

Heavy Mineral  
Sampling  
825078  
Rainbow

**ACTLABS**

# ACTIVATION LABORATORIES LTD

Invoice No.: 1897  
Work Order: 1893  
Invoice Date: 26-JUL-90  
Date Submitted: 16-JUL-90  
Your Reference: 643  
Account Number: M-1

MINNOVA INC.  
311 WATER ST.  
VANCOUVER, B.C.  
CANADA  
V6B 1B8  
ATTN: I. PIRIE / *ROD YOUNG.*

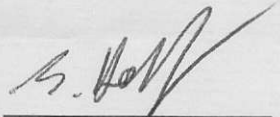
### CERTIFICATE OF ANALYSIS

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INAA package, elements and detection limits:

|    |     |     |    |      |     |    |      |     |    |      |     |
|----|-----|-----|----|------|-----|----|------|-----|----|------|-----|
| AU | 5.  | PPB | AG | 5.   | PPM | AS | 2.   | PPM | BA | 200. | PPM |
| BR | 5.  | PPM | CA | 1.   | %   | CO | 5.   | PPM | CR | 10.  | PPM |
| CS | 2.  | PPM | FE | 0.02 | %   | HF | 1.   | PPM | HG | 5.   | PPM |
| IR | 40. | PPB | MO | 20.  | PPM | NA | 500. | PPM | NI | 200. | PPM |
| RB | 50. | PPM | SB | 0.2  | PPM | SC | 0.1  | PPM | SE | 20.  | PPM |
| SR | 0.2 | %   | TA | 1.   | PPM | TH | 0.5  | PPM | U  | 0.5  | PPM |
| W  | 4.  | PPM | ZN | 200. | PPM | LA | 1.   | PPM | CE | 3.   | PPM |
| ND | 10. | PPM | SM | 0.1  | PPM | EU | 0.2  | PPM | TB | 2.   | PPM |
| YB | 0.2 | PPM | LU | 0.1  | PPM |    |      |     |    |      |     |

CERTIFIED BY :



DR. ERIC L. HOFFMAN

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| Sample description | AU<br>PPB | AG<br>PPM | AS<br>PPM | BA<br>PPM | BR<br>PPM | CA<br>% | CO<br>PPM | CR<br>PPM | CS<br>PPM | FE<br>% | HF<br>PPM | HG<br>PPM | IR<br>PPB | MO<br>PPM | NA<br>PPM | NI<br>PPM | RE<br>PPM | SE<br>PPM | SC<br>PPM | SI<br>PPM | SR<br>% |
|--------------------|-----------|-----------|-----------|-----------|-----------|---------|-----------|-----------|-----------|---------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|
| FHM 301-150HN      | 3320      | <37       | <13       | <1200     | <9        | <23     | 120       | 320       | <10       | 1.00    | 1100      | <22       | <140      | INT 14000 | <1100     | <200      | 17        | 32        | <71       | <0.4      |         |
| FHM 302-150HN      | 3300      | <11       | <4        | <370      | 33        | <7      | <5        | 140       | <3        | 1.97    | 880       | <7        | <41       | INT 15700 | <310      | <60       | 2.4       | 17        | <25       | <0.2      |         |

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Activation Laboratories Ltd. Work Order: 1910 Report: 1921

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| Sample description | TA<br>PPM | TH<br>PPM | U<br>PPM | W<br>PPM | ZN<br>PPM | LA<br>PPM | CE<br>PPM | ND<br>PPM | SM<br>PPM | EU<br>PPM | TB<br>PPM | YB<br>PPM | LU<br>PPM | Mass<br>g |
|--------------------|-----------|-----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| FHM 301-150HN      | 100       | 3700      | 420      | <28      | <390      | 10000     | 16000     | 5000      | 690       | 66.9      | 55        | 62.7      | 13.6      | 0.5610    |
| FHM 302-150HN      | 10        | 1000      | 160      | 78       | <200      | 2700      | 4200      | 1200      | 190       | 28.1      | 20        | 38.9      | 8.2       | 1.959     |

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