

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716



GEOCHEMICAL ANALYSIS CERTIFICATE



Hastinger, Richard File # 9800129
Box 335, Fort St. James BC V0J 1P0 Submitted by: Richard Hastinger

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au** | Pt** | Pd** |
|----------------|-----|-----|-----|-----|------|-----|-----|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|-----|------|-----|-----|-----|------|------|------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppb | ppb | ppb |
| FRAN #1 INZANA | 3 | 315 | 828 | 959 | 10.2 | 4 | 3 | 23 | 1.03 | 2676 | <8 | 3 | <2 | 6 | 6.7 | 23 | <3 | 3 | .05 | .017 | 3 | 9 | .02 | 76 | <.01 | 3 | .23 | .01 | .16 | 5 | 3271 | <1 | <1 |
| FRAN #2 INZANA | 4 | 830 | <3 | 28 | .3 | 112 | 54 | 1008 | 13.05 | 20 | <8 | <2 | <2 | 19 | .7 | <3 | <3 | 71 | 1.26 | .131 | 5 | 29 | .68 | 22 | .07 | 17 | 2.57 | .02 | .06 | 3 | 363 | 2 | 4 |
| FRAN #3 INZANA | 3 | 292 | <3 | 22 | <.3 | 6 | 14 | 338 | 4.12 | 8 | <8 | <2 | 2 | 21 | <.2 | <3 | <3 | 58 | 2.40 | .164 | 12 | 5 | .65 | 26 | .11 | 6 | 2.22 | .05 | .08 | 2 | 15 | 1 | 1 |
| RE #3 INZANA | 3 | 277 | 3 | 22 | <.3 | 6 | 14 | 322 | 3.92 | 6 | <8 | <2 | <2 | 20 | .2 | <3 | <3 | 55 | 2.28 | .157 | 11 | 3 | .62 | 25 | .10 | 7 | 2.11 | .05 | .08 | 2 | 13 | 1 | <1 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
- SAMPLE TYPE: ROCK AU** PT** PD** BY FIRE ASSAY & ANALYSIS BY ULTRA/ICP. (30 gm)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 14 1998 DATE REPORT MAILED: *Jan 20/98* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Haslinger, Richard File # 9800656

Box 325, Fort St. James BC V0J 1P0

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au* |
|-------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppb |
| FRAN INZANA #4 | 65 | 722 | 3 | 18 | .5 | 1 | 28 | 325 | 7.26 | 7 | <8 | <2 | 7 | 22 | 1.3 | <3 | 3 | 147 | .54 | .139 | 9 | 14 | .91 | 80 | .24 | 6 | 2.20 | .04 | .21 | 4 | 262 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 - SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/NIBK EXTRACT, GF/AA FINISHED.(10 GM)

DATE RECEIVED: FEB 27 1998 DATE REPORT MAILED: *Mar 6/98* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

FROM : Haslinger Fax/Rns
 PHONE NO. : 604 996 7050
 Jun. 03 1998 09:56AM P2

ACME ANALYTICAL LABORATORIES LTD.

852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716

AA
LL

GEOCHEMICAL ANALYSIS CERTIFICATE

Haslinger, Richard File # 9800834

Box 335, Fort St. James BC V0J 1P0

AA
LL

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | M | Au* |
|-----------|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|------|---|-----|-----|-----|-----|-----|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | % | % | % | ppm | ppb | |
| INZANA #5 | 6 | 357 | 73 | 460 | 1.8 | 9 | 5 | 48 | 2.65 | 711 | <8 | <2 | 2 | 11 | 3.0 | 6 | <3 | 9 | .13 | .062 | 10 | 9 | .05 | 63 | <.01 | 5 | .63 | .01 | .29 | <2 | 750 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 - SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/NIBK EXTRACT, GF/AA FINISHED.(10 GM).

DATE RECEIVED: MAR 13 1998 DATE REPORT MAILED: *March 20/98* SIGNED BY: *[Signature]* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

All results are considered the confidential property of the client. Acme assumes the liabilities for actual cost of the analysis only.

Data *[Signature]* FA

FROM : Haslinger Fax/Ans

PHONE NO. : 504 996 7050

Jun. 03 1998 09:57PM P3



GEOCHEMICAL ANALYSIS CERTIFICATE



Haslinger, Richard Pile # 9801304
Box 335, Fort St. James BC V0J 1P0 Submitted by: Richard Haslinger

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au* ppb |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| #6 FRAN | 95 | 781 | 6 | 5 | 1.6 | 2 | 55 | 181 | 12.92 | 21 | <8 | <2 | 4 | 13 | <.2 | <3 | <3 | 92 | .75 | .102 | 4 | 6 | .38 | 55 | .18 | 45 | 2.25 | .02 | .16 | 6 | 497 |
| #7 FRAN | 8 | 439 | <3 | 21 | .6 | 5 | 29 | 387 | 3.74 | 8 | <8 | <2 | 2 | 35 | .6 | <3 | <3 | 77 | 2.40 | .203 | 12 | 6 | .43 | 67 | .13 | 7 | 2.05 | .13 | .18 | <2 | 86 |
| #8 FRAN | 4 | 161 | 5 | 25 | .3 | 24 | 12 | 217 | 3.61 | <2 | <8 | <2 | 2 | 41 | <.2 | <3 | <3 | 70 | 1.25 | .130 | 15 | 26 | .52 | 107 | .21 | <3 | 1.18 | .11 | .15 | <2 | 8 |
| #9 FRAN | 3 | 143 | <3 | 18 | <.3 | 7 | 13 | 513 | 2.22 | <2 | <8 | <2 | 2 | 41 | .2 | <3 | <3 | 56 | 2.39 | .121 | 10 | 10 | .60 | 44 | .08 | 6 | 2.14 | .09 | .11 | 2 | 14 |
| #10 FRAN | 6 | 75 | <3 | 30 | .3 | 7 | 11 | 501 | 2.90 | <2 | <8 | <2 | <2 | 45 | .5 | <3 | <3 | 80 | 5.15 | .132 | 9 | 12 | .49 | 53 | .10 | 59 | 3.71 | .07 | .09 | <2 | 3 |
| RE #10 FRAN | 7 | 76 | 3 | 28 | <.3 | 6 | 10 | 488 | 2.90 | <2 | <8 | <2 | <2 | 44 | .5 | <3 | <3 | 77 | 4.92 | .131 | 9 | 10 | .48 | 53 | .09 | 57 | 3.60 | .07 | .09 | <2 | 2 |
| STANDARD C3/AU-R | 26 | 62 | 38 | 158 | 5.5 | 35 | 12 | 840 | 3.41 | 56 | 20 | 3 | 17 | 30 | 22.4 | 19 | 18 | 81 | .59 | .088 | 18 | 165 | .57 | 147 | .08 | 19 | 1.86 | .05 | .18 | 20 | 502 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.

DATE RECEIVED: APR 17 1998 DATE REPORT MAILED: April 22/98 SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Haslinger, Richard File # 9801608
Box 335, Fort St. James BC V0J 1P0 Submitted by: Richard Haslinger

| SAMPLE# | No ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au* ppb |
|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| #11 FRAN | 16 | 388 | <3 | 11 | <.3 | 19 | 20 | 167 | 3.38 | <2 | <8 | <2 | 2 | 27 | .3 | <3 | <3 | 51 | 1.16 | .118 | 10 | 9 | .37 | 33 | .14 | 4 | 1.28 | .05 | .06 | 2 | 3 |
| #12 FRAN | 23 | 2326 | <3 | <1 | .3 | 4 | 102 | 16 | 8.22 | 3 | <8 | <2 | 3 | 9 | <.2 | <3 | 10 | 7 | .06 | .019 | 1 | 5 | .01 | 13 | .16 | <3 | .17 | .02 | .13 | 104 | 821 |
| #13 FRAN | 1 | 60 | <3 | 30 | <.3 | 4 | 11 | 818 | 4.46 | <2 | <8 | <2 | 2 | 21 | .3 | <3 | <3 | 107 | 2.25 | .147 | 11 | 7 | 1.23 | 11 | .12 | 4 | 2.96 | .04 | .04 | 2 | 44 |
| #14 FRAN | 7 | 122 | <3 | 18 | <.3 | 4 | 12 | 365 | 2.11 | 9 | <8 | <2 | 4 | 13 | .4 | <3 | <3 | 34 | 2.33 | .081 | 13 | 6 | .46 | 25 | .06 | 5 | 2.38 | .03 | .07 | 2 | 140 |
| RE #14 FRAN | 7 | 122 | <3 | 16 | <.3 | 3 | 12 | 369 | 2.12 | 7 | <8 | <2 | 4 | 13 | <.2 | <3 | <3 | 34 | 2.34 | .081 | 12 | 7 | .45 | 26 | .06 | 4 | 2.33 | .03 | .07 | 2 | 144 |
| STANDARD CS/AU-R | 22 | 53 | 29 | 133 | 4.6 | 30 | 9 | 643 | 2.74 | 47 | 19 | <2 | 15 | 25 | 20.2 | 15 | 18 | 65 | .47 | .077 | 16 | 134 | .49 | 128 | .08 | 18 | 1.55 | .03 | .13 | 18 | 509 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAY 8 1998 DATE REPORT MAILED: *May 13/98* SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Haslinger, Richard File # 9801695
Box 335, Fort St. James BC V0J 1P0 Submitted by: Richard Haslinger

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au* |
|----------------------------|--------------|----------------|---------------|---------------|---------------|---------------|---------------|----------------|-----------------|---------------|--------------|--------------|---------------|----------------|--------------|--------------|----------------|-----------------|-----------------|--------------|---------------|-----------------|---------------|----------------|--------------|-----------------|----------------|----------------|--------------|---------------|-------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppb |
| #15 FRAN | 3 | 262 | 36 | 369 | 1.7 | 3 | 25 | 957 | 7.89 | 160 | <8 | <2 | 4 | 24 | 2.5 | 4 | <3 | 76 | .62 | .156 | 21 | 4 | .87 | 85 | .02 | 6 | 2.20 | .04 | .43 | 3 | 324 |
| #16 FRAN | 12 | 712 | 4427 | 3917 | 55.1 | 4 | 17 | 70 | 8.85 | 19788 | <8 | 47 | 2 | 89 | 26.1 | 65 | 5 | 4 | .02 | .019 | 2 | 19 | .02 | 56 | <.01 | <3 | .16 | .01 | .30 | 15 | 41700 |
| #17 FRAN | 2 | 66 | 15 | 50 | .3 | 16 | 15 | 425 | 3.72 | 66 | <8 | <2 | 4 | 59 | .4 | <3 | 5 | 118 | 1.65 | .136 | 10 | 28 | .85 | 158 | .19 | 8 | 2.21 | .09 | .19 | <2 | 227 |
| #1 INZANA SOUTH | 3 | 461 | 11 | 53 | .5 | 71 | 55 | 398 | 5.33 | 26 | 0 | 2 | 26 | .7 | 3 | 6 | 95 | 1.69 | .076 | 4 | 85 | 1.05 | 55 | .20 | 3 | 2.18 | .09 | .08 | 2 | 39 | |
| #2 INZANA SOUTH | 7 | 455 | 7 | 48 | .4 | 56 | 30 | 635 | 6.21 | 6 | 0 | 2 | 35 | 1.1 | 3 | 3 | 115 | 2.36 | .134 | 4 | 92 | .85 | 59 | .23 | 3 | 2.52 | .08 | .12 | 3 | 13 | |
| RE #2 INZANA SOUTH | 7 | 448 | <3 | 47 | .5 | 57 | 32 | 633 | 6.16 | 8 | <8 | <2 | 2 | 35 | .8 | <3 | 4 | 115 | 2.34 | .128 | 5 | 93 | .84 | 59 | .23 | 4 | 2.52 | .08 | .12 | 2 | 12 |
| STANDARD C3/AU-R | 26 | 66 | 32 | 169 | 5.6 | 35 | 12 | 791 | 3.35 | 55 | 20 | 3 | 22 | 29 | 23.5 | 20 | 22 | 78 | .54 | .090 | 18 | 166 | .61 | 157 | .09 | 21 | 1.95 | .04 | .17 | 16 | 494 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GM)
Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: MAY 14 1998 DATE REPORT MAILED: *May 25/98* SIGNED BY: *C. Leong* .D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

FROM : Haslinger Fax/Ans PHONE NO. : 604 996 7050 Jun. 03 1998 10:00PM PS



GEOCHEMICAL ANALYSIS CERTIFICATE



Haslinger, Richard File # 9801869
Box 335, Fort St. James BC V0J 1P0 Submitted by: Richard Haslinger

| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au* ppb |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| FRAN #18 | 18 | 2208 | 585 | 22127 | 45.1 | 11 | 45 | 121 | 12.40 | 20715 | <8 | 30 | <2 | 19 | 166.5 | 52 | <3 | 4 | .02 | .014 | 1 | 18 | .02 | 22 | <.01 | <3 | .15 | .01 | .19 | <2 | 30000 |
| FRAN #19 | 45 | 931 | 32 | 489 | 3.5 | 13 | 34 | 397 | 7.22 | 428 | <8 | <2 | 3 | 10 | 3.9 | 5 | <3 | 45 | .17 | .069 | 5 | 10 | .44 | 56 | .01 | <3 | 1.44 | .02 | .29 | <2 | 670 |
| FRAN #20 | 6 | 220 | 5 | 77 | <.3 | 8 | 35 | 528 | 6.10 | 57 | <8 | <2 | 2 | 23 | .7 | <3 | <3 | 160 | 1.92 | .157 | 10 | 10 | 1.31 | 44 | .20 | <3 | 3.17 | .04 | .15 | 2 | 970 |
| FRAN #21 | 13 | 648 | 17 | 24 | <.3 | 7 | 33 | 316 | 10.17 | 12 | <8 | <2 | 3 | 34 | <.2 | <3 | <3 | 117 | .77 | .120 | 6 | 9 | .65 | 74 | .18 | 21 | 2.37 | .04 | .14 | 44 | 1050 |
| RE FRAN #21 | 12 | 619 | 19 | 22 | <.3 | 6 | 32 | 303 | 9.73 | 15 | <8 | <2 | 3 | 33 | <.2 | <3 | <3 | 112 | .74 | .116 | 5 | 9 | .62 | 73 | .17 | 22 | 2.28 | .04 | .15 | 44 | 1170 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
- SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED.(10 GR)
Samples beginning 'RE' are Retuns and 'RRE' are Reject Retuns.

DATE RECEIVED: MAY 26 1998

DATE REPORT MAILED: *June 4/98*

SIGNED BY: *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS

4B - MIT OF GREESE + COPPER + QTZ ~ 1' WIDE, 75' LONG
4A - COMPOSITE OF QUARTZ VEINING OVER 8'
9 - 20 TUBS
8 - 50' ALONG ROAD

GEOCHEMICAL ANALYSIS CERTIFICATE

Analyst: Richard File # 9802259
 Reg. 335 (APP. 5) (Amended by VO 180) Submitted by: Richard Gaslinger



| SAMPLE# | Mo ppm | Cu ppm | Pb ppm | Zn ppm | Ag ppm | Ni ppm | Co ppm | Mn ppm | Fe % | As ppm | U ppm | Au ppm | Th ppm | Sr ppm | Cd ppm | Sb ppm | Bi ppm | V ppm | Ca % | P % | La ppm | Cr ppm | Mg % | Ba ppm | Ti % | B ppm | Al % | Na % | K % | W ppm | Au* ppb |
|-------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|---------|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|---------|--------|-----------|-----------|---------|-----------|---------|----------|---------|---------|--------|----------|------------|
| FRAN #22 | 64 | 1275 | <3 | 36 | 5.7 | 11 | 87 | 703 | 12.17 | 14 | <8 | 79 | 2 | 82 | <.2 | <3 | <3 | 117 | .32 | .080 | 31 | 5 | .69 | 88 | <.01 | <3 | 3.04 | .03 | .08 | 2 | 48700 |
| FRAN #23 | 32 | 803 | 3 | 32 | 1.0 | 10 | 47 | 434 | 8.02 | 5 | <8 | 14 | 3 | 63 | .3 | <3 | <3 | 100 | .37 | .094 | 28 | 5 | .69 | 72 | <.01 | <3 | 2.76 | .05 | .12 | <2 | 15800 |
| RE FRAN #23 | 32 | 792 | <3 | 31 | 1.2 | 11 | 46 | 421 | 7.84 | 7 | <8 | 16 | 2 | 62 | .6 | <3 | <3 | 98 | .36 | .092 | 27 | 5 | .68 | 71 | <.01 | <3 | 2.74 | .05 | .12 | <2 | 15400 |

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB
 - SAMPLE TYPE: ROCK AU* - IGNITED, AQUA-REGIA/HIBK EXTRACT, GF/AA FINISHED. (10 GM)
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JUN 17 1998 DATE REPORT MAILED: Jun 23/98 SIGNED BY: [Signature] D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS



GEOCHEMICAL ANALYSIS CERTIFICATE



Haslinger, Richard File # 9800129

Box 335, Fort St. James BC V0J 1P0 Submitted by: Richard Haslinger

| SAMPLE# | Mo | Cu | Pb | Zn | Ag | Ni | Co | Mn | Fe | As | U | Au | Th | Sr | Cd | Sb | Bi | V | Ca | P | La | Cr | Mg | Ba | Ti | B | Al | Na | K | W | Au** | Pt** | Pd** |
|-------------|-----|-----|-----|-----|------|-----|-----|------|-------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|-----|------|-----|-----|-----|------|------|------|
| | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | ppm | % | % | ppm | ppm | % | ppm | % | ppm | % | % | % | ppm | ppb | ppb | ppb |
| #1 QUARTZ | 3 | 315 | 828 | 959 | 10.2 | 4 | 3 | 23 | 1.03 | 2676 | <8 | 3 | <2 | 6 | 6.7 | 23 | <3 | 3 | .05 | .017 | 3 | 9 | .02 | 76 | <.01 | 3 | .23 | .01 | .16 | 5 | 3271 | <1 | <1 |
| #2 ANDYSITE | 4 | 830 | <3 | 28 | .3 | 112 | 54 | 1008 | 13.05 | 20 | <8 | <2 | <2 | 19 | .7 | <3 | <3 | 71 | 1.26 | .131 | 5 | 29 | .68 | 22 | .07 | 17 | 2.57 | .02 | .06 | 3 | 363 | 2 | 4 |
| #3 DIORITE | 3 | 292 | <3 | 22 | <.3 | 6 | 14 | 338 | 4.12 | 8 | <8 | <2 | 2 | 21 | <.2 | <3 | <3 | 58 | 2.40 | .164 | 12 | 5 | .65 | 26 | .11 | 6 | 2.22 | .05 | .08 | 2 | 15 | 1 | 1 |
| RE | 3 | 277 | 3 | 22 | <.3 | 6 | 14 | 322 | 3.92 | 6 | <8 | <2 | <2 | 20 | .2 | <3 | <3 | 55 | 2.28 | .157 | 11 | 3 | .62 | 25 | .10 | 7 | 2.11 | .05 | .08 | 2 | 13 | 1 | <1 |

ICP -- .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
 THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL.
 - SAMPLE TYPE: ROCK AU** PT** PD** BY FIRE ASSAY & ANALYSIS BY ULTRA/ICP. (30 gm)
 Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE RECEIVED: JAN 14 1998

DATE REPORT MAILED: *Jan 20/98*

SIGNED BY..... *C. Leong* D. TOYE, C. LEONG, J. WANG; CERTIFIED B.C. ASSAYERS