MIN-EN 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

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

Last Chance
824056

Assay Certificate

OV-0755-RA1

RECEIVED JUL 10 1990 Ans'd

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: JUL-05-90
1. MINNOVA INC.,VANCOUVER, B.C.
2. MINNOVA INC., SAVONA, B.C.

We hereby certify the following Assay of 11 ROCK samples submitted JUN-25-90 by C.CLAYTON.

Sample Number	LOI %
OCLCL001	3.70
OCLCL002	1.35
OCLCL003	3.40
OCLCL004	6.40
OCLCL005	9.00
OCLCL006	21.30
OCLCL014	6.50
OCLCL016	7.50
OCLCL017	12.50
OCLCL018	2.80
OCLCL019	3.15

Certified by

MIN-EN LABORATORIES

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0755-RJ1
DATE: 90/07/05
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
0CLCL001	.8	1	87	58	15	1	31	5	195
0CLCL002	.5	1	68	141	16	1	16	5	5
0CLCL003	.4	1	45	199	16	1	28	15	170
0CLCL004	1.3	1	42	2322	16	1	15	130	720
0CLCL005	.9	1	324	41	16	1	18	5	170
0CLCL006	2.4	1	122	15	31	6	35	15	10
0CLCL014	.9	1	806	28	20	1	55	5	40
0CLCL016	.8	21	80	27	20	5	35	10	5
0CLCL017	1.0	8	153	813	21	2	28	15	285
0CLCL018	1.9	1	45	11	10	1	12	5	5
0CLCL019	.6	1	36	17	14	1	13	10	5

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0755-RL1
DATE: 90/07/05
* ROCK * (ACT:FIRE)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SIO2 %	TIO2 %	S %	TOT(%) %
0CLCL001	15.45	.020	6.19	10.40	.26	2.44	.17	3.78	.21	55.08	1.18	.04	95.23
0CLCL002	15.58	.010	8.80	9.59	.44	9.51	.14	2.78	.28	49.42	.94	.15	97.63
0CLCL003	15.91	.015	4.89	10.61	.43	1.88	.12	3.64	.24	57.06	1.14	.15	96.05
0CLCL004	17.51	.015	5.43	9.02	1.07	2.12	.11	3.44	.23	52.69	.71	.92	93.25
0CLCL005	15.41	.045	7.12	10.47	1.34	2.36	.14	1.89	.34	50.12	.83	.07	90.14
0CLCL006	8.58	.015	23.99	10.91	.39	2.93	.35	.91	.28	29.28	.34	.18	78.15
0CLCL014	18.62	.185	6.78	6.76	1.62	2.51	.12	4.07	.48	50.18	1.14	.07	92.54
0CLCL016	14.83	.020	5.82	9.26	.37	2.17	.17	2.86	.25	54.56	1.16	.04	91.49
0CLCL017	18.06	.020	5.77	8.52	.74	2.70	.15	1.05	.24	48.17	1.09	.09	86.61
0CLCL018	16.26	.030	7.66	10.92	.52	3.37	.14	3.04	.26	52.86	1.24	.03	96.34
0CLCL019	17.30	.070	3.81	3.57	1.52	1.63	.05	4.89	.19	62.36	.40	.02	95.80

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0755-SJ1+2
DATE: 90/07/04
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
OHLCS001	1.2	1	142	32	16	1	52	25	285
OHLCS002	1.3	1	152	33	13	1	57	5	330
OHLCS003	1.2	1	169	39	14	1	59	5	125
OHLCS004	1.0	1	262	52	17	1	66	5	430
OHLCS005	1.1	1	165	42	12	1	56	5	200
OHLCS006	.8	1	279	18	13	1	71	5	145
OHLCS007	1.1	1	163	31	12	1	65	5	1185
OHLCS008	1.2	1	194	30	13	1	98	5	80
OHLCS009	1.1	1	276	37	12	1	68	5	75
OHLCS010	.5	1	180	26	13	1	64	5	400
OHLCS011	.7	1	258	33	16	1	84	10	915
OHLCS012	1.0	1	236	36	15	1	72	5	975
OHLCS013	.6	1	242	27	17	1	72	5	4250
OHLCS014	.9	1	202	30	19	1	72	35	170
OHLCS015	1.0	1	164	28	14	1	80	10	145
OHLCS016	.3	1	210	26	16	1	73	5	185
OHLCS017	.9	1	249	17	19	1	74	5	220
OHLCS018	.3	1	272	31	12	1	82	5	245
OHLCS019	1.3	1	183	22	12	1	90	20	215
OHLCS020	1.2	1	197	25	13	1	79	5	125
OHLCS021	1.0	1	189	22	12	1	76	5	140
OHLCS022	1.2	1	171	21	14	1	74	5	75
OHLCS023	1.3	1	215	30	13	1	75	5	120
OHLCS024	1.2	1	206	28	18	1	65	5	160
OHLCS025	1.3	1	188	23	12	1	79	5	110
OHLCS026	1.1	1	154	26	15	1	69	15	85
OHLCS027	1.6	1	167	23	12	1	81	5	50
OHLCS028	1.3	1	235	33	17	1	49	20	300
OHLCS029	1.2	1	130	25	15	1	70	5	65
OHLCS030	1.0	1	161	19	16	1	76	5	60
OHLCS031	1.0	1	135	31	17	1	38	5	320
OHLCS032	.7	1	68	22	14	1	56	5	110
OHLCS033	1.0	1	90	26	12	1	62	5	130
OHLCS034	1.2	1	113	27	13	1	55	5	85
OHLCS035	1.1	1	119	21	14	1	61	5	100
OHLCS036	1.2	1	132	25	16	1	78	5	65
OHLCS037	1.3	1	113	19	16	1	71	5	120
OHLCS038	.9	1	123	19	16	1	70	10	130
OHLCS039	1.2	1	91	21	14	1	59	5	190
OHLCS040	.5	1	253	36	22	1	101	5	195
OHLCS041	.5	1	143	23	14	1	70	5	14000
OHLCS042	2.3	1	123	29	14	1	74	5	210
OHLCS043	2.4	1	103	24	14	1	63	5	160
OHLCS044	2.7	1	128	38	14	1	76	5	35
OHLCS045	2.9	1	121	26	14	1	68	5	250
OHLCS046	1.4	1	246	290	24	8	56	10	230
OHLCS047	3.2	1	148	30	14	1	75	5	105
OHLCS048	.6	1	494	50	14	1	93	5	110
OHLCS049	.7	1	194	21	15	1	76	5	110
OHLCS050	.5	1	300	38	17	1	109	5	95
OHLCS051	.1	1	301	39	19	1	85	5	190
OHLCS052	1.0	1	1007	33	23	1	54	5	500
OHLCS053	.3	1	334	31	16	1	76	5	220
OHLCS054	1.6	1	177	35	17	1	71	5	685
OHLCS055	1.0	1	856	27	21	1	65	5	130
OHLCS056	2.6	1	98	29	14	1	68	5	120
OHLCS058	2.6	1	88	39	14	1	69	5	110
OHLCS059	2.3	1	107	31	12	1	69	10	50
OHLCS060	1.9	1	106	23	14	1	75	10	1000
OHLCS061	2.0	1	130	21	14	1	93	5	80

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0755-SJ3+4
DATE: 90/07/04
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
OHLCS062	1.4	1	128	23	14	1	69	5	65
OHLCS063	1.2	1	133	24	14	1	66	5	1160
OHLCS064	1.8	1	92	30	14	1	56	5	120
OHLCS065	.5	1	212	26	17	1	68	5	1290
OHLCS066	.3	1	158	25	17	1	65	5	1535
OHLCS067	.6	1	261	20	18	1	78	5	545
OHLCS068	1.0	1	257	27	15	1	75	5	1020
OHLCS069	.8	1	246	22	16	1	71	5	440
OHLCS070	.4	1	249	21	18	1	74	60	165
OHLCS071	.6	1	224	28	20	1	71	5	720
OHLCS072	.3	1	238	18	22	1	69	5	700
OHLCS073	.6	1	299	18	17	1	117	5	65
OHLCS074	.2	1	312	18	18	1	89	5	145
OHLCS075	.8	1	182	21	15	1	87	10	200
OHLCS076	.6	1	145	19	21	1	69	5	3000
OHLCS077	.9	1	175	22	14	1	76	5	660
OHLCS078	.8	1	192	18	20	1	82	5	985
OHLCS079	.4	1	89	15	18	1	51	5	255
OHLCS080	1.1	1	167	18	18	1	66	5	265
OHLCS081	.7	1	192	15	14	1	98	5	500
OHLCS082	.4	1	290	37	22	1	69	20	1100
OHLCS083	1.4	1	127	21	15	1	67	25	85
OHLCS084	1.2	1	111	24	14	1	59	5	225
OHLCS085	1.5	1	127	24	17	1	68	5	275
OHLCS086	1.8	1	124	28	14	1	70	5	195
OHLCS087	1.8	1	101	23	14	1	63	5	230
OHLCS088	1.4	1	133	27	20	1	64	5	915
OHLCS089	1.2	1	138	27	18	1	66	5	410
OHLCS090	1.0	1	159	18	16	1	71	5	215
OHLCS091	1.1	1	224	22	17	1	90	5	255
OHLCS092	.6	1	150	19	14	1	70	5	795
OHLCS093	.4	1	126	16	15	1	64	5	475
OHLCS094	.7	1	148	20	14	1	62	5	1630
OHLCS095	.6	1	131	18	14	1	53	5	1750
OHLCS096	.8	1	121	17	15	1	62	15	620
OHLCS097	.7	1	149	12	20	1	70	10	710
OHLCS098	.5	1	155	20	16	1	66	5	2750
OHLCS099	.9	1	146	21	14	1	71	5	820
OHLCS100	.9	1	150	15	20	1	77	5	365
OHLCS101	.9	1	105	15	18	1	50	5	275
OHLCS102	1.0	1	173	24	16	1	59	5	485
OHLCS103	1.3	1	107	38	17	1	71	5	555
OHLCS104	1.5	1	103	57	14	1	66	5	75
OHLCS105	.9	1	129	35	20	1	55	5	35
OHLCS106	1.0	1	176	75	23	1	75	5	235
OHLCS107	1.2	1	117	115	15	1	60	5	65
OHLCS108	.9	1	268	60	18	1	68	5	450
OHLCS109	1.0	1	176	68	18	1	47	5	150
OHLCS110	1.0	1	160	67	16	1	50	5	45
OHLCS111	1.0	1	157	45	19	1	55	10	245
OHLCS112	1.4	1	210	59	14	1	64	5	60
OHLCS113	1.1	1	115	83	17	1	47	5	730
OHLCS114	1.7	87	352	63	19	1	49	5	140
OHLCS115	.9	1	227	43	18	1	66	5	80
OHLCS116	.9	1	159	109	14	1	55	5	145
OHLCS117	1.0	1	111	94	14	1	65	10	895
OHLCS118	1.1	1	177	53	18	1	79	5	280
OHLCS119	1.5	1	156	53	17	1	86	5	55
OHLCS120	1.6	1	257	57	16	1	63	5	45
OHLCS121	1.2	39	147	41	24	1	70	5	400

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0755-SJ5+6
DATE: 90/07/04
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
OHLCS122	.6	25	163	75	20	1	70	5	275
OHLCS123	.1	194	43	38	17	1	131	5	95
OHLCS124	.9	1	193	74	16	1	72	5	55
OHLCS125	.9	1	84	49	16	1	70	5	20
OHLCS126	1.2	1	157	41	14	1	73	5	15
OHLCS127	1.0	1	104	35	17	1	70	5	15
OHLCS128	1.4	1	94	32	18	1	50	5	25
OHLCS129	1.5	1	76	25	17	1	59	5	5
OHLCS130	1.0	1	114	66	23	1	78	5	5
OHLCS131	1.2	1	143	43	14	1	70	110	80
OHLCS132	1.1	1	113	28	18	1	69	5	25
OHLCS133	1.0	1	119	33	14	1	59	10	105
OHLCS134	1.1	1	123	30	16	1	78	5	30
OHLCS135	1.2	1	146	33	18	1	76	5	15
OHLCS136	1.1	1	125	28	14	1	67	5	20
OHLCS137	1.3	1	137	40	18	1	60	5	55
OHLCS138	1.3	1	139	40	14	1	61	5	40
OHLCS139	1.2	1	130	39	14	1	59	5	110
OHLCS140	1.2	1	139	41	16	1	55	5	145
OHLCS141	1.3	1	132	44	14	1	57	5	35
OHLCS142	1.5	1	138	41	16	1	67	5	5
OHLCS143	1.2	1	136	33	17	1	74	5	5
OGLCS001	1.1	1	130	29	16	1	59	10	130
OGLCS002	1.6	1	145	24	16	1	73	5	555
OGLCS003	.1	1	172	24	18	1	41	5	210
OGLCS005	1.0	1	180	32	17	1	64	5	450
OGLCS006	.7	1	197	41	19	1	57	5	195
OGLCS007	.8	1	202	35	16	1	69	5	255
OGLCS008	.5	1	307	43	16	1	59	5	555
OGLCS009	.3	1	239	40	14	1	48	.5	225
OGLCS010	.2	1	184	38	18	1	48	5	150
OGLCS011	.4	1	217	41	20	1	69	5	350
OGLCS012	.6	1	278	41	21	1	76	5	310
OGLCS013	.1	1	359	30	19	1	80	5	7625
OGLCS014	.6	1	199	21	19	1	79	5	325
OGLCS015	.6	1	192	24	18	1	87	5	135
OGLCS016	.6	1	221	22	18	1	82	60	240
OGLCS017	.1	1	224	30	21	2	89	5	2250
OGLCS018	.9	1	202	35	19	1	70	5	980
OGLCS019	1.6	1	242	33	17	1	52	5	945
OGLCS020	.8	1	213	30	20	1	57	5	260
OGLCS021	1.2	1	188	24	18	1	69	5	130
OGLCS022	1.0	1	150	23	17	1	76	5	60
OGLCS023	1.2	1	134	24	20	1	70	5	130
OGLCS024	1.0	1	138	19	21	1	70	5	5
OGLCS025	1.5	1	149	26	18	1	74	5	55
OGLCS026	1.1	1	160	29	19	1	78	5	5
OGLCS027	1.3	1	157	32	19	1	44	5	685
OGLCS028	.9	1	115	32	18	1	54	5	680
OGLCS029	.9	1	141	22	20	1	85	5	475
OGLCS030	.7	1	110	28	17	1	74	5	305
OGLCS031	1.0	1	106	24	15	1	81	10	45
OGLCS032	1.1	1	106	22	14	1	71	5	730
OGLCS033	1.2	1	158	21	20	1	86	5	85
OGLCS034	1.0	1	135	23	22	1	78	5	65
OGLCS035	1.0	1	168	18	21	1	97	10	890
OGLCS036	.9	1	152	23	20	1	90	5	15
OGLCS037	.8	1	137	18	20	1	76	5	60
OGLCS038	.8	1	186	24	19	1	96	25	75
OGLCS039	.7	1	139	19	19	1	76	35	110

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0755-SJ7+8
DATE: 90/07/04
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
OGLCS040	.3	1	128	21	16	1	71	5	670
OGLCS041	.2	1	173	34	20	1	73	5	1830
OGLCS042	1.1	1	174	31	20	1	64	5	795
OGLCS043	.8	1	175	30	14	1	65	5	245
OGLCS044	.7	1	193	19	21	1	78	10	165
OGLCS045	.5	1	219	28	20	1	73	5	265
OGLCS046	1.1	1	185	29	19	1	67	5	55
OGLCS048	1.0	1	182	24	15	1	77	5	175
OGLCS049	.8	1	166	24	15	1	76	5	220
OGLCS050	.6	1	232	22	22	1	89	15	75
OGLCS051	.1	29	330	38	20	2	82	10	120
OGLCS052	1.1	1	132	28	15	1	68	5	275
OGLCS053	.7	1	230	24	22	1	80	5	320
OGLCS054	.9	1	190	23	15	1	69	5	365
OGLCS055	.7	1	229	27	19	1	92	5	935
OGLCS056	.8	1	262	25	20	1	84	5	145
OGLCS057	1.1	1	155	23	18	1	53	5	120
OGLCS058	1.3	1	158	27	22	1	82	5	140
OGLCS059	.9	1	123	26	20	1	88	5	10
OGLCS060	1.0	1	117	26	17	1	69	5	210
OGLCS061	1.2	1	116	22	18	1	72	5	155
OGLCS062	1.5	1	119	20	15	1	74	5	1515
OGLCS063	1.5	1	114	19	20	1	73	5	440
OGLCS064	1.6	1	106	31	17	1	70	5	350
OGLCS065	1.3	1	131	29	17	1	72	5	220
OGLCS066	1.2	1	135	30	18	1	76	5	455
OGLCS067	1.2	1	123	26	23	1	89	5	175
OGLCS068	.6	1	135	22	17	1	78	5	205
OGLCS069	.9	1	127	22	19	1	79	5	210
OGLCS070	.8	1	123	20	16	1	76	5	220
OGLCS071	.2	1	125	21	14	1	77	5	115
OGLCS072	.3	1	170	21	17	1	69	5	375
OGLCS073	.4	1	153	21	11	1	74	5	165
OGLCS074	.5	1	162	21	20	1	95	5	240
OGLCS075	.6	1	177	18	20	1	73	5	195
OGLCS076	.5	1	148	20	17	1	67	5	395
OGLCS077	.3	1	230	24	19	1	77	5	1125
OGLCS078	.3	1	215	21	20	1	79	5	860
OGLCS079	.4	1	146	16	15	1	62	5	785
OGLCS080	.3	1	182	20	14	1	74	5	2875
OGLCS081	.5	1	171	21	18	1	77	5	3125
OGLCS082	.3	1	109	18	17	1	62	5	1485
OGLCS083	1.3	1	207	33	21	1	71	5	480
OGLCS084	1.5	1	247	43	17	1	73	5	470
OGLCS085	1.9	1	169	30	11	1	81	5	300
OGLCS086	1.3	1	155	26	18	1	59	5	115
OGLCS087	.9	1	172	21	18	1	67	5	130
OGLCS088	1.2	1	162	30	17	1	93	5	155
OGLCS089	1.6	1	206	27	14	1	110	5	215
OGLCS090	1.6	1	177	27	19	1	73	5	165
OGLCS091	1.8	1	164	44	17	1	77	5	395
OGLCS092	1.7	1	142	26	16	1	84	5	125
OGLCS093	1.8	1	122	37	13	1	78	5	100
OGLCS094	1.9	1	139	29	17	1	75	5	90
OGLCS095	1.7	1	35	38	10	1	87	5	45
OGLCS096	1.5	1	122	33	17	1	70	5	620
OGLCS097	2.0	1	165	28	19	1	90	5	200
OGLCS098	1.3	1	163	26	16	1	87	5	70
OGLCS099	1.0	1	167	27	16	1	107	5	1420
OGLCS100	1.1	1	154	23	16	1	103	5	95

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0755-SJ9
DATE: 90/07/04
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
OGLCS101	1.2	1	136	33	17	1	65	5	185
OGLCS102	1.2	1	159	27	20	1	80	10	5
OGLCS103	2.0	1	135	23	19	1	75	5	250

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0755-RJ2
DATE: 90/07/04
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
0CLCL007	.4	5	91	26	19	1	41	1	115
0CLCL008	.4	1	213	24	19	1	45	2	60
0CLCL009	.7	17	382	17	22	1	42	1	145
0CLCL010	.9	10	148	16	18	1	52	2	90
0CLCL011	.6	1	95	21	15	1	61	2	160
0CLCL012	.9	1	133	26	20	1	65	1	70
0CLCL013	.8	8	85	27	22	1	60	4	140
0CLCL015	.8	26	90	22	25	3	46	1	205

MIN-EN 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

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

RECEIVED
JUL 11 1990
Ans'd .....

Assay Certificate

OV-0782-RA1

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: IAN PIRIE/CAM CLAYTON

Date: JUL-09-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., SAVONA, B.C.

We hereby certify the following Assay of 13 ROCK samples submitted JUN-28-90 by CAM CLAYTON.

Sample Number	LOI %
OCLCL026	3.10
OCLCL028	5.80
OCLCL029	2.90
OCLCL030	3.70
OCLCL031	3.80
OCLCL032	5.80
OCLCL033	5.20
OCLCL034	5.80
OCLCL035	5.10
OCLCL036	7.20
OCLCL037	7.00
OCLCL039	2.95
OCLCL040	2.35

Certified by

MIN-EN LABORATORIES

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
ATTN: IAN PIRIE/CAM 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-0782-RJ2
DATE: 90/07/09
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
OCLCL026	.8	1	88	40	16	1	35	5	5
OCLCL028	1.2	1	148	30	27	1	49	5	5
OCLCL029	1.1	13	246	38	27	1	65	5	5
OCLCL030	1.5	1	474	40	28	1	64	5	5
OCLCL031	.8	1	113	32	28	1	67	5	5
OCLCL032	1.0	1	416	32	26	1	64	10	5
OCLCL033	2.0	1	154	26	21	1	76	5	5
OCLCL034	1.3	1	298	32	27	1	77	5	5
OCLCL035	1.4	1	135	29	27	1	75	5	10
OCLCL036	1.1	1	184	27	22	1	49	5	5
OCLCL037	1.9	5	159	26	27	1	57	5	5
OCLCL039	.9	11	86	178	23	1	21	10	1250
OCLCL040	2.4	1	93	14	24	1	17	10	5

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
ATTN: IAN PIRIE/CAM 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-0782-RL2
DATE: 90/07/09
* ROCK * (ACT:FIRE)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SIO2 %	TIO2 %	S %	TOT(%) %
OCLCL026	16.24	.135	6.04	6.34	1.90	3.71	.12	3.71	.35	56.14	1.00	.03	95.71
OCLCL028	15.10	.290	5.47	7.61	5.72	5.04	.17	1.62	.54	50.16	1.25	.04	93.01
OCLCL029	15.65	.160	7.45	7.68	2.58	4.21	.11	3.96	.70	52.52	1.23	.02	96.28
OCLCL030	15.17	.180	7.96	7.71	2.20	4.68	.12	3.43	.66	51.76	1.24	.04	95.14
OCLCL031	17.94	.165	6.30	8.13	2.30	3.00	.11	4.19	.60	51.11	1.29	.03	95.18
OCLCL032	16.86	.225	6.63	8.11	2.18	3.98	.15	3.40	.52	50.17	1.08	.03	93.35
OCLCL033	16.85	.150	6.71	8.74	2.03	4.72	.18	3.45	.49	49.30	1.17	.03	93.82
OCLCL034	17.92	.190	5.80	8.20	2.13	3.21	.15	3.75	.47	50.00	1.29	.03	93.14
OCLCL035	16.39	.145	6.83	9.21	1.95	4.52	.16	3.54	.36	49.66	1.14	.03	93.94
OCLCL036	18.14	.240	5.60	7.25	3.12	2.74	.13	3.37	.75	49.32	1.18	.04	91.88
OCLCL037	17.17	.160	8.34	6.40	2.34	3.08	.15	3.93	.54	48.70	1.01	.05	91.89
OCLCL039	16.98	.060	5.08	3.71	.65	1.61	.06	4.80	.19	62.62	.40	.03	96.18
OCLCL040	15.82	.020	6.64	10.64	.35	4.35	.12	3.44	.27	53.68	1.25	.04	96.62

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0782-SJ1+2
DATE: 90/07/04
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
OHLCS144	.8	1	192	48	20	1	47	5
OHLCS145	.4	1	135	18	20	1	71	5
OHLCS146	1.1	1	176	125	19	1	53	5
OHLCS147	1.2	1	205	31	16	1	67	140
OHLCS148	.9	1	106	21	17	1	58	5
OHLCS149	1.2	1	142	30	18	1	73	5
OHLCS150	.7	1	105	34	16	1	51	5
OHLCS151	.4	1	68	31	17	1	63	5
OHLCS152	.5	1	92	33	16	1	58	15
OHLCS153	.1	1	155	34	20	1	71	5
OHLCS154	1.1	1	62	37	16	1	56	5
OHLCS155	1.2	1	71	33	19	1	52	5
OHLCS156	1.7	1	83	36	16	1	59	5
OHLCS157	1.6	1	77	33	16	1	56	5
OHLCS158	1.5	1	81	35	16	1	60	5
OHLCS159	1.6	1	80	29	16	1	55	10
OHLCS160	1.3	1	99	37	16	1	54	5
OHLCS161	1.1	1	102	27	18	1	67	5
OHLCS162	1.0	1	104	21	17	1	73	5
OHLCS163	1.3	1	99	33	18	1	53	5
OHLCS164	1.1	1	100	36	17	1	54	10
OHLCS165	.8	1	111	26	22	1	58	5
OHLCS166	1.3	1	98	30	18	1	48	5
OHLCS167	1.2	1	108	22	20	1	73	5
OHLCS168	.7	1	210	24	20	1	78	5
OHLCS169	.1	1	300	23	21	1	56	5
OHLCS170	.5	1	162	22	18	1	87	5
OHLCS171	.7	1	201	23	26	1	88	5
OHLCS172	.4	1	230	24	22	1	77	5
OHLCS173	.6	1	240	36	19	1	71	5
OHLCS174	1.1	1	216	27	22	2	60	5
OHLCS175	.8	1	250	19	19	1	84	5
OHLCS176	.7	1	186	16	19	1	75	5
OHLCS177	.9	1	269	23	16	1	73	10
OHLCS178	.8	1	181	19	12	1	79	5
OHLCS179	1.2	1	182	20	17	1	69	5
OHLCS180	.6	1	136	15	15	1	63	5
OHLCS181	.5	1	244	26	16	1	79	5
OHLCS182	.2	1	351	27	16	1	85	5
OHLCS183	.3	1	309	21	18	1	74	5
OHLCS184	.8	1	172	33	14	1	58	5

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0782-RJ1
DATE: 90/07/04
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB
OCLCT020	.1	16	46	37	11	1	19	2
OCLCT021	.1	11	462	30	14	1	31	4
OCLCT022	1.4	1	88	44	15	1	32	3
OCLCT023	1.1	1	117	45	12	1	30	2
OCLCT024	1.6	1	109	42	12	1	28	3
OCLCT025	.7	1	72	47	12	1	21	3
OCLCC027	1.2	1	75	41	17	1	41	1
OCLCT038	1.1	1	98	42	17	1	56	2
OCLCT041	.6	1	117	18	16	1	52	8

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
ATTN: IAN PIRIE/CAM 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-0782-RJ1
DATE: 90/07/09
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
OCLCT020	.1	16	46	37	11	1	19	2	10
OCLCT021	.1	11	462	30	14	1	31	4	30
OCLCT022	1.4	1	88	44	15	1	32	3	40
OCLCT023	1.1	1	117	45	12	1	30	2	5
OCLCT024	1.6	1	109	42	12	1	28	3	5
OCLCT025	.7	1	72	47	12	1	21	3	5
OCLCC027	1.2	1	75	41	17	1	41	1	5
OCLCT038	1.1	1	98	42	17	1	56	2	5
OCLCT041	.6	1	117	18	16	1	52	8	440

RECEIVED
JUL 25 1990
Ans'd .....

MIN-EN 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

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

Assay Certificate

OV-0821-RA1

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: JUL-13-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.

We hereby certify the following Assay of 17 ROCK samples submitted JUL-05-90 by C.CLAYTON.

Sample Number	LOI %
OCSRL001	4.40
OCSRL002	2.25
OCSRL003	6.70
OCSRL004	8.00
OCSRL005	5.80
OCSRL006	7.00
OCSRL007	3.50
OCSRL008	3.00
OCSRL009	2.30
OCSRL010	2.90
OCSRL011	4.00
OCSRL012	4.70
OCSRL013	5.90
OCSRL014	5.00
OCSRL015	3.00
OCSRL016	7.10
OCSRL017	5.60

APR 1R8
MAYGORMAFE B.C.
3M4 E100L-311 MAIFE 21KFFI
CORRECT ADDRESS:
NOTE

Certified by

MIN-EN LABORATORIES

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0821-RJ1
DATE: 90/07/13
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
0CSRL001	.4	1	60	42	21	1	48	5	50
0CSRL002	.2	1	123	37	16	1	17	5	70
0CSRL003	2.2	1	131	20	14	1	66	10	120
0CSRL004	1.9	1	530	40	20	1	69	5	5
0CSRL005	.9	1	162	34	23	1	58	5	5
0CSRL006	2.0	1	179	31	29	1	66	10	20
0CSRL007	1.4	15	91	26	24	1	79	5	5
0CSRL008	1.7	8	222	49	25	1	76	5	70
0CSRL009	1.7	2	192	34	20	1	59	10	30
0CSRL010	1.4	1	137	30	19	1	68	10	45
0CSRL011	1.1	1	176	48	17	1	67	5	75
0CSRL012	1.4	1	64	26	17	1	53	5	30
0CSRL013	1.3	1	233	24	22	1	62	10	15
0CSRL014	2.4	1	207	40	16	1	74	10	5
0CSRL015	1.2	12	108	47	26	1	69	5	25
0CSRL016	1.6	1	55	33	19	1	49	5	30
0CSRL017	1.2	9	95	39	26	1	66	5	25

RECEIVED
AUG 8 1990

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0821-RL1
DATE: 90/07/13
* ROCK * (ACT:FIRE)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SIO2 %	TIO2 %	S %	TOT(%) %
OCSRL001	15.41	.115	4.94	5.19	3.79	2.07	.09	3.37	.75	57.79	.89	.01	94.42
OCSRL002	15.84	.125	5.64	5.73	2.40	3.58	.13	3.73	.39	58.08	.92	.01	96.57
OCSRL003	16.68	.140	6.51	8.64	2.32	5.43	.17	3.25	.52	47.70	1.18	.01	92.56
OCSRL004	17.42	.215	5.66	8.09	1.96	3.48	.17	3.47	.52	48.64	1.27	.01	90.90
OCSRL005	16.87	.180	6.60	8.20	2.39	4.21	.16	3.51	.51	49.40	1.10	.01	93.14
OCSRL006	16.23	.170	9.00	7.97	2.15	3.31	.17	3.50	.50	48.07	1.05	.02	92.14
OCSRL007	15.61	.130	6.91	7.09	2.68	4.26	.13	4.12	.63	52.62	1.22	.06	95.46
OCSRL008	15.31	.155	8.64	7.57	2.80	4.34	.13	4.07	.69	50.87	1.21	.09	95.88
OCSRL009	15.69	.160	7.81	7.53	2.79	4.42	.12	4.00	.70	52.10	1.26	.02	96.60
OCSRL010	18.36	.165	6.65	8.07	2.36	2.83	.12	4.35	.56	51.32	1.31	.02	96.11
OCSRL011	15.58	.145	7.17	7.41	2.78	4.18	.10	3.97	.67	51.51	1.23	.01	94.76
OCSRL012	15.23	.140	6.69	7.77	5.14	4.30	.14	2.67	.68	50.22	1.27	.02	94.26
OCSRL013	16.97	.210	6.45	8.03	3.09	3.77	.15	3.39	.53	49.19	1.12	.01	92.91
OCSRL014	15.49	.225	7.82	7.95	2.22	5.58	.20	3.76	.72	48.97	1.17	.04	94.14
OCSRL015	15.59	.155	7.18	7.65	3.08	4.43	.14	4.01	.66	51.62	1.25	.03	95.79
OCSRL016	14.90	.165	6.19	7.35	3.66	5.32	.14	2.62	.73	49.60	1.20	.06	91.93
OCSRL017	15.64	.170	6.67	7.58	3.06	4.15	.13	3.66	.60	50.74	1.20	.02	93.63

MIN-EN 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

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

RECEIVED
JUL 26 1990
Ans'd .....

Assay Certificate

OV-0911-RA2

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: JUL-24-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 30 ROCK samples submitted JUL-15-90 by R.YOUNG.

Sample Number	LOI %
BCS17811	6.90
BCS17812	11.40
BCS17813	10.10
BCS17814	10.40
BCS17815	7.20
BCS17816	5.50
BCS17817	4.10
BCS17818	6.40
BCS17819	7.00
BCS17820	6.50
BCS17821	7.10
BCS17822	8.10
BCS17823	14.50
BCS17824	13.60
BCS17825	13.50
BCS17826	10.30
BCS17841	9.10
BCS17842	6.90
BCS17844	5.60
BCS17845	6.30
BCS17856	14.90
BCS17857	9.30
BCS17858	9.40
BCS17870	4.80
BCS17885	24.60
BCS17892	8.30
BCS17893	9.60
BCS17894	8.90
BCS17895	7.60
BCS17896	9.30

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES LTD.

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

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

Assay Certificate

OV-0911-RA3

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: JUL-24-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 13 ROCK samples submitted JUL-15-90 by R.YOUNG.

Sample Number	LOI %
BCS17898	6.50
BCS17899	12.30
BCS17900	8.80
BCS17928	4.30
BCS17929	2.80
BCS17930	2.65
BCS17931	2.00
BCS17932	4.20
BCS17933	6.10
BCS17934	6.90
BCS17935	9.40
BCS17836	5.05
OCRL020	2.75

Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0911-RJ1+2
DATE: 90/07/24
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
BCS17811	1.3	25	1774	55	35	1	16	5	125
BCS17812	.8	13	136	20	37	1	16	5	95
BCS17813	1.1	33	162	45	34	1	20	5	235
BCS17814	.9	28	473	61	37	1	23	5	340
BCS17815	1.0	31	394	9	37	1	15	5	120
BCS17816	.7	36	198	5	30	1	10	5	105
BCS17817	.8	26	162	6	30	1	9	5	95
BCS17818	.9	34	255	8	31	1	15	5	360
BCS17819	1.1	46	158	11	30	1	18	5	235
BCS17820	.7	33	698	8	34	1	15	20	545
BCS17821	1.0	28	97	6	32	1	11	5	445
BCS17822	.8	32	176	17	34	1	13	5	720
BCS17823	1.3	31	1076	12	42	2	26	5	715
BCS17824	1.0	19	200	7	37	1	30	5	390
BCS17825	.9	17	832	45	37	1	29	5	455
BCS17826	.7	16	195	121	37	2	24	10	460
BCS17841	1.1	21	294	8	35	1	31	5	170
BCS17842	.9	23	67	13	35	1	39	5	220
BCS17844	.9	13	429	111	35	1	40	95	340
BCS17845	1.9	10	422	2304	43	6	54	650	690
BCS17856	1.5	40	242	26	35	2	45	5	945
BCS17857	1.0	23	97	22	43	4	64	5	320
BCS17858	.9	15	210	18	41	2	56	5	110
BCS17870	.6	17	330	5	31	1	63	5	655
BCS17885	2.0	18	83	38	35	4	55	5	200000
BCS17892	.6	24	861	22	35	1	31	5	4000
BCS17893	1.1	29	272	136	28	1	20	5	1080
BCS17894	1.0	35	478	7	27	1	13	10	550
BCS17895	1.2	33	598	6	31	1	12	5	560
BCS17896	1.0	32	167	4	28	1	12	5	610
BCS17898	.7	24	91	10	27	1	14	5	120
BCS17899	1.4	38	104	7	32	1	14	5	75
BCS17900	1.2	56	121	6	32	1	10	5	80
BCS17928	.9	26	218	15	23	1	12	5	225
BCS17929	.5	15	178	10	27	1	11	10	135
BCS17930	.6	19	78	7	22	1	9	5	80
BCS17931	.7	17	69	9	24	1	9	5	95
BCS17932	.9	25	256	14	26	1	12	5	70
BCS17933	1.0	29	175	27	27	1	11	5	130
BCS17934	1.1	40	160	8	26	1	14	5	125
BCS17935	1.3	41	136	11	27	1	15	5	85
BCS17836	2.2	3	530	5011	41	5	58	5	3125
OCRL020	2.7	3	105	67	29	1	75	5	75

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0911-RL1+2
DATE: 90/07/24
* ROCK * (ACT:F26)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SIO2 %	TIO2 %	S %	TOT(%) %
BCS17811	13.85	.200	9.74	4.38	.84	1.86	.05	6.15	.07	54.04	.65	.01	91.84
BCS17812	14.70	.025	8.79	9.15	1.82	2.32	.11	1.19	.17	48.23	.83	.01	87.35
BCS17813	12.37	.035	9.86	8.08	.88	2.29	.08	1.86	.13	50.60	.85	.01	87.05
BCS17814	14.81	.065	8.58	8.82	1.21	1.91	.09	1.69	.15	50.12	.95	.01	88.42
BCS17815	15.91	.060	6.22	6.78	1.80	1.50	.08	3.47	.12	54.99	.82	.01	91.77
BCS17816	17.44	.110	5.49	4.55	3.42	1.05	.05	5.53	.13	55.21	.66	.02	93.66
BCS17817	17.01	.220	5.24	4.76	4.62	.88	.04	4.66	.11	56.73	.65	.01	94.92
BCS17818	15.59	.120	8.23	5.80	3.02	1.54	.06	4.48	.13	52.83	.75	.01	92.54
BCS17819	15.38	.120	8.65	5.65	3.03	1.60	.07	4.23	.10	52.43	.73	.01	92.00
BCS17820	14.47	.125	4.57	8.21	2.66	1.35	.08	1.53	.11	58.62	.80	.63	93.14
BCS17821	17.01	.020	6.59	4.43	1.03	1.00	.06	4.86	.14	56.19	.50	.02	91.86
BCS17822	17.16	.030	6.20	5.74	1.11	1.10	.07	3.89	.15	54.96	.55	.01	90.97
BCS17823	14.12	.105	9.89	8.26	1.13	2.84	.18	2.14	.12	45.01	.56	.01	84.37
BCS17824	17.85	.025	6.24	9.23	1.46	2.43	.11	.67	.21	46.48	.88	.01	85.59
BCS17825	16.25	.080	7.63	9.85	1.23	1.85	.13	.01	.17	47.50	.65	.02	85.36
BCS17826	17.82	.025	3.98	10.60	1.87	1.51	.06	.29	.21	51.20	.91	.01	88.48
BCS17841	15.09	.045	10.86	6.92	1.30	1.53	.18	3.93	.14	49.32	.84	.01	90.16
BCS17842	16.43	.020	6.93	7.90	1.14	2.18	.16	4.56	.16	51.73	.91	.01	92.13
BCS17844	14.52	.070	6.98	8.20	1.43	2.58	.16	2.49	.16	56.06	.95	.01	93.62
BCS17845	14.60	.070	5.26	10.02	1.49	2.77	.20	1.26	.16	55.61	.95	.01	92.41
BCS17856	12.98	.035	12.75	5.92	.94	3.41	.20	2.11	.15	45.14	.55	.03	84.21
BCS17857	14.04	.020	7.41	8.47	.86	2.11	.22	2.74	.12	52.82	1.07	.01	89.90
BCS17858	16.02	.035	8.17	8.25	1.13	2.68	.19	2.71	.13	49.44	1.07	.02	89.84
BCS17870	16.10	.055	2.56	4.95	2.57	.53	.12	3.67	.25	62.73	.61	.01	94.15
BCS17885	6.83	.010	19.34	6.10	.45	6.06	.32	.01	.05	34.85	.33	.01	74.34
BCS17892	14.87	.090	6.27	6.41	.73	1.16	.13	3.52	.17	56.32	.90	.01	90.59
BCS17893	13.74	.030	8.62	4.96	.61	1.60	.12	3.96	.19	54.88	.76	.01	89.48
BCS17894	14.94	.065	7.99	3.41	.93	1.53	.04	2.05	.04	58.73	.33	.01	90.05
BCS17895	14.89	.080	8.10	3.05	1.05	1.44	.04	3.74	.04	58.85	.32	.02	91.61
BCS17896	15.06	.030	8.49	3.39	.87	1.50	.04	2.55	.04	57.38	.33	.01	89.69
BCS17898	14.82	.025	5.68	5.29	1.85	1.20	.06	2.97	.07	59.51	.76	.06	92.29
BCS17899	10.34	.015	13.40	4.32	.65	2.73	.08	2.88	.04	51.58	.51	.02	86.57
BCS17900	10.34	.015	11.21	5.79	.35	1.93	.05	4.23	.02	56.02	.54	.04	90.54
BCS17928	12.79	.030	6.17	4.01	.72	.88	.05	5.30	.04	64.07	.64	.03	94.73
BCS17929	13.38	.030	4.33	4.47	1.09	.63	.09	5.81	.03	64.10	.69	.12	94.76
BCS17930	13.41	.030	3.45	3.76	1.06	.69	.03	5.69	.02	67.77	.67	.04	96.62
BCS17931	14.01	.030	3.60	4.59	1.11	.76	.03	5.66	.04	66.37	.70	.07	96.99
BCS17932	13.21	.035	7.09	4.43	.78	1.13	.05	4.97	.03	62.36	.67	.03	94.80
BCS17933	11.99	.030	8.38	3.67	.95	1.44	.05	4.33	.03	61.43	.59	.02	92.92
BCS17934	15.32	.050	7.11	4.21	1.50	1.52	.03	3.29	.07	58.69	.34	.01	92.13
BCS17935	14.09	.040	9.51	4.11	1.28	2.19	.06	2.49	.05	55.39	.32	.01	89.53
BCS17836	14.55	.080	4.10	10.45	1.36	2.98	.19	2.27	.15	56.43	.97	.16	93.69
OCRL020	17.21	.145	12.51	6.82	2.32	1.75	.10	4.55	.50	48.87	1.11	.07	95.96

MIN-EN 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

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

Assay Certificate

OV-0911-RA1

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: JUL-21-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 1 ROCK samples submitted JUL-15-90 by R.YOUNG.

Sample Number	AU g/tonne	AU oz/ton
BCS17830	*1.80	.053

*SAMPLE CONTAINS METALLIC GOLD

Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0911-RJ3+4
DATE: 90/07/21
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
BCS17801	.9	42	479	44	36	1	61	2	255
BCS17802	1.6	1	275	31	26	1	47	3	270
BCS17803	.5	47	92	29	29	1	34	1	565
BCS17804	.9	60	129	29	34	2	47	1	465
BCS17805	.8	67	248	35	29	1	34	26	685
BCS17806	.5	57	160	24	35	1	31	3	545
BCS17807	1.0	51	635	29	34	1	44	2	470
BCS17808	1.0	49	439	32	33	1	41	110	550
BCS17809	.7	57	138	29	29	1	38	1	1185
BCS17810	.8	55	285	32	30	1	34	2	935
BCS17827	.1	27	1298	34	33	2	35	1	250000
BCS17828	.4	12	889	48	28	2	24	1	77250
BCS17829	.6	61	353	36	38	5	199	2	1535
BCS17830	.9	71	512	43	31	7	37	5000	1160
BCS17831	1.0	78	256	55	31	8	45	9	17375
BCS17832	.9	24	591	7	33	5	40	1	30250
BCS17833	1.1	47	260	31	32	6	42	93	2030
BCS17834	1.2	62	610	31	29	10	37	2	1360
BCS17835	.6	53	1026	41	36	13	48	26	1735
BCS17836	1.1	68	645	40	34	12	40	3	2100
BCS17837	.9	56	830	41	35	11	47	2	2375
BCS17838	1.3	48	841	28	36	7	52	1	1630
BCS17839	1.0	53	1496	30	33	9	42	1	1250
BCS17840	1.3	59	259	34	36	6	49	2	1170
BCS17843	.8	1	412	109	37	1	56	170	1825
BCS17846	1.2	17	527	19	34	8	41	9	27375
BCS17847	.6	23	254	51	41	6	66	2	3930
BCS17848	1.1	12	210	13	28	1	39	1	485
BCS17849	.6	18	374	71	37	1	70	1	980
BCS17850	1.0	30	858	70	36	3	59	12	1215
BCS17851	.1	1	65	36	35	1	68	1	780
BCS17852	.6	11	582	23	44	1	74	3	2025
BCS17853	2.1	1	121	27	31	5	61	1	4480
BCS17854	1.0	1	394	41	37	1	67	2	770
BCS17855	.6	9	188	31	32	1	64	1	230
BCS17859	.7	59	446	21	31	1	40	2	1110
BCS17860	.9	55	267	17	27	1	37	2	8000
BCS17861	.5	59	146	26	29	1	61	4	565
BCS17862	.4	40	345	26	36	1	56	1	810
BCS17863	.7	45	230	24	33	1	48	3	725
BCS17864	.7	36	838	21	33	1	38	2	1335
BCS17865	.4	38	268	27	31	2	53	2	2695
BCS17866	.6	39	402	25	30	1	55	11	860
BCS17867	1.3	39	328	20	30	1	43	4	695
BCS17868	1.7	122	770	18	33	5	33	3	2070
BCS17869	.6	34	327	19	25	1	32	1	810
BCS17871	.4	25	280	23	27	1	48	1	910
BCS17872	.8	46	672	21	29	1	43	6	965
BCS17873	.6	29	566	24	24	1	38	2	1160
BCS17874	.5	41	381	24	29	1	43	48	1700
BCS17875	.7	67	445	32	34	9	80	2	1010
BCS17876	1.4	41	611	19	31	4	39	1	1050
BCS17877	1.0	51	280	36	37	11	56	2	1230
BCS17878	1.2	103	290	40	32	11	42	2	2555
BCS17879	.7	35	917	26	36	7	78	3	1250
BCS17880	.4	10	282	11	26	1	39	2	385
BCS17881	1.1	58	253	24	31	1	56	1	980
BCS17882	1.3	61	414	20	29	1	68	4	1000
BCS17883	.6	40	611	39	35	5	43	2	2180
BCS17884	1.0	62	484	43	34	11	59	1	3065

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0911-RJ5
DATE: 90/07/21
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
BCS17886	.6	16	433	26	34	8	74	4	3125
BCS17887	1.3	11	258	44	26	13	59	2	55000
BCS17888	.4	9	72	54	28	9	53	2	2645
BCS17889	.6	8	252	85	33	4	90	6	47875
BCS17890	.1	1	299	84	28	4	65	1	11875
BCS17891	.1	1	373	103	31	22	101	2	37375
BCS17897	1.1	31	1889	16	27	6	17	190	620
BCS17926	1.7	28	131	31	34	6	39	2	1620
BCS17927	1.0	52	133	46	29	4	33	5	1240
OCSRT018	1.9	1	122	43	38	3	53	1	185
OCSRT019	1.1	11	58	22	28	2	52	1	130
OCRST021	1.0	18	104	31	19	2	10	2	105
OCRST022	2.1	1	110	23	35	2	74	2	120

MIN-EN LABORATORIES LTD.

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

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

AUG 16 1990
Ans'd .....

Geochemical Analysis Certificate

OV-0755-SG1

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: AUG-03-90
Copy to: MINNOVA INC., VANCOUVER, B.C.

We hereby certify the following Geochemical Analysis of 25 SOIL samples submitted MMM-DD-YY by .

Sample Number	*AS PPM
OHLCS001	8
OHLCS002	8
OHLCS003	10
OHLCS004	12
OHLCS005	10
OHLCS006	5
OHLCS007	8
OHLCS008	5
OHLCS009	8
OHLCS010	15
OHLCS011	12
OHLCS012	10
OHLCS013	13
OHLCS014	17
OHLCS015	12
OHLCS016	22
OHLCS017	8
OHLCS018	15
OHLCS019	8
OHLCS020	8
OHLCS021	12
OHLCS022	8
OHLCS023	10
OHLCS024	12
OHLCS025	7

* VAPOUR GENERATED - ATOMIC ABSORPTION

Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0755-SD1
DATE: 90/08/03
* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM
OHLCS001	1.2	1	183	38	11	1	63
OHLCS002	1.2	1	164	35	11	1	58
OHLCS003	1.2	1	177	38	11	1	59
OHLCS004	.8	1	252	58	14	1	62
OHLCS005	.8	1	175	44	11	1	58
OHLCS006	.6	1	308	18	11	1	75
OHLCS007	.6	1	164	32	11	1	65
OHLCS008	.8	1	201	32	11	1	100
OHLCS009	.9	1	292	33	11	1	70
OHLCS010	.4	1	197	26	16	1	66
OHLCS011	.7	1	282	34	17	1	92
OHLCS012	1.0	1	263	38	12	1	76
OHLCS013	.7	1	243	28	13	1	71
OHLCS014	.9	1	214	31	13	1	75
OHLCS015	1.1	1	170	28	16	1	83
OHLCS016	.4	1	243	29	17	1	79
OHLCS017	.6	1	254	18	15	1	79
OHLCS018	.4	1	283	32	13	1	84
OHLCS019	1.3	1	188	22	11	1	94
OHLCS020	1.4	1	204	30	11	1	83
OHLCS021	1.2	1	215	25	11	1	86
OHLCS022	1.3	1	188	22	14	1	80
OHLCS023	1.0	1	217	27	13	1	76
OHLCS024	1.3	1	220	30	11	1	70
OHLCS025	1.0	1	190	25	12	1	82

MIN-EN 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

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

Assay Certificate

OV-0911-PA1

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: AUG-14-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 1 PULP samples submitted AUG-15-90 by C.CLAYTON.

Sample Number	LOI %
BC$17830	7.10

Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-0911-RL3
DATE: 90/08/14
* PULP * (ACT:FIRE)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SIO2 %	TIO2 %	S %	TOT(%) %
BCS17830	12.53	.070	4.18	4.35	.95	1.76	.11	.30	.26	66.68	.58	.11	91.87

MIN-EN 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

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

RECEIVED OCT 2 1990

Ans'd .....

Assay Certificate

OV-1417-RA1

Company: MINNOVA INC
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: SEP-17-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC.,BARRIERE, B.C.

We hereby certify the following Assay of 5 ROCK samples submitted SEP-11-90 by R.YOUNG.

Sample Number	CU %	PB %	ZN %	AG g/tonne	AG oz/ton	AU g/tonne	AU oz/ton	AS %	SB %	HG PPB
BCD20931	.002	.01	.01	2.2	.06	.01	.001	.01	.01	220
BCD20932	.008	.01	.01	1.8	.05	.02	.001	.01	.01	700
BCD20938	.001	.01	.01	1.7	.05	.01	.001	.01	.01	750
BCD20939	.001	.01	.01	1.9	.06	.01	.001	.01	.01	145
BCD20905	.002	.01	.01	1.7	.05	.02	.001	.03	.01	11875

Certified by _____

MIN-EN LABORATORIES

MIN-EN 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

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

Geochemical Analysis Certificate

OV-1417-RG1

Company: MINNOVA INC
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: SEP-25-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 22 ROCK samples submitted SEP-11-90 by R.YOUNG.

Sample Number	AS PPM
BCD20901	77
BCD20904	75
BCD20906	68
BCD20911	65
BCD20913	62
BCD20914	13
BCD20916	40
BCD20919	3
BCD20920	2
BCD20921	2
BCD20922	2
BCD20923	2
BCD20925	2
BCD20926	2
BCD20928	57
BCD20929	95
BCD20930	2
BCD20933	2
BCD20934	3
BCD20935	2
BCD20936	2
BCD20937	2

Certified by _____

MIN-EN LABORATORIES

MIN-EN 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

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

Geochemical Analysis Certificate

OV-1417-RG2

Company: MINNOVA INC
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: SEP-26-90
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 SEP-11-90 by R.YOUNG.

Sample Number	AS PPM
BCD20902	41
BCD20903	44
BCD20907	37
BCD20908	22
BCD20909	20
BCD20910	22
BCD20912	26
BCD20915	31
BCD20917	35
BCD20918	15
BCD20924	12
BCD20927	13

Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC
PROJ: LAST CHANCE 622
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-1417-RD1
DATE: 90/09/25
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
BCD20901	.4	62	129	23	31	2	38	6	840
BCD20904	.5	106	75	21	18	3	33	2	1610
BCD20906	.3	53	25	65	32	3	111	2	890
BCD20911	.4	36	70	72	17	11	96	3	545
BCD20913	.1	68	118	66	20	18	84	2	4340
BCD20914	.8	19	387	24	20	6	37	2	855
BCD20916	1.2	60	372	42	20	12	45	4	1625
BCD20919	.7	7	26	7	15	1	65	2	860
BCD20920	.4	1	108	12	22	1	69	3	13500
BCD20921	.1	1	547	65	42	1	155	2	270
BCD20922	.2	1	92	48	17	1	61	2	440
BCD20923	.4	1	605	376	22	1	60	2	780
BCD20925	.5	1	360	37	19	1	66	3	300
BCD20926	.4	1	930	20	24	1	56	2	585
BCD20928	.8	93	881	1272	23	9	63	2	320
BCD20929	1.0	82	871	1279	23	7	62	29	33250
BCD20930	.5	1	77	15	12	1	45	3	725
BCD20933	.3	1	38	3	23	1	53	2	465
BCD20934	1.3	1	376	102	24	1	20	1	785
BCD20935	.1	1	750	12	31	1	108	4	1760
BCD20936	.5	1	72	5	17	1	84	2	3155
BCD20937	.8	1	61	2	15	1	32	1	305

COMP: MINNOVA INC
PROJ: LAST CHANCE 622
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-1417-RJ2
DATE: 90/09/26
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
BCD20902	1.1	51	23	27	20	1	44	5	865
BCD20903	1.0	60	199	30	15	1	38	5	720
BCD20907	.5	59	86	106	19	18	178	10	7125
BCD20908	.6	26	336	22	34	3	90	5	8000
BCD20909	.4	10	40	66	21	10	105	5	1145
BCD20910	.5	14	354	51	22	4	109	5	7000
BCD20912	.1	10	261	78	29	16	137	5	73625
BCD20915	1.3	43	1829	45	21	10	56	5	4875
BCD20917	1.4	37	164	46	13	4	51	5	4375
BCD20918	.5	6	157	18	19	1	63	5	1020
BCD20924	1.0	9	128	14	18	1	44	5	255
BCD20927	.6	8	209	4	28	1	54	10	175

COMP: MINNOVA INC
PROJ: LAST CHANCE 622
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-1417-RD2
DATE: 90/09/26
* ROCK * (ACT:F26)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SIO2 %	TIO2 %	S %	TOT(%) %
BCD20902	11.81	.015	3.53	3.44	1.30	1.40	.09	.11	.01	70.00	.44	.30	92.45
BCD20903	11.74	.030	3.34	3.19	.95	1.17	.07	.01	.01	71.04	.44	.45	92.43
BCD20907	18.29	.015	2.69	8.86	2.39	1.78	.17	.01	.16	51.16	.99	.14	86.65
BCD20908	15.92	.045	2.69	8.67	2.28	1.69	.19	.01	.01	55.07	.91	.05	87.52
BCD20909	18.57	.025	.87	5.82	2.84	1.32	.09	.01	.01	58.27	.78	.02	88.60
BCD20910	18.32	.045	2.49	7.15	2.40	1.76	.21	.01	.01	52.02	.81	.05	85.24
BCD20912	18.51	.050	.01	11.99	2.04	1.89	.22	.01	.01	49.09	.81	.04	84.64
BCD20915	11.34	.245	8.20	4.73	.76	2.58	.09	.01	.01	60.42	.61	.17	89.15
BCD20917	12.26	.040	9.00	3.86	.71	2.58	.08	1.21	.01	58.40	.70	.24	89.07
BCD20918	17.07	.025	4.70	9.83	1.65	2.46	.16	.73	.01	47.97	.96	.04	85.61
BCD20924	14.61	.025	7.77	6.94	1.09	2.59	.20	.92	.01	51.74	.47	.06	86.42
BCD20927	15.88	.025	3.64	8.70	.59	2.37	.24	3.39	.08	54.43	1.16	.06	90.57

MIN-EN 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

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

Geochemical Analysis Certificate

OV-1487-RG1

RECEIVED
OCT 9 1990

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: SEP-26-90
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 SEP-18-90 by R.YOUNG.

Sample Number	AS PPM
BCD20940	70
BCD20941	40
BCD20945	3
BCD20947	2
BCD20951	3
BCD20953	2
BCD20954	2
BCD20955	2
BCD20957	25
BCD20958	2
BCD20959	11
BCD20960	2
BCD20962	2
BCD20963	3
BCD20964	2
BCD20965	2
BCD20966	2
BCD20967	2
BCD20968	27
BCD20969	13
BCD20970	13
BCD20971	18
BCD20972	10
BCD20973	15
BCD20974	17
BCD20975	10
BCD20976	13
BCD20977	12
BCD20978	43
BCD20979	25

Certified by _____

MIN-EN LABORATORIES

MIN-EN 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

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

Geochemical Analysis Certificate

OV-1487-RG2

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: SEP-26-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 17 ROCK samples submitted SEP-18-90 by R.YOUNG.

Sample Number	AS PPM
BCD20980	55
BCD20981	199
BCD20982	124
BCD20983	97
BCD20984	80
BCD20985	112
BCD20986	137
BCD20942	45
BCD20943	70
BCD20944	2
BCD20946	3
BCD20948	2
BCD20949	2
BCD20950	2
BCD20952	4
BCD20956	8
BCD20961	4

Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-1487-RJ1
DATE: 90/09/26
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
BCD20940	1.7	67	960	90	34	12	63	1	2050
BCD20941	.8	34	331	62	31	11	98	2	1230
BCD20945	.5	1	74	52	24	22	70	2	8970
BCD20947	1.0	1	119	41	21	9	74	1	7520
BCD20951	1.0	1	754	19	26	6	37	2	860
BCD20953	1.7	1	817	9	16	5	43	1	380
BCD20954	1.1	1	613	27	24	6	47	1	440
BCD20955	.5	1	147	7	18	4	48	2	335
BCD20957	1.0	5	602	368	16	4	42	2	2710
BCD20958	1.6	1	231	165	22	1	30	1	810
BCD20959	.8	1	38	15	23	1	59	2	135
BCD20960	2.0	1	481	44	14	3	37	1	300
BCD20962	.5	1	276	28	22	1	51	2	195
BCD20963	.8	1	122	64	22	4	45	2	180
BCD20964	.7	1	22	6	16	1	43	1	120
BCD20965	.9	1	92	4	10	1	40	1	100
BCD20966	1.3	1	33	24	23	1	35	3	125
BCD20967	.9	1	50	2	19	1	17	2	70
BCD20968	.6	13	187	23	16	2	48	1	165
BCD20969	.9	31	33	20	24	2	41	2	155
BCD20970	.5	16	297	25	22	2	53	1	235
BCD20971	.7	36	610	25	19	3	47	1	385
BCD20972	.7	32	589	23	20	2	45	1	375
BCD20973	.3	23	277	17	21	1	51	2	195
BCD20974	.5	11	136	30	20	4	51	3	670
BCD20975	.6	15	429	20	18	3	63	2	355
BCD20976	.9	18	1147	25	20	2	50	2	315
BCD20977	.5	22	1426	17	18	3	39	1	170
BCD20978	.7	51	219	26	21	3	37	1	1095
BCD20979	.9	32	150	29	17	3	44	1	710

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-1487-RJ2
DATE: 90/09/26
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
BCD20980	1.1	82	155	45	29	7	43	3	1185
BCD20981	.8	152	196	46	32	6	73	2	3860
BCD20982	.6	97	28	50	17	2	109	1	2385
BCD20983	.6	98	67	75	26	3	135	2	2440
BCD20984	.4	72	43	66	24	2	133	2	2120
BCD20985	.6	97	142	66	27	2	143	1	2210
BCD20986	.5	130	281	40	28	7	102	2	945
BCD20942	.7	63	304	75	26	1	84	5	795
BCD20943	1.2	70	908	49	22	13	50	5	1335
BCD20944	.2	1	437	36	23	4	68	5	59625
BCD20946	1.0	3	52	8	15	1	45	5	3510
BCD20948	.7	1	487	66	16	1	59	5	6345
BCD20949	.2	1	761	39	20	1	73	5	1375
BCD20950	.7	1	1516	16	22	1	52	10	910
BCD20952	.5	10	148	59	14	2	46	5	235
BCD20956	1.1	1	413	97	13	1	51	5	465
BCD20961	.9	24	436	7	12	1	48	5	155

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-1487-RL2
DATE: 90/10/03
* ROCK * (ACT:F26)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SIO2 %	TIO2 %	S %	TOT(%) %
BCD20942	17.32	.060	1.33	5.61	1.95	1.34	.09	.01	.01	59.76	.87	.06	88.40
BCD20943	10.97	.105	8.35	5.07	.83	2.65	.11	.04	.04	56.94	.55	.32	85.99
BCD20944	16.82	.055	4.94	9.65	1.23	3.22	.22	.01	.11	45.50	1.11	.10	82.95
BCD20946	12.28	.015	7.67	4.61	.77	2.67	.16	.02	.04	56.35	.78	.06	85.42
BCD20948	12.50	.070	8.58	10.12	1.17	3.77	.28	.07	.10	44.12	.97	.13	81.88
BCD20949	14.39	.085	2.54	10.66	.31	3.59	.22	.16	.15	49.99	1.14	.33	83.57
BCD20950	15.52	.175	8.58	7.22	1.23	3.01	.20	1.31	.10	45.98	.81	.28	84.41
BCD20952	16.83	.020	3.97	7.61	1.03	2.25	.16	3.22	.11	51.92	.65	.08	87.84
BCD20956	14.86	.065	13.07	8.47	.97	3.29	.26	2.62	.06	41.24	.75	.11	85.77
BCD20961	14.23	.050	8.83	7.02	.89	2.60	.19	2.70	.11	48.95	.85	.07	86.49

MIN-EN 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

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

Assay Certificate

OV-1487-RA1

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: SEP-26-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 10 ROCK samples submitted SEP-18-90 by R.YOUNG.

Sample Number	LOI %
BCD20942	10.50
BCD20943	13.20
BCD20944	16.40
BCD20946	13.60
BCD20948	17.20
BCD20949	15.80
BCD20950	14.90
BCD20952	11.20
BCD20956	13.40
BCD20961	12.70

Certified by _____

MIN-EN LABORATORIES

MIN-EN 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

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

Assay Certificate

OV-1417-RA2

Company: MINNOVA INC
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: SEP-26-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 12 ROCK samples submitted SEP-11-90 by R.YOUNG.

Sample Number	LOI %
BCD20902	6.70
BCD20903	6.90
BCD20907	12.70
BCD20908	11.50
BCD20909	10.40
BCD20910	14.00
BCD20912	14.40
BCD20915	9.90
BCD20917	10.20
BCD20918	13.50
BCD20924	12.50
BCD20927	8.60

Certified by _____

MIN-EN LABORATORIES

MIN-EN 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

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

RECEIVED
OCT 2 1990
Ans'd .....

Geochemical Analysis Certificate

OV-1459-RG2

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: SEP-25-90
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 SEP-16-90 by R.YOUNG.

Sample Number	AS PPM
BCD20989	30
BCD20990	2
BCD20994	8
BCD20999	10
BCD21001	3
BCD21002	2
BCD21005	2
BCD21006	2
BCD21010	2

Certified by _____

MIN-EN LABORATORIES

MIN-EN 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

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

Assay Certificate

OV-1459-RA1

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: SEP-25-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 9 ROCK samples submitted SEP-16-90 by R.YOUNG.

Sample Number	LOI %
BCD20989	12.90
BCD20990	15.50
BCD20994	18.20
BCD20999	8.70
BCD21001	10.30
BCD21002	16.60
BCD21005	17.20
BCD21006	16.00
BCD21010	11.30

Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-1459-RJ2
DATE: 90/09/25
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
BCD20989	1.2	46	420	40	21	13	44	5	1930
BCD20990	.6	1	123	83	18	13	57	10	65625
BCD20994	1.0	1	330	250	14	8	41	5	4830
BCD20999	.8	17	22	5	17	1	44	10	865
BCD21001	.9	5	499	5	14	1	36	10	1350
BCD21002	1.2	1	34	4	11	1	49	5	207000
BCD21005	.8	1	37	127	13	1	62	5	8400
BCD21006	.9	1	63	56	11	1	54	10	3470
BCD21010	.1	1	15	18	20	1	55	10	1850

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-1459-RL2
DATE: 90/09/25
* ROCK * (ACT:F26)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SIO2 %	TIO2 %	S %	TOT(%) %
BCD20989	10.43	.055	9.07	6.48	.52	2.86	.14	.01	.01	55.84	.53	.24	86.16
BCD20990	11.92	.020	8.49	9.38	.90	3.27	.28	.01	.05	48.01	1.02	.07	83.42
BCD20994	15.95	.045	11.22	10.37	1.11	4.01	.30	.06	.25	36.78	.96	.09	81.15
BCD20999	14.92	.010	6.74	9.26	.38	2.26	.18	3.68	.10	51.66	1.09	.04	90.31
BCD21001	13.79	.060	7.70	9.22	.38	3.06	.18	3.41	.07	49.83	1.01	.06	88.76
BCD21002	13.85	.010	12.83	8.01	.81	4.57	.27	1.97	.06	39.56	.69	.16	82.78
BCD21005	13.90	.010	9.72	9.54	.62	4.08	.36	1.45	.08	41.30	.74	.10	81.91
BCD21006	13.07	.015	12.82	8.97	.57	3.64	.31	1.95	.04	40.89	.68	.09	83.03
BCD21010	18.86	.005	.94	8.68	1.33	1.63	.19	1.98	.07	53.13	.94	.04	87.79

MIN-EN 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

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

Geochemical Analysis Certificate

OV-1459-RG1

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: SEP-25-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 15 ROCK samples submitted SEP-16-90 by R.YOUNG.

Sample Number	AS PPM
BCD20987	225
BCD20988	31
BCD20991	12
BCD20992	13
BCD20993	6
BCD20995	4
BCD20996	9
BCD20997	7
BCD20998	8
BCD21000	10
BCD21003	14
BCD21004	6
BCD21007	8
BCD21008	7
BCD21009	5

Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-1459-RJ1
DATE: 90/09/25
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	BA PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
BCD20987	.7	187	94	56	22	6	91	1	715
BCD20988	1.2	35	285	43	20	12	50	6	960
BCD20991	.8	1	174	118	11	6	72	2	5200
BCD20992	.9	1	76	5	14	1	44	1	500
BCD20993	1.1	1	52	6	12	1	52	1	355
BCD20995	1.5	1	406	5	4	1	66	4	1410
BCD20996	1.5	1	201	5	12	1	62	2	665
BCD20997	1.4	1	1176	19	4	1	58	3	1330
BCD20998	.9	1	58	3	10	1	77	17	185
BCD21000	1.4	1	267	3	5	1	42	2	400
BCD21003	.7	1	24	26	4	1	113	2	275000
BCD21004	1.0	1	31	3	16	1	68	1	893750
BCD21007	1.1	1	232	30	7	1	64	12	62500
BCD21008	.2	1	17	34	14	1	74	2	59375
BCD21009	.6	1	37	4	23	1	66	2	6815

MIN-EN 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

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

Assay Certificate

OV-1488-RA1

RECEIVED OCT 9 1990

Company: MINNOVA INC.
Project: LAST CHANCE
Attn: IAN PIRIE

Date: OCT-02-90
Copy 1. MINNOVA INC.; VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 1 ROCK samples submitted SEP-17-90 by R. YOUNG.

Sample Number	CU %	PB %	ZN %	AG g/tonne	AG oz/ton	AU g/tonne	AU oz/ton	AS %	SB %	HG PPB
BCD21035	.002	.01	.01	1.8	.05	.01	.001	.01	.01	4875

Certified by _____

MIN-EN LABORATORIES

MIN-EN 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

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

Geochemical Analysis Certificate

OV-1488-RG1

Company: MINNOVA INC.
Project: LAST CHANCE 622
Attn: I.PIRIE/C.CLAYTON

Date: SEP-26-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Geochemical Analysis of 26 ROCK samples submitted SEP-18-90 by R.YOUNG.

Sample Number	AS PPM
BCD21011	2
BCD21012	2
BCD21013	2
BCD21014	3
BCD21015	8
BCD21016	2
BCD21017	36
BCD21018	2
BCD21020	3
BCD21021	3
BCD21022	13
BCD21023	3
BCD21024	20
BCD21025	11
BCD21026	10
BCD21027	8
BCD21028	8
BCD21030	2
BCD21031	12
BCD21032	3
BCD21033	3
BCD21034	2
BCD21036	2
BCD21037	2
BCD21019	13
BCD21029	3

Certified by _____

MIN-EN LABORATORIES

COMP: MINNOVA INC.
PROJ: LAST CHANCE 662
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-1488-RJ1
DATE: 90/10/03
* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU PPB	HG PPB
BCD21011	.5	1	6	31	3	49	2	125
BCD21012	.6	1	4	30	4	53	1	726
BCD21013	.6	1	189	20	5	45	2	295
BCD21014	.5	13	6	23	5	31	2	215
BCD21015	1.0	32	37	17	8	30	2	320
BCD21016	1.0	5	4	17	6	20	6	1920
BCD21017	.4	27	389	24	10	40	13	1455
BCD21018	.8	2	16	27	6	36	2	165
BCD21020	.5	16	20	20	5	27	2	130
BCD21021	.8	1	5	18	4	30	1	585
BCD21022	.2	12	7	29	2	47	2	630
BCD21023	1.2	1	14	8	1	30	2	235
BCD21024	.3	1	13	15	1	41	1	465
BCD21025	.4	1	22	11	1	44	4	2080
BCD21026	.5	1	16	12	1	42	2	575
BCD21027	.6	1	55	15	1	50	2	1060
BCD21028	.7	1	12	20	1	44	2	185
BCD21030	.6	1	11	19	1	41	7	715
BCD21031	1.0	14	133	14	1	21	3	25000
BCD21032	.8	1	230	9	1	28	6	34875
BCD21033	1.2	7	15	23	2	27	1	1000
BCD21034	.5	1	17	14	1	22	2	650
BCD21036	.6	1	10	16	1	36	2	420
BCD21037	.7	1	75	10	1	29	5	365
BCD21019	.5	6	6	22	4	28	40	280
BCD21029	.9	1	3	16	1	47	5	175

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-1488-RD1
DATE: 90/10/03
* ROCK * (ACT:FIRE)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SIO2 %	TIO2 %	S %	TOT(%) %
BCD21033	11.60	.070	13.63	6.48	1.31	3.14	.31	2.81	.80	42.32	.74	.16	83.37
BCD21034	14.17	.040	6.45	7.08	1.37	1.60	.13	3.42	.67	57.01	1.07	.21	93.22
BCD21036	14.77	.030	4.64	7.31	1.08	2.50	.13	3.24	.44	60.65	1.02	.60	96.42
BCD21037	14.88	.030	4.51	6.62	.29	2.07	.12	4.04	.24	61.66	.83	.21	95.52

COMP: MINNOVA INC.
PROJ: LAST CHANCE 622
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-1488-RL1
DATE: 90/09/26
* ROCK * (ACT:F26)

SAMPLE NUMBER	AL2O3 %	BAT %	CAO %	FE2O3 %	K2O %	MGO %	MNO2 %	NA2O %	P2O5 %	SIO2 %	TIO2 %	S %	TOT(%) %
BCD21019	16.58	.015	9.07	9.12	1.66	2.26	.18	2.59	.03	44.34	.78	.06	86.68
BCD21029	16.44	.045	12.19	7.79	1.76	3.07	.19	2.74	.16	43.83	.99	.07	89.27

MIN-EN 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

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

Assay Certificate

OV-1488-RA2

Company: MINNOVA INC.
Project: LAST CHANCE
Attn: IAN PIRIE

Date: OCT-02-90
Copy 1. MINNOVA INC., VANCOUVER, B.C.
2. MINNOVA INC., PENTICTON, B.C.

We hereby certify the following Assay of 4 ROCK samples submitted SEP-17-90 by R. YOUNG.

Sample Number	LOI %
BCD21033	15.70
BCD21034	5.80
BCD21036	3.40
BCD21037	3.60
BCD21019	12.20
BCD21029	9.60

Certified by _____

MIN-EN LABORATORIES