

DRILL PROGRAM
for
CHATHAM RESOURCES LTD.
on the
ARKOSE CLAIMS
in the
VERNON MINING DIVISION
of
BRITISH COLUMBIA

April 18, 1977
Vancouver, B.C.

Manny Consultants Ltd
E. Amendolagine, P.Eng.,

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DRILL PROGRAM

The drill programme on the Chatham Resources Ltd., claims, ARKOSE and ARKOSE 2 was conducted to test a combination of I.P. responses, geochemical indications and radiometric highs. The I.P. responses were drilled to test for any association of uranium mineralization with the sulphides. Sulphides were encountered in the drilling, but there was no uranium present. All drill holes were tested for radioactive material with a drill hole probe. There was no radioactivity encountered in all three drill holes. The drill core size was N.Q.

All the core is at the drill site. No core was sent out for assays.

PROPERTY

The property consists of two claims, ^{Tag} Arkose #11584 comprising of six units and Arkose 2 ^{Tag} #11643 comprising of twenty units for a total of twenty-six units. *Record # 53(5), 54(5)*


LOCATION

The claims are located some nine road miles southeast of Lumby, British Columbia east of Harris Creek, latitude 50°10' N., longitude 118°53'W, N.T.S. 82 ⁶/_{2W}, Vernon Mining Division, B.C.

GENERAL GEOLOGY

The general regional geology, of the Chatham Resources Ltd. property area as indicated by the G.S.C. geologic mapping by Rice and Jones, consists of the basement rocks being the Pre-Cambrian Monashee group overlain by the Jurassic-Cretaceous granitic Coast Intrusives with these overlain by the Palaeozoic-Carboniferous-Permian Cache Creek group and the Cenozoic Tertiary Kamloops group of rock formations. Ref: G.S.C. Memoir 296, Vernon Map Area, by A.G. Jones, 1959.

Respectfully submitted,
MANNY CONSULTANTS LTD.,


E. Amendolagine, P.Eng.,
Consulting Geologist

April 18, 1977

DRILL LOGSD.H. No. 1 - Claim ARKOSE; Unit No. 2


Survey Location: 8+00 M.N. 10+00 M.W.
 Core Size: N.Q. Vertical Hole
 Depth: 210' Core at drill site
 Date: September 28, 1976

0 - 2' Overburden
 2 - 45' Basalt, dark grey, fg some fr.
 45 - 70' Volcanic lt. gr. fr.
 70 - 210 Possible andesite (volcanic) dk. gr. fg.
 some fr. and Br.
 210 End of hole
 No R.A. in drill hole probing

D.H. No. 2 - Claim ARKOSE; Unit No. 1

Survey Location: 4+ 00 M.N. 5+50 M.W.
 Core Size: N.Q. Vertical Hole
 Depth: 225' Core at drill site
 Date: October 6, 1976

0 - 8' Casing
 8 - 210 Possible andesite (vol) fg. drk gr. Some sh.
 210-225 Fg. dk. w/carb. mat. poss. fossils
 225 End of hole
 No. R.A. in drill hole probing

Sept 18, 1977


DRILL LOGS (continued)

D.H. No. 3 - Claim ARKOSE; Unit No. 1E
 Survey Location: 25M.N. 3+25 M.W.
 Core Size: N.Q. Vertical
 Depth: 182' Core at drill site
 Date: October 16, 1976

| | |
|-----------|---|
| 0 - 6' | Casing |
| 6 - 128' | Poss. Trachite lt gr. Some quartz |
| 128- 135' | Trans zone w/Br. |
| 135- 182 | Tiny sphalerite small crystals of felds. Ground mass sil., Lt. gray to white |
| 182' | End of Hole No. R.A. in drill hole probing. |


Sept 18, 1977



DRILL LOGS (continued)

D.H. No. 3 - Claim ARKOSE; Unit No. 1E
 Survey Location: 25M.N. 3+25 M.W.
 Core Size: N.Q. Vertical
 Depth: 182' Core at drill site
 Date: October 16, 1976

| | |
|-----------|---|
| 0 - 6' | Casing |
| 6 - 128' | Poss. Trachite lt gr. Some quartz |
| 128- 135' | Trans zone w/Br. |
| 135- 182 | Tiny sphalerite small crystals of felds. Ground mass sil., Lt. gray to white |
| 182' | End of Hole No. R.A. in drill hole probing. |

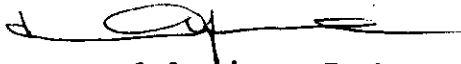
Sept. 18 1977


CERTIFICATE

I, EMANUEL AMENDOLAGINE, of the City of Vancouver, in the Province of British Columbia, hereby certify:

1. That I am a geologist and reside in Vancouver, British Columbia.
2. That I am a Graduate of Hunter College, of the City of New York, and Columbia University, with a B.A. and M.A. respectively, and that I have been practising my profession as a geologist for 22 years.
3. That I am a registered professional engineer in the Province of British Columbia.
4. That the drilling was under my supervision from the period of September 27, 1976 to October 21, 1976

MANNY CONSULTANTS LTD.,


E. Amendolagine, P.Eng.,

April 18, 1977

SHEET M82L/2W

blue SP

BLUE SPRINGS VALL

Blue

| | | |
|-------|-------|-------|
| 11537 | 11538 | |
| 11535 | 11513 | 11518 |
| 11536 | 11511 | 11510 |

| | |
|-------|-------|
| 13176 | 13175 |
|-------|-------|

| |
|-------|
| 13586 |
|-------|

CAMELS HUMP

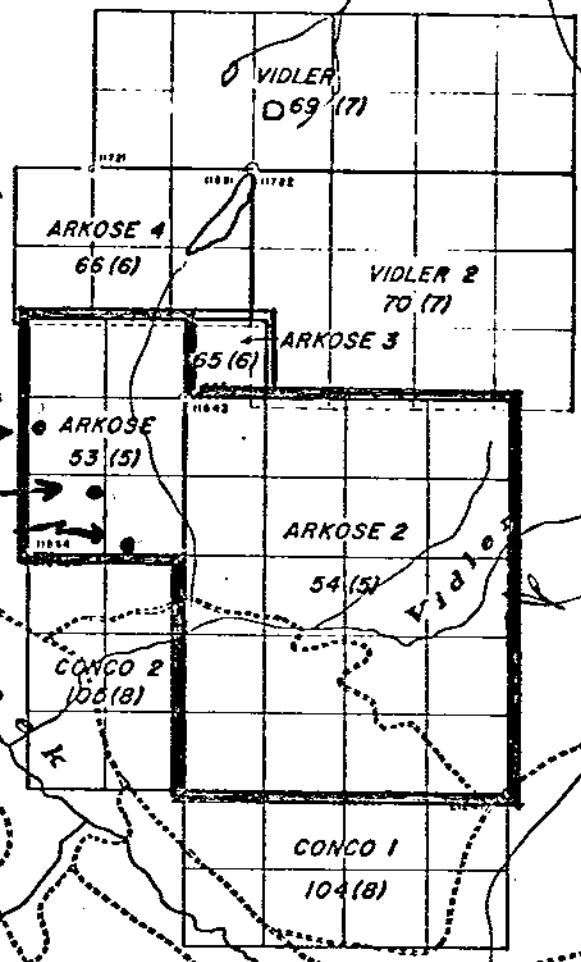
DRILLING ON CHATHAM RES. CLAIMS

| | | |
|-------|-------|-------|
| 13150 | 13151 | 13155 |
| 13105 | 13106 | 13107 |
| 13108 | 13109 | 13110 |
| 13111 | 13112 | 13113 |
| 13114 | 13115 | 13116 |
| 13117 | 13118 | 13119 |
| 13120 | 13121 | 13122 |
| 13123 | 13124 | 13125 |
| 13126 | 13127 | 13128 |
| 13129 | 13130 | 13131 |
| 13132 | 13133 | 13134 |
| 13135 | 13136 | 13137 |
| 13138 | 13139 | 13140 |
| 13141 | 13142 | 13143 |
| 13144 | 13145 | 13146 |
| 13147 | 13148 | 13149 |
| 13150 | 13151 | 13152 |
| 13153 | 13154 | 13155 |
| 13156 | 13157 | 13158 |
| 13159 | 13160 | 13161 |
| 13162 | 13163 | 13164 |
| 13165 | 13166 | 13167 |
| 13168 | 13169 | 13170 |
| 13171 | 13172 | 13173 |
| 13174 | 13175 | 13176 |
| 13177 | 13178 | 13179 |
| 13180 | 13181 | 13182 |
| 13183 | 13184 | 13185 |
| 13186 | 13187 | 13188 |
| 13189 | 13190 | 13191 |
| 13192 | 13193 | 13194 |
| 13195 | 13196 | 13197 |
| 13198 | 13199 | 13200 |

TELLITE HILL

Creighton

Creighton



Sept 18 1971

| | | | |
|-------|-------|-------|-------|
| 15670 | 15471 | 12001 | 12000 |
| 15671 | 15472 | 12002 | 12001 |
| 15672 | 15473 | 12003 | 12002 |
| 15673 | 15474 | 12004 | 12003 |
| 15674 | 15475 | 12005 | 12004 |
| 15675 | 15476 | 12006 | 12005 |
| 15676 | 15477 | 12007 | 12006 |
| 15677 | 15478 | 12008 | 12007 |
| 15678 | 15479 | 12009 | 12008 |
| 15679 | 15480 | 12010 | 12009 |

| | | | |
|-------|-------|-------|-------|
| 15658 | 15659 | 15660 | 15661 |
| 15659 | 15660 | 15661 | 15662 |
| 15660 | 15661 | 15662 | 15663 |
| 15661 | 15662 | 15663 | 15664 |
| 15662 | 15663 | 15664 | 15665 |
| 15663 | 15664 | 15665 | 15666 |
| 15664 | 15665 | 15666 | 15667 |
| 15665 | 15666 | 15667 | 15668 |
| 15666 | 15667 | 15668 | 15669 |
| 15667 | 15668 | 15669 | 15670 |
| 15668 | 15669 | 15670 | 15671 |
| 15669 | 15670 | 15671 | 15672 |
| 15670 | 15671 | 15672 | 15673 |
| 15671 | 15672 | 15673 | 15674 |
| 15672 | 15673 | 15674 | 15675 |
| 15673 | 15674 | 15675 | 15676 |
| 15674 | 15675 | 15676 | 15677 |
| 15675 | 15676 | 15677 | 15678 |
| 15676 | 15677 | 15678 | 15679 |
| 15677 | 15678 | 15679 | 15680 |
| 15678 | 15679 | 15680 | 15681 |
| 15679 | 15680 | 15681 | 15682 |
| 15680 | 15681 | 15682 | 15683 |
| 15681 | 15682 | 15683 | 15684 |
| 15682 | 15683 | 15684 | 15685 |
| 15683 | 15684 | 15685 | 15686 |
| 15684 | 15685 | 15686 | 15687 |
| 15685 | 15686 | 15687 | 15688 |
| 15686 | 15687 | 15688 | 15689 |
| 15687 | 15688 | 15689 | 15690 |
| 15688 | 15689 | 15690 | 15691 |
| 15689 | 15690 | 15691 | 15692 |
| 15690 | 15691 | 15692 | 15693 |
| 15691 | 15692 | 15693 | 15694 |
| 15692 | 15693 | 15694 | 15695 |
| 15693 | 15694 | 15695 | 15696 |
| 15694 | 15695 | 15696 | 15697 |
| 15695 | 15696 | 15697 | 15698 |
| 15696 | 15697 | 15698 | 15699 |
| 15697 | 15698 | 15699 | 15700 |

Creek

Moskogan



Connors Drilling Ltd.

Subsidiary of
Bow Valley Industries Ltd

205
201 - 1201 WEST PENDER STREET, VANCOUVER, B.C. CANADA V6E 2V2
AREA CODE 604/683 - 2222

Job 22-704

Chatham Resources Ltd.
560 Cedarbridge Way
Richmond, B.C.

INVOICE NO:

7252

DATE:

November 2, 1976

SURFACE DIAMOND DRILLING
SOUTH OF KELOWNA, B.C.
OCTOBER 16 - 25, 1976

DRILLING FEE

D.D. Hole #3 0' - 183' 183' @ 6.00 1,098.00

FIELD COST WORK

October 16 - 25, 1976 (8 shifts)

71 shift hours @ 53.00 3,763.00

14 travel time @ 14.00 196.00 3,959.00

DEMOBILIZATION (Travel Time)

October 25, 1976 2 men - 8 hours 16 hours @ 17.00 272.00
5,329.00

TRUCKING COSTS To be invoiced when received.



Connors Drilling Ltd.

Subsidiary of
Bow Valley Industries Ltd

201 - 1201 WEST PENDER STREET, VANCOUVER, B.C. CANADA V6E 2V2
AREA CODE 604/683 - 2222

Job 22-704

Chatham Resources Ltd.
560 Cedarbridge Way
Richmond, B.C.

INVOICE NO: 7222
DATE: October 21, 1976

SURFACE DIAMOND DRILLING
SOUTH OF KELOWNA, B.C.
OCTOBER 1 - 15, 1976

DRILLING FEE

| | | | |
|--------------|------------|-------------|----------|
| D.D. Hole #1 | 40' - 210' | 170' | |
| 2 | 0' - 225' | 225' | |
| | | <u>395'</u> | @ 6.00 |
| | | | 2,370.00 |

FIELD COST WORK

| | | | |
|----------------------|-----------|---------------|----------|
| October 1 - 15, 1976 | 13 shifts | | |
| 131 shift hours | @ 53.00 | 6,943.00 | |
| 26 travel time | @ 14.00 | <u>364.00</u> | 7,307.00 |

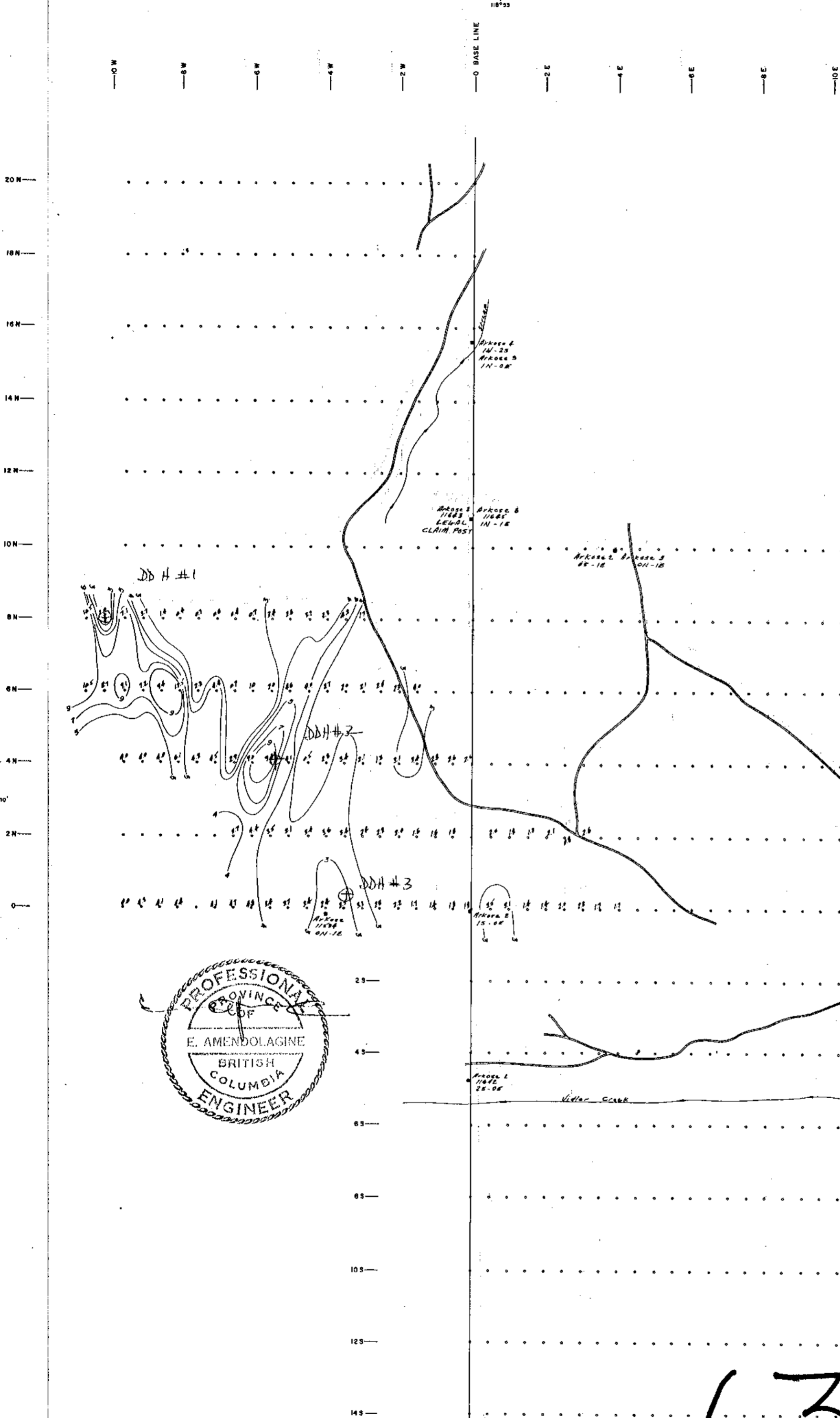
MOBILIZATION (Trucking & hotel)

| | | | |
|--------------------|-----------------------------|--------------|--------|
| L & D Petch | Inv. #19041 (copy attached) | 384.00 | |
| Four seasons Motel | Inv. #17569 " " | <u>19.60</u> | 403.60 |

CORE BOXES SUPPLIED

| | | | | |
|----|------------------|-----------------|--------------|------------------|
| 25 | NQ core boxes | @ 3.50 | 87.50 | |
| | | | 7% tax | 6.13 |
| | | | | <u>93.63</u> |
| | Freight on above | (copy attached) | <u>15.35</u> | 108.98 |
| | | | | <u>10,189.58</u> |

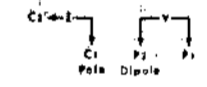
5329
Total 15,517.58



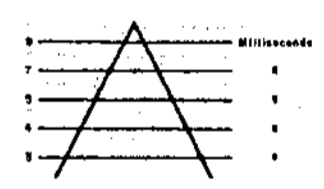
LEGEND

- Contour Line, Contour Interval: 3, 4, 5, 7, 9 Milliseconds
- Station
- Outline of Claims
- Claim Post
- Supposed Bank

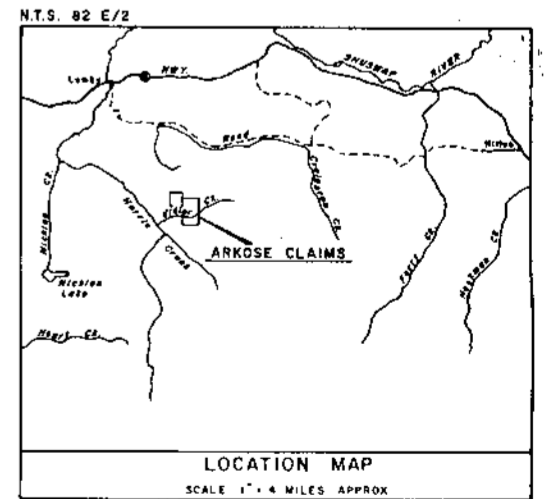
INSTRUMENT HUNTREC 2.5 KW TIME DOMAIN (a=80 Metres)



CHARGEABILITY KEY



MINERAL RESOURCES BRANCH
ASSESSMENT REPORT
NO. **6376**



6376

CHATHAM RESOURCES LTD.
ARKOSE CLAIMS
VERNON MINING DIVISION - BRITISH COLUMBIA
GEOPHYSICAL MAP
INDUCED POLARIZATION
PERCENT CHARGEABILITY (Milliseconds)

| |
|------------------------|
| Interpreted by: G.E.W. |
| Drawn by: G.E.W. |
| Checked by: G.E.W. |
| Date: JULY 16, 1978 |
| FIG. No. 2-A |

Glen E. White
geophysical consulting
services Ltd.

To Accompany Geophysical Report on
THE ARKOSE CLAIM GROUP
Date: *September 1978*
By GLEN E. WHITE - G.E.W. GEOPHYSICIST