



**MINERAL ENVIRONMENTS
LABORATORIES LTD.**

Discovery J.V.

823980

NTS 82E/5W

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

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NORTH VANCOUVER, B.C. CANADA V7M 1T2
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TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Certificate of Geochem

Company: MINNOVA INC.
Project: 230
Attention: L.D. PIRIE/G. EVANS

File: 8-1102/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 | AU-WET PPB |
|---------------|--------|--------|--------|--------|------------|
| 10202 | 60 | 8 | 158 | 1.4 | 5 |
| 10205 | 21 | 3 | 15 | 0.5 | 5 |
| 10206 | 118 | 10 | 95 | 1.2 | 5 |
| 10207 | 66 | 11 | 28 | 0.4 | 10 |
| 10211 | 225 | 16 | 72 | 1.0 | 220 |
| ----- | | | | | |
| 10226 | 22 | 5 | 18 | 0.3 | 10 |
| 10227 | 22 | 20 | 22 | 0.4 | 5 |
| 10228 | 16 | 12 | 24 | 0.8 | 5 |
| 10229 | 15 | 2 | 10 | 0.4 | 5 |
| 10230 | 49 | 15 | 76 | 0.8 | 5 |
| ----- | | | | | |
| 10231 | 30 | 8 | 38 | 0.3 | 5 |
| 10232 | 20 | 15 | 10 | 0.5 | 10 |
| 10233 | 8 | 16 | 14 | 1.0 | 10 |
| 10235 | 18 | 4 | 18 | 0.4 | 5 |
| 10236 | 40 | 12 | 35 | 0.3 | 5 |
| ----- | | | | | |
| 10237 | 32 | 6 | 15 | 0.4 | 5 |

Certified by

MIN-EM LABORATORIES LTD.

COMPANY: MINNOVA INC.

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PROJECT NO: 230

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

FILE NO: 8-1102R/P1

ATTENTION: PIRIE/G.EVANS

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

* TYPE ROCK GEOCHEM * DATE: AUGUST 8, 1988

| (VALUES IN PPM) | AG | AS | BA | CU | PB | SB | ZN | AU-PPB |
|-----------------|-----|----|-----|-----|----|----|----|--------|
| 10201 | .8 | 27 | 54 | 110 | 14 | 2 | 46 | 30 |
| 10203 | .3 | 25 | 25 | 77 | 9 | 1 | 32 | 25 |
| 10204 | .7 | 40 | 50 | 36 | 10 | 4 | 48 | 20 |
| 10208 | 1.2 | 47 | 67 | 25 | 9 | 5 | 36 | 10 |
| 10209 | .6 | 18 | 113 | 16 | 12 | 3 | 54 | 5 |
| 10210 | 1.0 | 35 | 47 | 113 | 8 | 2 | 17 | 60 |
| 10234 | 1.2 | 26 | 123 | 22 | 9 | 3 | 27 | 30 |

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COMPANY: MINNOVA INC.

MIN-EN LABS ICP REPORT

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PROJECT NO: 230

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

FILE NO: 8-1102/P1

ATTENTION: I.PIRIE/G.EVANS

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

* TYPE ROCK GEOCHEM *

DATE: AUGUST 8, 1988

| (VALUES IN %) | AL2O3 | BA | CAO | FE2O3 | K2O | MGO | MNO2 | NA2O | P2O5 | SI02 | SR | TIO2 |
|----------------|-------|------|------|-------|------|------|------|------|------|-------|-----|------|
| 10201 | 16.56 | .188 | 4.90 | 6.59 | 2.37 | 2.59 | 5.17 | 3.38 | .28 | 52.28 | .06 | .52 |
| 10203 | 16.60 | .059 | 6.66 | 7.99 | 1.60 | 3.17 | 5.14 | 2.49 | .19 | 49.13 | .05 | .72 |
| 10204 | 15.43 | .093 | 2.14 | 2.30 | 3.26 | .37 | .81 | 2.83 | .15 | 66.15 | .04 | .32 |
| 10208 | 15.96 | .134 | 2.37 | 2.67 | 2.73 | .51 | .14 | 3.22 | .11 | 65.71 | .05 | .29 |
| 10209 | 16.06 | .207 | 3.50 | 6.29 | 5.32 | 2.62 | 2.52 | 2.70 | .46 | 53.48 | .11 | .94 |
| 10210 | 16.35 | .111 | 6.92 | 6.37 | 2.45 | 2.85 | 4.07 | 2.46 | .26 | 50.31 | .06 | .76 |
| 10234 | 14.98 | .054 | 4.64 | 9.26 | 2.59 | 6.18 | 6.89 | 2.87 | .17 | 43.67 | .02 | 1.11 |

COMPANY: MINNOVA INC.

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PROJECT NO: 230

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

FILE NO: 8-1102/P1

ATTENTION: I.PIRIE/G.EVANS

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

* TYPE ROCK GEOCHEM *

DATE: AUGUST 8, 1988

| (VALUES IN %) | ZR | S | TOT(%) |
|----------------|------|------|--------|
| 10201 | .005 | .43 | 95.30 |
| 10203 | .005 | .71 | 94.51 |
| 10204 | .011 | .22 | 94.13 |
| 10208 | .008 | .18 | 94.08 |
| 10209 | .020 | .15 | 94.38 |
| 10210 | .005 | 1.10 | 94.08 |
| 10234 | .005 | .28 | 92.71 |