520508

# BASSETT CREEK PROPERTY

## GEOLOGY AND GEOCHEMISTRY

## BASSETT CREEK #1-#3 MINERAL CLAIMS

## CARIBOO MINING DIVISION

## NTS 93A/7W AND 93A/2W

## LATITUDE 52° 14'N LONGITUDE 120° 47'W

DATES OF WORK: Oct. 1 - Dec. 15, 1983

OWNER E & B EXPLORATIONS INC.

OPERATOR JMT SERVICES CORP.

WRITTEN BY GORDON G. RICHARDS, P.Eng.

DATE March 9, 1984.

## INTRODUCTION

The claims cover the contact areas between andesite breccias, tuffs and flows to the west of probably Jurassic age and black phyllites to the east of probable Upper Triassic age. The black phyllites are similar in age and appearance to the Eureka Resources property some 15 km northeast. An Au-Cu showing with old shafts lies about 500 m northeast of the BASSETT CREEK #1-#3 LCP.

The present work was done to initiate broad scale sampling and mapping of the property in order to define areas of anomalous Au-As geochemistry worthy of more detailed work. A total of 212 samples were collected, of which 38 were rock chips, 2 were stream sediments and 172 were soil samples. Further work is required to complete the initial phase of examination and detailed sampling, and mapping is required in the southeast portion of BASSETT CREEK #3.

## LOCATION AND ACCESS

The property is located 30 km east of Horsefly, B.C., northeast of Elbow Lake. Access can be made by paved road to Horsefly and then by good gravel road 30 km east to the turnoff to McKinley Lake and then 15 km around the south shore of Elbow Lake to Bassett Creek. Another 5 km east is the Crooked Lake-Hendrix Lake road which can be driven either north to the Horsefly River and then west to Horsefly or else, south to Hendrix Lake, Eagle Creek, Forest Grove and 100 Mile House. An old logging road south of Bassett Creek, overgrown with alders, provides easy walking access to this part of the property.

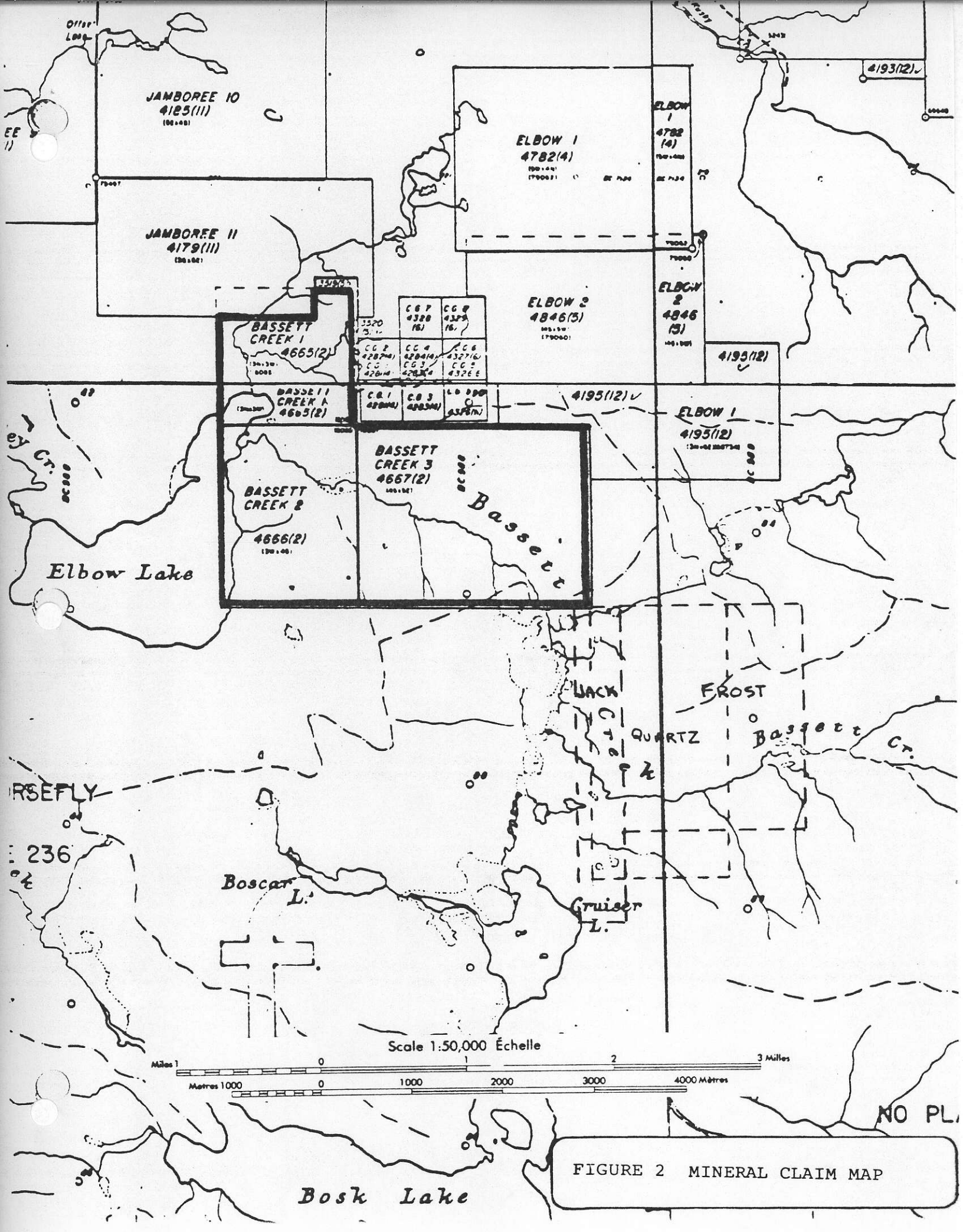


FIGURE 2 MINERAL CLAIM MAP

MINERAL CLAIMS

The property consists of the three claims listed below:

| Name | Units | Record No. | Record Date | Owner |
|---|---|---|---|---|
| BASSETT CREEK #1 | 9 | 4665(2) | Feb. 25/84 | E & B EXPLORATIONS INC. |
| BASSETT CREEK #2 | 12 | 4666(2) | Feb. 25/84 | E & B EXPLORATIONS INC. |
| BASSETT CREEK #3 | 20 | 4667(2) | Feb. 25/84 | E & B EXPLORATIONS INC. |

GEOLOGY

The western two-thirds of the property is underlain by andesite breccia, tuffs and chlorite schists. Andesite breccia and massive andesite is by far the most abundant component of this unit and typically contain 5% hornblende needles. North of McKee Lake the andesite is locally flooded with epidote and fracture epidote is also common although sulphide content is absent or very low. Near the road junction 500 m southwest of the LCP zones of pyrite with traces of chalcopyrite were noted but not sampled nor mapped.

East of the andesite and possibly in fault contact with it are monotonous black phyllites best seen as angular rubble along the main road in BASSETT CREEK #3 but also seen as individual outcrops to the north. Some of the angular rubble in the road cut contains small (1 mm) knots of ankerite or some other iron carbonate.

GEOCHEMISTRY

The geochemical sampling described in this report was undertaken to initiate broad scale sampling in the hope of locating areas worthy of more detailed mapping and sampling. The sample locations and results are shown on Figure 3. Rock chip samples were taken where appropriate

from outcrops and float containing quartz and/or sulphide mineralization. Rock chip samples were made from 3 to 10 rock chips small enough to fit into standard gusset kraft sample bags. Soil samples were collected on 50 m intervals from the B Horizon with a metal scoop. Stream sediments were collected from active silt with a scoop. Gold and arsenic geochemical analyses were done on the minus 80 mesh fraction by Chemex Labs Ltd., 21 Brooksbank Avenue, North Vancouver, B.C., using the following procedures:

| | |
|---|---|
| Gold | Neutron Activation Analysis |
| Arsenic | Atomic Absorption |

Results indicate a large area in the southeast corner of BASSETT CREEK #3 that contains numerous samples anomalous for gold and/or arsenic. Values in excess of 9 ppb Au and 30 ppm As are considered moderately anomalous and those in excess of 49 ppb Au and 100 ppm As highly anomalous. The lack of anomalous gold and arsenic north of the road cut and gaps in the anomalous patterns along the road cut may be real or may reflect low values collected from masking overlying tuffs.

## CONCLUSIONS AND RECOMMENDATIONS

The property is underlain by andesite to the west and black phyllite to the east, similar in appearance and age to the Eureka Resources property 15 km northeast. This similarity is enhanced by anomalous gold geochemistry in soils over part of the black phyllite.

The initial phase of mapping and sampling over the whole of the property should be completed and a detailed soil sampling grid should be

done in the southeast quarter of BASSETT CREEK #3. Trenching and/or percussion drilling could then be considered for this area of the property.

Respectfully submitted,

Gordon G. Richards, P.Eng.

# BASSETT CREEK PROPERTY

Cariboo Mining Division
South Central British Columbia

## OPERATOR

Geo-ex Resources Ltd.

March, 1983

E & B Inc. Staff

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(A) Report on the Bassett Creek Property
(G. Richards - February 16, 1983)

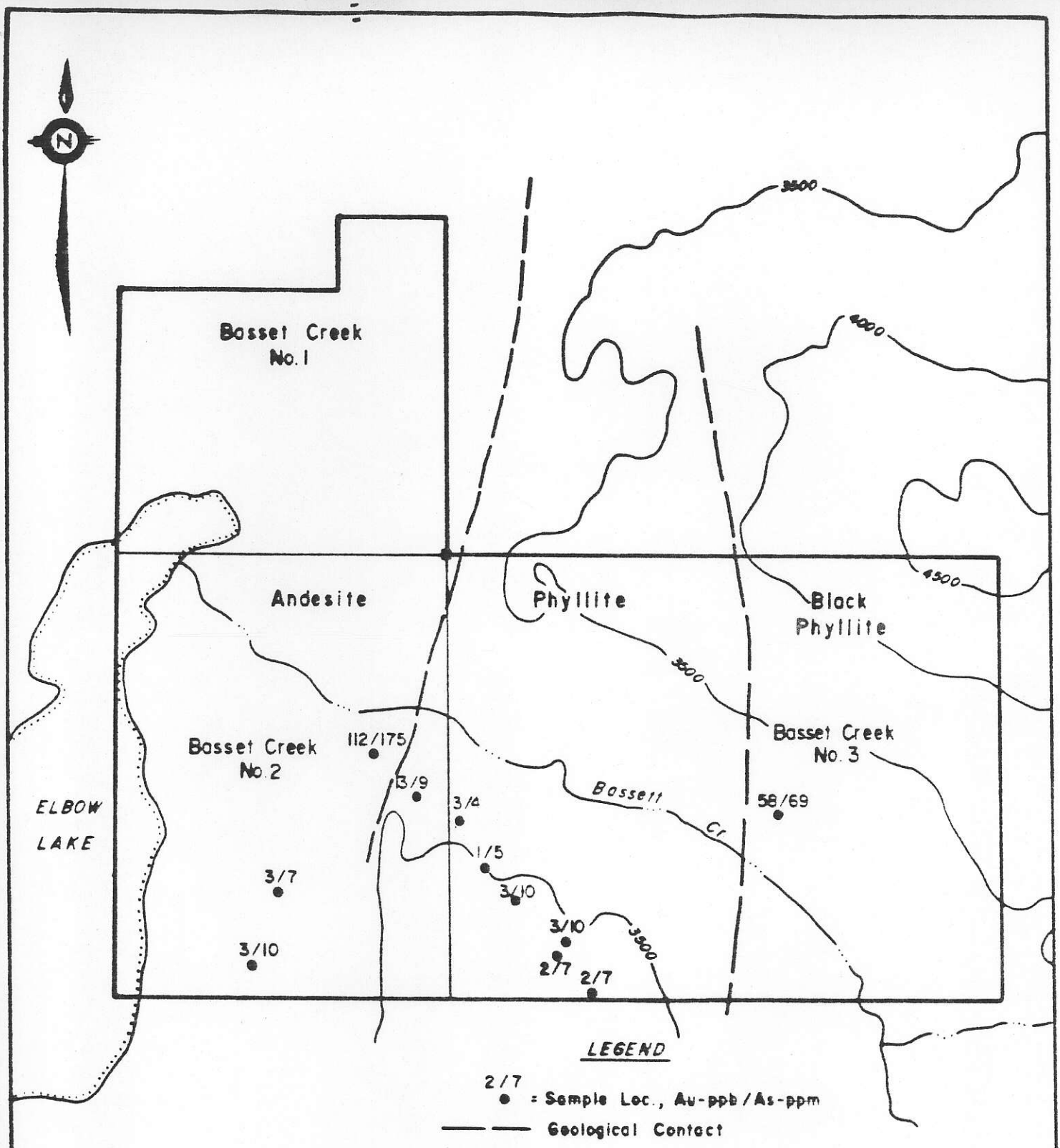
(B) Prospectus Summary (J. DeLeen - March, 1983)

# PROJECT SUMMARY

## PROJECT SUMMARY

| | |
|---|---|
| **Project:** | **BASSETT CREEK PROPERTY** |
| **Commodity:** | Gold (Au) |
| **Location:** | 67 kilometers southeast of Likely, B.C. |
| **Holdings:** | 3 claims totalling 41 units (1025 hectares). |
| **Previous Work:** | Reconnaissance geological mapping and a rock/soil geochemical survey were carried out in 1982. |
| **Work Planned:** | A three phase work program is planned for 1983. The two initial phases will consist of additional staking followed by detailed mapping and sampling with I.P. surveys conducted over selected areas. The third phase will comprise either trenching or percussion drilling depending on overburden thickness in target areas. |
| **Summary Statement:** | Two strongly anomalous arsenic-gold soil samples were collected in the area of an old Au-Cu showing near the same contact that is mineralized further north on the JAMBOREE claims. Four two-post claims owned by other parties lapse in April 1983 and four more lapse in June 1983. The ground covered by these claims should be staked if they expire. |

HOLDINGS




BASSETT CREEK CLAIMS

# Au/As GEOCHEM. & GENERAL GEOLOGY

Scale = 1: 25,000

# R E P O R T

on the

# BASSETT CREEK PROPERTY

NTS 93A/7W and 93A/2W

prepared for

E & B EXPLORATIONS INC.

by

Gordon G. Richards, P.Eng.
JMT Services Corp.

February 16, 1983

## SUMMARY AND RECOMMENDATIONS

Two strongly anomalous arsenic-gold soil samples were collected in the area of an old Au-Cu showing near the same contact that is mineralized further north on the JAMBOREE claims. Four two-post claims owned by other parties lapse in April 1983 and four more lapse in June 1983. The ground covered by these claims should be staked if they expire. The following budget is proposed.

| | | |
|---|---|---|
| PHASE I | Stake 60 units | $ 4,200 |
| | Geological mapping and geochemical sampling | 20,000 |
| PHASE II | Detailed mapping and sampling | 15,000 |
| PHASE III | Percussion drilling and/or trenching | 35,800 |
| | TOTAL | $75,000 |

## LOCATION AND ACCESS

The property is located 30 km east of Horsefly, B.C. northeast of Elbow Lake. Access can be made by paved road to Horsefly and then by good gravel road 30 km east to the turnoff to McKinley Lake and then 15 km around the south shore of Elbow Lake to Bassett Creek. Another 5 km east is the Crooked Lake-Hendrix Lake road which can be driven north to the Horsefly River and then west to Horsefly or south to Hendrix Lake, Eagle Creek, Forest Grove and 100 Mile House. An old logging road provides four wheel drive access to McKee Lake and an old logging road south of Bassett Creek, overgrown with alders, provides easy walking access to this part of the property.

## MINERAL CLAIMS

The following claims in the Cariboo Mining Division form the property. Record numbers have not yet been received from the Mining Recorder. All claims are owned by K. W. Livingstone, a principal of JMT Services Corp.

| | |
|---|---|
| BASSETT CREEK #1 | 9 units |
| BASSETT CREEK #2 | 12 " |
| BASSETT CREEK #3 | 20 " |

## GEOLOGY

The most abundant rock type is a hornblende andesite to andesite breccia occurring in the west half of the property. Grey phyllites are in contact to the east which in turn are in contact with black phyllites in the eastern half of BASSETT CREEK #3 mineral claim. Very intense epidote flooding of andesite is common which locally contain 1 - 5% pyrite ± chalcopyrite. Quartz veinlets are not common but do occur in the phyllites An old Au-Cu showing is located near McKee Lake on the B.C. Dept. of Mines mineral inventory map.

## GEOCHEMISTRY

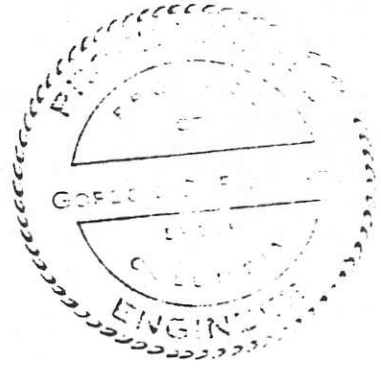
Two soil samples anomalous for gold and arsenic (R1668 175 ppm As and 112 ppb Au; R1709, 69 ppm As and 58 ppb Au) were collected near Bassett Creek. R1668 was collected near pyrite mineralized andesite breccia and R1709 was collected on black phyllite.

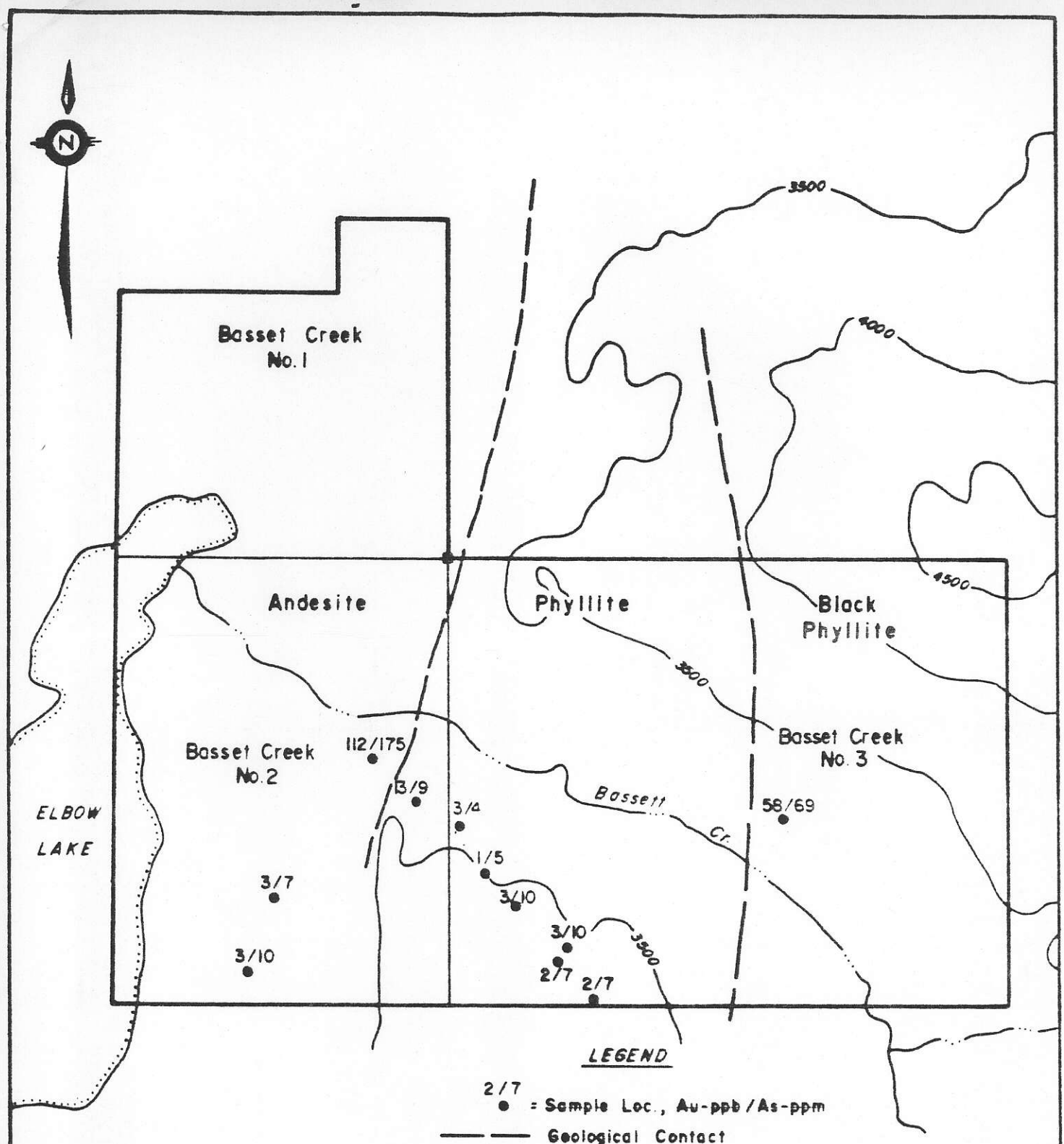
I, Gordon G. Richards, of Richmond, British Columbia, do hereby certify that:

1. I am a Professional Engineer of the Province of British Columbia residing at 6195 Lynas Lane, Richmond, B.C. V7C 5A1
2. I am a graduate of the University of British Columbia, B.A. Sc. 1968, M.A.Sc. 1974.
3. I have practised my profession as a mining exploration geologist continuously since 1974.
4. This report is based on my personal knowledge of the district, and field work conducted by myself and Mr. W. A. Howell.
5. I am a 50% shareholder of a British Columbia Corporation that owns a 3.75% Net Proceeds Interest and 2.50% Working Interest in the Property.
6. I consent to the use of this report in, or in conjunction with, a prospectus, or a statement of material facts, relating to the raising of funds for this project.

DATED at Vancouver, British Columbia this seventeenth day of February, 1983.

Gordon G. Richards, P.Eng.






BASSETT CREEK CLAIMS

# Au/As GEOCHEM. & GENERAL GEOLOGY

Scale = 1: 25,000

# CHEMEX LABS LTD.

212 BROOKSBANK AVE.
NORTH VANCOUVER, B.C.
CANADA V7J 2C1
TELEPHONE (604) 984-0221
TELEX 043-52597

• ANALYTICAL CHEMISTS • GEOCHEMISTS • REGISTERED ASSAYERS

RECEIVED NOV 22 1982

## CERTIFICATE OF ANALYSIS

TO : JMT SERVICES CORPORATION

8827 HUDSON STREET
VANCOUVER, B.C.
V6B 4N1

ATTN: G. RICHARDS

CERT. # : A8214310-003-A
INVOICE # : I8214310
DATE : 22-NOV-82
P.O. # : NONE
MIXON - HENDRIX

| Sample description | Prep code | AS ppm | Au FAA ppb | | | | |
|---|---|---|---|---|---|---|---|
| 82R - 1668 | 201 | 175 | 112 | -- | -- | -- | -- |
| 82R - 1669 | 201 | 9 | 13 | -- | -- | -- | -- |
| 82R - 1670 | 201 | 4 | 3 | -- | -- | -- | -- |
| 82R - 1671 | 201 | 5 | 1 | -- | -- | -- | -- |
| 82R - 1672 | 201 | 10 | 3 | -- | -- | -- | -- |
| 82R - 1674 | 201 | 7 | 2 | -- | -- | -- | -- |
| 82R - 1675 | 201 | 10 | 3 | -- | -- | -- | -- |
| 82R - 1678 | 201 | 7 | 2 | -- | -- | -- | -- |
| 82R - 1679 | 201 | 10 | 3 | -- | -- | -- | -- |
| 82R - 1681 | 201 | 39 | 3 | -- | -- | -- | -- |
| 82R - 1682 | 201 | 22 | 22 | -- | -- | -- | -- |
| 82R - 1684 | 201 | 7 | 1 | -- | -- | -- | -- |
| 82R - 1685 | 201 | 16 | 1 | -- | -- | -- | -- |
| 82R - 1686 | 201 | 235 | 1 | -- | -- | -- | -- |
| 82R - 1687 | 201 | 11 | <1 | -- | -- | -- | -- |
| 82R - 1688 | 201 | 14 | <1 | -- | -- | -- | -- |
| 82R - 1690 | 201 | 14 | <1 | -- | -- | -- | -- |
| 82R - 1691 | 201 | 7 | <1 | -- | -- | -- | -- |
| 82R - 1692 | 201 | 9 | 6 | -- | -- | -- | -- |
| 82R - 1694 | 201 | 3 | 4 | -- | -- | -- | -- |
| 82R - 1695 | 201 | 4 | 2 | -- | -- | -- | -- |
| 82R - 1696 | 201 | 3 | <1 | -- | -- | -- | -- |
| 82R - 1697 | 201 | 4 | <1 | -- | -- | -- | -- |
| 82R - 1698 | 201 | 4 | 3 | -- | -- | -- | -- |
| 82R - 1699 | 201 | 4 | 52 | -- | -- | -- | -- |
| 82R - 1700 | 201 | 3 | 2 | -- | -- | -- | -- |
| 82R - 1701 | 201 | 6 | 2 | -- | -- | -- | -- |
| 82R - 1702 | 201 | 7 | 4 | -- | -- | -- | -- |
| 82R - 1703 | 201 | 5 | 1 | -- | -- | -- | -- |
| 82R - 1704 | 201 | 5 | <1 | -- | -- | -- | -- |
| 82R - 1705 | 201 | 5 | 2 | -- | -- | -- | -- |
| 82R - 1706 | 201 | 6 | 1 | -- | -- | -- | -- |
| 82R - 1707 | 201 | 10 | 3 | -- | -- | -- | -- |
| 82R - 1708 | 201 | 7 | 3 | -- | -- | -- | -- |
| 82R - 1709 | 201 | 69 | 58 | -- | -- | -- | -- |

82-204-10263

# GEOLOGY AND GEOCHEMISTRY OF THE

## JAMBOREE PROPERTY
JAMOBREE #1-7, LONGHAIR #1-8
YUKON JACK #1-8 MINERAL CLAIMS
CARIBOO MINING DIVISION
NTS 92A/7W
LATITUDE 52°19'N LONGITUDE 120°52'W
DATES OF WORK: May 27, 1981 - March 25/82


BY Gordon G. Richards, P.Eng.
W. A. Howell, B.Sc.

OPERATOR E & B EXPLORATIONS INC.
#1440 - 800 West Pender
Vancouver, B.C.

CONTRACTOR JMT SERVICES CORP.
8827 Hudson Street
Vancouver, B.C.


SUBMITTED March 25, 1982

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| FIGURE 4 | " " | " |
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## INTRODUCTION

The Jamboree #1-6, Longhair #1-8, and Yukon Jack #1-8 mineral claims were located following the release of geochemical data by the Provincial Government on May 26, 1981.

The data indicated a large area to be anomalous for arsenic. While no gold results were included in the released data, the claims were staked in the hope that the arsenic anomalies might be coincident with a gold system.

Following the staking, reconnaissance soil and silt samples were collected and analyzed for Au and As. Results indicated the existence of a coincident gold-arsenic anomaly trending northwest. Gold results were particularly encouraging as soils ranged up to 1090 ppb Au within concise anomalous patterns. Subsequent soil and silt sampling was undertaken during August to limit the size and extent of the anomaly. This work indicated the northwest trending anomaly was much longer than previously suspected and re-emphasized the strong gold geochemical response within the anomaly. One soil near Doreen Creek ran 3670 ppb Au.

The Jamboree #7-#17 were staked in late October to cover the geochemical extensions. Additional sampling was done following this staking to limit the southwest extent of the anomaly. A total of 394 soil, 66 silt and 14 rock chip samples were collected.

## LOCATION AND ACCESS

The claims lies south of Horsefly Lake near the confluence of McKusky Creek and Horsefly River 85 km east of Williams Lake. The property is accessible by good logging roads to several points throughout the claim area. Logging is active and will probably improve the already excellent access.

## TOPOGRAPHY AND VEGETATION

Elevations on the property range from 3000 '(915 m) along Horsefly River and McKusky Creek to 5855' (1785m) at the northwest end of the property. Smaller hills rise to 5600' (1710 m) in the centre of the claims and 4270' (1300 m) in the southeast end of the property. Much of the lower slopes have been logged. South of Horsefly River, logging is recent with easily traversable slash. Elsewhere, mature spruce-cedar forests have sparse underbrush although several hillsides have old burns that are difficult to traverse.

# JAMBOREE

## PROPERTY LOCATION MAP

SCALE

| | | | |
|---|---|---|---|
| Prepared by / Drawn by | Date / Revised | NTS MAP AREA | DRAWING No |

FIG. 1

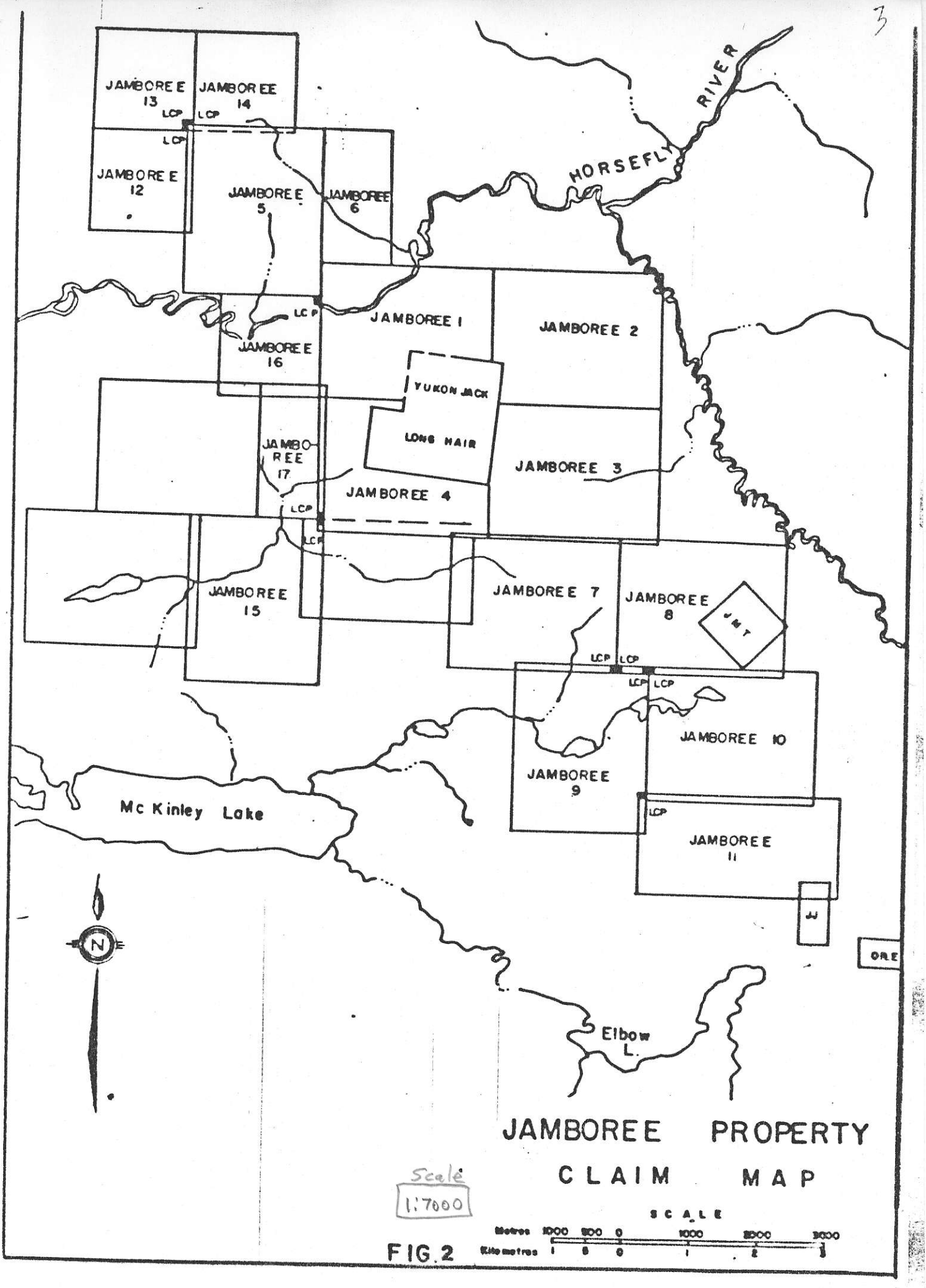
JAMBOREE 13
JAMBOREE 14
JAMBOREE 12
JAMBOREE 5
JAMBOREE 6
JAMBOREE 16
JAMBOREE 1
JAMBOREE 2
YUKON JACK
LONG HAIR
JAMBOREE 17
JAMBOREE 4
JAMBOREE 3
JAMBOREE 15
JAMBOREE 7
JAMBOREE 8
JAMBOREE 10
JAMBOREE 9
JAMBOREE 11
LCP
HORSEFLY RIVER
Mc Kinley Lake
Elbow L.
N
JAMBOREE PROPERTY
CLAIM MAP
Scale
1:7000
SCALE
Metres 1000 500 0 1000 2000 3000
Kilometres 1 0.5 0 1 2 3

FIG. 2

MINERAL CLAIMS

| CLAIM NAME | UNITS | RECORD # | RECORD DATE | OWNER |
|---|---|---|---|---|
| JAMBOREE #1 | 20 | 3783 (6) | June 24/81 | G. G. Richards |
| #2 | 20 | 3784 (6) | " | " |
| #3 | 20 | 3785 (6) | " | " |
| #4 | 20 | 3786 (6) | " | " |
| #5 | 20 | 3787 (6) | " | " |
| #6 | 8 | 3788 (6) | " | " |
| #7 | 20 | 4176 (11) | Nov. 26/81 | " |
| #8 | 20 | 4177 (11) | " | " |
| #9 | 20 | 4178 (11) | " | " |
| #10 | 20 | 4185 (11) | " | " |
| #11 | 18 | 4179 (11) | " | " |
| #12 | 9 | 4180 (11) | " | " |
| #13 | 9 | 4181 (11) | " | " |
| #14 | 9 | 4186 (11) | " | " |
| #15 | 20 | 4182 (11) | " | " |
| #16 | 9 | 4183 (11) | " | " |
| #17 | 8 | 4184 (11) | " | " |
| 2-POST CLAIMS | | | | |
| LONGHAIR #1-8 | 8 | 3767-74 (6) | June 24/81 | " |
| YUKON JACK #1-8 | 8 | 3775-82 (6) | " | " |
| TOTAL | 258 units | | | |

GEOLOGY

Phyllitic argillaceous sediments, some conglomerate and sandstone form outcrops in creeks and roadcuts. Quartz veins lying within and also crosscutting schistosity were noted within the gold-arsenic anomalous zone in the creek near R701. Sulphide forms up to 3% of rock volume within this anomalous zone.

A colour anomaly coincident with the greater than 30 ppm As zone in the northwest portion of the claims is due to ankeritic carbonate alteration and low sulphide (1%) mineralization with local mariposite and silicification. Float near the offset lake anomalous samples contained a noticeable fraction of subangular quartz-carbonate-sulphide float. Several two-post mineral claims at the south end of the claim block cover a gold bearing quartz vein that has been prospected intermittently over the past 50 years.

A strong northwest trending mineralized structure is suggested on the basis of anomalous geochem patterns, topography, the colour anomaly described above, and a known gold prospect. Other anomalous

geochem west of the above structure is probably related to other structures. Geological data is sparse at this time and, for convenience, is depicted on the Geochemical Plan, Figs 3,4, & 5.

GEOCHEMISTRY

Widespread geochem lines have been completed on part of the property in order to define areas requiring detailed mapping and sampling. Sampling was completed by geologists and experienced geo-technicians.

Soil samples were collected from pits 15-25 cm deep dug with the aid of a hand pick. About 300 grams of "B" horizon soil or the best approximation available was collected from each pit using a stainless steel spoon or scoop and transferred to a gussetted kraft paper sample bag which was appropriately identified.

Silt samples were collected where available, on streams or drainages traversed or crossed by traverse lines. 300 - 500 grams of active silt was collected using a stainless steel spoon or scoop and transferred to an appropriately marked gussetted kraft sample bag. Where sediments were of a coarse nature, a correspondingly larger sample was collected so as to ensure an adequate supply of fine material for analysis.

Rock chip samples were usually 300 to 500 grams in size and typically consisted of several (three to five or more) rock chips from an outcrop. Where systematic outcrop sampling has been done the weight and number of chips is often larger over specific intervals.

Silts and soils were dried and seived and the -80 mesh fraction, or a portion of it, retained for analysis.

Rock chip samples were crushed and pulverized with a portion of the -100 mesh product retained for analysis.

Arsenic determinations were made using perchloric-nitric acid digestion followed by a standard atomic absorption hydride finish.

Gold determinations were made using a fire assay preconcentration followed by neutron activation analysis.

Arsenic and gold values obtained from 474 soil and silt samples and a few rock chips are shown on Figs. 3, 4, 5. There is a good correlation with highly anomalous geochemical values and the infered structural

mineralized zone associated with rusty soils.

Although incomplete, this survey has outlined a large anomalous arsenic pattern with several contained zones of highly anomalous gold.

## DISCUSSION OF RESULTS

The surveys are as yet incomplete and much of the property remains to be evaluated geochemically and geologically. The work to date has been successful in indicating a strong northwest trending anomaly giving rise to gold in soils as high as 3670 ppb within concise anomalous pattern. Arsenic appears to have a spatial relationship to the gold as would be expected.

## CONCLUSIONS AND RECOMMENDATIONS

Strongly anomalous arsenic-gold geochem patterns are developed over quartz-carbonate-sulphide altered metasediments. Total length of the geochem patterns might be 15km. Some of the known anomalies project onto open ground.

The following 2-phase programme is recommended.

### PHASE I

a) Stake more claims

b) Complete reconnaissance style geochem lines in order to outline areas for detailed surveys

c) Do detailed mapping and sampling in areas of anomalous gold-arsenic geochem to find drill targets

### PHASE II

Percussion drill on basis of (c) above

Respectfully submitted

G. G. Richards, P.Eng.

W. A. Howell, B.Sc.

# STATEMENT OF COSTS
## JAMBOREE PROPERTY

| | | | |
|---|---|---|---|
| TIME | | | |
| J.S. Christie | Aug 9, 10 | 2 days @ $300 | $ 600.00 |
| G.G.Richards | Dec 22,23 | 2 days @ $300 | 600.00 |
| | June 3,4 | 2 days @ $300 | 600.00 |
| | Oct 21,22,23,26(½),27 | 4½ days @ $300 | 1,350.00 |
| W.A.Howell | Oct. 27 | 1 day @ $200 | 200.00 |
| P. Stuart | June 3,4, | 2 days @ $100 | 200.00 |
| S. Courte | Oct 27,June 3,4 | 3 days @ $125 | 375.00 |
| M. Hageomoen | Aug 9,10,11(½) | 2½ days @ $100 | 250.00 |
| A. Muir | Aug 9,10,11(½),12(½) | 3 days @ $110 | 330.00 |
| J. Mustard | Aug 9,10,11(½),18(½), June 2 | 4 days @ $100 | 400.00 |
| D. Bennett | June 2 | 1 day @ $100 | 100.00 |
| Domicile | | 18½ mandays @ $45.00 | 832.50 |
| J. S. Christie, expenses | | | -268.90 |
| W. A. Howell, expenses | | | 108.51 |
| G. G. Richards, expenses | | | 390.07 |
| Chemex Labs | #11249 | | 266.20 |
| | #11248 | | 2,930.07 |
| | #3005 | | 2,897.40 |
| | #5048 | | 108.90 |
| | #5047 | | 987.03 |
| | #5049 | | 21.12 |
| Ministry of Finance | #C8686 C8688 | | 83.95 |
| Vancal Reproductions | #20508 | | 55.75 |
| Western Repro | #66542 | | 42.42 |
| Hudson Building Supplies | #32279 | | 439.33 |
| B.D.C. | #520079 | | 6.47 |
| Q.C.Helicopters | #3584 | | 1,894.20 |
| | #3586 (pro rata) | | 623.70 |
| P.W.A. freight | #6495F " " | | 29.72 |
| | #5883F " " | | 47.65 |
| | #6484F " " | | 11.57 |
| | #6566F " " | | 13.45 |
| | #950676 " " | | 83.42 |
| Truck Rental | June 2 - 4 | 3 days @ $50/day | 150.00 |
| | Aug 9-11 | 3 days @ $50/day | 150.00 |
| | Oct 27 | 1 day @ $50/day | 50.00 |
| Mob & Demob (pro rata) | | | 390.00 |
| Report | | | 1,500.00 |
| | | | $19,387.34 |

$3,590.34 to apply to JAMBOREE #5
$8,097.00 to apply to JAMBOREE BLUE GROUP
#7,700.00 to apply to JAMBOREE RED GROUP

## STATEMENT OF QUALIFICATIONS

I. Gordon G. Richards, of Vancouver, British Columbia, do hereby certify that,

1. I am a Professional Engineer of the Province of British Columbia, residing at 6195 Lynas Lane, Richmond, B.C., V7C 3K8.

2. I am a graduate of the University of British Columbia, B.A.Sc., 1968, M.A.Sc.m 1974.

3. I have practised my profession as a mining exploration geologist, continuously since 1968.

4. This report is based on my personal knowledge of the district, and mapping of the geology at the property.

Gordon G. Richards, P.Eng.

## STATEMENT OF QUALIFICATIONS

I, WILLIAM A. HOWELL, do hereby certify that:

1. I am a professional geologist working in British Columbia and residing at 10611 Ainsworth Crescent, Richmond, B.C. V7A 3V5

2. I am a graduate of the University of British Columbia, Bachelor of Science (Geology) 1971.

3. I have been employed in the mineral exploration industry since 1967 and have practiced my profession as a geologist since 1971.

4. I am a member of the Geological Association of Canada.

5. This report is based on my personal knowledge of the district and the mapping and sampling done on the property.

W. A. Howell, B.Sc.

# E & B EXPLORATIONS INC.

by

J.M.T. SERVICES CORP.

## BASSETT CREEK PROPERTY
## GEOLOGY AND GEOCHEMISTRY

**LEGEND**

- OUTCROP PATTERN
- SHEARING ATTITUDE
- BEDDING ATTITUDE
- SOIL SAMPLE
- SILT SAMPLE
- ROCK CHIP SAMPLE
- Z 1599 — SAMPLE NUMBER
- 6/12 — ppb. Au/ p.p.m. As
- 49 p.p.b. Au
- 20 - 49 p.p.b. Au
- 10 - 19 p.p.b.
- 99 p.p.m. As
- 30 - 99 p.p.m. As

**GEOLOGICAL LEGEND**

- 2 — ARGILLITE, TUFFACEOUS ARGILLITE
- 1 — ANDESITE BRECCIA, TUFFS AND CHLORITE SCHISTS

0 50 100 200 300 400 500 meters

1 : 5000

SURVEYED BY HIP CHAIN, COMPASS AND BAROMETER ON 1:50,000 N.T.S. ENLARGEMENT

CLAIM BOUNDARY

IP NOT LOCATED

JJ 4

IP CG 2 / CG 1

L.C.P.

BASSETT CREEK 1

BASSETT CREEK 2

BASSETT CREEK 3

McKee Lake

Bassett Creek

ELBOW LAKE

OLD CLAIM POST MEN CLAIM

CLAIM BOUNDARY

JAMBOREE 13
JAMBOREE 14
JAMBOREE 12
JAMBOREE 5
JAMBOREE 6
JAMBOREE 16
JAMBOREE 1
JAMBOREE 2
JAMBOREE 17
JAMBOREE 3
JAMBOREE 4
JAMBOREE 15
JAMBOREE 7
JAMBOREE 8
JAMBOREE 9
JAMBOREE 10
JAMBOREE 11
SAWLEY CREEK
SILVER
HORSE
DOREEN CREEK
DOREEN LAKE
McKINLEY LAKE
McKINLEY CREEK
OFFSET LAKE
ELBOW LAKE
CROOKED LAKE
GOODSONS BROTHERS LOGGING CAMP
CABINS
CLAIM OUTLINE
YUKON JACK 1
YUKON JACK 2
YUKON JACK 3
YUKON JACK 4
LONG HAIR 1
LONG HAIR 2
LONG HAIR 3
LONG HAIR 4
LONG HAIR 5
LONG HAIR 6
LONG HAIR 7
LONG HAIR 8
LCP
10 PPM As
20 PPM As
30 PPM As
10 PPb Au
40 PPb Au
10263

SWAMP (20)
ELBOW 1
ELBOW 2
BASSETT 1
BASSETT 2
BASSETT 3
McKEE LAKE
OLD TRENCH ON QUARTZ VEIN
CHL. SCHIST

>40 ppb Au
>10 ppb Au
>20 ppm As

10 PPb Au
40 PPb Au
20 PPM As
SOIL SAMPLE
SILT SAMPLE
ROCK CHIP SAMPLE
AM 12/15 O 6/-1
SAMPLE No O ARSENIC/GOLD
-1 - MINUS NO'S REPRESENT LESS THAN

MAP SCALE
200 0 200 400 600 M
833 0 833 1666 Ft
NTS 93A/7

| No. | DATE | MADE BY | DESCRIPTION |
|---|---|---|---|
| REVISIONS 1 | | | |
| 2 | | | |
| 3 | | | |
| 4 | | | |
| 5 | | | |
| DATE | DRAWN BY | CHECKED | APPROVED |
| 4,1,82 | J.V. | | |

E & B Explorations Inc.
OFFICE | DEPARTMENT

QUESNEL REGIONAL PROJECT
JAMBOREE PROPERTY
GEOCHEMICAL PLAN
ARSENIC IN PPM. / GOLD IN PPB.
MAP INDEX NUMBER | SCALE 1:20,000 | DRAWING NUMBER 2

FIG.4

inches
centimetres
This reference scale bar has been added to the original image. It will scale at the same ratio as the original and can be used as a reference for the original size.
BRITISH COLUMBIA GEOLOGICAL SURVEY

1:20,000 Scale

CROOKED LAKE

McKEE LAKE

BASSETT CREEK

3500

4000

4500

3000

1800S

2000S

2400S

2600S

3000S

3000E

inches
centimetres

This reference scale bar has been added to the original drawing. When scaling, it will change at the same rate as the image, therefore it is only accurate for reference for the original size.

LEGEND

- SOIL SAMPLE Au-ppb
- ROCK SAMPLE Au-ppb
- TRENCH
- LOGGING ROAD

MAP SCALE

200 0 200 400 600 M.

1" = 1,000

NTS 93A/7

| REVISIONS | No | Date | MADE BY | DESCRIPTION |
|---|---|---|---|---|
| | 1 | Aug./83 | m.k. | |
| | 2 | | | |
| | 3 | | | |
| | 4 | | | |
| | 5 | | | |

| DATE | DRAWN BY | CHECKED | APPROVED |
|---|---|---|---|
| 4, 1, 82 | J.v.V. | | |

E & B Explorations Inc.

| OFFICE | DEPARTMENT |
|---|---|
| | |

MONTE CRISTO RESOURCES LTD.

JAMBOREE PROPERTY

1983 GEOCHEMICAL PLAN
Au-ppb

| MAP INDEX NUMBER | SCALE | DRAWING NUMBER |
|---|---|---|
| EAST SHEET | 1:10,000 | 7-1 |

VANDAL-EP48