

830493

COMP: N.C.CARTER
 PROJ: MACKTUSH PROPERTY
 ATTN: N.C.CARTER

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-0774-RJ1
 DATE: 90/07/02
 * CORE * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | U PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU PPB |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|-------|--------|--------|--------|-------|--------|--------|
| 20772 (ROCK) | 8.1 | 6130 | 47 | 3 | 49 | .7 | 1 | 710 | .1 | 12 | 1286 | 28270 | 1430 | 4 | 4150 | 121 | 33 | 50 | 29 | 210 | 37 | 1 | 2 | 1 | 1 | 24.9 | 20 | 1 | 1 | 4 | 137 | 22000 |
| 20773 (ROCK) | .2 | 2130 | 32 | 1 | 25 | .3 | 1 | 580 | .1 | 7 | 88 | 12220 | 770 | 1 | 1220 | 123 | 31 | 60 | 3 | 80 | 22 | 1 | 1 | 1 | 1 | 7.4 | 9 | 1 | 1 | 4 | 143 | 2450 |
| 20774 (ROCK) | .3 | 7370 | 18 | 2 | 21 | .5 | 1 | 7350 | .2 | 5 | 37 | 16760 | 1720 | 2 | 4860 | 528 | 13 | 50 | 3 | 130 | 20 | 1 | 1 | 1 | 1 | 14.9 | 22 | 1 | 1 | 5 | 151 | 696 |
| 20775 (ROCK) | 1.4 | 3460 | 36 | 2 | 18 | .3 | 1 | 750 | .5 | 5 | 26 | 11240 | 1530 | 1 | 930 | 52 | 17 | 50 | 4 | 180 | 22 | 1 | 1 | 1 | 1 | 9.7 | 8 | 1 | 1 | 3 | 119 | 817 |
| 20776 (CORE) | 1.5 | 20250 | 1 | 8 | 163 | 1.1 | 3 | 40420 | 1.1 | 16 | 217 | 32440 | 1950 | 13 | 19400 | 741 | 8 | 180 | 36 | 480 | 34 | 1 | 1 | 1 | 1 | 70.2 | 42 | 6 | 1 | 6 | 164 | 76 |
| 20777 (CORE) | 2.2 | 4050 | 56 | 5 | 15 | .6 | 2 | 48730 | 1.0 | 10 | 276 | 21030 | 1100 | 10 | 6040 | 595 | 10 | 70 | 12 | 230 | 29 | 36 | 1 | 1 | 1 | 25.8 | 38 | 3 | 1 | 5 | 140 | 155 |
| 20778 (CORE) | 3.7 | 3530 | 71 | 3 | 19 | .6 | 2 | 11250 | 1.8 | 10 | 106 | 19620 | 1500 | 6 | 2960 | 274 | 29 | 60 | 10 | 170 | 303 | 19 | 1 | 1 | 1 | 16.6 | 292 | 2 | 1 | 22 | 560 | 281 |
| 20779 (CORE) | 1.3 | 6430 | 21 | 7 | 44 | .9 | 3 | 17800 | .9 | 15 | 27 | 25440 | 2320 | 22 | 6300 | 406 | 12 | 80 | 10 | 450 | 88 | 2 | 4 | 1 | 1 | 31.4 | 42 | 2 | 1 | 4 | 126 | 62 |
| 20780 (CORE) | 1.2 | 16110 | 1 | 7 | 203 | 1.2 | 4 | 30350 | .7 | 16 | 19 | 36460 | 2320 | 11 | 15560 | 761 | 3 | 470 | 4 | 610 | 33 | 1 | 14 | 1 | 1 | 92.8 | 44 | 5 | 1 | 3 | 74 | 12 |
| 20781 (CORE) | 1.7 | 9580 | 18 | 8 | 121 | .8 | 2 | 12000 | .1 | 16 | 35 | 24940 | 2680 | 35 | 4040 | 389 | 7 | 110 | 5 | 390 | 86 | 6 | 6 | 1 | 1 | 39.2 | 35 | 2 | 1 | 6 | 169 | 81 |

20776-20781 - Drill Hole 5

ACME ANALYTICAL LABORATORIES LTD.

DATE RECEIVED: MAR 17 1988

852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6

PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED:

Mar 21/88

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp

ASSAYER: *C. Leong* D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

H. MCMASTER PROJECT-SYMC File # 87-3963R

| SAMPLE# | CU | AG | AU |
|---------|-----|------|------|
| | % | OZ/T | OZ/T |
| P 0512 | .03 | .06 | .174 |

Drill Hole 1

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: MAR 17 1988
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: *Mar 21/88*

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp

ASSAYER: *C. Leong* D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

H. MCMASTER File # 87-5229R

| SAMPLE# | CU | AG | AU |
|---------|-----|------|-------|
| | % | OZ/T | OZ/T |
| E 60357 | .80 | .48 | .112 |
| E 60358 | .95 | 5.04 | 1.290 |

Drill Hole 3 - second split (quarter core)

ACME ANALYTICAL LABORATORIES LTD. DATE RECEIVED: MAR 17 1988
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE (604) 253-3158 FAX (604) 253-1716 DATE REPORT MAILED: *Mar 21/89*

ASSAY CERTIFICATE

- SAMPLE TYPE: Pulp

ASSAYER: *C. Leong* D. TOYE OR C. LEONG, CERTIFIED B.C. ASSAYERS

H. MCMASTER File # 87-5772R

| SAMPLE# | CU % | AG OZ/T | AU OZ/T |
|-----------|---------|------------|------------|
| - P 0565 | .01 | .06 | .116 |
| - E 60354 | .03 | .05 | .290 |

Drill Hole 8

ACME ANALYTICAL LABORATORIES
852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6
PHONE 253-3158 DATA LINE 251-1011

DATE RECEIVED: MAY 8 1987

DATE REPORT MAILED: *May 11/87*

ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

H. MCMASTER File # 87-1220

| SAMPLE# | CU % | AG OZ/T | AU OZ/T |
|--------------------|---------|------------|------------|
| S5 ✓ #100 | 1.85 | 1.08 | .364 |
| S6 * #101 | .01 | .12 | .303 |
| S7 * #102 | .05 | .71 | .173 |
| S8 #103 | .01 | .08 | .011 |

* Sample Location 1 - Figure 7

ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips

DATE RECEIVED: OCT 14 1987

DATE REPORT MAILED: Oct 24/87

ASSAYER: *D. Toye* DEAN TOYE, CERTIFIED B.C. ASSAYER

H. MCMASTER PROJECT-SYMC File # 87-4953

| SAMPLE# | MO % | CU % | PB % | ZN % | AG OZ/T | NI % | CO % | MN % | FE % | AS % | U % | TH % | CD % | SB % | BI % | AU OZ/T |
|------------------------------|---------|---------|---------|---------|------------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|------------|
| *E 19509 | .006 | 1.12 | .01 | .01 | .76 | .01 | .01 | .01 | 3.96 | .01 | .002 | .01 | .01 | .01 | .01 | .074 |
| **E 19510 | .021 | .42 | .01 | .01 | 1.23 | .01 | .01 | .04 | 6.43 | .05 | .002 | .01 | .01 | .01 | .01 | .166 |
| ***E 19511 | .008 | .57 | .01 | .01 | 1.56 | .01 | .01 | .03 | 7.68 | .08 | .002 | .01 | .01 | .02 | .01 | .192 |
| * Sample Site 5 - Figure 6 | | | | | | | | | | | | | | | | |
| ** Sample Site 4 - Figure 6 | | | | | | | | | | | | | | | | |
| *** Sample Site 3 - Figure 6 | | | | | | | | | | | | | | | | |

ASSAY CERTIFICATE

SAMPLE TYPE: ROCK CHIPS AU: 10 GRAM REGULAR ASSAY

DATE RECEIVED: APRIL 4 1986 DATE REPORT MAILED: *April 4/86* ASSAYER: *D. Toye* DEAN TOYE. CERTIFIED B.C. ASSAYER.

H. MCMASTER FILE # 86-0431

PAGE 1

| SAMPLE# | Mo % | Cu % | Pb % | Zn % | Ag OZ/T | Ni % | Co % | Mn % | Fe % | As % | U % | Th % | Cd % | Sb % | Bi % | Au OZ/T | Pt** OZ/T | Pd** OZ/T |
|---------------|---------|---------|---------|---------|------------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|------------|--------------|--------------|
| * <u>1003</u> | .008 | 1.34 | .01 | .01 | 1.43 | .01 | .02 | .01 | 7.51 | .01 | .002 | .01 | .010 | .010 | .010 | .218 | .001 | .001 |
| 1004 | .001 | .01 | .01 | .01 | .02 | .01 | .01 | .03 | 2.22 | .01 | .002 | .01 | .010 | .010 | .010 | .001 | .001 | .001 |
| 1005 | .001 | .01 | .01 | .01 | .01 | .01 | .01 | .09 | 5.83 | .01 | .002 | .01 | .010 | .010 | .010 | .001 | - | - |
| 1006 | .001 | .01 | .01 | .01 | .02 | .01 | .01 | .04 | 2.39 | .01 | .002 | .01 | .010 | .010 | .010 | .001 | - | - |

* Sample Location 4 - Figure 7

ASSAY CERTIFICATE

1.00 GRAM SAMPLE IS DIGESTED WITH 50ML OF 3-1-3 OF HCL-HNO₃-H₂O AT 95 DEG. C FOR ONE HOUR,
AND IS DILUTED TO 100ML WITH WATER. DETECTION FOR BASE METAL IS .01%.

- SAMPLE TYPE: ROCK CHIPS AU** 10 GRAM FIRE ASSAY

DATE RECEIVED: MAR 11 1985 DATE REPORT MAILED: *March 18, 1985* ASSAYER: *V. Saundry* DEAN TOYE OR TOM SAUNDY, CERTIFIED B.C. ASSAYER

SY.E. TRESIERRA FILE # 85-0238

PAGE 1

| SAMPLE# | Mo % | Cu % | Pb % | Zn % | Ag oz/t | Ni % | Co % | Mn % | Fe % | As % ✓ | U % | Th % | Cd % | Sb % | Bi % | Au ** oz/t |
|---------|---------|---------|---------|---------|------------|---------|---------|---------|---------|--------------|--------|---------|---------|---------|---------|---------------|
| 124 | .001 | .35 | .01 | .01 | .01 | .01 | .00 | .04 | 4.02 | .01 | .002 | .01 | .00 | .010 | .010 | .002 |
| 125 | .003 | .01 | .01 | .01 | .02 | .01 | .00 | .03 | 2.16 | .01 | .002 | .01 | .00 | .010 | .010 | .036 |
| 126 | .010 | (1.26) | .01 | .01 | (3.09) | .01 | .00 | .01 | 9.00 | .01 | .002 | .01 | .00 | .010 | .010 | (.465) |
| 127 | .002 | .81 | .01 | .01 | .12 | .01 | .00 | .01 | 2.44 | .01 | .002 | .01 | .00 | .010 | .010 | .031 |
| 128 | .001 | .01 | .01 | .01 | .01 | .01 | .00 | .03 | (11.12) | .02 | .002 | .01 | .00 | .010 | .010 | .005 |
| 129 | .001 | .01 | .01 | .01 | .01 | .01 | .00 | (4.05) | .25 | .01 | .002 | .01 | .00 | .010 | .010 | .001 |
| * 130 | .004 | .42 | .01 | .01 | .31 | .01 | .00 | .03 | 3.35 | .01 | .002 | .01 | .00 | .010 | .010 | (.318) |
| STD R-1 | .088 | .84 | 1.37 | 2.31 | 2.95 | .02 | .01 | .08 | 7.02 | .93 | .010 | .01 | .05 | .160 | .027 | |

* Sample Site 1 - Figure 6



ACME ANALYTICAL LABORATORIES LTD.

Assaying & Trace Analysis

852 E. Hastings St., Vancouver, B. C. V6A 1R6

Telephone: 253 - 3158

To: Mr. H. McMaster
3009 Kingsway
Port Alberni, B.C.

83-1038

File No. _____

Type of Samples Rock

Disposition _____

ASSAY CERTIFICATE

| No. | Sample | Cu% | Ag oz/ton | Au oz/ton | Total MoS ₂ % | | | No. |
|-----|--------|--------------------------------|--------------|--------------|-----------------------------|--|--|-----|
| 1 | 100 | .01 | .01 | .001 | | | | 1 |
| 2 | 101 | .01 | .01 | .001 | | | | 2 |
| 3 | 102 | .01 | .01 | .001 | | | | 3 |
| 4 | 103 | .01 | .10 | .012 | | | | 4 |
| 5 | * 104 | .78 | 2.21 | .416 | | | | 5 |
| 6 | 105 | 4.59 | 1.92 | .006 | 1.740 | | | 6 |
| 7 | 106 | .01 | .02 | .002 | | | | 7 |
| 8 | 107 | .01 | .01 | .001 | | | | 8 |
| 9 | 108 | .01 | .01 | .001 | | | | 9 |
| 10 | | | | | | | | 10 |
| 11 | | | | | | | | 11 |
| 12 | | * Sample Location 3 - Figure 7 | | | | | | 12 |
| 13 | | | | | | | | 13 |
| 14 | | | | | | | | 14 |
| 15 | | | | | | | | 15 |
| 16 | | | | | | | | 16 |
| 17 | | | | | | | | 17 |
| 18 | | | | | | | | 18 |
| 19 | | | | | | | | 19 |
| 20 | | | | | | | | 20 |

All reports are the confidential property of clients.

DATE SAMPLES RECEIVED July 4, 1983

DATE REPORTS MAILED July 7, 1983

ASSAYER Dean Toy

DEAN TOYE, B.Sc.
CHIEF CHEMIST
CERTIFIED B.C. ASSAYER

ASSAY CERTIFICATE

- SAMPLE TYPE: Rock Chips

DATE RECEIVED: JUNE 17 1987

DATE REPORT MAILED: *June 20/87*ASSAYER: *D. Toye*... DEAN TOYE, CERTIFIED B.C. ASSAYER

H. MCMASTER File # 87-1823

| SAMPLE# | MO % | CU % | PB % | ZN % | AG OZ/T | NI % | CO % | MN % | FE % | AS % | U % | TH % | CD % | SB % | BI % | AU OZ/T |
|---------|---------|---------|---------|---------|------------|---------|---------|---------|---------|---------|--------|---------|---------|---------|---------|------------|
| 25 | .001 | .01 | .01 | .01 | .01 | .01 | .01 | .04 | 2.27 | .01 | .002 | .01 | .01 | .01 | .01 | .002 |
| * 50 | .009 | .01 | .01 | .01 | .01 | .01 | .01 | .01 | 1.67 | .01 | .002 | .01 | .01 | .01 | .01 | .303 |
| 75 | .006 | .01 | .01 | .01 | .01 | .01 | .01 | .03 | 1.92 | .01 | .002 | .01 | .01 | .01 | .01 | .008 |

* Sample Location 2 - Figure 7

COMP: N.C.CARTER
 PROJ: MACKTUSH PROPERTY
 ATTN: N.C.CARTER

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-0774-RJ1
 DATE: 90/07/02
 * CORE * (ACT:F31)

| SAMPLE NUMBER | AG PPM | AL PPM | AS PPM | B PPM | BA PPM | BE PPM | BI PPM | CA PPM | CD PPM | CO PPM | CU PPM | FE PPM | K PPM | LI PPM | MG PPM | MN PPM | MO PPM | NA PPM | NI PPM | P PPM | PB PPM | SB PPM | SR PPM | TH PPM | U PPM | V PPM | ZN PPM | GA PPM | SN PPM | W PPM | CR PPM | AU PPB |
|---------------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|-------|--------|--------|--------|--------|-------|-------|--------|--------|--------|-------|--------|--------|
| 20772 (ROCK) | 8.1 | 6130 | 47 | 3 | 49 | .7 | 1 | 710 | .1 | 12 | 1286 | 28270 | 1430 | 4 | 4150 | 121 | 33 | 50 | 29 | 210 | 37 | 1 | 2 | 1 | 1 | 24.9 | 20 | 1 | 1 | 4 | 137 | 22000 |
| 20773 (ROCK) | .2 | 2130 | 32 | 1 | 25 | .3 | 1 | 580 | .1 | 7 | 88 | 12220 | 770 | 1 | 1220 | 123 | 31 | 60 | 3 | 80 | 22 | 1 | 1 | 1 | 1 | 7.4 | 9 | 1 | 1 | 4 | 143 | 2450 |
| 20774 (ROCK) | .3 | 7370 | 18 | 2 | 21 | .5 | 1 | 7350 | .2 | 5 | 37 | 16760 | 1720 | 2 | 4860 | 528 | 13 | 50 | 3 | 130 | 20 | 1 | 1 | 1 | 1 | 14.9 | 22 | 1 | 1 | 5 | 151 | 696 |
| 20775 (ROCK) | 1.4 | 3460 | 36 | 2 | 18 | .3 | 1 | 750 | .5 | 5 | 26 | 11240 | 1530 | 1 | 930 | 52 | 17 | 50 | 4 | 180 | 22 | 1 | 1 | 1 | 1 | 9.7 | 8 | 1 | 1 | 3 | 119 | 817 |
| 20776 (CORE) | 1.5 | 20250 | 1 | 8 | 163 | 1.1 | 3 | 40420 | 1.1 | 16 | 217 | 32440 | 1950 | 13 | 19400 | 741 | 8 | 180 | 36 | 480 | 34 | 1 | 1 | 1 | 1 | 70.2 | 42 | 6 | 1 | 6 | 164 | 76 |
| 20777 (CORE) | 2.2 | 4050 | 56 | 5 | 15 | .6 | 2 | 48730 | 1.0 | 10 | 276 | 21030 | 1100 | 10 | 6040 | 595 | 10 | 70 | 12 | 230 | 29 | 36 | 1 | 1 | 1 | 25.8 | 38 | 3 | 1 | 5 | 140 | 155 |
| 20778 (CORE) | 3.7 | 3530 | 71 | 3 | 19 | .6 | 2 | 11250 | 1.8 | 10 | 106 | 19620 | 1500 | 6 | 2960 | 274 | 29 | 60 | 10 | 170 | 303 | 19 | 1 | 1 | 1 | 16.6 | 292 | 2 | 1 | 22 | 560 | 281 |
| 20779 (CORE) | 1.3 | 6430 | 21 | 7 | 44 | .9 | 3 | 17800 | .9 | 15 | 27 | 25440 | 2320 | 22 | 6300 | 406 | 12 | 80 | 10 | 450 | 88 | 2 | 4 | 1 | 1 | 31.4 | 42 | 2 | 1 | 4 | 126 | 62 |
| 20780 (CORE) | 1.2 | 16110 | 1 | 7 | 203 | 1.2 | 4 | 30350 | .7 | 16 | 19 | 36460 | 2320 | 11 | 15560 | 761 | 3 | 470 | 4 | 610 | 33 | 1 | 14 | 1 | 1 | 92.8 | 44 | 5 | 1 | 3 | 74 | 12 |
| 20781 (CORE) | 1.7 | 9580 | 18 | 8 | 121 | .8 | 2 | 12000 | .1 | 16 | 35 | 24940 | 2680 | 35 | 4040 | 389 | 7 | 110 | 5 | 390 | 86 | 6 | 6 | 1 | 1 | 39.2 | 35 | 2 | 1 | 6 | 169 | 81 |

20772 - Sample Location 5 - Figure 7

20773 - Sample Site 1 - Figure 6

20774 - Sample Site 2 - Figure 6

20775 - Sample Site 5 - Figure 6



**MINERAL
• ENVIRONMENTS
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FAX (604) 980-9621

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

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

Assay Certificate

0V-0774-RA1

Company: **N.C.CARTER**
Project: **MACKTUSH PROPERTY**
Attn: **N.C.CARTER**

Date: **JUL-02-90**
Copy 1. **N.C.CARTER, VICTORIA, B.C.**

We hereby certify the following Assay of 2 ROCK samples submitted JUN-27-90 by N.C.CARTER.

| Sample Number | AU q/tonne | AU oz/ton |
|---------------|------------|-----------|
| 20772 (ROCK) | 22.60 | .659 |
| 20773 (ROCK) | 2.50 | .073 |

20772 - Sample Location 5 - Figure 7

20773 - Sample Site 1 - Figure 6

Certified by

MIN-EN LABORATORIES