# BRITISH COLUMBIA PROSPECTORS ASSISTANCE PROGRAM MINISTRY OF ENERGY AND MINES GEOLOGICAL SURVEY BRANCH

PROGRAM YEAR:1999/2000REPORT #:PAP 99-41NAME:DAN BLOWER

## BRITISH COLUMBIA PROSPECTORS ASSISTANCE PROGRAM PROSPECTING REPORT FORM (continued)

## B. TECHNICAL REPORT - ASHNOLA

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations 15 to 17, page 6.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name	DAN	BL	00	ER
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LOCATION/COMMODITIES

 Project Area (as listed in Part A)
 A SHNOLA
 MINFILE No. if applicable

 Location of Project Area NTS
 92 H/1
 Lat 49°05'N
 Long 120°20'W

 Description of Location and Access
 ADSACENT TO THE SOUTHWEST OF THE JUNCTON OF MEBLINE LK.

 WITH THE UPPER ASANOLA RIVER.
 ACCESS IS VIA THE ASAMOLA RIVER ROAD TO A

 Location Afflox/MATELY 50 K/LOMERTERS FROM KEREMEOS.

 Main Commodities Searched For
 BASE METALS + PRECIOUS METALS

Known Mineral Occurrences in Project Area <u>PREUIOUS PROSPECTING AND LIMITED DRILLING ON THE</u> PRISM, LUCKT BILL + AMBER CLAIMS OBTAINED ANOMILOUS VALUES IN COPPER + MOLTODENUM

WORK PERFORMED	
1. Conventional Prospecting (area) / 2 6	90 HECTARES
2. Geological Mapping (hectares/scale)	V/A
3. Geochemical (type and no. of samples) Rock	SPECIMENS ASSAYED= 21
4. Geophysical (type and line km)	J/A
5. Physical Work (type and amount)	I/ A
6. Drilling (no. holes, size, depth in m, total m)	1/A
7. Other (specify)	
SIGNIFICANT RESULTS Commodities <u>COFIEN</u> , ZINC Location (show on map) Lat. <u>SEE FICURE A</u> Best assay/sample type <u>SAMPLE AS 2 235</u>	Claim Name <u>N/A</u> . Long <u>SEE FIGURE A</u> Elevation <u>SEA FIGURE A</u> S FFM CV ; MI 761 PPM ZN
Description of mineralization, host rocks, anomalies	
SEE ATTACHED	ASHNOLA TECHNICAL SUPPORT REPORT
Supporting data must be submitted with th	AS TECHNICAL KEPUKI

Information on this form is confidential for one year from the date of receipt subject to the provisions of the Freedom of Information Act.

## ASHNOLA TECHNICAL SUPPORT REPORT - 1999 Field Program

## 1/ Introduction

## 1.1 General

This report covers the results of prospecting activities conducted between July 2 to 11/99 and Sept.15 to 21/99. The project area is adjacent to the southwest of the junction of McBride Creek and the upper Ashnola River (see Figure A attached). The area ranges between 4000 and 7000 feet in elevation and topographically is characterized by steep east and north facing slopes adjacent to the Ashnola River and McBride Creek respectively/

A primary goal of the prospecting program was to run various prospecting transects to check for bedrock mineralization that could account for two highly anomalous silt samples obtained at sites along the Ashnola River during the 1981 GSC geochemical reconnaissance sampling program.

## 1.2 Geology Notes

The rocks of the area have been classified as being from the Mesozoic Cretaceous era and are categorized as part of the Kingsvale Group (Geological Survey of Canada, Memoir 242 - Geology of the Princeton Map Area British Columbia, 1947).

The rocks of the project area are predominantly volcanic in origin and rhyolite and andesite porphyries are common rock types. These rocks are in contact with granites and granodorites of the Coast Range Batholith in the west.

## 2. Program and Results

## 2.1 Prospecting

From a base camp in the Ashnola River valley, the prospecting area was traversed on foot from 3 different access points: 1. The base of the steep slopes along the Ashnola River; 2. The cat road that heads south into the prospect area from the lower Mcbride Creek road; and 3. A newly constructed Duruisseau Creek logging road which heads north to culminate on the western plateau portion of the project area.

The prospecting consisted primarily of running various transects over the area and identifying mineralized showings on the widespread rock outcrops in the area. Rock grab samples were taken at various locations for subsequent assay.

### 2.2 Results

Twenty-one rock specimens were identified for assay, the locations where the rocks were collected are shown on Figure A. The corresponding assay results compiled by Acme Analytical Labs are documented on Figures B and C.

Although a number of moderately high anomalous base metal readings were obtained (up to 235 ppm copper and up to 761 ppm zinc), most economic mineral values were low.

## 3. Conclusions

None of the rock sampling results seem to account for the high geochemical silt readings as referenced earlier. In view of the prospecting program results, it is not presently planned to do further prospecting in the project area.



ACME ANALYTICAL LABORATORIES LTD. (ISO 9002 Accredited Co.)

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9 188

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7 71

36

7

533

132

76 <.3

44 <.3

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STANDARD C3

STANDARD G-2

852 E. HASTINGS ST. VANCOUVER BC V6A 1R6

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

В AL

ppm

<3 .30

<3 .34

<3 .31

<3 .29

<3 . 29

<3 .56

<3 .57

<3 .64

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409 <.01

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80 <.01

66 <.01

75 <.01

82 <.01

86 <.01

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17.18

<u>Blower</u>, Dan File # 9902147 1800 Blower St., Campbell River BC V9M 1N9 Submitted by: Dan Blower SAMPLE# Мо Cu ΡЬ Zn Ag Ní Co Mn Fe As U Aυ Ťh. Sг Cd Sb Вi v Сa Ρ La Cr Mq ppm ррп ppm ppm ppm ppm % ppm ppm ppm ppm ppm ppm ppm ppin ngq % ppin ppm % ppm ppm % AS-1 3 -50 5 3 2 .5 26 1.53 <1 61 <8 <2 5 12 <.2 -6 -3 <1 .02 .004 17 10 .01 AS-2 2 235 39 4 2 <.3 3 180 1.15 5 <8 <2 7 19 .3 <3 <3 2 .25 .021 21 15 .07 AS-3 4 90 17 6 <.3 6 <1 45 1.08 14 <8 <2 8 17 <.2 <3 <3 2 .06 .017 21 16 .01 AS-4 3 23 5 11 <.3 5 53 .76 1 19 <8 <2 7 15 <.2 <3 <3 Z .05 .016 18 17 .01 AS-5 4 67 8 98 <.3 5 780 1.61 2 26 <8 <2 8 12 .2 <3 <3 2 .11 .016 23 19 - 02 RE AS-5

24

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2

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ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 2-2-2 HCL-HN03-H2D 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 MASSIVE SULFIDE 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

19 <.2

28 23.3

77 <.2

AU\* - IGNITED, AQUA-REGIA/MIBK EXTRACT, GF/AA FINISHED. (10 gm)

Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

DATE REPORT MAILED: July 20/99 DATE RECEIVED: JUL 12 1999

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779 1.59

420 1.20

842 1.33

783 1.32

886 1.35

800 1.36

11 781 3.28

4 552 2.01

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

Data 🖉 - FA

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716 (ISO 9002 Accredited Co.) GEOCHEMICAL ANALYSIS CERTIFICATE

> Blower, Dan File # 9904777 545 Nore Place, Victoria BC V8Z 2M2 Submitted by: Dan Blower

	ppm	ppm	ppm	ppm	ngq 	ppm	Co PPM	Mn ppm	Fe t	AS mqq	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V mqq	Ca t	P ¥	La Dom	Cr mag	Mgr &	ea maa	Ti ¥	B	A)	Na ¥	ĸ	W	
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GROUP 1D - 0.50 GM SAMPLE LEACHED WITH 3 ML 2-2-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR, DILUTED TO 10 ML, ANALYSED BY ICP-ES. UPPER LIMITS - AG, AU, HG, W = 100 PPM; MO, CO, CD, SB, BI, TH, U & B = 2,000 PPM; CU, PB, ZN, NI, MN, AS, V, LA, CR = 10,000 PPM. ASSAY RECOMMENDED FOR ROCK AND CORE SAMPLES IF CU PB ZN AS > 1%, AG > 30 PPM & AU > 1000 PPB - SAMPLE TYPE: ROCK Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns.

Data WFA

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

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W11	SLIGHTLY SURVACE OXIDIZED FINE GALINBU MEDIUM OR OI
	MINERALIZED BEDROCK CHIPSPSCIMEN ON LOWER NORTH SLOPE
W13	SURFACE OXIDIZED VERY FINE GRAINED LIGHT GREV MIDERALIZED
	FLOAT ROCK GRAB SPECIMED ON NORTH FACINE SLOPE
W15	SORFACE QUIDIZED FILLE GRAINED MEDIUM GREY ANEULOR
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ABBREVIATED FIELD NOTES RE: 21 ROLK SAMPLES COLLECTED FOR ASSAY IN 1999 FIELD PROGRAM.

PAGE 1

<ul> <li>ASI SURFACE OXIDIZED LIGHT BUTT COLOURED COARSE GRAINED FLOAT ROCK GRAB SPECIMEN ON STEEP EAST FROM NULLSIDE</li> <li>AS 2. SURFACE OXIDIZED BEDMON/GREY COLOURED COARSE GRAINED HIMERALIZED BEDROCK CHIP SPECIMEN IN MCBRIDE (K. VALLEY</li> <li>AS 3. HEAVILY SURFACE OXIDIZED LIGHT GREY COARSE CLAINED HIMERALIZED FLOAT ROCK GRAB SPECIMEN UNDERWATER IN MCBRIDE CK. VALLEY</li> <li>AS 4. HEAVILY SURFACE OXIDIZED LIGHT GREY COARSE CLAINED HIMERALIZED FLOAT ROCK GRAB SPECIMEN UNDERWATER IN MCBRIDE CK.</li> <li>AS 4. HEAVILY SURFACE OXIDIZED LIGHT GREY COARSE CRAINED MINERALIZED FLOAT ROCK GRAB SPECIMEN ON STEEP EAST FROM MC SLOPE</li> <li>AS 5. SURFACE OXIDIZED HORBATELY FINE GRAINED HEDIUM GREY MINERALIZED FLOAT ROCK GRAB SPECIMEN ON STEEP EAST FROM SLOPE.</li> <li>AS 6. SURFACE OXIDIZED FINE CARINED HEDIUM GREY MINERALIZED FLOAT ROCK GRAB SPECIMEN AT THE BASE OF A TALVE SLOPE.</li> <li>AS 7. LIGHTLY, SURFACE OXIDIZED FINE GRAINED HEDIUM GREY MINERALIZED MINERALIZED FLOAT ROCK ASTECTAEN DU LUGAR TALVE SLOPE.</li> <li>AS 8. SURFACE OXIDIZED FINE GRAINED HEDIUM GREY HIMERALIZED MINERALIZED FLOAT ROCK ASTECTAEN DU LUGAR TALVE SLOPE.</li> <li>AS 9. SURFACE DXIDIZED FINE GRAINED HEDIUM GREY HIMERALIZED MINERALIZED FLOAT ROCK ASTECTAEN AT THE BASE OF SOUTHERAFT CLOPE</li> <li>AS 9. SURFACE DXIDIZED FINE GRAINED HEDIUM GREY HIMERALIZED MINERALIZED FLOAT ROCK ASTECTAEN AT BASE OF SOUTHERAFT CLOPE</li> <li>AS 9. SURFACE DXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT ACTIVE DATE BASE OF SOUTHERAFT CLOPE</li> <li>AS 9. SLICHTLY, SURFACE DXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT ACTIVES OF A TRUE SLOPE</li> <li>AS 10. SLICHTLY, SURFACE DXIDIZED FINE GRAINED AT BASE OFTALVES SLOPE</li> <li>AS 10. SLICHTLY, SURFACE DXIDIZED FINE GRAINED AT BASE OFTALVES SLOPE</li> <li>AS 10. SLICHTLY, SURFACE DXIDIZED FINE GRAINED AT BASE OFTALVES SLOPE</li> <li>AS 10. SLICHTLY, SURFACE DXIDIZED FINE MAD AT BASE OFTALVES SLOPE</li> </ul>	SAMPLE I	DESCRIPTION
<ul> <li>AS 2 SURFALE OXIDIZED BROWN/GREY COLOURED COARCE GRAINED HINERALIZED BEDROCK CHIP SPECIMEN IN MUDRIDE CK. VALLEY</li> <li>JAS 3 HEAVILY SURFALE OXIDIZED LIGHT GREY COALSE CRAINED MINERALIZED FLOAT ROCK GRAB SPECIMEN UNDERWATER IN MOBRIDE CTS.</li> <li>AS 4 HEAVILY SURFALE OXIDIZED LIGHT GREY COALSE CRAINED MINERALIZED FLOAT ROCK GRAD SPECIMEN ON STEEP EAST FACING SCOPE</li> <li>AS 5 SURFALE OXIDIZED HOUBBRATELY FINE GRAINED MEDIUM GREY MUDRALIZED FLOAT ROCK GRAB SPECIMEN ON STEEP EAST FACING SCOPE</li> <li>AS 6 SURFALE OXIDIZED HOUBBATELY FINE GRAINED MEDIUM GREY MUDRALIZED FLOAT ROCK GRAB SPECIMEN AN STEEP EAST FACING SLOPE.</li> <li>AS 6 SURFALE OXIDIZED FINE GRAINED HEDIUM GREY MUDRAULERD FLOAT ROCK GRAB SPECIMEN AT THE DAVE OF A TALVS SLOPE.</li> <li>AS 7 LIGHTLY SURFALE OXIDIZED MODERNTELY FINE GRAINED LIGHTGREY MUDRALIZED FLOAT ROCK GRAB SPECIMEN ON LUMAR TALVS SLOPE.</li> <li>AS 8 SURFALE ØXIDIZED FINE GRAINED HEDIUM GREY MUDRAULER MUDRALIZED FLOAT ROCK FASHECIMEN AT THE BASE OF A TALVS SLOPE.</li> <li>AS 9 SURFALE ØXIDIZED FINE GRAINED HEDIUM GREY HUMBRALIZED FLOAT ROCK CHIP SPECIMEN AT BASE OF SOUTHERST SLOPE</li> <li>AS 9 SURFALE ØXIDIZED FINE GRAINED HEDIUM GREY HUMBRALIZED BEDROCK CHIP SPECIMEN AT BASE OF SOUTHERST SLOPE</li> <li>AS 9 SURFALE ØXIDIZED FINE GRAINED HEDIUM GREY HUMBRALIZED FLOAT LY SURFACE ØXIDIZED FINE GRAINED HEDIUM GREY MINERALIZED FLOAT ROCK AND STEED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT AFR BASE OF SOUTHERST SLOPE</li> <li>AS 9 SLICHTLY SURFACE ØXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT AFR BASE OF SOUTHERST SLOPE</li> <li>AS 10 SLICHTLY SURFACE ØXIDIZED FINE GRAINED AT BASE OFTALVS SLOPE</li> <li>AS 10 SLICHTLY SURFACE ØXIDIZED FINE FRANCE AT BASE OFTALVS SLOPE</li> <li>AS 10 SLICHTLY SURFACE ØXIDIZED FINE FRANCE AT BASE OFTALVS SLOPE</li> <li>AS 10 SLICHTLY SURFACE ØXIDIZED FINE FRANCE FLOAT FREY MINERALIZED FLOAT AFRE BEDROCK CHIP SPECIMEN AT BASE OFTALVS SLOPE</li> </ul>	ASI	SURFACE OXIDIZED LIGHT BUFF COLOURED COARSE GRAINED FLOAT ROCK GRAB SPECIMEN ON STEEP EAST FROMD NILLSIDE
<ul> <li>AS 3 HEAVILT SURFACE ONIDIZED LIGHT GREY COARSE CRAINED MINERALIZED FLOAT ROCK GRAB SPECIMEN UNDERWATER IN MOBRIDE CH.</li> <li>AS 4 HEAVILY SURFACE ONDIZED LIGHT GREY COARSE CRAINED MINERALIZED FLOAT ROCK GRAB SPECIMEN ON STEEP EAST FACING SLOPE</li> <li>AS 5 SURFACE OXIDIZED HOUGHATTOLY FINE GRAINED MEDIUM GREAT MINERALIZED FLOAT ROCK GRAB SPECIMEN ON STEEP EAST FACING SLOPE</li> <li>AS 6 SURFACE OXIDIZED FINE CRAINED HEDIUM GREAT MINERALIZED FLOAT ROCK GRAB STECTAR AT THE BASE OF A TALVS SLOPE.</li> <li>AS 7 LIGHTLY SURFACE OXIDIZED FINE GRAINED HEDIUM GREAT MINERALIZED FLOAT ROCK AND AT THE BASE OF A TALVS SLOPE.</li> <li>AS 8 SURFACE OXIDIZED FINE CRAINED HEDIUM GREAT MINERALIZED GRAB MINERALIZED FLOAT ROCK AND STEEP FACTORS SLOPE.</li> <li>AS 7 LIGHTLY SURFACE OXIDIZED MODERNIELY FINE GRAINED LIGHTCREY MINERALIZED FLOAT ROCK AND LOWAR TALVS SLOPE.</li> <li>AS 8 SURFACE OXIDIZED FINE GRAINED HEDIUM GREAT HIMERALIZED FLOAT ROCK CHIP SPECIMEN AT BASE OF SOUTHEAST CLOPE</li> <li>AS 9 SLILMTLY SURFACE DXIDIZED FINE GRAINED MEDIUM GREAT MINERALIZED FLOAT ROCK AND STEEP FINE ORAINED MEDIUM GREAT MINERALIZED FLOAT AGE AND SPECIMEN AT BASE OF SOUTHEAST CLOPE</li> <li>AS 9 SLILMTLY SURFACE DXIDIZED FINE GRAINED MEDIUM GREAT MINERALIZED FLOAT AGE AND SPECIMEN AT BASE OF TALVS SLOPE</li> <li>AS 10 SLICHTLY SURFACE DXIDIZED FINE GRAINED MEDIUM GREAT MINERALIZED FLOAT AGE AND SPECIMEN AT BASE OF TALVS SLOPE</li> <li>AS 10 SLICHTLY SURFACE DXIDIZED FINE GRAINED MEDIUM GREAT MINERALIZED FLOAT AGE AND SPECIMEN AT BASE OF TALVS SLOPE</li> <li>AS 10 SLICHTLY SURFACE DXIDIZED FINE GRAINED AT BASE OF TALVS SLOPE</li> <li>AS 10 SLICHTLY SURFACE DXIDIZED FINE WARD AT BASE OF TALVS SLOPE</li> </ul>	Asz	SURFALE OXIGIZED BROWN/GREY COLOURED COARLE GRAINED MINEAULIZED BEPROCH CHIP SPECIMEN IN MUBRIDE (K. VALLISY
<ul> <li>ASA HEAVILY SURFACE OXIDIZED LIGHT GREY COARSE CRAINED MINERALIZED FLOAT ROCK GRAGE OXIDIZED HIDEANTOLY FINE GRAINED MEDIUM GREY ASS SURFACE OXIDIZED MIDEANTOLY FINE GRAINED MEDIUM GREY MINERALIZED FLOAT ROCK GRAB SPECIAL ON ON STEEP EAST FACING SLOPE.</li> <li>ASG SURFACE OXIDIZED FINE GRAIDS PEDIUM GREY MINERALIZED FLOAT ROCK GRAB SPECIAL AND MEDIUM GREY MINERALIZED FLOAT ROCK GRAB SPECIAL ANT THE DASE OF A TALUS SLOPE.</li> <li>AST LIGHTLY SURFACE OXIDIZED MODERNTELY FINE GRAINED LIGHTGREY MINERALIZED FLOAT ROCK ASSIECT AND ALLOWER TALUS SLOPE.</li> <li>ASS SURFACE OXIDIZED FINE GRAINED MEDIUM GREY HIMBRALIZED FLOAT ROCK GRAB SPECIAL AND ALLOWER TALUS SLOPE.</li> <li>ASS SURFACE OXIDIZED FINE GRAINED MEDIUM GREY HIMBRALIZED BEDROCK CHIP SPECIMEN AT BASE OF SOUTHEAST SLOPE ASS SURFACE DXIDIZED FLOAT AGE SPECIMEN AT BASE OFTAUS SLOPE ASS SURFACE DXIDIZED FLOAT AGE SPECIMEN AT BASE OFTAUS SLOPE ASS SURFACE DXIDIZED FLOAT AGE AND FINE GRAINED MEDIUM GREY MINERALIZED FLOAT AGE AND SPECIMENT AT BASE OFTAUS SLOPE ASS SURFACE DXIDIZED FLOAT AGE AND FILLE AT GREY MINERALIZED FLOAT AGE AND SPECIMENT AT BASE OFTAUS SLOPE ASS BEDROCK CHIP SURFACE OXIDIZED FINE GRAINED MEDIUM FROM FILLET GREY MINERALIZED FLOAT AGE AND SPECIMENT AT BASE OFTAUS SLOPE ASS BEDROCK CHIP SURFACE OXIDIZED FINE GRAINED MEDIUM FROM FILE SLOPE ASS BEDROCK CHIP SURFACE OXIDIZED FINE FOR AND AT BASE OFTAUS SLOPE ASS BEDROCK CHIP SURFACE OXIDIZED FINE FOR AND AT BASE OFTAUS SLOPE ASS DLICHTLY SURFACE OXIDIZED FINE FOR AND AT BASE OFTAUS SLOPE ASS DLICHTLY SURFACE OXIDIZED FILE FOR AND AT BASE OFTAUS SLOPE ASS DLICHTLY SURFACE OXIDIZED FILE FOR AND AT BASE OFTAUS SLOPE ASS DLICHTLY SURFACE OXIDIZED FILE FOR AND AT BASE OFTAUS SLOPE ASS DLICHTLY SURFACE OXIDIZED FILE FOR AND AT BASE OFTAUS SLOPE ASS DLICHTLY SURFACE OXIDIZED FILE FOR AND AT BASE OFTAUS SLOPE ASS DLICHTLY SURFACE OXIDIZED FILE FOR AND AT BASE OFTAUS SLOPE ASS DLICHTLY SURFACE OXIDIZED FILE FOR AND AT FOR AND A FILE FOR AND AT FOR AND AT FOR AND AT FOR</li></ul>	AS 3	HEAVILY SURFACE OXIDIZED LIGHT GREY COARSE GRAINED MINERALIZED FLOAT ROCK GRAB SPECIMEN UNDERWATER IN MCBRIDE CK.
<ul> <li>ASS SURFACE OXIDIZED MODERATION FINE GRAINED MEDIUM GREY MINERALIZED FLOAT ROCK GRAB SPECIALAM ON STEEP BAST FACING SLOPE.</li> <li>ASG SURFACE OXIDIZED FINE GRAINED HEDIUM GREY MINERALIZED FLOAT ROCK GRAB SPECIALAN AT THE DASE OF A TALVS SLOPE.</li> <li>AST LIGHTLY SURFALIE OXIDIZED MODERATELY FINE GRAINED LIGHTGREY MINERALIZED FLOAT ROCK ASPECIAL DU LOWAR TALVS SLOPE.</li> <li>AST LIGHTLY SURFALIE OXIDIZED MODERATELY FINE GRAINED LIGHTGREY MINERALIZED FLOAT ROCK SPECIAL DU LOWAR TALVS SLOPE.</li> <li>AS 8 SURFACE DXIDIZED FINE GRAINED HEDIUM GREY HIMERALIZED BEDROCK CHIP SPECIMEN AT BASE OF SOUTHEAST CLOPE</li> <li>AS 9 SLIGHTLY SURFACE DXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT ACT BASE OF SOUTHEAST CLOPE</li> <li>AS 9 SLIGHTLY SURFACE DXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT ACT BASE OF SOUTHEAST CLOPE</li> <li>AS 9 SLIGHTLY SURFACE DXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT ACT BASE OF SOUTHEAST CLOPE</li> <li>AS 9 SLIGHTLY SURFACE DXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT ACT BASE OF AT BASE OFTAL'S SLOPE</li> <li>AS 10 SLICHTLY SURFACE DXIDIZED FINE FINE FRANKED MEDIUM GREY MINERALIZED FLOAT ACT BASE GRAINED LICHTEREY MINERALIZED FLOAT ACT BASE OFTAL'S SLOPE</li> <li>AS 10 SLICHTLY SURFACE DXIDIZED FINE FUNE FRANKED LICHTEREY MINERALIZED FLOAT ACT ON DIZED FINE FOR AND AT BASE OFTAL'S SLOPE</li> </ul>	AS4	HEAVILY SURFACE OXIDIZED LIGHT GREY CUARLE CRAINED MINERALIZED FLOAT ROCK GRING SPECIMEN ON STEEP EAST FACING SLOPE
AS 6 SURFACE OXIDIZED FINE GRAINED HEDIUM GREY MINERALIZED FLOAT ROCK GRAB STECINEN AT THE BASE OF A TALUS SLOPE. AS 7 LIGHTLY SURFALE OXIDIZED MODERNTELY FINE GRAINED LIGHTGREY MINERHLIZED FLOAT ROCK STECINEN ON LUMER TALUS SLOPE AS 8 SURFACE ØXIDIZED FINE GRAINED HEDIUM GREY HIMERALIZED BEDROCK CHIP SPECIMEN AT BASE OF SOUTHEAST CLOPE AS 9 SLIGHTLY SURFACE ØXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT ROCK AB SPECIMEN AT BASE OFTALUS SLOPE AS 9 SLIGHTLY SURFACE ØXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT AGRED SPECIMEN AT BASE OFTALUS SLOPE AS 10 SLIGHTLY SURFACE ØXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT AGRED SPECIMEN AT BASE OFTALUS SLOPE AS 10 SLIGHTLY SURFACE ØXIDIZED KOR AT BASE OFTALUS SLOPE	ASS	SURFACE OXIDIZED MODERATISLY FINE GRAINED MEDIUM GREY MINERALIZED FLOAT ROCK GRAB SPECIAION ON STEEP EAST FACING SLOPE.
AS7 LIGHTLY SURFACE OXIDIZED MODERNIELY FINE GRAINED LIGHTGREY MINERHLIZED FLOAT ROCK SPECIAIEN ON LUGAR TALUS SLOPE AS 8 SURFACE ØXIDIZED FINE GRAINED HEDIUM GREY HIMERALIZED BEDROCK CHIP SPECIMEN AT BASE OF SOUTHEAST CLOPE AS 9 SLIGHTLY SURFACE OXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT AGE AB SPECIMEN AT BASE OFTALUS SLOPE AS 10 SLIGHTLY SURFACE OXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT AGE AB SPECIMEN AT BASE OFTALUS SLOPE	AS 6	SURFACE OXIDIZED FINE GRAINED HEDIUM GREY MINERALIZED FLOAT ROCK GRAB STECINAN AT THE BASE OF A TALUS SLOPE.
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AS 9 SLIGHTLY SURFACE OXIDIZED FINE GRAINED MEDIUM GREY MINERALIZED FLOAT AGRAD SPECIMEN AT BASE OFTAL'S SLOPE AS 10 SLIGHTLY SURFACE OXIDIZED COARSE GRAINED LIGHT GREY MINERALIZED BEDROCK CHIP SPECIMEN IN VALLEY BOTTOM.	As 8	SURFACE ØXIDIZED FINE GRAINED HEDIUM GREY HIMBRALIZED BEDROCK CHIP SPECIMEN AT BASE OF SOUTHEAST (LOPE
AS 10 SLICHTLY SURFACE OXIDIZED COARSE GRAINED LIGHT GRE? MINERALIZED BEDROCK CHIP SPECIMED IN VALLEY BOTTOM.	AS 9	SLIGHTLY SURFACE OXIDIZED FINE GRAINED MEDIUM GREY MINBRALIZED FLOAT AGRAB SPECIMEN AT BASE OFTAL'S SLOPE
	AS.10	SLICHTLY SURFACE OXIDIZED COARSE GRAINED LIGHT GRE? MINERALIZED BEDROCK CHIP SPECIALE IN VALLEY BOTTOM.
W i SURFACE OXIDIZED COARSE GRAINRO BUFF/GREY MINERALIZED FLOAT GRAB ROCK SPRCIMEN ON EAST FACING TALUS SLOPE	$W_{i}$	SURFACE OXIDIZED COARSE GRAINRO BUFF/GREY MINERALIZED FLOAT GRAB ROCK SPECIMEN ON EAST FACING TALUS SLOPE
W 4 SURFACE ØXIDIZED COARSE GRAINED LIGHT BUFF MINIERALIZAD FLOAT ROCK GRABSPECIMEN ON EAST FACING TALUS SLOPE	W 4	SURFACE ØXIDIZED COARSE GRAINED LIGHT BUFF MINIERALIZAD FLOAT ROCK GRAB SPECIMEN ON EAST FACING TALUS SLOPE

PAGE.03

## BRITISH COLUMBIA PROSPECTORS ASSISTANCE PROGRAM PROSPECTING REPORT FORM (continued)

## B. TECHNICAL REPORT - COTTONWOOD

- One technical report to be completed for each project area.
- Refer to Program Requirements/Regulations 15 to 17, page 6.
- If work was performed on claims a copy of the applicable assessment report may be submitted in lieu of the supporting data (see section 16) required with this TECHNICAL REPORT.

Name	DAN	BLOWER			Referenc	e Number	99/2000 PIIO
LOCATIO	N/COMM	ODITIES					
Project Are	a (as listed	in Part A) Cor	TONWOOD	0	MINFIL	E No. if a	pplicable
Location of	Project Ar	ea NTS	40/8	L	at_ <b>59°2</b>	<u>s'N</u>	Long 130°20'W
Description	of Location	n and Access <u>200</u>	ATION 15	ATROX. 30	KAYS NOR	THWEST	OF CASSIAR B.C.
TOPOLLA	PAY VARIO	is FROM STERP MOS	WTAIN SLOPE	1 TO BLOAD V	ALLEY BO	TTOMS	VEGETATION 16
Plinar 1. Main Comr	<b>- 4 <u>- 578-</u>3</b> nodities Ses	LAME TO ALPINE arched For BAS	. ACCESS I E NETUS	S BY AIRCA	OUS MET	<u>HORSES</u> Tals	<u> </u>
	noantes oer		<u></u>				
Known Min	neral Occur	rences in Project Are	a ZONE	OF COM	ER MINI	SAALIZ	ATION WAS
1DEN	TIFIAD	IN MY 1998	PAOSPECT	TING PROOT	RAM .		
WORK PE	RFORME	D					
1. Conventi	ional Prospe	ecting (area)	2000	HEGTARE	3		
2. Geologic	al Mapping	(hectares/scale)	Ń	1.	_		
3. Geochem	nical (type a	ind no. of samples)	Rock SAMP	LES ANALTIE	v = 32; s	FILT SAF	MELANALMED = 6
4. Geophys	ical (type a	nd line km)	N/	'A			
5. Physical	Work (type	and amount)	N/	A			
6. Drilling (	(no. holes, s	ize, depth in m, total	m)/	<u>'A</u>			
7. Other (sp	ecify)				<u></u>		
SIGNIFIC	ANT RESU	ULTS					
Commoditi	es	Copper, IROP		Claim Name	<u>N/</u>	<u>A</u>	
Location (s	how on map	p) Lat. <u>588 Fil</u>	URE /	Long SE& FI	GURE 1	Elevatio	m <u>SB&amp; FIGORA I</u>
Best assay/s	sample type	- 7532 PPI	1 COPPER	ROCK SA	MILE		
Description	of mineral	ization, host rocks, a	nomalies				
	<u>SE</u>	E ATTACHED	COTTONU	OOD TECHA	NCAL SUL	MORT !	REPORT
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<del></del>		<u>,,</u>	<u></u>				
	<u>.</u>		<u> </u>				
Supporti	ng data n	nust be submitte	a with this T	ECHNICAL	J REPOR	T.	town of Information Act
Information (	on this form is	s confidential for one ye	ir from the date of	f receipt subject to	the provisions	of the Freed	tom of Information Act.



## **COTTONWOOD TECHNICAL SUPPORT REPORT - 1999 Field Program**

## 1 Introduction

## 1.1 General

This report covers the results of prospecting activities conducted between August 3/99 and August 16/99. The project area is centered approximately 4 kilometers west of little Cottonwood Lake (see Figure 1 attached). The area elevation ranges between 1500 and 2500 meters, with steep slopes and rock outcrops widespread in occurrence.

The primary goal of the program was to prospect as much of the area as possible but with some concentration of effort at the location of anomalous copper showings obtained in the 1998 work.

#### 1.2 Geology Notes

Above the valley bottoms rock outcrops are virtually continuous. The rock strata consists of two principle groups: an upper hornfelsic sandstone; and a lower schist, probably of volcano-sedimentary origin. Valley bottoms are filled with recent basaltic flow material.

## 2.Program and Results

### 2.1 Prospecting

Over a period of 14 days the area was systematically prospected by conducting primary traverses along the valley margins, drainage systems, and high ridges. All reddish and stained rock faces were examined wherever considered appropriate.

Mineralized rock specimens and/or representative samples were collected throughout the area traversed. Silt samples were also collected at select locations. A chloritic skarn area where moderately high values in copper were obtained in the 1998 survey was examined in some detail.

#### 2.2 Results

A total of 32 rock specimens/samples and 6 silt samples were selected for assay, the locations of which are shown on Figure 1. The corresponding assay results compiled by Acme Analytical Lab are documented on Figures 2, 3, and 4.

Several of the rocks analyzed in the zone of interest had significantly anomalous values in iron and copper (AZ3, AZ4, BZ9). At a few other locations, significantly anomalous values in other minerals, including cobalt and manganese, were identified. However, most of the rock and silt samples contained low mineral values.

## 3.Conclusions

The area prospected has widespread mineralization, but with the exception of the one zone, most of the area sampled does not appear to be worth following up on. The zone of interest, however, with its high copper/iron values, may have economic development potential. In this regard, follow-up work in an attempt to determine the extent and grade of material at depth appears warranted.

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	(TSO	9002	۵r	rered	ited	Col	

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FIGURE

852 B. HASTINGS ST. VANCOUVER BC V6A 1R6

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

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

AA

Data

GEOCHEMICAL ANALYSIS CERTIFICATE

									<b>Blc</b> 1	<b>wer</b> 800 8	lower	<u>an</u> st.,	Fi Campl	le beil (	# 9 River	902 BC V9	955 9M 1N	5 9											Ľ	Т
SAMPLE#	Ma ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn PP <sup>III</sup>	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	A L %	Na %	К %	- W ppm
AZ-2 AZ-3 AZ-4 AZ-6 AZ-10	1 12 12 4	88 3896 2009 240 93	<3 <3 <3 16 3	44 213 192 129 116	.5 .6 .7 .6 .3	46 45 26 78 126	18 191 51 18 18	966 530 542 487 617	4.13 16.23 14.25 15.45 9.53	4 21 <2 2 <2	<8 <8 <8 <8 <8	<2 <2 <2 <2 <2	<2 <2 2 3 5	325 3 3 14 22	.3 1.5 .6 <.2 <.2	<3 <3 <3 <3 <3	<3 <3 <3 <3	76 272 277 49 159	8.57 .10 .11 .29 .37	.048 .041 .047 .100 .169	1 <1 1 6 15	50 147 150 42 387	3.90 3.19 3.20 .47 1.61	202 60 160 51 521	.08 .09 .25 .09 .19	<3 <3 <3 <3 <3 <3	.70 4.74 4.65 .86 3.82	.03 .01 .01 .03 .01 1	.03 .09 .10 .30 .06	2 <2 <2 4 <2
AZ-11 AZ-12 AZ-13 AZ-14 AZ-15	6 4 1 3	94 69 25 11 202	8 5 3 10 6	89 33 59 10 322	.5 <.3 <.3 <.3 _4	88 25 56 4 34	27 8 13 1 42	668 644 1160 110 1732	5.44 2.47 4.27 1.20 7.94	<2 4 3 <2 7	<8 <8 <8 <8 <8	<2 <2 <2 <2 <2	2 2 2 4 <2	24 7 99 29 64	<.2 .2 <.2 .5 .4	<3 <3 <3 <3 4	<3 <3 <3 <3 <3	159 20 77 16 150	.69 .57 7.41 .24 4.48	.218 .032 .063 .075 .065	9 11 8 8 5	235 26 98 24 45	1.48 .05 .89 .08 3.41	238 127 123 383 32	.21 <.01 <.01 .06 .04	<3 : <3 <3 <3 :	2.22 .25 .57 .30 2.03	.07 <.01 <.01 .03 .01	.97 .10 .03 .21 .01	2 9 2 11 2
AZ-16 AZ-17 BZ-1 BZ-5 BZ-6 、	24 1 2 1 5	115 77 162 184 63	20 8 7 3 7	238 107 48 144 89	1.5 .4 .3 1.0 <.3	63 79 57 58 45	18 27 36 19 18	1383 1486 384 1065 248	3.98 5.32 3.36 10.80 3.04	5 3 <2 <2 <2	<8 <8 <8 <8 <8	<2 <2 <2 <2 <2 <2	4 2 <2 5 3	71 222 26 55 8	1.8 .5 <.2 .9 .3	12 <3 <3 <3 <3	ব্য ব্য ব্য ব্য	284 108 82 140 100	1.24 8.47 1.11 1.60 .25	.112 .119 .101 .473 .117	7 9 5 27 6	140 101 36 94 63	2.50 3.21 .78 1.66 1.11	210 447 40 144 489	. 15 .04 .26 .15 .09	<3 <3 <3 <3 <3 <3	3.27 1.39 1.24 3.92 1.54	. 18 1 . 01 . 10 . 03 . 04	.80 .25 .10 .97 .48	4 <2 3 2 8
BZ-8 RE BZ-8 BZ-10 BZ-12 BZ-14	<1 1 6 7 8	274 261 114 103 210	<3 <3 11 14 4	235 224 167 173 47	.5 <.3 .9 1.4 .7	35 34 123 152 169	41 40 13 11 50	977 929 539 766 220	6.91 6.68 2.28 2.73 4.42	3 2 7 2 <2	<8 <8 <8 <8 <8	<2 <2 <2 <2 <2	<2 <2 5 6 2	9 8 91 53	.3 <.2 1.3 .5 <.2	<3 <3 5 8 4	<3 <3 <3 <3 <3	139 133 59 179 59	.55 .51 .08 .81 2.14	.054 .051 .024 .060 .571	2 3 6 12	119 113 65 128 125	3.50 3.35 1.41 1.53 .98	123 122 209 351 185	.24 .23 .10 .14 .12	<3 <3 <3 <3 <3	3.54 3.37 1.44 2.61 1.39	.05 .05 .04 .29 .07	.05 .05 1.12 1.27 .39	<2 <2 7 6 2
BZ-20 BZ-22 NO SAMPLE NUMBER MH-4 MH-5	7 5 1 7 6	140 64 878 131 33	3 <3 23 49	233 57 73 59 70	.4 <.3 .5 .5 .4	190 26 127 100 67	44 9 73 48 20	854 194 769 5868 8238	5.96 1.60 10.27 4.36 2.61	<2 <2 4 19 16	<8 <8 <8 <8 <8	<2 <2 <2 <2 <2	2 2 6 4 7	19 7 51 48 19	.6 .4 .5 <.2 .2	5 <3 <3 <3 <3	<3 <3 <3 <3 <3	210 17 120 15 29	.74 .22 1.09 .93 .20	.173 .056 .100 .033 .061	7 5 16 14 27	260 28 87 22 42	2.25 .24 1.58 .44 .71	333 449 100 55 43	.28 .04 .27 <.01 .01	ব্য ব্য ব্য ব্য ব্য	3.32 ,42 2.49 .56 1.19	.07 2 .01 .09 <.01 .02	2.52 .13 1.54 .19 .17	5 12 2 7 5
MH-10 MH-11 SL-1 STANDARD C3 STANDARD G-2	2 2 5 28 2	19 35 112 67 3	5 5 38 4	36 50 37 174 43	<.3 <.3 <.3 6.3 <.3	23 50 91 38 8	7 12 19 12 5	1605 1015 316 793 536	3.26 3.03 2.71 3.53 2.08	<2 <2 <2 53 <2	<8 <8 <8 25 <8	<2 <2 <2 3 <2	3 <2 2 23 4	67 178 23 31 92	<.2 .4 <.2 25.3 <.2	<3 7 <3 21 <3	<3 <3 <3 27 <3	33 32 51 85 42	3.03 4.05 .57 .61 .71	.068 .040 .136 .096 .099	11 6 9 21 10	20 47 88 179 77	.32 1.61 .74 .60 .58	242 35 234 160 258	.01 <.01 .10 .09 .13	<3 <3 <3 20 3	.56 .26 .94 1.96 1.17	<.01 <.01 .05 .04 .15	.19 .09 .16 .18 .57	4 3 7 18 2

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 MASSIVE SULFIDE 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 <u>Samples beginning 'RE' are Reruns and 'RRE' are Reject Reruns</u>

DATE REPORT MAILED: Hug 26 99 DATE RECEIVED: AUG 18 1999

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

ACME	ANAL (ISO	YTIC. 9002	AL L Acc	ABOF redi	ATO	RIES Co.	)	D.	{	52 E	. H	ASTI	NGS	ST.	VAN	ICOU	VER	BC	V6Z	1 1 R	6	PI	IONE	(604	) 253	3-31	58 F	'AX ( (	504)	253-	1716	,
										GE	фсн	EMI	CAL	AN	ALY	SIS	CE	RTI	FIC	CATI	Ξ										<b>A</b> <i>A</i>	ι.
										<u>B</u>	<u>low</u> 180	0 Blow	Dai Ver St	<u>n</u> ., Ca	Fil ampbe	.е # П. Ri	99 ver Bi	029 c v9m	156 1N9												Ľ1	
SAMPLE#		Mo	Cu ppm	Pb ppm	Zn ppm	Ag ppni	Ni PPm	Co ppm	Mn ppni	FC %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	v mqq	Ca %	P %	La ppm	Cr ppin	Mg %	Ba ppm	Ti %	B mag	Al %		 К %	W W	Au*
BZ-3 BZ-9 8Z-14 BZ-15		21 1 1	373 7532 513 735	11 <3 4 <3	165 120 21 41	1.0 1.0 .8	120 63 128	31 352 59 38	471 739 317 567	14.29 18.07 7.58	3 11 <2	<8 <8 <8	<2 <2 <2	2 2 <2	7 1 41	<.2 1.2 <.2	3 <3 <3	<3 <3 <3	71 222 93	.17 .02 1.72	.046 .042 .385	4 <1 10	32 146 48	.42 2.76 .51	39 39 41	.06 .03 .19	<3 3 <3	-69 4-36 -46	.02 <.01 .08	.21 .02 .07	11 <2 2	5 112 2
BZ-16A		1	334	4	36	.3	79	39	526	4.61	3	<8	<2 <2	<2 <2	88 61	<.2 <.2	<s 3</s 	<3 <3	121 135	1.94 2.12	.306 .296	6 7	49 95	1.00 1.27	76 115	.18 .21	<3 <3	1.19 1.28	. 14 . 18	.16 .23	<2 2	4 2
RE BZ-16A STANDARD C3	/AU-R	1 25	342 67	<3 38	36 174	<.3 6.3	79 38	40 12	532 793	4.73 3.53	<2 53	<8 25	<2 3	<2 23	62 31	<.2 25.3	4 21	<3 24	136 85	2.16 .61	.300	6 21	97 179	1.28 .60	115 160	.21 .09	<b>&lt;3</b> 20	1.30 1.96	. 18	- 24 - 18	2 18	1 408
DATE	RÈCE:	IVED	ASSAN - SAN <u>Sampl</u> : AU	LEACH / RECO IPLE - IG 18	H IS OMMEN TYPE: eginn 1999	DARTIJ DED FO ROCK <u>ning 'f</u> DA	AL FO OR RO <u>RE' a</u> TTE I	R MN ICK AN AU* - I <u>C R</u> E REPO	FE SR D CORI IGNI <u>runs</u> RT M	CA P L E SAMPI TED, AG and 'RF	LA CR LES I DUA-R R <u>E' a</u> D:	MG BA F CU F EGIA/N <u>re Re</u> My	TIE PBZN MIBKE <u>iectR</u>	3  W Al AS > 2  (XTRA)	ND MA 1%, ct, g <u>s.</u>	SSIVE AG > F/AA SIGN	SULF 30 PPI FINIS JED :	IDE A M & A HED. BY.			D FOR PPB	NA Κ	AND 4 YE, C	LEGN	Э, J.	WANG;	CERT	IFIED	9 B.C.	ASSA	YERS	
All res	sults a	re cor	sider	ed th	e cor	nfiden	itial	ргоре	erty o	fthe	clier	nt. Acı	ne as:	sumes	the	liabi	litie	es for	act	ual c	ost o	f the	anal	vsis (	only.				Data	<u>L</u> .	A	_

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER BC V6A 1R6 PHONE (604) 253-3158 FAX (604) 253-1716 (ISO 9002 Accredited Co.) GEOCHEMICAL ANALYSIS CERTIFICATE **Blower, Dan** File # 9902957 1800 Blower St., Campbell River BC V9M 1N9 . . . . . . . SAMPLE# Mo ΡЬ As U Au Th Sr Cd Sb V Ca Ρ Сr Ba Cu Zn Ag Ni Со Mn Fe Bi La Mg Τi 8 ΑL Na ppm ppm ppm ppm ppm ppm ppm ррп % **PP**M ррт ppm ppm ppm ppm ppm ppm ppm % % ppm ppm % ppm % ppm % % % ppm .87 .215 <2 CS+1 1 145 8 244 .5 254 41 1102 5.13 22 <8 <2 4 41 1.0 3 <3 95 23 157 1.80 476 .08 <3 2.13 .01 .40 CS-2 2 109 9 226 .5 232 38 1141 5.01 16 <8 <2 4 38 1.1 <3 <3 109 .79 .205 23 214 2.06 450 .09 <3 2.21 .01 .38 <2 cs-3 8 <.3 177 26 588 3.30 8 <8 <2 2 26 .2 <3 <3 76 .57 .150 10 <2 1 61 141 241 2.12 181 .08 <3 1.89 .01 .19 CS-4 1 60 7 160 <.3 114 23 671 3.57 10 <8 <2 2 27 <.2 <3 <3 84 .63 .180 10 147 1.72 226 .09 <3 1.87 .01 .26 <2 2 CS-5 1 62 7 156 <.3 66 20 854 3.48 3 <8 <2 26 . Z <3 <3 84 .56 ,087 16 104 1.62 200 .09 <3 2.22 .02 .20 <2 CS-6 > 14 118 12 313 1.1 107 30 1185 2.99 10 <8 <2 4 18 1.7 <3 <3 59 .15 .068 <2 14 52 .85 148 .08 6 3.51 .01 .22 RE CS-6 15 128 11 333 1.2 113 33 1328 3.10 13 <8 <2 4 19 2.1 5 <3 63 .15 .073 14 56 . 88 161 .09 <3 3.77 .01 .23 <2 25 37 179 5.8 57 21 STANDARD C3 66 38 13 814 3.36 3 21 30 25.5 16 22 80 .60 .093 19 173 .61 152 .08 19 1.92 .04 .17 16

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