



MINNOVA LABORATORIES LTD.
MINERAL ENVIRONMENTS

SPECIALISTS IN MINERAL ENVIRONMENTS
 CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

825495
 Jolly Option
 1988 Geochem
 Assay Results
 82E/3E

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

Analytical Report

Company: MINNOVA INC.
 Project: 336 Jolly 82E/3E
 Attention: G. EVANS

File: 8-1721
 Date: OCT 17/88
 Type: ROCK GEOCHEM

Date Samples Received : SEPT 28/88
 Samples Submitted by : G. EVANS

Report on 24 ROCKS Geochem Samples
 Assay Samples

Copies sent to:
 1. MINNOVA INC., VANCOUVER, B.C.
 2.
 3.

Samples: Sieved to mesh Ground to mesh -100....

Prepared samples stored: X discarded:
 rejects stored: discarded: X

Methods of analysis:

MINNOVA STANDARD LITHO PACKAGE
 AU WET GEOCHEM
 CU, PB, ZN, AG MULTI ACID A.A. ANALYSIS
 AU FIRE ASSAY

Remarks

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 OCT 20 1988
 Ans'd



**MIN-EN
LABORATORIES LTD.**

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Certificate of GEOCHEM

Company: MINNOVA INC.
Project: 336
Attention: G EVANS

File: 8-1721/P1
Date: OCT 8/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

| Sample Number | CU PPM | PB PPM | ZN PPM | AG PPM | AU-WET PPB |
|---------------|--------|--------|--------|--------|------------|
| BCS 101 58 | 9 | 12 | 48 | 0.6 | 5 |
| BCS 101 59 | 87 | 14 | 51 | 0.9 | 5 |
| BCS 101 60 | 15 | 7 | 32 | 0.5 | 5 |
| BCS 101 61 | 7 | 3 | 13 | 0.4 | 5 |
| BCS 101 63 | 41 | 289 | 53 | 0.9 | 5 |
| BCS 101 64 | 52 | 46 | 24 | 0.6 | 5 |
| BCS 101 68 | 858 | 2590 | 7910 | 21.0 | 11000 |
| BCS 101 69 | 39 | 163 | 346 | 1.5 | 120 |
| BCS 101 70 | 119 | 169 | 79 | 2.9 | 430 |
| BCS 101 71 | 23 | 34 | 68 | 1.8 | 260 |
| BCS 101 72 | 36 | 20 | 44 | 1.0 | 35 |
| BCS 101 76 | 1930 | 9750 | 6890 | 20.5 | 10500 |
| BCS 101 77 | 326 | 1180 | 1810 | 7.1 | 3300 |
| BCS 101 79 | 35 | 174 | 89 | 0.5 | 80 |
| BCS 101 83 | 149 | 26 | 31 | 1.3 | 25 |

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Ans'd

Certified by *[Signature]*
MIN-EN LABORATORIES LTD.



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

Certificate of ASSAY

Company: MINNOVA INC.
Project: 336
Attention: G. EVANS

File: 8-1721/P1
Date: OCT 9/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

| Sample Number | AU G/TONNE | AU OZ/TON |
|---------------|------------|-----------|
| BCS 10168 | 30.80 | 0.898 |
| BCS 10176 | 18.85 | 0.550 |
| BCS 10177 | 7.63 | 0.223 |

Certified by

MIN-EN LABORATORIES LTD.

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 336

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

FILE NO: 8-1721

ATTENTION: G.EVANS

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

* TYPE: ROCK GEOCHEM *

DATE: OCTOBER 16, 1988

| (VALUES IN PPM) | AG | AS | BA | CU | PB | SB | ZN | AU-PPB |
|------------------|-----|----|-----|----|----|----|-----|--------|
| BCS10162 | .5 | 10 | 5 | 10 | 19 | 1 | 64 | 5 |
| BCS10165 | .9 | 21 | 411 | 22 | 15 | 2 | 60 | 5 |
| BCS10166 | .3 | 7 | 91 | 7 | 18 | 1 | 84 | 5 |
| BCS10167 | 1.3 | 40 | 346 | 19 | 36 | 8 | 73 | 5 |
| BCS10178 | .4 | 26 | 58 | 8 | 19 | 1 | 54 | 5 |
| BCS10180 | 2.1 | 24 | 385 | 8 | 13 | 3 | 49 | 5 |
| BCS10181 | 3.2 | 27 | 35 | 8 | 15 | 8 | 77 | 5 |
| BCS10182 | 4.8 | 22 | 122 | 8 | 23 | 6 | 126 | 10 |
| BCS10185 | 1.1 | 22 | 49 | 9 | 15 | 5 | 106 | 5 |

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OCT 20 1988

Ans'd

COMPANY: MINNOVA INC.

MIN-EN LABS ICR REPORT

(ACT:F26) PAGE 1 OF 2

PROJECT NO: 336

7th WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

FILE NO: 8-1721

ATTENTION: G. EVANS

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

* TYPE: ROCK GEOCHEM *

DATE: OCTOBER 16, 1988

| (VALUES IN %) | AL2O3 | BA | CAO | FE2O3 | K2O | MGO | MNO2 | NA2O | P2O5 | SIO2 | SR | TIO2 |
|----------------|-------|------|------|-------|------|------|------|------|------|-------|-----|------|
| BCS10162 | 12.37 | .005 | 1.93 | 3.56 | .03 | .70 | .22 | 5.69 | .04 | 71.38 | .01 | .19 |
| BCS10165 | 16.72 | .092 | 4.66 | 5.71 | 1.62 | 2.26 | .45 | 3.17 | .17 | 59.47 | .05 | .53 |
| BCS10166 | 17.70 | .088 | 7.13 | 7.07 | 2.90 | 2.25 | .55 | 3.70 | .20 | 52.67 | .03 | .58 |
| BCS10167 | 17.13 | .381 | 6.26 | 7.52 | 4.17 | 4.17 | .40 | 3.99 | .85 | 48.09 | .61 | .94 |
| BCS10178 | 13.41 | .095 | 3.82 | 6.20 | 2.63 | 2.31 | .40 | 2.47 | .14 | 61.68 | .03 | .71 |
| BCS10180 | 17.06 | .069 | 5.74 | 10.37 | 1.95 | 5.66 | .52 | 3.98 | .22 | 47.32 | .06 | .76 |
| BCS10181 | 14.00 | .010 | 6.30 | 14.24 | .31 | 7.80 | .71 | 2.73 | .40 | 41.19 | .02 | 2.69 |
| BCS10182 | 15.27 | .079 | 4.26 | 11.99 | 1.92 | 4.24 | .43 | 3.16 | .38 | 48.34 | .05 | 2.31 |
| BCS10185 | 16.65 | .064 | 2.90 | 11.17 | 1.91 | 4.73 | .62 | 3.16 | .31 | 49.59 | .04 | 1.85 |

COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F26) PAGE 2 OF 2

PROJECT NO: 336

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

FILE NO: 8-1721

ATTENTION: G.EVANS

(604)980-5814 OR (604)988-4524 * TYPE: JACK GEOCHEM * DATE: OCTOBER 16, 1988

| (VALUES IN %) | ZR | S | TOT(%) |
|----------------|------|-----|--------|
| BCS10162 | .005 | .47 | 96.59 |
| BCS10165 | .005 | .04 | 94.93 |
| BCS10166 | .005 | .15 | 95.00 |
| BCS10167 | .020 | .31 | 94.85 |
| BCS10178 | .005 | .01 | 93.88 |
| BCS10180 | .005 | .30 | 94.00 |
| BCS10181 | .011 | .03 | 90.45 |
| BCS10182 | .010 | .01 | 92.43 |
| BCS10185 | .011 | .04 | 93.04 |

COMPANY: MYNNQVA INC.

MIN-EN LABS ICP REPORT

(ACT:F31) PAGE 1 OF 1

PROJECT NO: 236

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

FILE NO: 8-1112/P1

ATTENTION: I. PIRTE

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

* TYPE ROCK GEOCHEM *

DATE: AUGUST 12, 1988

| (VALUES IN PPM) | AG | AS | BA | CU | PR | SB | ZN | AU-PPB |
|-----------------|-----|-----|-----|----|----|----|----|--------|
| BCD10101 | 2.5 | 17 | 98 | 40 | 25 | 5 | 46 | 5 |
| BCD10102 | 3.7 | 57 | 189 | 49 | 23 | 9 | 42 | 15 |
| BCD10103 | 3.9 | 61 | 263 | 35 | 20 | 9 | 30 | 5 |
| BCD10104 | 3.8 | 60 | 416 | 35 | 24 | 9 | 33 | 5 |
| BCD10109 | 2.8 | 38 | 121 | 44 | 23 | 5 | 58 | 10 |
| BCD10110 | 1.3 | 6 | 11 | 99 | 10 | 1 | 21 | 5 |
| BCD10111 | 2.5 | 66 | 7 | 7 | 12 | 1 | 39 | 5 |
| BCD10113 | 1.1 | 20 | 14 | 13 | 18 | 2 | 21 | 15 |
| BCD10116 | 2.6 | 24 | 14 | 8 | 20 | 6 | 40 | 10 |
| BCD10118 | .7 | 657 | 10 | 34 | 13 | 2 | 29 | 5 |
| BCD10119 | .9 | 2 | 10 | 41 | 7 | 1 | 36 | 10 |
| BCD10121 | 1.2 | 22 | 27 | 8 | 14 | 1 | 24 | 5 |
| BCD10122 | .4 | 36 | 9 | 5 | 13 | 1 | 27 | 5 |
| BCD10124 | 1.4 | 7 | 15 | 66 | 14 | 1 | 33 | 5 |
| BCD10125 | 1.2 | 12 | 23 | 37 | 19 | 1 | 44 | 125 |
| BCD10126 | .1 | 34 | 13 | 67 | 6 | 1 | 43 | 5 |
| BCD10129 | .8 | 32 | 13 | 5 | 8 | 1 | 28 | 5 |
| BCD10130 | 1.2 | 12 | 106 | 22 | 7 | 4 | 3 | 30 |
| BCD10131 | .2 | 207 | 3 | 19 | 9 | 2 | 33 | 5 |
| BCD10132 | .3 | 17 | 5 | 5 | 10 | 1 | 16 | 5 |
| BCD10133 | 1.1 | 215 | 11 | 43 | 12 | 1 | 39 | 5 |
| BCD10134 | .2 | 17 | 26 | 7 | 36 | 1 | 94 | 25 |
| BCD10135 | 1.7 | 19 | 3 | 45 | 11 | 1 | 23 | 5 |

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Ans'd

PROJECT NO: 236

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

FILE NO: 8-1112L/P1

ATTENTION: I. PIRIE

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

* TYPE: ROCK GEOCHEM *

DATE: AUGUST 11, 1988

| (VALUES IN %) | AL2O3 | BA | CAO | FE2O3 | K2O | MGO | MNO2 | NA2O | P2O5 | SIO2 | SR | TIO2 |
|----------------|-------|------|-------|-------|------|-------|------|------|------|-------|-----|------|
| BCD10101 | 17.60 | .115 | 5.42 | 6.34 | 2.50 | 2.20 | .19 | 4.42 | .26 | 53.10 | .06 | .65 |
| BCD10102 | 4.35 | .145 | .54 | 2.66 | 1.02 | .92 | .06 | .25 | .22 | 85.92 | .04 | .20 |
| BCD10103 | 7.03 | .228 | .02 | 3.01 | 1.64 | 1.24 | .04 | .54 | .25 | 82.63 | .04 | .37 |
| BCD10104 | 4.47 | .309 | .03 | 2.55 | 1.13 | .79 | .04 | .07 | .24 | 87.19 | .02 | .27 |
| BCD10109 | 11.43 | .124 | 1.19 | 6.45 | 2.01 | 2.18 | .06 | 1.35 | .23 | 69.18 | .04 | .90 |
| BCD10110 | 17.77 | .008 | 9.47 | 8.96 | .12 | 5.62 | .17 | 2.73 | .07 | 47.98 | .02 | .50 |
| BCD10111 | 1.08 | .005 | 1.14 | 9.52 | .01 | 35.18 | .18 | .01 | .13 | 42.51 | .01 | .01 |
| BCD10113 | 17.38 | .016 | 13.98 | 8.13 | .80 | 5.51 | .23 | 1.40 | .09 | 41.17 | .03 | .38 |
| BCD10116 | 13.23 | .019 | 4.00 | 5.16 | 1.61 | 1.02 | .13 | 1.78 | .13 | 66.35 | .03 | .30 |
| BCD10118 | 13.71 | .014 | 16.34 | 6.63 | .33 | 5.41 | .23 | 1.76 | .10 | 42.44 | .02 | .25 |
| BCD10119 | 15.49 | .014 | 7.62 | 7.04 | .72 | 6.10 | .16 | 2.28 | .14 | 50.63 | .04 | .25 |
| BCD10121 | 14.00 | .012 | 8.60 | 7.57 | .03 | 8.12 | .18 | 2.07 | .13 | 49.62 | .03 | .20 |
| BCD10122 | 15.48 | .011 | 9.60 | 7.54 | .50 | 6.94 | .19 | 1.92 | .12 | 46.54 | .03 | .21 |
| BCD10124 | 16.38 | .018 | 6.25 | 7.23 | 1.32 | 3.87 | .14 | 2.48 | .13 | 53.02 | .04 | .37 |
| BCD10125 | 16.72 | .038 | 6.19 | 9.13 | 1.61 | 4.67 | .18 | 2.16 | .18 | 49.60 | .05 | .44 |
| BCD10126 | 17.42 | .019 | 9.89 | 8.38 | .68 | 6.32 | .21 | 2.67 | .15 | 43.10 | .04 | .29 |
| BCD10129 | 16.52 | .029 | 9.03 | 7.42 | 1.83 | 6.12 | .17 | .68 | .11 | 47.43 | .03 | .43 |
| BCD10130 | 2.75 | .027 | 25.11 | 3.61 | .46 | 11.62 | .34 | .01 | .16 | 37.73 | .04 | .25 |
| BCD10131 | 10.49 | .005 | 8.94 | 7.59 | .06 | 11.06 | .24 | .01 | .14 | 48.25 | .03 | .13 |
| BCD10132 | 16.85 | .011 | 6.98 | 7.27 | .53 | 4.22 | .12 | 4.26 | .09 | 48.85 | .04 | .49 |
| BCD10133 | 12.93 | .021 | 8.88 | 7.30 | 1.86 | 6.44 | .20 | .48 | .13 | 50.02 | .03 | .24 |
| BCD10134 | 9.12 | .019 | 12.48 | 6.82 | 1.66 | 8.04 | .36 | .05 | .10 | 47.29 | .03 | .17 |
| BCD10135 | 12.55 | .005 | 6.44 | 7.11 | .01 | 4.12 | .14 | 2.40 | .11 | 58.56 | .03 | .27 |

COMPANY: MINNOVA INC.

PROJECT NO: 236

ATTENTION: I.PIRIE

MIN-EN LABS ICP REPORT

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

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

(ACT:F26) PAGE 2 OF 2

FILE NO: B-1112L/P1

* TYPE ROCK GEOCHEM * DATE: AUGUST 11, 1988

| (VALUES IN %) | ZR | S | TOT(%) |
|----------------|------|-----|--------|
| BCD10101 | .016 | .06 | 92.95 |
| BCD10102 | .006 | .04 | 96.36 |
| BCD10103 | .008 | .08 | 97.11 |
| BCD10104 | .005 | .09 | 97.21 |
| BCD10109 | .012 | .01 | 95.17 |
| BCD10110 | .005 | .03 | 93.45 |
| BCD10111 | .005 | .02 | 89.76 |
| BCD10113 | .005 | .36 | 89.48 |
| BCD10116 | .005 | .02 | 93.77 |
| BCD10118 | .005 | .02 | 87.24 |
| BCD10119 | .005 | .01 | 90.51 |
| BCD10121 | .005 | .04 | 90.59 |
| BCD10122 | .005 | .05 | 89.15 |
| BCD10124 | .005 | .08 | 91.33 |
| BCD10125 | .008 | .54 | 91.51 |
| BCD10126 | .005 | .01 | 89.18 |
| BCD10129 | .005 | .01 | 89.82 |
| BCD10130 | .005 | .04 | 82.16 |
| BCD10131 | .006 | .02 | 86.96 |
| BCD10132 | .005 | .01 | 89.73 |
| BCD10133 | .005 | .01 | 88.54 |
| BCD10134 | .005 | .59 | 86.74 |
| BCD10135 | .005 | .03 | 91.77 |



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

Certificate of Geochem

Company: MINNOVA INC.
Project: 236
Attention: I.D. PIRIE/G. EVANS

File: 8-1112/P2
Date: AUGUST 5/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

| Sample Number | CU PPM | PB PPM | ZN PPM | AG PPM | ALU-WET PPB |
|---------------|--------|--------|--------|--------|-------------|
| BCD10105 | 70 | 1580 | 172 | 2.7 | 3000 |
| BCD10106 | 140 | 78 | 1740 | 2.6 | 690 |
| BCD10107 | 32 | 20 | 75 | 1.0 | 5 |
| BCD10108 | 19 | 3 | 25 | 0.7 | 5 |
| BCD10112 | 10 | 2 | 26 | 0.6 | 5 |
| BCD10114 | 22 | 6 | 50 | 0.6 | 5 |
| BCD10115 | 15 | 2 | 25 | 0.4 | 10 |
| BCD10117 | 1780 | 25000 | 42500 | 75.0 | 80000 |
| BCD10120 | 25 | 17 | 54 | 0.6 | 20 |
| BCD10123 | 63 | 135 | 152 | 1.1 | 80 |
| BCD10127 | 2100 | 15 | 160 | 0.5 | 15 |
| BCD10128 | 13 | 2 | 17 | 0.6 | 5 |

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MIN-EN LABORATORIES LTD.

COMPANY: MINNSVA INC.

PROJECT NO: 238

ATTENTION: G. EVANS/I. PIRIE

MIN-EN LABS ICP REPORT

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

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

* TYPE ROCK GEOCHEM *

(ACT:F31) PAGE 1 OF 1

FILE NO: 8-1222/P1

DATE: AUGUST 20, 1988

| (VALUES IN PPM) | AG | AS | BA | CU | PB | SB | ZN | AU-PPB |
|-----------------|-----|----|-----|----|----|----|----|--------|
| BCS10141 | 1.1 | 26 | 425 | 31 | 36 | 1 | 65 | 5 |
| BCS10146 | .6 | 7 | 255 | 9 | 26 | 4 | 73 | 10 |
| BCS10150 | 1.9 | 34 | 34 | 11 | 13 | 7 | 33 | 5 |
| BCS10151 | 2.4 | 46 | 34 | 16 | 11 | 10 | 16 | 10 |
| BCS10153 | 2.1 | 32 | 54 | 12 | 29 | 6 | 41 | 10 |
| BCS10154 | .9 | 10 | 49 | 6 | 21 | 2 | 60 | 5 |
| BCS10155 | .5 | 10 | 48 | 32 | 19 | 3 | 62 | 5 |
| BCS10157 | 1.5 | 27 | 234 | 9 | 21 | 1 | 87 | 5 |
| BCS10526 | .2 | 39 | 12 | 6 | 17 | 7 | 98 | 5 |
| BCS10531 | 2.2 | 48 | 226 | 38 | 16 | 9 | 26 | 15 |
| BCS10536 | .4 | 2 | 49 | 45 | 11 | 1 | 56 | 10 |
| BCS10537 | .8 | 31 | 34 | 7 | 18 | 1 | 94 | 5 |
| BCS10538 | 2.2 | 10 | 33 | 25 | 18 | 1 | 74 | 5 |
| BCS10542 | 2.1 | 39 | 192 | 72 | 15 | 7 | 53 | 5 |
| BCS10546 | 1.1 | 21 | 155 | 69 | 15 | 2 | 61 | 10 |
| BCS10547 | .3 | 8 | 77 | 34 | 15 | 1 | 55 | 5 |
| BCS10548 | 1.5 | 35 | 20 | 6 | 12 | 1 | 9 | 5 |
| BCS10549 | .5 | 31 | 26 | 5 | 8 | 3 | 42 | 10 |
| BCS10550 | 1.2 | 12 | 62 | 5 | 20 | 3 | 68 | 5 |
| BCS10551 | .5 | 43 | 17 | 5 | 7 | 7 | 66 | 5 |



COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

(ACT:F26) PAGE 1 OF 2

PROJECT NO: 236

WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T1

FILE NO: 8-1222L/P1

ATTENTION: G.EVANS/I.PIRIE

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

* TYPE ROCK GEOCHEM *

DATE: AUGUST 20, 1988

| (VALUES IN %) | AL2O3 | BA | CAD | FE2O3 | K2O | MGO | MNO2 | NA2O | P2O5 | SIO2 | SR | TIO2 |
|----------------|-------|------|------|-------|------|-------|------|------|------|-------|-----|------|
| BCS10141 | 17.13 | .367 | 5.27 | 7.79 | 4.16 | 3.96 | .13 | 3.91 | .90 | 48.22 | .26 | .97 |
| BCS10146 | 14.98 | .355 | 7.68 | 6.40 | 4.10 | 5.90 | .13 | 1.89 | .97 | 47.20 | .25 | .91 |
| BCS10150 | 10.57 | .015 | 2.01 | 2.84 | .59 | 2.05 | .05 | 3.04 | .11 | 74.11 | .03 | .43 |
| BCS10151 | 9.38 | .014 | .41 | .13 | .36 | .64 | .01 | 3.58 | .09 | 81.20 | .02 | .47 |
| BCS10153 | 11.40 | .012 | 9.17 | 12.79 | .32 | 11.98 | .19 | 1.56 | .33 | 45.40 | .02 | 1.54 |
| BCS10154 | 15.36 | .022 | 5.43 | 13.17 | .56 | 3.36 | .33 | 2.84 | .23 | 50.61 | .03 | 1.34 |
| BCS10155 | 16.70 | .021 | 4.20 | 9.89 | .61 | 4.19 | .21 | 4.08 | .14 | 54.33 | .02 | .65 |
| BCS10157 | 15.94 | .049 | 8.76 | 13.61 | 2.10 | 3.98 | .16 | 2.36 | .49 | 42.77 | .06 | 2.96 |
| BCS10526 | 15.92 | .059 | 4.89 | 11.51 | 1.31 | 4.64 | .15 | 3.45 | .38 | 48.17 | .05 | 2.10 |
| BCS10531 | 5.19 | .236 | .19 | 2.87 | 1.39 | .66 | .04 | .25 | .11 | 85.78 | .01 | .32 |
| BCS10536 | 11.31 | .099 | 7.44 | 5.46 | .85 | 2.92 | .13 | 2.70 | .29 | 57.60 | .03 | 1.53 |
| BCS10537 | 16.05 | .052 | 4.75 | 10.74 | 1.31 | 5.01 | .23 | 3.19 | .30 | 49.21 | .04 | 1.95 |
| BCS10538 | 12.64 | .086 | 8.60 | 11.83 | 3.37 | 5.96 | .23 | .14 | .38 | 47.50 | .05 | 2.08 |
| BCS10542 | 4.49 | .243 | .70 | 2.51 | 1.25 | .95 | .07 | .02 | .18 | 85.94 | .01 | .22 |
| BCS10546 | 16.23 | .228 | 4.75 | 4.89 | 2.02 | 2.11 | .16 | 5.61 | .24 | 56.04 | .05 | .62 |
| BCS10547 | 17.63 | .120 | 5.45 | 5.69 | 1.68 | 2.35 | .17 | 5.39 | .21 | 53.54 | .07 | .67 |
| BCS10548 | 1.24 | .005 | 5.01 | 7.74 | .11 | 25.01 | .11 | .03 | .09 | 46.63 | .01 | .03 |
| BCS10549 | 19.15 | .023 | .37 | 9.00 | 1.96 | 11.05 | .07 | 3.01 | .21 | 42.12 | .01 | .86 |
| BCS10550 | 15.22 | .076 | 3.52 | 4.06 | 2.26 | 1.32 | .18 | 3.26 | .13 | 62.38 | .04 | .54 |
| BCS10551 | 16.72 | .014 | 6.30 | 8.51 | .16 | 8.27 | .16 | 2.52 | .08 | 47.62 | .02 | .28 |

COMPANY: MINNOVA INC.
PROJECT NO: 236
ATTENTION: G.EVANS/I.PIRIE

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

(ACT:F26) PAGE 2 OF 2
FILE NO: 8-1222L/P1
DATE: AUGUST 20, 1988

| (VALUES IN %) | ZR | S | TOT(%) |
|----------------|------|------|--------|
| BCS10141 | .019 | .08 | 93.18 |
| BCS10146 | .016 | .03 | 90.80 |
| BCS10150 | .005 | .01 | 95.85 |
| BCS10151 | .012 | .02 | 96.33 |
| BCS10153 | .005 | .02 | 94.73 |
| BCS10154 | .005 | 1.60 | 94.88 |
| BCS10155 | .005 | .09 | 95.13 |
| BCS10157 | .012 | .01 | 93.26 |
| BCS10526 | .005 | .01 | 92.65 |
| BCS10531 | .005 | .15 | 97.19 |
| BCS10536 | .005 | 1.00 | 91.37 |
| BCS10537 | .007 | .02 | 92.85 |
| BCS10538 | .005 | .03 | 92.88 |
| BCS10542 | .005 | .02 | 96.60 |
| BCS10546 | .005 | .71 | 93.65 |
| BCS10547 | .005 | .03 | 93.01 |
| BCS10548 | .005 | 4.92 | 90.93 |
| BCS10549 | .005 | 4.25 | 92.09 |
| BCS10550 | .005 | .56 | 93.53 |
| BCS10551 | .005 | .04 | 90.68 |



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

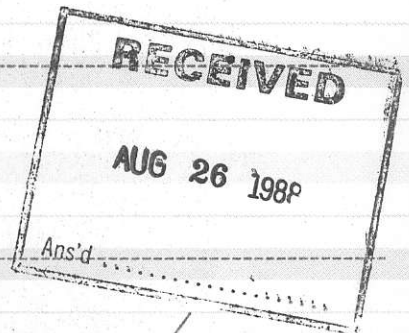
Certificate of ASSAY

Company: MINNOVA INC.
Project: 236
Attention: G. EVANS / I. D. PIRIE

File: 8-1222/P1
Date: AUG 16/88
Type: ROCK ASSAY

We hereby certify the following results for samples submitted.

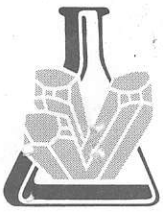
| Sample Number | CU % | PB % | ZN % | AG G/TONNE | AG OZ/TON | AU G/TONNE | AU OZ/TON |
|---------------|------|------|------|------------|-----------|------------|-----------|
| BCS10552 | .318 | 3.06 | 7.10 | 65.7 | 1.92 | 10.38 | 0.303 |



Certified by

[Handwritten Signature]

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TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: MINNOVA INC.
Project: 236
Attention: G. EVANS / I. D. PIRIE

File: 8-1222/P2
Date: AUG 18/88
Type: ROCK GEOCHEM

We hereby certify the following results for samples submitted.

| Sample Number | CU PPM | PB PPM | ZN PPM | AG PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|
| BCS10136 | 8 | 23 | 15 | .9 | 10 |
| BCS10137 | 17 | 42 | 19 | 1.6 | 10 |
| BCS10138 | 105 | 16 | 82 | 1.2 | 5 |
| BCS10139 | 91 | 8 | 31 | .8 | 5 |
| BCS10140 | 83 | 5 | 11 | .8 | 5 |
| BCS10142 | 21 | 2 | 19 | .5 | 5 |
| BCS10143 | 57 | 6 | 19 | .6 | 10 |
| BCS10144 | 10 | 14 | 78 | .8 | 5 |
| BCS10145 | 56 | 22 | 49 | 1.2 | 5 |
| BCS10147 | 1110 | 560 | 22100 | 44.7 | 10 |
| BCS10148 | 1350 | 285 | 35700 | 23.4 | 40 |
| BCS10149 | 1480 | 9100 | 26250 | 39.2 | 20 |
| BCS10152 | 18 | 38 | 140 | .7 | 5 |
| BCS10156 | 16 | 67 | 119 | .8 | 10 |
| BCS10527 | 46 | 54 | 82 | 2.9 | 15 |
| BCS10528 | 22 | 32 | 124 | 1.5 | 5 |
| BCS10529 | 40 | 12 | 29 | .6 | 5 |
| BCS10530 | 17 | 9 | 29 | .4 | 5 |
| BCS10532 | 123 | 27 | 240 | .9 | 100 |
| BCS10533 | 35 | 28 | 54 | .8 | 10 |
| BCS10534 | 10 | 37 | 39 | .5 | 10 |
| BCS10535 | 10 | 13 | 32 | .6 | 5 |
| BCS10539 | 33 | 21 | 75 | .9 | 5 |
| BCS10540 | 17 | 12 | 9 | .4 | 5 |
| BCS10541 | 61 | 13 | 81 | .8 | 5 |
| BCS10543 | 5 | 14 | 9 | .5 | 10 |
| BCS10544 | 5 | 4 | 8 | .4 | 5 |
| BCS10545 | 34 | 9 | 25 | .6 | 50 |

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