



**MINERAL  
ENVIRONMENTAL  
LABORATORIES**  
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTAL  
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

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**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

092P/08

Assay Certificate NOV 19 1990

OV-1691-RA1

Company: MINNOVA INC.  
Project: CM-90-6 ~~515~~ 244  
Attn: I. PIRIE/ D. HEBERLEIN

Date: NOV-15-90

Ans'd ..... Copy 1. MINNOVA INC., VANCOUVER, B.C.  
2. D. HEBERLEIN, VANCOUVER, B.C.

We hereby certify the following Assay of 2 CORE samples  
submitted NOV-05-90 by STEVEN FRASER.

| Sample Number | LOI % |
|---------------|-------|
| BCD24901      | 3.10  |
| BCD24902      | 5.80  |

Certified by \_\_\_\_\_

MIN-EN LABORATORIES





COMP: MINNOVA INC.  
 PROJ: CM-90-7  
 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: 0V-1690-RJ1  
 DATE: 90/11/09  
 \* CORE \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| 24906         | 4.5    | 1      | 181    | 124    | 4      | 1      | 55     | 3      |
| 24907         | 2.0    | 90     | 92     | 30     | 17     | 1      | 19     | 4      |
| 24908         | .9     | 44     | 230    | 71     | 34     | 1      | 78     | 1      |
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NOV 14 1990

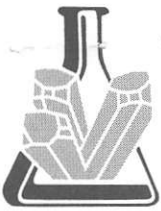
COMP: MINNOVA INC.  
PROJ: CM-90-8  
ATTN: I. PIRIE/ D. HEBERLEIN

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

FILE NO: 0V-1692-RJ1  
DATE: 90/11/09  
\* CORE \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| BCD24909      | 2.4    | 1      | 34     | 65     | 5      | 1      | 50     | 9      |
| BCD24910      | 1.3    | 1      | 58     | 87     | 4      | 1      | 44     | 36     |
| BCD24911      | 3.7    | 1      | 290    | 391    | 6      | 1      | 81     | 2      |
| BCD24912      | 2.2    | 1      | 79     | 129    | 22     | 1      | 137    | 1      |
| BCD24913      | 1.3    | 19     | 51     | 213    | 34     | 1      | 107    | 3      |
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NOV 14 1990



**MIN-EN LABORATORIES**

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**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*

**RECEIVED**  
**AUG 14 1990**

OV-0686-PA1

Company: MINNOVA INC.  
Project: CHINOOK MTN. 244  
Attn: C. CLAYTON

Date: AUG-10-90

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

*We hereby certify* the following Assay of 1 ROCK samples submitted JUL-27-90 by C. CLAYTON.

| Sample Number | LOI % |
|---------------|-------|
| OTCML075      | 3.80  |

Certified by \_\_\_\_\_

MIN-EN LABORATORIES







COMP: MINNOVA INC.  
PROJ: CM 244  
ATTN: I.PIRIE/T.CLARKE

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

FILE NO: 0V-0688-RD1+2  
DATE: 90/08/01  
\* PULP \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM |
|---------------|--------|--------|--------|--------|--------|--------|--------|
| OTCMT076      | .6     | 3      | 81     | 62     | 17     | 1      | 36     |
| OTCML077      | 1.9    | 1      | 29     | 61     | 14     | 1      | 38     |
| OTCML078      | 1.0    | 1      | 16     | 466    | 18     | 1      | 65     |
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APR 8 1991



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**THUNDER BAY LAB.:**  
TELEPHONE (807) 622-8958  
FAX (807) 623-5931

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

*Assay Certificate*

0V-0688-RA2

Company: **MINNOVA INC.**  
Project: **CM 244**  
Attn: **I. PIRIE/T. CLARKE**

Date: **JUN-25-90**

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

RECEIVED  
JUN 29 1990  
Ans'd .....

*We hereby certify* the following Assay of 2 ROCK samples submitted JUN-14-90 by T. CLARKE.

| Sample Number | LOI % |
|---------------|-------|
| OTCML077      | 3.40  |
| OTCML07B      | 4.10  |

Certified by \_\_\_\_\_

*[Handwritten Signature]*

MIN-EN LABORATORIES









**MINERAL ENVIRONMENTAL LABORATORIES**  
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**VANCOUVER OFFICE:**  
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**THUNDER BAY LAB.:**  
TELEPHONE (807) 622-8958  
FAX (807) 623-5931

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

*Assay Certificate* JUN 29 1990

OV-0686-RA1

Company: MINNOVA INC.  
Project: CHINOOK MTN. 244  
Attn: I. PIRIE/T. CLARKE

Date: JUN-26-90

Ans'd ..... Copied to: 1. MINNOVA INC., VANCOUVER, B.C.  
2. MINNOVA INC., BARRIERE, B.C.

We hereby certify the following Assay of 14 ROCK samples submitted JUN-14-90 by S. RERLLY.

| Sample Number | LOI % |
|---------------|-------|
| ORCML001      | 2.60  |
| ORCML002      | 2.45  |
| ORCML003      | 3.10  |
| ORCML004      | 2.70  |
| ORCML005      | 1.75  |
| ORCML006      | 1.70  |
| ORCML007      | 2.30  |
| ORCML008      | 2.60  |
| ORCML009      | 2.15  |
| ORCML010      | 5.50  |
| ORCMG011      | 24.80 |
| ORCML012      | 2.60  |
| ORCML013      | 2.00  |
| OTCML075      | 3.90  |

Certified by \_\_\_\_\_

MIN-EN LABORATORIES









COMP: MINNOVA INC.  
 PROJ: CM 244  
 ATTN: T.CLARKE/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: 0V-0681-SJ1+2  
 DATE: 90/06/19  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB | HG PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| OJRES001      | 1.6    | 1      | 83     | 17     | 8      | 1      | 43     | 5      | 60     |
| OJRES002      | 1.8    | 1      | 80     | 60     | 8      | 1      | 45     | 5      | 75     |
| OJRES003      | 2.2    | 1      | 54     | 37     | 8      | 1      | 49     | 5      | 65     |
| OJRES004      | 1.5    | 1      | 73     | 12     | 9      | 1      | 85     | 5      | 55     |
| OJRES005      | 1.5    | 1      | 106    | 29     | 9      | 1      | 90     | 5      | 25     |
| OJRES006      | 1.4    | 1      | 133    | 25     | 9      | 1      | 70     | 5      | 105    |
| OJRES007      | 1.5    | 283    | 79     | 55     | 15     | 16     | 66     | 95     | 195    |
| OJRES008      | 1.3    | 1      | 152    | 20     | 10     | 1      | 54     | 5      | 100    |
| OJRES009      | 1.2    | 1      | 76     | 12     | 10     | 1      | 56     | 5      | 70     |
| OJRES010      | 1.8    | 1      | 68     | 15     | 8      | 1      | 40     | 5      | 45     |
| OJRES011      | .6     | 1      | 86     | 11     | 12     | 1      | 80     | 5      | 85     |
| OJRES012      | 2.4    | 1      | 80     | 19     | 8      | 1      | 57     | 5      | 65     |
| OJRES013      | 2.1    | 1      | 65     | 14     | 9      | 1      | 51     | 10     | 25     |
| OJRES014      | 2.4    | 1      | 50     | 23     | 8      | 1      | 48     | 5      | 75     |
| OJRES015      | 1.3    | 1      | 121    | 34     | 17     | 1      | 109    | 5      | 80     |
| OJRES016      | 1.5    | 1      | 183    | 27     | 25     | 1      | 109    | 5      | 90     |
| OJRES017      | 1.4    | 1      | 97     | 22     | 12     | 1      | 64     | 5      | 55     |
| OJRES046      | 1.5    | 1      | 114    | 15     | 11     | 1      | 59     | 5      | 10     |
| OJRES047      | 1.9    | 1      | 65     | 17     | 7      | 1      | 52     | 5      | 45     |
| OJRES048      | 1.7    | 1      | 69     | 14     | 8      | 1      | 51     | 5      | 5      |
| OJRES049      | 2.0    | 1      | 113    | 65     | 10     | 1      | 58     | 5      | 25     |
| OJRES050      | .6     | 1      | 134    | 14     | 13     | 1      | 89     | 5      | 45     |
| OJRES051      | .9     | 1      | 56     | 44     | 10     | 1      | 70     | 10     | 45     |
| OJRES052      | 1.4    | 1      | 92     | 22     | 15     | 1      | 74     | 5      | 50     |
| OJRES053      | 1.1    | 1      | 162    | 23     | 13     | 1      | 54     | 5      | 25     |
| OJRES054      | 1.7    | 1      | 88     | 42     | 14     | 1      | 48     | 10     | 20     |
| OJRES055      | 1.0    | 1      | 58     | 35     | 14     | 1      | 81     | 10     | 95     |
| OJRES056      | 1.1    | 1      | 103    | 20     | 13     | 1      | 91     | 5      | 60     |
| OJRES057      | .3     | 1      | 96     | 10     | 10     | 1      | 106    | 5      | 65     |
| OJRES058      | .7     | 1      | 84     | 23     | 11     | 1      | 105    | 5      | 75     |
| OJRES059      | .8     | 1      | 75     | 46     | 15     | 1      | 66     | 5      | 30     |
| OJRES060      | .8     | 1      | 97     | 41     | 7      | 1      | 73     | 5      | 15     |
| OJRES061      | 1.3    | 1      | 76     | 16     | 13     | 1      | 71     | 5      | 20     |
| OJRES062      | 1.2    | 1      | 152    | 22     | 13     | 1      | 69     | 5      | 40     |
| OJRES063      | 1.5    | 1      | 133    | 16     | 9      | 1      | 53     | 5      | 5      |
| OJRES064      | 1.1    | 1      | 218    | 31     | 17     | 1      | 67     | 5      | 35     |
| OJRES065      | 1.2    | 1      | 80     | 39     | 15     | 1      | 73     | 5      | 45     |
| OJRES066      | 1.1    | 1      | 107    | 27     | 17     | 1      | 67     | 5      | 15     |
| OJRES067      | 1.0    | 1      | 102    | 32     | 14     | 1      | 69     | 5      | 45     |
| OJRES068      | 1.4    | 1      | 131    | 34     | 10     | 1      | 60     | 5      | 5      |
| OJRES069      | 1.7    | 1      | 119    | 27     | 10     | 1      | 66     | 5      | 5      |
| OJRES070      | 1.8    | 1      | 77     | 23     | 10     | 1      | 48     | 5      | 5      |
| OJRES071      | 1.3    | 1      | 111    | 24     | 10     | 1      | 74     | 5      | 5      |
| ODRES093      | 1.1    | 1      | 109    | 47     | 12     | 1      | 61     | 5      | 5      |
| ODRES094      | 1.5    | 1      | 126    | 48     | 10     | 1      | 105    | 5      | 5      |
| ODRES095      | 1.6    | 1      | 134    | 48     | 15     | 1      | 75     | 10     | 15     |
| ODRES096      | 1.2    | 1      | 186    | 38     | 20     | 1      | 99     | 5      | 5      |
| ODRES097      | 1.9    | 1      | 97     | 27     | 11     | 1      | 50     | 5      | 5      |
| ODRES098      | 1.6    | 1      | 118    | 22     | 10     | 1      | 50     | 5      | 10     |
| ODRES099      | 1.1    | 1      | 168    | 32     | 14     | 1      | 95     | 5      | 5      |
| ODRES100      | 1.0    | 1      | 106    | 16     | 13     | 1      | 71     | 5      | 5      |
| ODRES101      | .5     | 1      | 101    | 7      | 13     | 1      | 95     | 5      | 10     |
| ODRES102      | 1.1    | 1      | 77     | 11     | 12     | 1      | 33     | 10     | 15     |
| ODRES103      | 2.3    | 1      | 78     | 18     | 11     | 1      | 34     | 5      | 5      |
| ODRES104      | 1.5    | 1      | 61     | 14     | 8      | 1      | 22     | 5      | 5      |
| ODRES105      | .7     | 1      | 63     | 12     | 11     | 1      | 86     | 5      | 5      |
| ODRES106      | 1.3    | 1      | 116    | 14     | 9      | 1      | 44     | 10     | 15     |
| ODRES107      | 1.7    | 1      | 92     | 15     | 12     | 1      | 43     | 15     | 10     |
| ODRES108      | 1.4    | 1      | 84     | 11     | 8      | 1      | 31     | 5      | 5      |
| ODRES109      | 1.7    | 1      | 109    | 19     | 8      | 1      | 42     | 10     | 10     |

**RECEIVED**  
**JUN 21 1990**  
 Ans'd .....



COMP: MINNOVA INC.  
 PROJ: CM 244  
 ATTN: I.PIRIE/T.CLARKE

**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-0645-SJ1+2  
 DATE: 90/06/16  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| ODRES030      | .9     | 1      | 135    | 45     | 16     | 1      | 81     | 5      |
| ODRES031      | .9     | 1      | 131    | 58     | 19     | 1      | 94     | 10     |
| ODRES032      | 1.7    | 1      | 105    | 32     | 11     | 1      | 79     | 5      |
| ODRES033      | 1.6    | 1      | 103    | 34     | 13     | 1      | 91     | 5      |
| ODRES034      | 2.4    | 1      | 83     | 59     | 9      | 1      | 65     | 5      |
| ODRES035      | 1.6    | 1      | 145    | 49     | 20     | 1      | 132    | 5      |
| ODRES036      | 2.5    | 1      | 105    | 49     | 14     | 1      | 91     | 5      |
| ODRES037      | 1.2    | 39     | 118    | 51     | 20     | 1      | 82     | 5      |
| ODRES038      | 1.6    | 4      | 106    | 83     | 21     | 1      | 105    | 5      |
| ODRES039      | 2.1    | 1      | 76     | 25     | 9      | 1      | 58     | 5      |
| ODRES040      | 1.6    | 1      | 105    | 21     | 15     | 1      | 96     | 5      |
| ODRES041      | 1.5    | 1      | 211    | 45     | 19     | 1      | 111    | 5      |
| ODRES042      | 1.2    | 3      | 178    | 41     | 21     | 1      | 127    | 5      |
| ODRES043      | .7     | 1      | 146    | 40     | 23     | 1      | 115    | 5      |
| ODRES044      | .9     | 1      | 159    | 45     | 22     | 1      | 150    | 5      |
| ODRES045      | 1.3    | 1      | 140    | 75     | 16     | 1      | 115    | 5      |
| ODRES046      | .8     | 1      | 117    | 22     | 15     | 1      | 129    | 5      |
| ODRES047      | 1.3    | 1      | 128    | 34     | 12     | 1      | 87     | 5      |
| ODRES048      | 1.9    | 1      | 138    | 64     | 13     | 1      | 98     | 10     |
| ODRES049      | 1.1    | 1      | 87     | 35     | 15     | 1      | 72     | 5      |
| ODRES050      | 1.0    | 1      | 118    | 19     | 12     | 1      | 153    | 5      |
| ODRES051      | 1.7    | 1      | 134    | 23     | 12     | 1      | 99     | 5      |
| ODRES052      | 1.2    | 1      | 143    | 66     | 22     | 1      | 163    | 5      |
| ODRES053      | 1.6    | 1      | 135    | 32     | 18     | 1      | 119    | 5      |
| ODRES054      | 2.1    | 1      | 97     | 35     | 9      | 1      | 56     | 5      |
| ODRES055      | .4     | 1      | 43     | 23     | 13     | 1      | 114    | 5      |
| ODRES056      | 1.6    | 1      | 97     | 26     | 12     | 1      | 76     | 5      |
| ODRES057      | 1.9    | 2      | 141    | 59     | 18     | 1      | 81     | 5      |
| ODRES058      | 1.9    | 7      | 71     | 79     | 15     | 1      | 38     | 5      |
| ODRES059      | 2.0    | 1      | 78     | 31     | 12     | 1      | 48     | 5      |
| ODRES060      | .9     | 1      | 90     | 26     | 8      | 1      | 63     | 5      |
| ODRES061      | 1.1    | 1      | 92     | 36     | 13     | 1      | 68     | 5      |
| ODRES062      | 1.6    | 1      | 89     | 26     | 10     | 1      | 56     | 5      |
| ODRES063      | 1.2    | 1      | 109    | 28     | 10     | 1      | 98     | 5      |
| ODRES064      | 1.5    | 1      | 103    | 22     | 9      | 1      | 76     | 5      |
| ODRES065      | 1.4    | 1      | 92     | 24     | 10     | 1      | 53     | 5      |
| ODRES066      | 1.4    | 1      | 105    | 59     | 8      | 1      | 56     | 5      |
| ODRES067      | 1.2    | 8      | 147    | 88     | 22     | 1      | 103    | 5      |
| ODRES068      | .6     | 10     | 144    | 57     | 20     | 1      | 89     | 5      |
| ODRES069      | .8     | 1      | 113    | 81     | 20     | 1      | 82     | 5      |
| ODRES070      | 1.3    | 1      | 180    | 72     | 20     | 1      | 87     | 5      |
| ODRES071      | 1.0    | 1      | 172    | 52     | 16     | 1      | 111    | 10     |
| ODRES072      | 1.0    | 1      | 102    | 32     | 9      | 1      | 64     | 5      |
| ODRES073      | 1.3    | 1      | 120    | 19     | 12     | 1      | 73     | 5      |
| ODRES074      | 1.2    | 1      | 136    | 43     | 15     | 1      | 91     | 5      |
| ODRES075      | .1     | 27     | 75     | 118    | 15     | 11     | 64     | 10     |
| ODRES076      | 1.1    | 1      | 127    | 32     | 18     | 1      | 62     | 15     |
| ODRES077      | 1.5    | 1      | 121    | 38     | 14     | 1      | 54     | 5      |
| ODRES078      | 1.5    | 1      | 105    | 27     | 14     | 1      | 57     | 5      |
| ODRES079      | 1.1    | 1      | 95     | 20     | 14     | 1      | 68     | 5      |
| ODRES080      | 2.1    | 1      | 321    | 42     | 8      | 1      | 45     | 5      |
| ODRES081      | 1.7    | 1      | 74     | 30     | 12     | 1      | 51     | 5      |
| ODRES082      | 1.9    | 1      | 95     | 32     | 11     | 1      | 53     | 5      |
| ODRES083      | 1.8    | 1      | 88     | 32     | 8      | 1      | 63     | 5      |
| ODRES084      | 1.9    | 1      | 87     | 25     | 10     | 1      | 49     | 5      |
| ODRES085      | 1.5    | 1      | 80     | 29     | 11     | 1      | 54     | 5      |
| ODRES086      | 1.6    | 1      | 71     | 34     | 12     | 1      | 48     | 5      |
| ODRES087      | 1.8    | 1      | 49     | 35     | 11     | 1      | 47     | 5      |
| ODRES088      | 1.3    | 1      | 258    | 28     | 20     | 1      | 105    | 5      |
| ODRES089      | 1.1    | 11     | 187    | 32     | 16     | 1      | 92     | 5      |

JUN 20 1991

Ans'd .....

COMP: MINNOVA INC.  
 PROJ: CM 244  
 ATTN: I.PIRIE/T.CLARKE

**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-0645-SJ3+4  
 DATE: 90/06/16  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| ODRES090      | 1.0    | 1      | 105    | 31     | 12     | 1      | 74     | 5      |
| ODRES091      | .8     | 3      | 125    | 23     | 16     | 1      | 100    | 5      |
| ODRES092      | 1.1    | 1      | 153    | 26     | 16     | 1      | 91     | 5      |
| ODCMS184      | 1.4    | 1      | 120    | 21     | 13     | 1      | 88     | 5      |
| ODCMS185      | 3.0    | 1      | 44     | 81     | 8      | 1      | 61     | 15     |
| ODCMS186      | 1.2    | 1      | 78     | 14     | 8      | 1      | 85     | 5      |
| ODCMS187      | 1.2    | 1      | 139    | 16     | 11     | 1      | 102    | 5      |
| ODCMS188      | 1.6    | 1      | 165    | 43     | 18     | 1      | 77     | 5      |
| ODCMS189      | 1.2    | 1      | 288    | 47     | 21     | 1      | 154    | 5      |
| ODCMS190      | 1.7    | 1      | 55     | 21     | 11     | 1      | 46     | 5      |
| ODCMS191      | 2.7    | 1      | 56     | 71     | 14     | 1      | 52     | 10     |
| ODCMS192      | 1.0    | 1      | 111    | 18     | 10     | 1      | 90     | 5      |
| ODCMS193      | 1.4    | 1      | 91     | 16     | 9      | 1      | 68     | 5      |
| ODCMS194      | 1.9    | 1      | 84     | 15     | 10     | 1      | 48     | 5      |
| ODCMS195      | 1.1    | 8      | 100    | 12     | 11     | 1      | 68     | 5      |
| ODCMS196      | 1.1    | 10     | 261    | 20     | 17     | 1      | 101    | 5      |
| ODCMS197      | 2.1    | 133    | 144    | 285    | 18     | 9      | 52     | 10     |
| ODCMS198      | 1.7    | 1      | 150    | 15     | 16     | 1      | 60     | 5      |
| ODCMS199      | 2.2    | 1      | 95     | 58     | 15     | 1      | 54     | 5      |
| ODCMS200      | 1.8    | 1      | 93     | 19     | 12     | 1      | 55     | 5      |
| ODCMS201      | 1.3    | 1      | 123    | 20     | 10     | 1      | 74     | 5      |
| ODCMS202      | 1.5    | 1      | 146    | 22     | 9      | 1      | 79     | 5      |
| ODCMS203      | 1.2    | 1      | 127    | 14     | 9      | 1      | 66     | 5      |
| ODCMS204      | 1.4    | 1      | 190    | 20     | 14     | 1      | 89     | 5      |
| ODCMS205      | 1.8    | 1      | 104    | 28     | 8      | 1      | 70     | 5      |
| ODCMS206      | 1.3    | 4      | 147    | 16     | 11     | 1      | 90     | 5      |
| ODCMS207      | 1.8    | 3      | 95     | 15     | 14     | 1      | 85     | 10     |
| ODCMS208      | 1.3    | 2      | 143    | 23     | 10     | 1      | 52     | 5      |
| ODCMS209      | .8     | 15     | 140    | 18     | 10     | 1      | 40     | 5      |
| ODCMS210      | 1.3    | 1      | 62     | 20     | 12     | 1      | 48     | 5      |
| ODCMS211      | 1.2    | 1      | 38     | 15     | 9      | 1      | 35     | 5      |
| ODCMS212      | 1.2    | 1      | 117    | 26     | 15     | 1      | 53     | 5      |
| ODCMS213      | 1.5    | 1      | 143    | 36     | 17     | 1      | 42     | 5      |
| ODCMS214      | 1.3    | 1      | 144    | 27     | 12     | 1      | 47     | 5      |
| ODCMS215      | 1.7    | 1      | 121    | 24     | 10     | 1      | 47     | 5      |
| ODCMS216      | 1.7    | 1      | 109    | 26     | 10     | 1      | 52     | 10     |
| ODCMS217      | 2.0    | 4      | 105    | 23     | 12     | 1      | 48     | 5      |
| ODCMS218      | 2.2    | 1      | 64     | 22     | 11     | 1      | 48     | 5      |
| ODCMS219      | 1.7    | 1      | 151    | 22     | 13     | 1      | 67     | 5      |
| ODCMS220      | 1.6    | 1      | 76     | 17     | 8      | 1      | 47     | 5      |
| ODCMS221      | 1.5    | 1      | 195    | 19     | 17     | 1      | 74     | 5      |
| ODCMS222      | 1.3    | 1      | 100    | 18     | 14     | 1      | 92     | 5      |
| ODCMS223      | 1.5    | 1      | 130    | 24     | 12     | 1      | 67     | 10     |
| ODCMS224      | 1.4    | 1      | 115    | 17     | 12     | 1      | 75     | 5      |
| ODCMS225      | 1.3    | 1      | 152    | 29     | 15     | 1      | 83     | 5      |
| ODCMS226      | .7     | 1      | 90     | 31     | 12     | 1      | 67     | 5      |
| ODCMS227      | 1.5    | 1      | 112    | 19     | 11     | 1      | 53     | 5      |
| ODCMS228      | .8     | 1      | 215    | 10     | 9      | 1      | 58     | 5      |
| ODCMS229      | .7     | 7      | 141    | 19     | 18     | 1      | 42     | 5      |
| ODCMS230      | .6     | 1      | 227    | 11     | 12     | 1      | 76     | 5      |
| ODCMS231      | .8     | 1      | 197    | 12     | 12     | 1      | 125    | 5      |
| ODCMS232      | .9     | 1      | 215    | 13     | 17     | 1      | 126    | 5      |
| ODCMS233      | 1.5    | 1      | 226    | 28     | 13     | 1      | 77     | 10     |
| ODCMS234      | 1.4    | 1      | 162    | 37     | 14     | 1      | 64     | 5      |
| ODCMS235      | 1.0    | 1      | 212    | 37     | 19     | 1      | 90     | 5      |
| ODCMS236      | .3     | 1      | 341    | 12     | 13     | 1      | 146    | 5      |
| ODCMS237      | 1.1    | 1      | 129    | 17     | 16     | 1      | 66     | 5      |
| ODCMS238      | 1.1    | 1      | 133    | 20     | 16     | 1      | 54     | 5      |
| ODCMS239      | 1.4    | 8      | 134    | 65     | 15     | 1      | 59     | 5      |
| ODCMS240      | 1.0    | 7      | 157    | 15     | 19     | 1      | 67     | 5      |





**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**  
 JUN 21 1990  
 Copy 1: MINNOVA INC., VANCOUVER, B.C.  
 ANS'D ..... MINNOVA INC., BARRIERE, B.C.

*Assay Certificate*

OV-0648-RA1

Company: **MINNOVA INC.**  
 Project: **CM 244**  
 Attn: **I. PIRIE/T. CLARKE**

Date: **JUN-15-90**

*We hereby certify* the following Assay of 16 ROCK samples submitted JUN-09-90 by L. PRENTICE.

| Sample Number | LOI % |
|---------------|-------|
| OTCML055      | 2.10  |
| OTCML056      | 6.80  |
| OTCML057      | 2.95  |
| OTCML058      | 2.30  |
| OTCML059      | 1.95  |
| OTCML064      | 1.35  |
| OTCML065      | 6.40  |
| OTCML066      | 3.80  |
| OTCML067      | 3.70  |
| OTCML068      | 6.35  |
| OTCML069      | 2.75  |
| OTCML070      | 3.20  |
| OTCML071      | 3.10  |
| OTCML072      | 3.00  |
| OTCML073      | 2.70  |
| OTCML074      | 2.25  |

Certified by \_\_\_\_\_

*[Handwritten Signature]*

MIN-EN LABORATORIES









**MINERAL  
ENVIRONMENTAL  
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-0623-RA1

Company: MINNOVA INC.  
Project: CM 244  
Attn: I. PIRIE/T. CLARKE

Date: JUN-13-90  
Copy 1. MINNOVA INC., VANCOUVER, B.C.  
2. MINNOVA INC., BARRIERE, B.C.

*We hereby certify* the following Assay of 12 ROCK samples submitted JUN-06-90 by L. PRENTICE.

| Sample Number | LOI % |
|---------------|-------|
| OTCML047      | 2.55  |
| OTCML048      | 2.70  |
| OTCML049      | 2.30  |
| OTCML050      | 1.95  |
| OTCML051      | 1.80  |
| OTCML052      | 2.10  |
| OTCML053      | 2.50  |
| OTCML054      | 2.80  |
| OTCML060      | 2.90  |
| OTCML061      | 2.85  |
| OTCML062      | 2.40  |
| OTCML063      | 3.20  |

**RECEIVED**  
**JUN 15 1990**  
Ans'd .....

Certified by \_\_\_\_\_

MIN-EN LABORATORIES

COMP: MINNOVA INC.  
 PROJ: CM 244  
 ATTN: I.PIRIE/T.CLARKE

**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-0623-RJ1  
 DATE: 90/06/13  
 \* ROCK \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| OTCML047      | 1.1    | 1      | 13     | 48     | 3      | 1      | 23     | 5      |
| OTCML048      | 1.7    | 3      | 7      | 163    | 1      | 1      | 62     | 5      |
| OTCML049      | 2.2    | 1      | 10     | 36     | 1      | 1      | 47     | 5      |
| OTCML050      | 2.4    | 2      | 11     | 52     | 1      | 1      | 35     | 5      |
| OTCML051      | 3.1    | 1      | 8      | 65     | 1      | 1      | 35     | 5      |
| OTCML052      | 2.3    | 1      | 8      | 59     | 1      | 1      | 43     | 5      |
| OTCML053      | 3.0    | 1      | 8      | 48     | 1      | 1      | 43     | 5      |
| OTCML054      | 1.9    | 1      | 7      | 45     | 1      | 1      | 47     | 5      |
| OTCML060      | 2.8    | 1      | 7      | 55     | 1      | 1      | 50     | 5      |
| OTCML061      | 2.8    | 2      | 7      | 55     | 1      | 1      | 46     | 10     |
| OTCML062      | 2.8    | 3      | 8      | 47     | 1      | 1      | 43     | 5      |
| OTCML063      | 2.9    | 4      | 13     | 61     | 1      | 1      | 58     | 5      |
|               |        |        |        |        |        |        |        |        |
|               |        |        |        |        |        |        |        |        |
|               |        |        |        |        |        |        |        |        |
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|               |        |        |        |        |        |        |        |        |
|               |        |        |        |        |        |        |        |        |

**JUN 15 1990**

Ans'd .....



COMP: MINNOVA INC.  
 PROJ: 2 CM P.O. 244  
 ATTN: I.PIRIE/T.CLARKE

**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-0612-SJ1+2  
 DATE: 90/06/12  
 \* SOIL \* (ACT:F31)

RECEIVED

JUN 15 1990

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPM |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| OPCMS001      | .1     | 1      | 109    | 17     | 14     | 1      | 90     | 5      |
| OPCMS002      | .7     | 3      | 149    | 20     | 18     | 1      | 90     | 5      |
| OPCMS003      | .4     | 7      | 131    | 12     | 18     | 1      | 108    | 5      |
| OPCMS004      | 1.7    | 1      | 98     | 21     | 15     | 1      | 59     | 5      |
| OPCMS005      | 1.2    | 1      | 92     | 20     | 9      | 1      | 65     | 5      |
| OPCMS006      | 1.3    | 1      | 139    | 15     | 14     | 1      | 82     | 10     |
| OPCMS007      | .5     | 6      | 75     | 28     | 13     | 1      | 72     | 5      |
| OPCMS008      | .6     | 1      | 150    | 13     | 13     | 1      | 77     | 5      |
| OPCMS009      | .1     | 6      | 99     | 9      | 12     | 1      | 71     | 5      |
| OPCMS010      | .1     | 2      | 98     | 8      | 13     | 1      | 70     | 5      |
| OPCMS011      | .6     | 2      | 162    | 19     | 13     | 1      | 120    | 5      |
| OPCMS012      | .2     | 1      | 95     | 11     | 13     | 1      | 72     | 5      |
| OPCMS013      | .9     | 7      | 107    | 18     | 14     | 1      | 77     | 5      |
| OPCMS014      | .1     | 3      | 86     | 8      | 12     | 1      | 92     | 5      |
| OPCMS015      | .3     | 4      | 77     | 14     | 13     | 1      | 87     | 5      |
| OPCMS016      | 1.1    | 1      | 125    | 12     | 18     | 1      | 84     | 5      |
| OPCMS017      | 1.5    | 8      | 114    | 16     | 15     | 1      | 50     | 5      |
| OPCMS018      | 1.3    | 8      | 114    | 15     | 18     | 1      | 56     | 5      |
| OPCMS019      | 2.1    | 6      | 81     | 19     | 13     | 1      | 46     | 5      |
| OPCMS020      | 2.0    | 1      | 52     | 18     | 15     | 1      | 48     | 10     |
| OPCMS021      | 2.2    | 8      | 47     | 27     | 11     | 1      | 48     | 5      |
| OPCMS022      | 2.0    | 7      | 92     | 19     | 15     | 1      | 62     | 5      |
| OPCMS023      | .7     | 4      | 125    | 18     | 16     | 1      | 106    | 5      |
| OPCMS024      | 1.9    | 14     | 102    | 28     | 17     | 1      | 75     | 10     |
| OPCMS025      | 2.4    | 12     | 63     | 29     | 14     | 1      | 53     | 10     |
| OPCMS026      | 1.3    | 6      | 99     | 16     | 13     | 1      | 87     | 5      |
| OPCMS027      | 2.4    | 14     | 52     | 27     | 16     | 1      | 57     | 5      |
| OPCMS028      | 1.6    | 10     | 83     | 22     | 17     | 1      | 38     | 5      |
| OPCMS029      | 1.5    | 2      | 115    | 21     | 13     | 1      | 68     | 5      |
| OPCMS030      | 1.3    | 2      | 133    | 44     | 16     | 1      | 102    | 5      |
| OPCMS031      | .2     | 1      | 88     | 12     | 14     | 1      | 72     | 5      |
| OPCMS032      | .6     | 1      | 176    | 22     | 17     | 1      | 74     | 5      |
| OPCMS033      | .5     | 63     | 75     | 31     | 16     | 5      | 90     | 5      |
| OPCMS034      | .4     | 1      | 120    | 16     | 13     | 1      | 79     | 5      |
| OPCMS035      | .4     | 4      | 165    | 144    | 23     | 1      | 100    | 5      |
| OPCMS036      | 1.3    | 1      | 131    | 59     | 17     | 1      | 68     | 5      |
| OPCMS037      | .7     | 1      | 161    | 40     | 21     | 1      | 99     | 5      |
| OPCMS038      | 1.4    | 1      | 97     | 33     | 16     | 1      | 55     | 10     |
| OPCMS039      | 1.5    | 9      | 47     | 46     | 13     | 3      | 55     | 5      |
| OPCMS040      | 1.4    | 5      | 49     | 29     | 15     | 1      | 59     | 5      |
| OPCMS041      | 1.1    | 6      | 135    | 53     | 20     | 1      | 84     | 5      |
| OPCMS042      | .1     | 4      | 95     | 10     | 12     | 1      | 86     | 5      |
| OPCMS043      | .7     | 2      | 210    | 29     | 22     | 1      | 87     | 5      |
| OPCMS044      | 1.3    | 6      | 150    | 19     | 20     | 1      | 69     | 5      |
| OPCMS045      | 1.3    | 1      | 243    | 28     | 25     | 1      | 80     | 5      |
| OPCMS046      | .8     | 2      | 164    | 18     | 17     | 1      | 82     | 10     |
| OPCMS047      | 1.5    | 23     | 61     | 68     | 20     | 1      | 55     | 5      |
| OPCMS048      | 1.9    | 4      | 57     | 29     | 12     | 1      | 45     | 5      |
| OPCMS049      | 1.4    | 1      | 71     | 17     | 13     | 1      | 40     | 5      |
| OPCMS050      | 1.9    | 2      | 68     | 35     | 12     | 1      | 45     | 5      |
| OPCMS051      | 1.6    | 1      | 76     | 29     | 16     | 1      | 50     | 5      |
| OPCMS052      | 2.1    | 1      | 51     | 30     | 11     | 1      | 41     | 5      |
| OPCMS053      | 2.2    | 1      | 57     | 21     | 9      | 1      | 40     | 5      |
| OPCMS054      | 2.7    | 1      | 52     | 32     | 10     | 1      | 49     | 5      |
| OPCMS055      | 2.3    | 3      | 54     | 40     | 13     | 1      | 48     | 5      |
| OPCMS056      | 2.1    | 3      | 54     | 28     | 11     | 1      | 39     | 5      |
| OPCMS057      | 2.0    | 2      | 46     | 19     | 10     | 1      | 41     | 5      |
| OPCMS058      | 2.4    | 4      | 62     | 22     | 15     | 1      | 42     | 5      |
| OPCMS059      | 2.0    | 1      | 70     | 20     | 11     | 1      | 45     | 5      |
| OPCMS060      | 1.3    | 7      | 86     | 16     | 15     | 1      | 68     | 10     |

COMP: MINNOVA INC.  
 PROJ: 2 CM P.O. 244  
 ATTN: I.PIRIE/T.CLARKE

**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-0612-SJ3+4  
 DATE: 90/06/12  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| OPCMS061      | 1.0    | 5      | 149    | 33     | 21     | 1      | 99     | 5      |
| OPCMS062      | 1.3    | 10     | 82     | 40     | 12     | 1      | 81     | 5      |
| OPCMS063      | .9     | 10     | 154    | 30     | 21     | 1      | 89     | 5      |
| OPCMS064      | 1.6    | 14     | 99     | 31     | 14     | 1      | 86     | 5      |
| OPCMS065      | 1.6    | 5      | 175    | 27     | 18     | 1      | 114    | 5      |
| OPCMS066      | .1     | 6      | 143    | 11     | 11     | 1      | 104    | 10     |
| OPCMS067      | .1     | 7      | 174    | 17     | 17     | 1      | 118    | 5      |
| OPCMS068      | .5     | 4      | 76     | 14     | 14     | 1      | 109    | 5      |
| OPCMS069      | 1.0    | 11     | 117    | 25     | 16     | 1      | 100    | 5      |
| OPCMS070      | 1.4    | 16     | 160    | 34     | 18     | 1      | 89     | 5      |
| OPCMS071      | .4     | 26     | 132    | 42     | 17     | 1      | 103    | 5      |
| OPCMS072      | 2.3    | 17     | 79     | 78     | 21     | 1      | 87     | 5      |
| OPCMS073      | .8     | 10     | 152    | 27     | 17     | 1      | 111    | 5      |
| OPCMS074      | .4     | 7      | 112    | 15     | 12     | 1      | 86     | 5      |
| OPCMS075      | .1     | 4      | 151    | 7      | 12     | 1      | 153    | 5      |
| OPCMS076      | .8     | 7      | 135    | 17     | 16     | 1      | 102    | 10     |
| OPCMS077      | 1.2    | 10     | 98     | 16     | 13     | 1      | 75     | 5      |
| OPCMS078      | 1.4    | 10     | 119    | 22     | 13     | 1      | 94     | 5      |
| OPCMS079      | 1.0    | 14     | 137    | 20     | 17     | 1      | 121    | 5      |
| OPCMS080      | .2     | 15     | 207    | 15     | 18     | 1      | 145    | 5      |
| OPCMS081      | 2.5    | 29     | 77     | 34     | 10     | 1      | 67     | 5      |
| OPCMS082      | .9     | 26     | 143    | 19     | 17     | 1      | 147    | 10     |
| OPCMS083      | 1.9    | 50     | 113    | 28     | 11     | 1      | 71     | 5      |
| OPCMS084      | .4     | 39     | 183    | 17     | 15     | 1      | 97     | 5      |
| OPCMS085      | 1.5    | 9      | 151    | 19     | 14     | 1      | 63     | 5      |
| OPCMS086      | 1.5    | 15     | 139    | 20     | 18     | 1      | 74     | 5      |
| OPCMS087      | .7     | 15     | 127    | 21     | 14     | 1      | 107    | 10     |
| OPCMS088      | .9     | 17     | 96     | 46     | 17     | 1      | 70     | 5      |
| OPCMS089      | .9     | 18     | 113    | 41     | 19     | 1      | 81     | 5      |
| OPCMS090      | .1     | 6      | 136    | 7      | 11     | 1      | 105    | 5      |
| OPCMS091      | .7     | 1      | 82     | 28     | 20     | 1      | 102    | 5      |
| OPCMS092      | 1.6    | 1      | 95     | 70     | 18     | 1      | 92     | 5      |
| OPCMS094      | 2.0    | 1      | 112    | 50     | 14     | 1      | 75     | 5      |
| OPCMS095      | 2.1    | 1      | 140    | 70     | 14     | 1      | 115    | 5      |
| OPCMS096      | 2.1    | 1      | 120    | 61     | 15     | 1      | 88     | 5      |
| OPCMS097      | 2.4    | 1      | 129    | 89     | 16     | 1      | 106    | 5      |
| OPCMS098      | 2.9    | 1      | 34     | 50     | 12     | 1      | 54     | 10     |
| OPCMS099      | .8     | 1      | 192    | 14     | 14     | 1      | 135    | 5      |
| OPCMS100      | .2     | 1      | 128    | 10     | 16     | 1      | 144    | 5      |
| OPCMS101      | .4     | 1      | 168    | 10     | 15     | 1      | 142    | 5      |
| OPCMS102      | 1.4    | 1      | 75     | 19     | 13     | 1      | 87     | 5      |
| OPCMS103      | 1.9    | 1      | 88     | 22     | 11     | 1      | 72     | 5      |
| OPCMS104      | .7     | 1      | 165    | 15     | 14     | 1      | 115    | 5      |
| OPCMS105      | .6     | 1      | 124    | 10     | 16     | 1      | 120    | 5      |
| OPCMS106      | .4     | 1      | 179    | 9      | 16     | 1      | 135    | 5      |
| OPCMS107      | .9     | 1      | 148    | 16     | 15     | 1      | 97     | 10     |
| OPCMS108      | 1.2    | 1      | 134    | 24     | 15     | 1      | 90     | 5      |
| OPCMS109      | .1     | 1      | 159    | 7      | 15     | 1      | 105    | 10     |
| OPCMS110      | .1     | 4      | 31     | 2      | 13     | 1      | 23     | 5      |
| OPCMS111      | 1.4    | 1      | 142    | 22     | 15     | 1      | 61     | 5      |
| OPCMS112      | 1.0    | 1      | 115    | 12     | 15     | 1      | 65     | 5      |
| OPCMS113      | 1.8    | 1      | 70     | 17     | 15     | 1      | 35     | 5      |
| OPCMS114      | 1.2    | 1      | 132    | 14     | 11     | 1      | 62     | 5      |
| OPCMS115      | .8     | 1      | 81     | 13     | 13     | 1      | 39     | 5      |
| OPCMS116      | 1.1    | 1      | 256    | 16     | 19     | 1      | 72     | 5      |
| OPCMS117      | 1.2    | 1      | 155    | 15     | 17     | 1      | 50     | 5      |
| OPCMS118      | 1.4    | 1      | 174    | 27     | 18     | 1      | 103    | 10     |
| OPCMS119      | .6     | 1      | 119    | 11     | 15     | 1      | 67     | 5      |
| OPCMS120      | .8     | 1      | 144    | 12     | 19     | 1      | 48     | 5      |
| OPCMS121      | .9     | 1      | 119    | 11     | 17     | 1      | 58     | 5      |

COMP: MINNOVA INC.  
 PROJ: 2 CM P.O. 244  
 ATTN: I.PIRIE/T.CLARKE

**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-0612-SP5+J6  
 DATE: 90/06/12  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| OPCMS122      | .4     | 1      | 121    | 16     | 12     | 1      | 76     | 5      |
| OPCMS123      | .8     | 1      | 106    | 26     | 17     | 1      | 43     | 10     |
| OPCMS124      | .7     | 1      | 139    | 40     | 21     | 1      | 43     | 5      |
| OPCMS125      | 1.2    | 1      | 139    | 17     | 17     | 1      | 52     | 5      |
| OPCMS126      | .6     | 1      | 156    | 13     | 16     | 1      | 65     | 5      |
| OPCMS127      | .7     | 1      | 218    | 12     | 16     | 1      | 48     | 5      |
| OPCMS128      | .7     | 1      | 235    | 12     | 14     | 1      | 42     | 5      |
| OPCMS129      | .5     | 1      | 166    | 12     | 17     | 1      | 35     | 5      |
| OPCMS130      | .1     | 1      | 115    | 6      | 16     | 1      | 29     | 5      |
| OPCMS131      | .8     | 1      | 100    | 13     | 12     | 1      | 30     | 5      |
| OPCMS132      | .1     | 1      | 144    | 10     | 16     | 1      | 58     | 10     |
| OPCMS133      | 1.3    | 1      | 145    | 20     | 12     | 1      | 51     | 5      |
| OPCMS134      | .7     | 1      | 126    | 19     | 15     | 1      | 89     | 5      |
| OPCMS135      | 1.4    | 4      | 77     | 30     | 17     | 1      | 40     | 5      |
| OPCMS136      | 1.3    | 1      | 125    | 17     | 14     | 1      | 43     | 5      |
| OPCMS137      | 1.9    | 1      | 92     | 18     | 15     | 1      | 34     | 5      |
| OPCMS138      | 1.8    | 1      | 102    | 22     | 11     | 1      | 35     | 5      |
| OPCMS139      | 1.4    | 1      | 120    | 18     | 15     | 1      | 40     | 5      |
| OPCMS140      | 1.4    | 1      | 116    | 31     | 16     | 1      | 56     | 5      |
| OPCMS141      | .9     | 1      | 86     | 19     | 14     | 1      | 62     | 10     |
| OPCMS142      | .8     | 1      | 79     | 12     | 14     | 1      | 39     | 10     |
| OPCMS143      | .8     | 1      | 94     | 15     | 14     | 1      | 39     | 5      |
| OPCMS144      | 1.4    | 1      | 74     | 19     | 15     | 1      | 38     | 5      |
| OPCMS145      | 1.1    | 1      | 80     | 22     | 16     | 1      | 31     | 5      |
| OPCMS146      | 1.2    | 1      | 55     | 15     | 14     | 1      | 28     | 5      |
| OPCMS147      | 1.5    | 1      | 154    | 18     | 17     | 1      | 56     | 5      |
| OPCMS148      | 1.3    | 1      | 94     | 19     | 15     | 1      | 55     | 5      |
| OPCMS149      | 2.2    | 1      | 88     | 15     | 14     | 1      | 66     | 5      |
| OPCMS150      | 1.1    | 1      | 97     | 12     | 19     | 1      | 74     | 5      |
| OPCMS151      | .5     | 1      | 51     | 10     | 16     | 1      | 35     | 5      |
| OPCMS152      | 1.7    | 1      | 120    | 25     | 16     | 1      | 41     | 5      |
| OPCMS153      | 1.2    | 1      | 56     | 29     | 14     | 1      | 32     | 5      |
| OPCMS154      | .9     | 1      | 114    | 22     | 12     | 1      | 51     | 5      |
| OPCMS155      | .6     | 1      | 219    | 12     | 13     | 1      | 88     | 5      |
| OPCMS156      | .6     | 1      | 206    | 18     | 15     | 1      | 61     | 5      |
| OPCMS157      | 1.0    | 1      | 207    | 24     | 18     | 1      | 86     | 5      |
| OJCMS173      | 2.1    | 128    | 98     | 37     | 15     | 1      | 62     | 15     |
| OJCMS174      | 1.6    | 157    | 107    | 31     | 16     | 1      | 55     | 5      |
| OJCMS175      | 1.8    | 80     | 139    | 32     | 18     | 1      | 71     | 5      |
| OJCMS176      | 1.8    | 1      | 78     | 20     | 17     | 1      | 45     | 5      |
| OJCMS177      | 1.5    | 1      | 161    | 60     | 20     | 1      | 96     | 5      |
| OJCMS178      | 1.8    | 1      | 141    | 37     | 17     | 1      | 77     | 5      |
| OJCMS179      | 1.3    | 1      | 91     | 30     | 18     | 1      | 72     | 10     |
| OJCMS180      | 1.4    | 2      | 94     | 42     | 15     | 1      | 70     | 5      |
| OJCMS181      | 1.3    | 15     | 131    | 56     | 21     | 1      | 60     | 5      |
| OJCMS182      | .5     | 3      | 79     | 19     | 15     | 1      | 75     | 5      |
| OJCMS183      | 1.1    | 96     | 140    | 27     | 21     | 1      | 70     | 5      |
| OJCMS184      | 1.2    | 99     | 94     | 22     | 16     | 1      | 63     | 5      |
| OJCMS185      | 1.1    | 18     | 130    | 17     | 16     | 1      | 61     | 5      |
| OJCMS186      | 1.4    | 41     | 96     | 25     | 16     | 1      | 65     | 5      |
| OJCMS187      | 1.5    | 53     | 93     | 33     | 19     | 1      | 104    | 10     |
| OJCMS188      | 1.7    | 17     | 134    | 29     | 16     | 1      | 78     | 5      |
| OJCMS189      | 1.5    | 83     | 145    | 34     | 25     | 1      | 85     | 5      |
| OJCMS190      | 2.2    | 6      | 78     | 37     | 20     | 1      | 57     | 5      |
| OJCMS191      | 2.3    | 1      | 63     | 35     | 15     | 1      | 43     | 5      |
| OJCMS192      | .8     | 1      | 131    | 16     | 18     | 1      | 121    | 5      |
| OJCMS193      | .6     | 1      | 136    | 14     | 17     | 1      | 106    | 5      |
| OJCMS194      | .7     | 7      | 103    | 12     | 15     | 1      | 104    | 5      |
| OJCMS195      | .7     | 3      | 62     | 14     | 16     | 1      | 78     | 5      |
| OJCMS196      | .3     | 3      | 71     | 11     | 17     | 1      | 54     | 5      |

COMP: MINNOVA INC.  
 PROJ: 2 CM P.O. 244  
 ATTN: I.PIRIE/T.CLARKE

**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-0612-SJ7+P8  
 DATE: 90/06/12  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| OJCMS197      | 1.5    | 1      | 47     | 26     | 13     | 1      | 37     | 5      |
| OJCMS198      | 1.2    | 1      | 88     | 16     | 15     | 1      | 88     | 10     |
| OJCMS199      | 1.5    | 1      | 71     | 24     | 13     | 1      | 46     | 15     |
| OJCMS200      | .7     | 1      | 68     | 17     | 13     | 1      | 85     | 5      |
| OJCMS201      | 2.0    | 1      | 62     | 41     | 13     | 1      | 42     | 5      |
| OJCMS202      | 1.7    | 1      | 174    | 38     | 22     | 1      | 75     | 5      |
| OJCMS203      | 1.7    | 1      | 107    | 82     | 22     | 1      | 62     | 5      |
| OJCMS204      | 1.1    | 1      | 119    | 22     | 18     | 1      | 252    | 10     |
| OJCMS205      | 1.6    | 1      | 65     | 28     | 15     | 1      | 92     | 5      |
| OJCMS206      | 2.2    | 1      | 71     | 51     | 16     | 1      | 62     | 5      |
| OJCMS207      | 2.1    | 1      | 91     | 83     | 22     | 1      | 78     | 5      |
| OJCMS208      | 2.1    | 5      | 97     | 57     | 17     | 1      | 56     | 5      |
| OJCMS209      | 1.6    | 1      | 97     | 24     | 16     | 1      | 107    | 5      |
| OJCMS210      | .7     | 1      | 105    | 13     | 16     | 1      | 161    | 5      |
| OJCMS211      | .4     | 1      | 97     | 13     | 17     | 1      | 121    | 10     |
| OJCMS212      | 1.6    | 1      | 78     | 26     | 15     | 1      | 80     | 5      |
| OJCMS213      | .1     | 1      | 61     | 14     | 13     | 1      | 77     | 5      |
| OJCMS214      | .9     | 1      | 99     | 18     | 15     | 1      | 87     | 10     |
| OJCMS215      | 1.1    | 1      | 88     | 23     | 17     | 1      | 85     | 5      |
| OJCMS216      | .9     | 1      | 134    | 18     | 17     | 1      | 104    | 5      |
| OJCMS217      | 1.0    | 1      | 141    | 16     | 13     | 1      | 134    | 5      |
| OJCMS218      | .6     | 1      | 170    | 14     | 18     | 1      | 67     | 5      |
| OJCMS219      | 2.0    | 1      | 55     | 20     | 15     | 1      | 45     | 20     |
| OJCMS220      | 1.8    | 1      | 81     | 23     | 14     | 1      | 50     | 30     |
| OJCMS221      | 2.1    | 1      | 103    | 24     | 17     | 1      | 57     | 10     |
| OJCMS222      | 2.0    | 1      | 40     | 40     | 13     | 1      | 35     | 5      |
| OJCMS223      | 1.3    | 1      | 127    | 21     | 17     | 1      | 72     | 15     |
| OJCMS224      | .3     | 2      | 94     | 15     | 17     | 1      | 108    | 5      |
| OJCMS225      | 1.3    | 1      | 168    | 37     | 18     | 1      | 81     | 5      |
| OJCMS226      | .5     | 1      | 208    | 40     | 20     | 1      | 109    | 5      |
| OJCMS227      | .3     | 1      | 113    | 45     | 20     | 1      | 67     | 10     |
| OJCMS228      | .8     | 1      | 111    | 30     | 18     | 1      | 61     | 5      |
| OJCMS229      | .1     | 1      | 144    | 19     | 15     | 1      | 135    | 5      |
| OJCMS230      | .5     | 1      | 114    | 16     | 13     | 1      | 84     | 5      |
| OJCMS231      | 1.1    | 1      | 64     | 22     | 17     | 1      | 39     | 5      |
| OJCMS232      | 1.0    | 1      | 91     | 18     | 19     | 1      | 47     | 5      |
| OJCMS233      | 1.5    | 1      | 83     | 18     | 20     | 1      | 59     | 10     |
| OJCMS234      | 1.6    | 1      | 66     | 18     | 17     | 1      | 45     | 5      |
| OJCMS235      | 1.5    | 1      | 61     | 16     | 13     | 1      | 34     | 5      |
| ODCMS105      | .5     | 1      | 94     | 21     | 15     | 1      | 80     | 5      |
| ODCMS106      | .7     | 1      | 108    | 18     | 17     | 1      | 109    | 5      |
| ODCMS107      | .4     | 1      | 142    | 18     | 13     | 1      | 99     | 5      |
| ODCMS108      | .3     | 1      | 134    | 15     | 16     | 1      | 114    | 5      |
| ODCMS109      | .2     | 1      | 105    | 17     | 15     | 1      | 105    | 5      |
| ODCMS110      | .7     | 1      | 135    | 21     | 14     | 1      | 105    | 5      |
| ODCMS111      | 1.6    | 1      | 72     | 21     | 13     | 1      | 43     | 5      |
| ODCMS112      | 1.2    | 1      | 86     | 19     | 16     | 1      | 63     | 5      |
| ODCMS113      | .8     | 1      | 134    | 16     | 13     | 1      | 106    | 10     |
| ODCMS114      | .8     | 1      | 116    | 16     | 15     | 1      | 75     | 5      |
| ODCMS115      | .3     | 1      | 107    | 16     | 15     | 1      | 95     | 5      |
| ODCMS116      | .8     | 1      | 114    | 19     | 14     | 1      | 141    | 5      |
| ODCMS117      | .6     | 1      | 85     | 25     | 13     | 1      | 83     | 5      |
| ODCMS118      | .6     | 1      | 132    | 19     | 16     | 1      | 95     | 5      |
| ODCMS119      | .5     | 1      | 124    | 19     | 16     | 1      | 71     | 5      |
| ODCMS120      | 1.0    | 1      | 96     | 25     | 13     | 1      | 71     | 5      |
| ODCMS121      | 1.1    | 1      | 120    | 31     | 13     | 1      | 65     | 35     |
| ODCMS122      | .3     | 2      | 122    | 16     | 17     | 1      | 97     | 10     |
| ODCMS123      | .1     | 1      | 80     | 23     | 16     | 1      | 80     | 5      |
| ODCMS124      | .2     | 1      | 107    | 24     | 13     | 1      | 82     | 5      |
| ODCMS125      | 1.0    | 1      | 131    | 22     | 17     | 1      | 77     | 5      |



COMP: MINNOVA INC.  
 PROJ: 2 CM P.O. 244  
 ATTN: I.PIRIE/T.CLARKE

**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-0612-SJ9+10  
 DATE: 90/06/12  
 \* SOIL \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| ODCMS126      | .1     | 1      | 117    | 18     | 16     | 1      | 84     | 5      |
| ODCMS127      | .7     | 1      | 108    | 16     | 18     | 1      | 79     | 5      |
| ODCMS128      | .1     | 3      | 138    | 19     | 17     | 1      | 93     | 5      |
| ODCMS129      | .2     | 1      | 139    | 18     | 17     | 1      | 70     | 10     |
| ODCMS130      | .1     | 1      | 144    | 21     | 14     | 1      | 105    | 5      |
| ODCMS131      | 1.2    | 1      | 70     | 30     | 11     | 1      | 65     | 5      |
| ODCMS132      | .9     | 1      | 116    | 19     | 14     | 1      | 84     | 5      |
| ODCMS133      | 1.5    | 1      | 79     | 27     | 11     | 1      | 78     | 5      |
| ODCMS134      | .9     | 1      | 67     | 34     | 14     | 1      | 56     | 5      |
| ODCMS135      | 1.1    | 4      | 134    | 30     | 17     | 1      | 70     | 5      |
| ODCMS136      | .5     | 2      | 71     | 18     | 18     | 1      | 41     | 5      |
| ODCMS137      | 1.0    | 1      | 148    | 19     | 18     | 1      | 45     | 5      |
| ODCMS138      | 1.0    | 1      | 77     | 27     | 18     | 1      | 38     | 10     |
| ODCMS139      | 1.3    | 1      | 79     | 25     | 16     | 1      | 44     | 5      |
| ODCMS140      | 1.8    | 7      | 79     | 129    | 17     | 1      | 86     | 5      |
| ODCMS141      | 1.9    | 1      | 59     | 78     | 13     | 1      | 69     | 5      |
| ODCMS142      | 1.8    | 1      | 74     | 92     | 15     | 1      | 70     | 5      |
| ODCMS143      | 1.6    | 4      | 119    | 87     | 14     | 1      | 84     | 5      |
| ODCMS144      | 2.0    | 1      | 98     | 111    | 19     | 1      | 70     | 5      |
| ODCMS145      | 1.7    | 1      | 117    | 61     | 15     | 1      | 63     | 5      |
| ODCMS146      | 1.7    | 1      | 133    | 47     | 15     | 1      | 93     | 5      |
| ODCMS147      | .1     | 1      | 94     | 16     | 18     | 1      | 111    | 5      |
| ODCMS148      | 1.1    | 9      | 107    | 33     | 18     | 1      | 129    | 5      |
| ODCMS149      | 1.3    | 1      | 121    | 22     | 18     | 1      | 112    | 10     |
| ODCMS150      | 1.0    | 1      | 162    | 24     | 17     | 1      | 104    | 5      |
| ODCMS151      | 1.0    | 2      | 143    | 31     | 14     | 1      | 111    | 5      |
| ODCMS152      | 2.4    | 1      | 48     | 43     | 12     | 1      | 48     | 35     |
| ODCMS153      | 2.1    | 1      | 44     | 61     | 11     | 1      | 45     | 5      |
| ODCMS154      | 1.0    | 1      | 133    | 25     | 17     | 1      | 85     | 10     |
| ODCMS155      | .8     | 1      | 111    | 26     | 19     | 1      | 88     | 10     |
| ODCMS156      | 1.0    | 1      | 76     | 62     | 12     | 1      | 80     | 5      |
| ODCMS157      | .5     | 1      | 110    | 28     | 18     | 1      | 88     | 5      |
| ODCMS158      | 1.3    | 1      | 44     | 34     | 13     | 1      | 80     | 5      |
| ODCMS159      | .8     | 1      | 72     | 28     | 17     | 1      | 57     | 5      |
| ODCMS160      | 2.1    | 11     | 88     | 145    | 14     | 1      | 63     | 5      |
| ODCMS161      | .1     | 3      | 81     | 19     | 14     | 1      | 46     | 5      |
| ODCMS162      | .1     | 1      | 81     | 14     | 15     | 1      | 73     | 5      |
| ODCMS163      | 1.2    | 11     | 69     | 62     | 17     | 1      | 65     | 5      |
| ODCMS164      | .1     | 21     | 79     | 44     | 20     | 1      | 48     | 10     |
| ODCMS165      | 2.0    | 1      | 59     | 57     | 11     | 1      | 63     | 5      |
| ODCMS166      | 2.1    | 10     | 64     | 61     | 16     | 1      | 60     | 5      |
| ODCMS167      | 1.3    | 1      | 82     | 76     | 15     | 1      | 59     | 5      |
| ODCMS168      | 1.9    | 1      | 81     | 58     | 17     | 1      | 87     | 5      |
| ODCMS169      | 1.9    | 1      | 89     | 51     | 14     | 1      | 78     | 10     |
| ODCMS170      | 1.5    | 1      | 78     | 20     | 18     | 1      | 123    | 10     |
| ODCMS171      | .6     | 1      | 106    | 15     | 20     | 1      | 125    | 5      |
| ODCMS172      | 1.3    | 1      | 79     | 20     | 11     | 1      | 112    | 5      |
| ODCMS173      | .7     | 1      | 121    | 17     | 14     | 1      | 132    | 5      |
| ODCMS174      | .2     | 1      | 103    | 14     | 13     | 1      | 90     | 5      |
| ODCMS175      | 1.0    | 1      | 67     | 17     | 13     | 1      | 90     | 5      |
| ODCMS176      | .1     | 1      | 81     | 10     | 14     | 1      | 67     | 10     |
| ODCMS177      | .1     | 1      | 102    | 15     | 11     | 1      | 108    | 5      |
| ODCMS178      | .8     | 1      | 140    | 19     | 15     | 1      | 98     | 5      |
| ODCMS179      | 1.1    | 1      | 116    | 21     | 14     | 1      | 106    | 5      |
| ODCMS180      | 1.8    | 1      | 57     | 32     | 11     | 1      | 64     | 5      |
| ODCMS181      | .8     | 1      | 99     | 20     | 14     | 1      | 78     | 10     |
| ODCMS182      | 1.5    | 1      | 102    | 27     | 13     | 1      | 85     | 5      |
| ODCMS183      | .4     | 1      | 64     | 18     | 14     | 1      | 66     | 5      |



**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  
JUN 12 1990  
Ans'd ..... 1. MINNOVA INC., VANCOUVER, B.C.  
2. MINNOVA INC., BARRIERE, B.C.

Assay Certificate

OV-0597-RA1

Company: MINNOVA INC.  
Project: C.M. 244  
Attn: I. PIRIE/T. CLARKE

Date: JUN-08-90

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

We hereby certify the following Assay of 25 ROCK samples submitted JUN-01-90 by L. PRENTICE.

| Sample Number | LOI % |
|---------------|-------|
| DTCML021      | 3.10  |
| DTCML022      | 3.30  |
| DTCML023      | 2.50  |
| DTCML024      | 3.40  |
| DTCML025      | 2.00  |
| DTCML026      | 2.70  |
| DTCML027      | 3.50  |
| DTCML028      | 2.70  |
| DTCML029      | 3.20  |
| DTCML030      | 3.50  |
| DTCML031      | 4.70  |
| DTCML032      | 2.60  |
| DTCML033      | 3.10  |
| DTCML034      | 4.00  |
| DTCML035      | 4.00  |
| DTCML036      | 3.85  |
| DTCML037      | 3.90  |
| DTCML039      | 4.00  |
| DTCML040      | 2.65  |
| DTCML041      | 3.00  |
| DTCML042      | 2.70  |
| DTCML043      | 2.80  |
| DTCML044      | 3.10  |
| DTCML045      | 2.70  |
| DTCML046      | 2.85  |

Certified by *I. Pirie*

MIN-EN LABORATORIES





COMP: MINNOVA INC.  
 PROJ: CHINOOK MOUNTAIN 244  
 ATTN: I.PIRIE/T.CLARK

**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-0595-SJ1+2  
 DATE: 90/06/07  
 \* SOILS \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| ODCMS001      | .5     | 1      | 78     | 16     | 11     | 1      | 83     | 5      |
| ODCMS002      | .5     | 1      | 126    | 13     | 9      | 1      | 145    | 5      |
| ODCMS003      | 2.4    | 3      | 65     | 49     | 13     | 1      | 62     | 5      |
| ODCMS004      | .9     | 1      | 108    | 14     | 12     | 1      | 115    | 5      |
| ODCMS005      | 2.4    | 1      | 72     | 22     | 16     | 1      | 82     | 10     |
| ODCMS006      | 1.6    | 1      | 73     | 19     | 12     | 1      | 70     | 5      |
| ODCMS007      | 2.0    | 1      | 93     | 22     | 10     | 1      | 118    | 20     |
| ODCMS008      | .7     | 2      | 96     | 14     | 14     | 1      | 99     | 5      |
| ODCMS009      | 1.1    | 1      | 97     | 17     | 12     | 1      | 112    | 5      |
| ODCMS010      | 1.0    | 1      | 134    | 17     | 14     | 1      | 138    | 5      |
| ODCMS011      | 1.4    | 2      | 118    | 20     | 14     | 1      | 127    | 5      |
| ODCMS012      | 1.2    | 1      | 112    | 18     | 13     | 1      | 106    | 5      |
| ODCMS013      | 1.2    | 1      | 114    | 24     | 13     | 1      | 102    | 5      |
| ODCMS014      | 1.0    | 2      | 91     | 25     | 17     | 1      | 98     | 5      |
| ODCMS015      | 1.0    | 2      | 103    | 15     | 12     | 1      | 105    | 5      |
| ODCMS016      | .9     | 1      | 133    | 17     | 15     | 1      | 114    | 5      |
| ODCMS017      | 2.2    | 2      | 44     | 29     | 11     | 1      | 53     | 10     |
| ODCMS018      | 1.3    | 3      | 134    | 15     | 13     | 1      | 64     | 5      |
| ODCMS019      | 1.9    | 1      | 83     | 15     | 13     | 1      | 46     | 5      |
| ODCMS020      | .9     | 7      | 88     | 19     | 13     | 1      | 20     | 5      |
| ODCMS021      | 1.9    | 1      | 56     | 15     | 10     | 1      | 44     | 5      |
| ODCMS022      | .8     | 1      | 56     | 14     | 14     | 1      | 35     | 5      |
| ODCMS023      | 1.8    | 1      | 46     | 12     | 9      | 1      | 28     | 5      |
| ODCMS024      | .7     | 1      | 55     | 11     | 9      | 1      | 34     | 5      |
| ODCMS025      | 2.3    | 3      | 71     | 56     | 14     | 1      | 49     | 5      |
| ODCMS026      | 1.9    | 2      | 69     | 26     | 16     | 1      | 45     | 5      |
| ODCMS027      | 2.4    | 9      | 87     | 27     | 18     | 1      | 48     | 5      |
| ODCMS028      | 2.1    | 10     | 129    | 43     | 24     | 1      | 68     | 5      |
| ODCMS029      | 2.1    | 1      | 117    | 29     | 15     | 1      | 47     | 5      |
| ODCMS030      | 1.9    | 6      | 89     | 26     | 14     | 1      | 52     | 5      |
| ODCMS031      | 1.4    | 1      | 69     | 29     | 10     | 1      | 59     | 5      |
| ODCMS032      | 1.6    | 9      | 61     | 50     | 14     | 1      | 44     | 5      |
| ODCMS033      | 1.5    | 3      | 118    | 41     | 14     | 1      | 86     | 5      |
| ODCMS034      | 1.2    | 1      | 83     | 17     | 11     | 1      | 119    | 5      |
| ODCMS035      | .6     | 1      | 96     | 12     | 12     | 1      | 84     | 5      |
| ODCMS036      | 1.2    | 10     | 121    | 12     | 14     | 1      | 72     | 10     |
| ODCMS037      | .7     | 9      | 108    | 11     | 14     | 1      | 85     | 5      |
| ODCMS038      | 1.5    | 1      | 86     | 40     | 14     | 1      | 67     | 5      |
| ODCMS039      | .5     | 5      | 88     | 36     | 13     | 1      | 96     | 5      |
| ODCMS040      | .5     | 15     | 62     | 40     | 16     | 1      | 74     | 5      |
| ODCMS041      | .6     | 1      | 109    | 12     | 11     | 1      | 65     | 5      |
| ODCMS042      | 1.3    | 2      | 85     | 16     | 11     | 1      | 44     | 5      |
| ODCMS043      | 1.6    | 1      | 93     | 17     | 13     | 1      | 49     | 5      |
| ODCMS044      | 2.0    | 2      | 62     | 21     | 13     | 1      | 44     | 5      |
| ODCMS045      | .9     | 4      | 78     | 19     | 17     | 1      | 115    | 5      |
| ODCMS046      | 1.3    | 11     | 78     | 26     | 14     | 1      | 57     | 5      |
| ODCMS047      | 1.2    | 4      | 103    | 34     | 19     | 1      | 58     | 5      |
| ODCMS048      | 1.3    | 2      | 159    | 18     | 12     | 1      | 50     | 5      |
| ODCMS049      | 1.6    | 1      | 52     | 17     | 11     | 1      | 59     | 5      |
| ODCMS050      | 1.3    | 1      | 71     | 14     | 14     | 1      | 57     | 5      |
| ODCMS051      | 1.2    | 5      | 81     | 15     | 9      | 1      | 106    | 5      |
| ODCMS052      | 1.3    | 17     | 101    | 30     | 13     | 2      | 52     | 5      |
| ODCMS053      | 2.3    | 11     | 59     | 27     | 13     | 1      | 36     | 5      |
| ODCMS054      | 2.3    | 14     | 49     | 39     | 13     | 1      | 42     | 10     |
| ODCMS055      | 2.1    | 9      | 75     | 40     | 13     | 1      | 43     | 5      |
| ODCMS056      | 1.7    | 1      | 83     | 17     | 12     | 1      | 55     | 5      |
| ODCMS057      | 1.9    | 1      | 43     | 27     | 6      | 1      | 35     | 5      |
| ODCMS058      | 1.1    | 1      | 106    | 19     | 8      | 1      | 50     | 5      |
| ODCMS059      | 1.7    | 8      | 74     | 26     | 11     | 1      | 46     | 5      |
| ODCMS060      | 1.6    | 8      | 27     | 35     | 12     | 1      | 29     | 5      |

JUN 1990

COMP: MINNOVA INC.  
 PROJ: CHINOOK MOUNTAIN 244  
 ATTN: I.PIRIE/T.CLARK

**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-0595-SJ3+4  
 DATE: 90/06/07  
 \* SOILS \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| ODCMS061      | 1.4    | 3      | 56     | 66     | 15     | 1      | 38     | 5      |
| ODCMS062      | 2.0    | 1      | 36     | 27     | 9      | 1      | 37     | 5      |
| ODCMS063      | 1.0    | 1      | 142    | 17     | 14     | 1      | 69     | 5      |
| ODCMS064      | 1.5    | 5      | 134    | 31     | 15     | 2      | 58     | 5      |
| ODCMS065      | 1.2    | 1      | 78     | 31     | 14     | 1      | 61     | 5      |
| ODCMS066      | 1.0    | 3      | 96     | 35     | 18     | 1      | 58     | 5      |
| ODCMS067      | .6     | 4      | 99     | 21     | 18     | 1      | 54     | 5      |
| ODCMS068      | .5     | 21     | 90     | 50     | 21     | 1      | 61     | 5      |
| ODCMS069      | 1.5    | 3      | 108    | 18     | 14     | 1      | 59     | 5      |
| ODCMS070      | 2.7    | 10     | 78     | 60     | 29     | 2      | 59     | 5      |
| ODCMS071      | 1.6    | 12     | 70     | 29     | 17     | 1      | 47     | 5      |
| ODCMS072      | 1.5    | 249    | 105    | 32     | 17     | 8      | 61     | 10     |
| ODCMS073      | 1.2    | 717    | 93     | 33     | 14     | 26     | 56     | 5      |
| ODCMS074      | 2.2    | 1      | 81     | 22     | 13     | 1      | 57     | 5      |
| ODCMS075      | 1.2    | 1      | 114    | 18     | 14     | 1      | 92     | 5      |
| ODCMS076      | 1.1    | 1      | 140    | 13     | 17     | 1      | 84     | 5      |
| ODCMS077      | 1.2    | 1      | 122    | 14     | 12     | 1      | 85     | 5      |
| ODCMS078      | .6     | 1      | 96     | 14     | 9      | 1      | 92     | 5      |
| ODCMS079      | 1.9    | 1      | 49     | 30     | 11     | 1      | 50     | 5      |
| ODCMS080      | .7     | 1      | 138    | 12     | 16     | 1      | 112    | 5      |
| ODCMS081      | 1.3    | 9      | 135    | 15     | 17     | 1      | 75     | 5      |
| ODCMS082      | 1.6    | 5      | 71     | 17     | 13     | 1      | 49     | 5      |
| ODCMS083      | 1.4    | 5      | 67     | 15     | 16     | 1      | 59     | 5      |
| ODCMS084      | 1.2    | 4      | 71     | 12     | 15     | 1      | 49     | 10     |
| ODCMS085      | 1.0    | 3      | 100    | 8      | 15     | 1      | 76     | 5      |
| ODCMS086      | .8     | 5      | 118    | 10     | 14     | 1      | 92     | 5      |
| ODCMS087      | .9     | 579    | 87     | 11     | 432    | 1594   | 82     | 5      |
| ODCMS088      | 1.0    | 19     | 90     | 12     | 14     | 7      | 86     | 10     |
| ODCMS089      | 1.0    | 3      | 75     | 18     | 13     | 1      | 98     | 5      |
| ODCMS090      | 1.1    | 5      | 82     | 17     | 14     | 1      | 66     | 5      |
| ODCMS091      | .5     | 15     | 62     | 7      | 11     | 1      | 27     | 10     |
| ODCMS092      | 1.0    | 1      | 101    | 16     | 14     | 1      | 83     | 10     |
| ODCMS093      | 1.2    | 2      | 80     | 14     | 15     | 1      | 52     | 5      |
| ODCMS094      | 1.3    | 1      | 86     | 19     | 11     | 1      | 54     | 5      |
| ODCMS095      | 1.6    | 3      | 54     | 22     | 6      | 1      | 50     | 5      |
| ODCMS096      | 1.8    | 1      | 118    | 23     | 11     | 1      | 61     | 10     |
| ODCMS097      | 1.8    | 6      | 39     | 31     | 13     | 1      | 35     | 5      |
| ODCMS098      | 1.7    | 1      | 69     | 28     | 11     | 1      | 40     | 15     |
| ODCMS099      | 2.2    | 1      | 45     | 38     | 12     | 1      | 32     | 10     |
| ODCMS100      | 1.0    | 8      | 73     | 51     | 15     | 1      | 27     | 5      |
| ODCMS101      | 1.8    | 1      | 97     | 35     | 13     | 1      | 37     | 5      |
| ODCMS102      | 1.7    | 1      | 157    | 75     | 16     | 2      | 69     | 5      |
| ODCMS103      | 1.5    | 5      | 81     | 22     | 14     | 1      | 60     | 5      |
| ODCMS104      | 1.1    | 141    | 84     | 34     | 18     | 17     | 65     | 5      |
| OJCMS001      | 1.1    | 1      | 83     | 11     | 8      | 1      | 71     | 5      |
| OJCMS002      | .5     | 1      | 72     | 9      | 8      | 1      | 122    | 10     |
| OJCMS003      | .2     | 1      | 122    | 9      | 9      | 1      | 150    | 5      |
| OJCMS004      | .3     | 1      | 154    | 8      | 7      | 1      | 151    | 15     |
| OJCMS005      | .9     | 1      | 96     | 10     | 10     | 1      | 123    | 5      |
| OJCMS006      | .8     | 8      | 157    | 16     | 12     | 1      | 98     | 5      |
| OJCMS007      | .6     | 1      | 95     | 11     | 9      | 1      | 97     | 5      |
| OJCMS008      | .5     | 1      | 98     | 11     | 12     | 1      | 106    | 5      |
| OJCMS009      | .3     | 1      | 116    | 5      | 7      | 1      | 102    | 5      |
| OJCMS010      | .5     | 1      | 50     | 18     | 9      | 1      | 62     | 5      |
| OJCMS011      | 1.6    | 1      | 42     | 17     | 8      | 1      | 39     | 5      |
| OJCMS012      | 1.3    | 1      | 43     | 12     | 11     | 1      | 31     | 5      |
| OJCMS013      | 1.3    | 1      | 40     | 13     | 10     | 1      | 43     | 5      |
| OJCMS014      | 2.0    | 16     | 45     | 29     | 11     | 1      | 40     | 5      |
| OJCMS015      | 1.3    | 10     | 86     | 17     | 15     | 1      | 54     | 5      |
| OJCMS016      | 1.3    | 2      | 81     | 19     | 16     | 1      | 72     | 5      |

COMP: MINNOVA INC.  
 PROJ: CHINOOK MOUNTAIN 244  
 ATTN: I.PIRIE/T.CLARK

**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-0595-SJ5+6  
 DATE: 90/06/07  
 \* SOILS \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| OJCMS017      | .5     | 1      | 93     | 21     | 14     | 1      | 23     | 5      |
| OJCMS018      | .6     | 1      | 36     | 9      | 10     | 1      | 36     | 5      |
| OJCMS019      | .8     | 1      | 51     | 7      | 9      | 1      | 28     | 5      |
| OJCMS020      | .6     | 1      | 58     | 10     | 8      | 1      | 42     | 5      |
| OJCMS021      | .9     | 1      | 34     | 23     | 12     | 1      | 32     | 5      |
| OJCMS022      | 1.0    | 2      | 96     | 13     | 15     | 1      | 73     | 5      |
| OJCMS023      | 3.1    | 3      | 63     | 34     | 90     | 1      | 36     | 5      |
| OJCMS024      | 1.2    | 3      | 115    | 12     | 13     | 1      | 82     | 5      |
| OJCMS025      | 1.6    | 1      | 75     | 15     | 10     | 1      | 57     | 5      |
| OJCMS026      | 1.7    | 1      | 103    | 16     | 11     | 1      | 79     | 5      |
| OJCMS027      | 1.3    | 1      | 91     | 19     | 12     | 1      | 55     | 10     |
| OJCMS028      | 1.3    | 1      | 67     | 13     | 9      | 1      | 43     | 5      |
| OJCMS029      | 1.1    | 1      | 57     | 16     | 8      | 1      | 42     | 5      |
| OJCMS030      | .7     | 1      | 69     | 8      | 7      | 1      | 58     | 5      |
| OJCMS031      | .9     | 1      | 77     | 12     | 13     | 1      | 56     | 10     |
| OJCMS032      | 1.1    | 3      | 96     | 12     | 11     | 1      | 67     | 5      |
| OJCMS033      | 1.9    | 3      | 68     | 19     | 11     | 1      | 48     | 5      |
| OJCMS034      | 1.3    | 20     | 143    | 31     | 15     | 1      | 97     | 5      |
| OJCMS035      | 1.3    | 84     | 188    | 22     | 18     | 1      | 89     | 5      |
| OJCMS036      | 1.3    | 1      | 139    | 30     | 20     | 1      | 80     | 10     |
| OJCMS037      | 1.0    | 3      | 112    | 35     | 15     | 1      | 86     | 5      |
| OJCMS038      | 1.1    | 10     | 122    | 20     | 11     | 1      | 100    | 5      |
| OJCMS039      | 1.0    | 9      | 109    | 29     | 13     | 1      | 91     | 5      |
| OJCMS040      | 1.4    | 7      | 152    | 14     | 12     | 1      | 70     | 5      |
| OJCMS041      | .8     | 1      | 125    | 10     | 9      | 1      | 70     | 5      |
| OJCMS042      | 1.4    | 1      | 128    | 22     | 11     | 1      | 57     | 10     |
| OJCMS043      | 1.5    | 8      | 127    | 26     | 15     | 1      | 65     | 5      |
| OJCMS044      | 1.9    | 10     | 84     | 25     | 14     | 2      | 69     | 5      |
| OJCMS045      | .7     | 5      | 118    | 10     | 12     | 1      | 80     | 5      |
| OJCMS046      | 1.9    | 17     | 78     | 37     | 12     | 1      | 48     | 5      |
| OJCMS047      | 1.2    | 5      | 170    | 33     | 28     | 4      | 66     | 5      |
| OJCMS048      | .7     | 1      | 134    | 29     | 12     | 1      | 79     | 5      |
| OJCMS049      | 2.5    | 7      | 51     | 70     | 10     | 1      | 50     | 10     |
| OJCMS050      | 1.7    | 1      | 47     | 21     | 7      | 1      | 39     | 5      |
| OJCMS051      | 1.1    | 1      | 70     | 17     | 11     | 1      | 59     | 5      |
| OJCMS052      | 1.1    | 1      | 67     | 20     | 9      | 1      | 64     | 5      |
| OJCMS053      | .5     | 1      | 109    | 11     | 11     | 1      | 100    | 5      |
| OJCMS054      | .7     | 1      | 59     | 14     | 10     | 1      | 81     | 5      |
| OJCMS055      | .6     | 4      | 143    | 10     | 9      | 1      | 146    | 10     |
| OJCMS056      | 2.2    | 7      | 105    | 40     | 15     | 2      | 50     | 10     |
| OJCMS057      | .9     | 2      | 55     | 9      | 11     | 1      | 32     | 5      |
| OJCMS058      | .9     | 7      | 103    | 19     | 14     | 1      | 67     | 5      |
| OJCMS059      | .3     | 1      | 57     | 7      | 10     | 1      | 47     | 5      |
| OJCMS060      | .5     | 1      | 41     | 9      | 13     | 1      | 40     | 5      |
| OJCMS061      | .4     | 2      | 87     | 10     | 10     | 1      | 31     | 10     |
| OJCMS062      | 1.0    | 2      | 48     | 40     | 6      | 1      | 33     | 5      |
| OJCMS063      | 1.2    | 6      | 85     | 15     | 13     | 1      | 74     | 5      |
| OJCMS064      | 1.6    | 13     | 84     | 37     | 18     | 1      | 51     | 5      |
| OJCMS065      | 1.5    | 11     | 63     | 28     | 13     | 1      | 51     | 5      |
| OJCMS066      | 1.3    | 1      | 80     | 9      | 10     | 1      | 60     | 5      |
| OJCMS067      | .5     | 1      | 97     | 10     | 11     | 1      | 62     | 10     |
| OJCMS068      | 1.0    | 1      | 64     | 17     | 12     | 1      | 41     | 5      |
| OJCMS069      | 1.7    | 1      | 37     | 13     | 10     | 1      | 29     | 5      |
| OJCMS070      | 1.0    | 1      | 113    | 9      | 9      | 1      | 58     | 10     |
| OJCMS071      | 1.2    | 1      | 61     | 9      | 8      | 1      | 40     | 5      |
| OJCMS072      | 1.5    | 1      | 106    | 14     | 11     | 1      | 92     | 5      |
| OJCMS073      | 1.7    | 1      | 63     | 13     | 11     | 1      | 48     | 5      |
| OJCMS074      | 1.8    | 4      | 54     | 34     | 13     | 1      | 35     | 5      |
| OJCMS075      | 2.4    | 2      | 38     | 32     | 8      | 1      | 31     | 5      |
| OJCMS076      | 1.8    | 3      | 65     | 17     | 13     | 1      | 52     | 5      |

COMP: MINNOVA INC.  
 PROJ: CHINOOK MOUNTAIN 244  
 ATTN: I.PIRIE/T.CLARK

**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-0595-SJ7+8  
 DATE: 90/06/07  
 \* SOILS \* (ACT:F31)

| SAMPLE NUMBER | AG PPM | AS PPM | BA PPM | CU PPM | PB PPM | SB PPM | ZN PPM | AU PPB |
|---------------|--------|--------|--------|--------|--------|--------|--------|--------|
| OJCMS077      | .7     | 1      | 70     | 12     | 9      | 1      | 56     | 5      |
| OJCMS078      | .4     | 1      | 108    | 14     | 12     | 1      | 88     | 5      |
| OJCMS079      | 1.0    | 17     | 110    | 61     | 13     | 1      | 90     | 10     |
| OJCMS080      | 1.1    | 1      | 106    | 42     | 13     | 1      | 59     | 5      |
| OJCMS081      | 1.0    | 2      | 118    | 21     | 14     | 1      | 80     | 5      |
| OJCMS082      | .8     | 1      | 119    | 27     | 12     | 1      | 71     | 5      |
| OJCMS083      | .9     | 1      | 172    | 33     | 27     | 1      | 92     | 10     |
| OJCMS084      | 1.1    | 1      | 142    | 30     | 16     | 1      | 74     | 5      |
| OJCMS085      | .9     | 1      | 147    | 23     | 15     | 1      | 80     | 5      |
| OJCMS086      | 1.2    | 1      | 123    | 26     | 14     | 2      | 85     | 5      |
| OJCMS087      | 1.4    | 2      | 122    | 34     | 16     | 1      | 78     | 5      |
| OJCMS088      | 1.6    | 2      | 181    | 31     | 17     | 1      | 68     | 5      |
| OJCMS089      | 1.2    | 1      | 154    | 35     | 17     | 2      | 82     | 5      |
| OJCMS090      | 1.7    | 1      | 60     | 23     | 10     | 1      | 52     | 5      |
| OJCMS091      | .9     | 4      | 57     | 22     | 13     | 1      | 49     | 5      |
| OJCMS092      | .6     | 7      | 65     | 15     | 9      | 1      | 45     | 5      |
| OJCMS093      | .4     | 1      | 64     | 16     | 12     | 1      | 48     | 5      |
| OJCMS094      | .9     | 1      | 103    | 13     | 12     | 1      | 64     | 5      |
| OJCMS095      | 1.0    | 1      | 63     | 15     | 15     | 1      | 58     | 5      |
| OJCMS096      | .1     | 1      | 120    | 3      | 4      | 1      | 91     | 5      |
| OJCMS097      | .9     | 3      | 109    | 11     | 13     | 1      | 53     | 5      |
| OJCMS098      | 1.9    | 1      | 52     | 17     | 9      | 1      | 34     | 5      |
| OJCMS099      | 1.6    | 11     | 100    | 41     | 15     | 1      | 53     | 10     |
| OJCMS100      | 1.2    | 1      | 73     | 11     | 10     | 1      | 53     | 5      |
| OJCMS101      | 1.6    | 8      | 98     | 33     | 15     | 1      | 43     | 5      |
| OJCMS102      | .8     | 1      | 85     | 10     | 13     | 1      | 86     | 5      |
| OJCMS103      | .9     | 1      | 65     | 15     | 12     | 1      | 99     | 5      |
| OJCMS104      | 1.7    | 10     | 64     | 38     | 14     | 1      | 50     | 5      |
| OJCMS105      | 1.5    | 24     | 37     | 81     | 13     | 2      | 43     | 5      |
| OJCMS106      | .7     | 1      | 78     | 11     | 10     | 1      | 50     | 5      |
| OJCMS107      | 1.3    | 1      | 70     | 16     | 12     | 1      | 59     | 5      |
| OJCMS108      | 1.1    | 1      | 76     | 13     | 12     | 1      | 48     | 5      |
| OJCMS109      | 1.5    | 1      | 37     | 21     | 8      | 1      | 39     | 5      |
| OJCMS110      | .5     | 1      | 97     | 13     | 11     | 1      | 73     | 5      |
| OJCMS111      | 2.0    | 1      | 118    | 28     | 13     | 1      | 51     | 5      |
| OJCMS112      | 1.4    | 1      | 98     | 14     | 12     | 1      | 50     | 5      |
| OJCMS113      | 1.8    | 1      | 51     | 14     | 7      | 1      | 37     | 5      |
| OJCMS114      | 1.7    | 1      | 54     | 11     | 9      | 1      | 29     | 5      |
| OJCMS115      | 2.1    | 1      | 46     | 22     | 8      | 1      | 35     | 5      |
| OJCMS116      | 1.6    | 9      | 67     | 22     | 12     | 1      | 51     | 5      |
| OJCMS117      | .6     | 1      | 85     | 11     | 10     | 1      | 61     | 5      |
| OJCMS118      | .8     | 1      | 40     | 36     | 10     | 1      | 26     | 5      |
| OJCMS119      | 1.8    | 1      | 67     | 33     | 13     | 1      | 40     | 5      |
| OJCMS120      | .9     | 1      | 156    | 18     | 18     | 1      | 86     | 5      |
| OJCMS121      | .4     | 1      | 104    | 22     | 16     | 1      | 106    | 5      |
| OJCMS122      | 1.1    | 10     | 138    | 69     | 20     | 2      | 92     | 5      |
| OJCMS123      | 1.9    | 11     | 124    | 31     | 14     | 1      | 95     | 5      |
| OJCMS124      | 1.6    | 12     | 114    | 23     | 19     | 1      | 102    | 5      |
| OJCMS125      | 1.3    | 5      | 121    | 19     | 14     | 1      | 197    | 5      |
| OJCMS126      | 1.4    | 1      | 188    | 19     | 13     | 1      | 256    | 5      |
| OJCMS127      | 1.1    | 7      | 134    | 18     | 16     | 1      | 177    | 5      |
| OJCMS128      | 1.2    | 5      | 138    | 28     | 20     | 1      | 114    | 5      |
| OJCMS129      | .8     | 1      | 149    | 18     | 13     | 1      | 119    | 5      |
| OJCMS130      | .6     | 1      | 118    | 15     | 14     | 1      | 97     | 5      |
| OJCMS131      | 1.2    | 7      | 143    | 20     | 16     | 1      | 105    | 5      |
| OJCMS132      | .8     | 3      | 129    | 15     | 12     | 1      | 138    | 5      |
| OJCMS133      | 1.2    | 3      | 132    | 15     | 12     | 1      | 99     | 5      |
| OJCMS134      | 1.2    | 4      | 112    | 13     | 11     | 1      | 109    | 5      |
| OJCMS135      | 1.4    | 7      | 119    | 15     | 13     | 1      | 124    | 5      |
| OJCMS136      | 1.1    | 6      | 76     | 18     | 11     | 1      | 92     | 5      |











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

Assay Certificate

OV-0559-RA1

Company: MINNOVA INC.  
Project: C.M. 244  
Attn: I. PIRIE/T. CLARK

Date: JUN-05-90

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

*We hereby certify* the following Assay of 10 ROCK samples  
submitted MAY-26-90 by DUNCAN JOHANNESSEN.

| Sample Number | LOI % |
|---------------|-------|
| OTCML011      | 2.55  |
| OTCML012      | 3.00  |
| OTCML013      | 2.95  |
| OTCML014      | 3.30  |
| OTCML015      | 3.30  |
| OTCML016      | 2.30  |
| OTCML017      | 2.20  |
| OTCML018      | 2.30  |
| OTCML019      | 2.40  |
| OTCML020      | 2.60  |

Certified by \_\_\_\_\_

MIN-EN LABORAT



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

*Assay Certificate*

Ans'd .....

OV-0568-RA1

Company: MINNOVA INC.  
Project: CM 244  
Attn: I. PIRIE/T. CLARKE

Date: JUN-01-90  
Copy 1. MINNOVA INC., VANCOUVER, B.C.  
2. MINNOVA INC., BARRIERE, B.C.

**We hereby certify the following Assay of 10 ROCK samples submitted MAY-28-90 by LAURA PRENTICE.**

| Sample Number | LOI % |
|---------------|-------|
| OTCML001      | 3.00  |
| OTCML002      | 2.50  |
| OTCML003      | 2.85  |
| OTCML004      | 3.05  |
| OTCML005      | 2.35  |
| OTCML006      | 2.80  |
| OTCML007      | 2.30  |
| OTCML008      | 3.80  |
| OTCML009      | 2.85  |
| OTCML010      | 2.70  |

Certified by

MIN-EN LABORATORIES



