	22	21	1	96	10
9SFYS067	1.2	24	35	35	3	108	5
9SFYS068	.7	7	21	25	1	107	10
9SFYS069	.7	5	18	18	1	119	5
9SFYS070	.5	1	12	14	1	88	5
9SFYS071	.5	1	13	17	1	102	5
9SFYS072	.7	5	15	19	1	83	10
9SFYS073	.9	26	37	33	2	72	5
9SFYS074	.7	5	15	21	1	157	5
9SFYS075	.8	5	22	24	1	145	5
9SFYS076	1.7	21	25	33	4	86	10
9SFYS077	1.4	15	19	24	2	91	5
9SFYS078	1.3	5	17	20	2	82	5
9SFYS079	1.5	18	22	27	1	62	5

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

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PROJECT NO: BAR 216

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

FILE NO: 9/V/0470/S/J/002

ATTENTION: D. HEBERLEIN/J. FIRIE

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

* TYPE SOIL GEOCHEM * DATE: 06-18-1989

(VALUES IN PPM)	AG	AS	CU	FB	SB	ZN	AU-PPB
9KFYS147	.6	7	18	21	1	114	5
9KFYS148	.5	8	15	23	1	127	5
9KFYS149	.4	1	19	20	1	125	5
9KFYS150	.8	1	9	17	1	123	5
9KFYS151	.3	6	11	21	1	86	5
9KFYS152	.3	15	20	22	1	69	10
9KFYS153	.4	16	20	31	1	80	5
9KFYS154	.6	2	13	20	1	127	5
9KFYS155	.6	3	10	22	1	138	5
9KFYS156	.6	1	9	14	1	135	5
9KFYS157	.4	1	15	20	1	110	5
9KFYS158	.4	8	18	27	1	101	5
9KFYS159	.2	2	12	19	1	107	10
9KFYS160	.6	3	8	18	1	91	5
9KFYS161	.3	1	10	18	1	121	5
9KFYS162	.4	3	12	21	1	105	5
9KFYS163	.5	3	12	24	1	150	10
9KFYS164	.7	13	29	32	1	80	5
9JFYS001	.8	4	19	18	1	115	5
9JFYS002	.7	12	13	24	2	115	5
9JFYS003	.9	15	17	24	2	98	5
9JFYS004	.7	8	9	20	1	120	5
9JFYS005	.3	7	16	23	1	78	10
9JFYS006	.6	6	8	20	1	134	5
9JFYS007	1.0	10	17	38	2	130	5
9JFYS008	.8	20	14	28	3	130	5
9JFYS009	1.9	23	28	32	5	154	5
9JFYS010	1.1	13	55	33	3	123	5
9JFYS011	1.2	10	28	30	3	96	5
9JFYS012	.8	10	13	21	1	91	5
9JFYS013	.4	5	12	23	1	98	5
9JFYS014	.2	3	7	19	1	78	10
9JFYS015	.2	3	8	19	1	60	5
9JFYS016	.5	1	19	21	1	81	10
9JFYS017	.9	11	41	32	1	83	5
9JFYS018	1.1	1	21	24	1	60	5
9JFYS019	1.1	7	10	21	1	95	20
9JFYS020	.9	14	12	25	1	72	10
9JFYS021	.8	6	14	23	1	92	5
9JFYS022	1.3	10	15	23	1	42	5
9JFYS023	1.3	16	24	26	2	45	5
9JFYS024	.6	3	10	22	1	79	10
9JFYS025	1.2	18	23	33	2	69	5
9JFYS026	.7	8	10	24	1	74	5
9JFYS027	.4	8	12	28	1	110	5
9JFYS028	1.3	14	35	34	2	121	5
9JFYS029	1.0	8	17	27	1	108	210
9JFYS030	.9	6	12	28	1	126	5
9JFYS031	1.5	13	44	34	2	173	5
9JFYS032	1.5	17	30	32	3	96	5
9JFYS033	1.3	8	10	21	1	102	5
9JFYS034	1.6	2	7	20	1	71	10
9JFYS035	1.9	14	13	27	1	62	5
9JFYS036	2.2	23	16	31	2	39	5
9JFYS037	1.5	14	12	24	2	84	5
9JFYS038	1.4	23	20	38	2	110	10
9JFYS039	1.3	24	50	33	4	167	5
9JFYS040	1.1	5	11	28	1	148	20
9JFYS041	.6	11	30	41	2	132	5
9JFYS042	1.1	11	19	30	1	128	5

PROJECT NO: BAR 216

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

FILE NO: 9/V/0470/S/J/001

ATTENTION: D.HEBERLEIN/I.PIRIE

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

* TYPE SDIL GEOCHEM * DATE: 06-13-1989

(VALUES IN PPM)	AG	AS	CU	PB	SB	ZN	AU-PPB
9KFYS001	.1	6	23	39	1	169	5
9KFYS002	.3	1	17	23	1	212	5
9KFYS003	.2	1	17	36	1	147	5
9KFYS004	.6	3	24	36	1	128	5
9KFYS005	.7	5	17	22	1	161	5
9KFYS006	.8	21	47	41	3	131	5
9KFYS007	.6	5	19	37	3	191	10
9KFYS008	.7	7	16	29	1	114	10
9KFYS009	.5	1	14	33	1	197	5
9KFYS010	.6	3	27	36	1	165	5
9KFYS012	.4	9	39	46	1	159	5
9KFYS013	.6	34	89	53	3	153	5
9KFYS014	.4	1	14	42	1	279	10
9KFYS015	.2	12	22	44	1	92	5
9KFYS016	.1	18	32	66	1	78	5
9KFYS017	.3	13	16	34	1	152	5
9KFYS018	.5	1	16	36	1	221	5
9KFYS019	.8	48	29	57	2	677	5
9KFYS020	.7	87	17	616	2	779	5
9KFYS021	.3	1	14	224	1	360	5
9KFYS022	.2	6	15	32	1	200	5
9KFYS023	.6	1	10	24	1	122	10
9KFYS024	.9	8	22	30	2	118	5
9KFYS025	.5	12	24	54	2	296	5
9KFYS026	.6	11	17	31	1	140	5
9KFYS027	.7	7	27	40	2	106	5
9KFYS028	.4	1	9	32	1	179	10
9KFYS029	.4	4	18	31	1	149	5
9KFYS030	.4	1	12	25	1	226	5
9KFYS031	.4	1	13	84	1	313	5
9KFYS032	.2	1	16	27	1	110	5
9KFYS033	.1	1	14	21	1	115	10
9KFYS034	.4	1	13	27	1	113	10
9KFYS035	.5	1	17	26	1	112	5
9KFYS036	.3	2	12	24	1	96	5
9KFYS037	.5	1	11	26	1	87	5
9KFYS038	.4	2	10	23	1	83	10
9KFYS041	.5	4	49	51	1	82	10
9KFYS042	.1	1	9	17	1	115	5
9KFYS043	.6	1	10	23	1	59	5
9KFYS044	.4	1	15	29	1	96	5
9KFYS045	.6	3	8	22	1	133	5
9KFYS046	.2	1	5	15	1	67	5
9KFYS047	.8	6	17	30	2	83	5
9KFYS048	.8	2	9	21	1	108	260
9KFYS049	.7	4	13	24	2	90	10
9KFYS050	.9	6	38	28	3	94	5
9KFYS051	.7	16	27	32	1	71	5
9KFYS052	.6	15	19	26	2	56	10
9KFYS053	.3	1	11	18	1	67	5
9KFYS054	.9	12	31	33	3	97	5
9KFYS055	.8	14	34	34	4	78	5
9KFYS138	.2	7	14	19	1	138	5
9KFYS139	.5	3	12	20	1	78	5
9KFYS140	.2	10	23	22	1	68	10
9KFYS141	.5	2	13	24	1	101	5
9KFYS142	.2	14	21	26	1	89	5
9KFYS143	.6	17	20	30	3	98	10
9KFYS144	.4	14	11	24	2	100	10
9KFYS145	.4	1	4	14	1	76	5