A REPORT

ON

A GEOCHEMICAL SOIL SAMPLING AND GEOLOGICAL MAPPING PROGRAM

ON THE

CARL CLAIM

IN THE

LILLOOET MINING DIVISION

BRIDGE RIVER DISTRICT

LATITUDE 50 46N LONGITUDE 122 48'W

FOR

AVINO MINES & RESOURCES LTD.
SUITE 400 - 455 GRANVILLE STREEET
VANCOUVER,
B.C. V6C 1T1

BY:
J. MILLER-TAIT, P.GEO.

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SUMMARY & CONCLUSIONS

THE CARL CLAIM IS 9 METRIC UNITS IN SIZE AND IS LOCATED IN THE BRIDGE RIVER DISTRICT OF THE LILLOOET MINING DIVISION. THE CLAIMS ARE OWNED BY AVINO MINES AND RESOURCES LTD. WHO ARE LOCATED AT 400-455 GRANVILLE ST., VANCOUVER.

THE PROPERTY IS LOCATED IMMEDIATELY SOUTH AND ADJOINING THE FAMOUS BRALORNE MINE. IT IS LOCATED ON THE SOUTH SIDE OF CADWALLADER CREEK AND ON THE SOUTH SIDE OF THE IMPORTANT CADWALLADER FAULT WHICH IS A MAJOR STRUCTURAL CONTROL ON THE KING, BRALORNE, AND PIONEER MINES.

THE CARL CLAIM IS UNDERLAIN BY CHERT AND ARGILLITE, GREENSTONE, AND INTRUDED BY SODA GRANITE AND GOLD BEARING QUARTZ VEINS.

THE PROPERTY HAS BEEN PROSPECTED AND WORKED SINCE 1913 TO 1946 UNTIL THE PRESENT WORK COMPLETED IN 1994.

THE PREVIOUS WORK CONSISTED OF PROSPECTING, TRENCHING, TUNNELLING, AND DIAMOND DRILLING.

THE PROPERTY WAS AQUIRED BECAUSE OF THE DISCOVERY OF "NEW" GOLD BEARING VEINS VIRTUALLY IDENTICAL TO THE FAMOUS BRALORNE VEINS ON THE NORTH SIDE OF THE BOUNDING FAULT PACKAGE. THEREFORE IT IS POSSIBLE THAT GOLD BEARING VEINS COULD POSSIBLY EXIST ON THE SOUTH SIDE OF THE BOUNDING CONTROL FAULTS.

HISTORICAL DATA DOCUMENTS SPORADIC TO GOOD VALUES IN THE ALMA TUNNEL ON A PINCHING AND SWELLING QUARTZ VEIN. IN 1994 A GRADER UNCOVERED A GOLD BEARING QUARTZ VEIN IN THE VICINITY OF THE OLD WORKINGS. IT IS UNKNOWN AT THIS TIME IF THE VEIN IN THE UNDERGROUND WORKINGS IS THE SAME AS THE VEIN LOWER ON THE ROAD.

FURTHER EXPLORATION WORK IS RECOMMENDED.

RECOMMENDATIONS & COST ESTIMATES

THE SOIL SAMPLING PROGRAM HAS OUTLINED SEVERAL OVERLAPPING SOIL ANOMALIES IN THE AREA OF THE OLD ALMA ADIT AND THE NEW VEIN EXPOSED IN THE DITCH ALONG THE EAST HURLEY ROAD. THE MAPPING INDICATES THAT THIS AREA IS UNDERLAIN BY THE FAVORABLE SODA GRANITE AND NOT THE SEDIMENTS. TO FURTHER EXPLORE THIS AREA OF THE CLAIM THE FOLLOWING PROGRAM IS RECOMMENDED.

PHASE 1: THE ABOVE MENTIONED ANOMALIES SHOULD BE FURTHER EXPLORED BY USING A LARGE EXCAVATOR, CAT 320 SIZE, TO TRENCH EXPOSING BEDROCK. THE EXCAVATOR WILL BE NEEDED FOR APPROXIMATELY 10 DAYS. THE ESTIMATED COST WOULD BE APPROXIMATELY $20,000.00 INCLUDING GEOLOGICAL SUPPORT ETC..

PHASE 2: THE NEXT PHASE OF EXPLORATION WOULD BE A SURFACE NQ CORE SIZE DIAMOND DRILL PROGRAM. THE SIZE AND COST OF THIS PROGRAM WOULD BE CONTINGENT ON THE RESULTS OF THE TRENCHING PROGRAM.

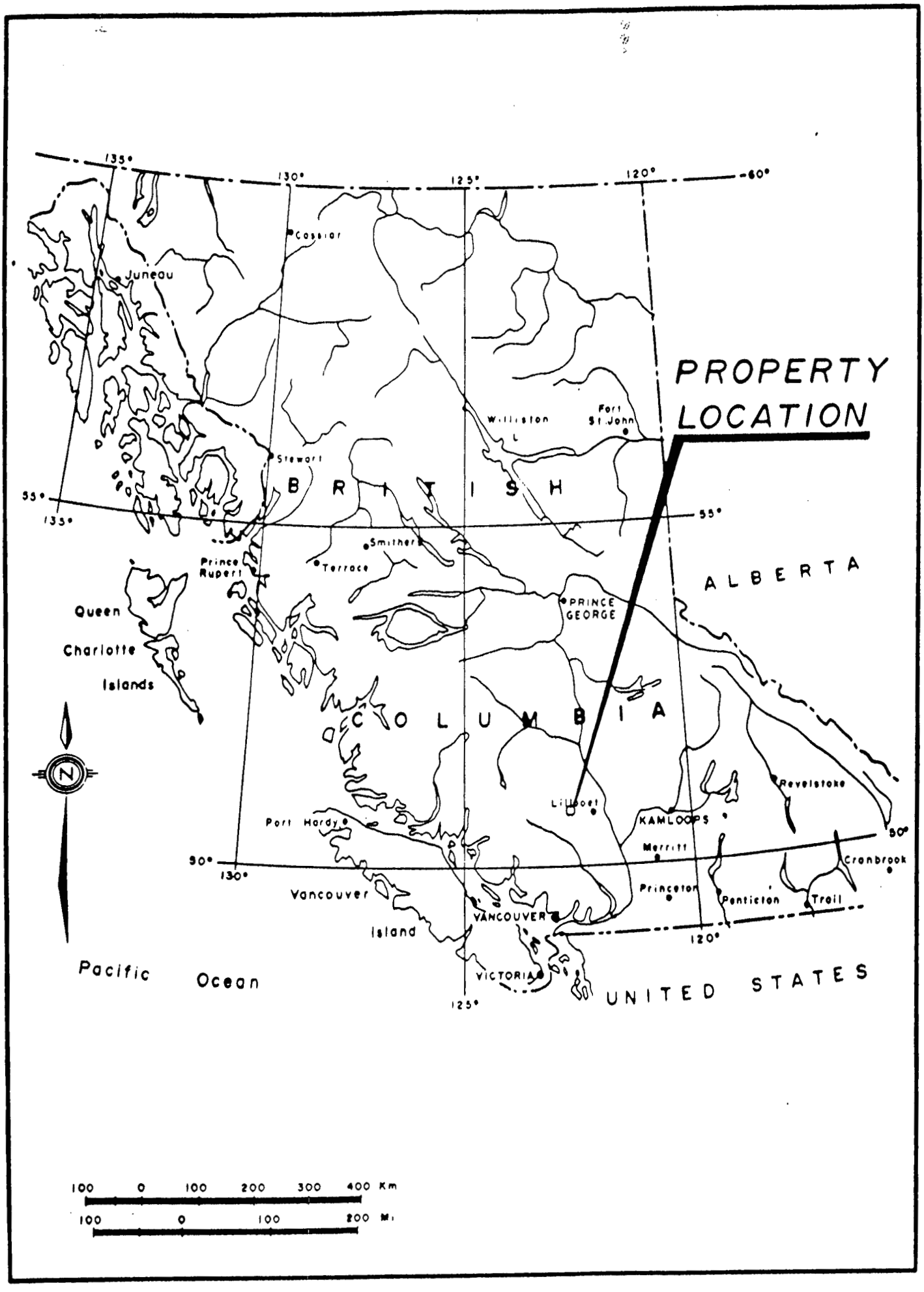
ANOTHER AREA OF INTEREST IS ON THE SOUTH SIDE OF CARL CREEK WHERE AN EXTENSIVE GREENSTONE BELT IS EXPOSED. A PROGRAM OF GEOLOGICAL MAPPING AND SOIL SAMPLING IS RECOMMENDED FOR THIS AREA. THE MAPPING SHOULD BE COMPLETED FIRST TO ELIMINATE SOIL SAMPLING OF EXTENSIVE AREAS OF UNDERLYING CHERT AND ARGILLITE AS THESE HAVE PROVEN TO BE UNFAVORABLE HOST ROCK IN THE BRIDGE RIVER DISTRICT.

INTRODUCTION

THE PURPOSE OF THIS REPORT IS TO DOCUMENT THE EXPLORATION PROGRAM COMPLETED DURING THE MONTHS OF JUNE, JULY, AND AUGUST 1994 ON THE CARL CLAIM. THE CARL CLAIM CONSISTS OF 9 METRIC UNITS LOCATED IN THE LILLOOET MINING DISTRICT IMMEDIATELY SOUTH OF THE BRALORNE MINE SITE, ACROSS CADWALLADER CREEK.

THIS AREA WAS STAKED BECAUSE OF THE POTENTIAL FOR GOLD BEARING QUARTZ VEINS SIMILIAR TO BRALORNE ON THE SOUTH SIDE OF THE CADWALLADER CREEK AND FAULT. THE POSSIBILITY OF ECONOMICAL VEINS BEING FOUND ARE GOOD AS THERE ARE TWO OLD ADITS WITH QUARTZ IN THEIR DUMPS AND ONE VEIN WAS UNCOVERED ON THE MAIN ROAD BY A GRADER ASSAYS 0.28 OZ./TON GOLD OVER A 2 FOOT WIDTH WITH SIMILIAR MINERALOLAGY AND STRUCTURE AS BRALORNE. THE PROPERTY WAS DONE ON IMPERIAL MEASURMENTS AS IT IS TIED INTO THE BRALORNE GRID.

SOIL GEOCHEMICAL SAMPLING AND GEOLOGICAL MAPPING WAS USED AS AN EXPLORATION TOOL AS IT HAS PROVEN TO BE SO SUCCESSFUL IN DISCOVERING GOLD BEARING SYSTEMS IN THE BRIDGE RIVER DISTRICT. THE AUTHOR HAS USED THIS METHOD ON SEVERAL PROPERTIES IN THE VICINITY. THE EXPLORATION GRID WAS ALIGNED AT APPROXIMATE RIGHT ANGLES TO THE VEIN DISCOVERD ON THE MAIN ROAD. THE BASELINE WAS RUN NORTH-SOUTH AND EVERY 300 FEET GRID LINES WERE RUN EAST-WEST. SOIL SAMPLES WERE COLLECTED EVERY 50 FEET FOR A TOTAL OF 500 SAMPLES.


PROPERTY
LOCATION
135°
130°
125°
120°
60°
Cassiar
Juneau
Williston L
Fort St. John
Stewart
B R I T I S H
55°
135°
55°
Smithers
Prince Rupert
Terrace
ALBERTA
PRINCE GEORGE
Queen Charlotte Islands
C O L U M B I A
N
Revelstoke
Lillooet
Port Hardy
KAMLOOPS
50°
Merritt
90°
130°
Cranbrook
Vancouver Island
Princeton
Penticton
Trail
VANCOUVER
120°
Pacific Ocean
VICTORIA
UNITED STATES
125°
100 0 100 200 300 400 Km
100 0 100 200 Mi

LOCATION, ACCESS & TOPOGRAPHY

THE PROPERTY IS LOCATED 100 MILES (160 KMS) DUE NORTH OF VANCOUVER IN SOUTHWESTERN BRITISH COLUMBIA, AND IS CENTERED AT 50' 46' N LATITUDE AND 122' 48' W LONGITUDE. IT IS LOCATED IN THE LILLOOET MINING DIVISION ON N.T.S. MAP SHEET 92-J-15.

ROAD ACCESS IS VIA HIGHWAY 40, ON AN ALL WEATHER GRAVEL ROAD FROM LILLOOET OR SUMMER ACCESS VIA THE HURLEY RIVER FOREST ACCESS ROAD FROM PEMBERTON.

THE PROPERTY IS LOCATED IMMEDIATELY EAST OF THE CONFLUENCE OF THE HURLEY RIVER AND CADWALLADER CREEK, 4.1 MILES (6.6 KMS) ABOVE THE JUNCTION OF THE HURLEY AND BRIDGE RIVERS AT GOLD BRIDGE.

THE AREA IS CHARACTERIZED BY RUGGED MOUNTAIN TERRAIN DEEPLY INCISED BY STREAMS AND RIVERS, TOPPED BY SHARP PEAKS AND SERRATED RIDGES.RELIEF IN THE AREA IS APPROXIMATELY 6.500 FT.(2000 M). THE WINTERS ARE LONG AND COLD WITH HOT, DRY SUMMERS.

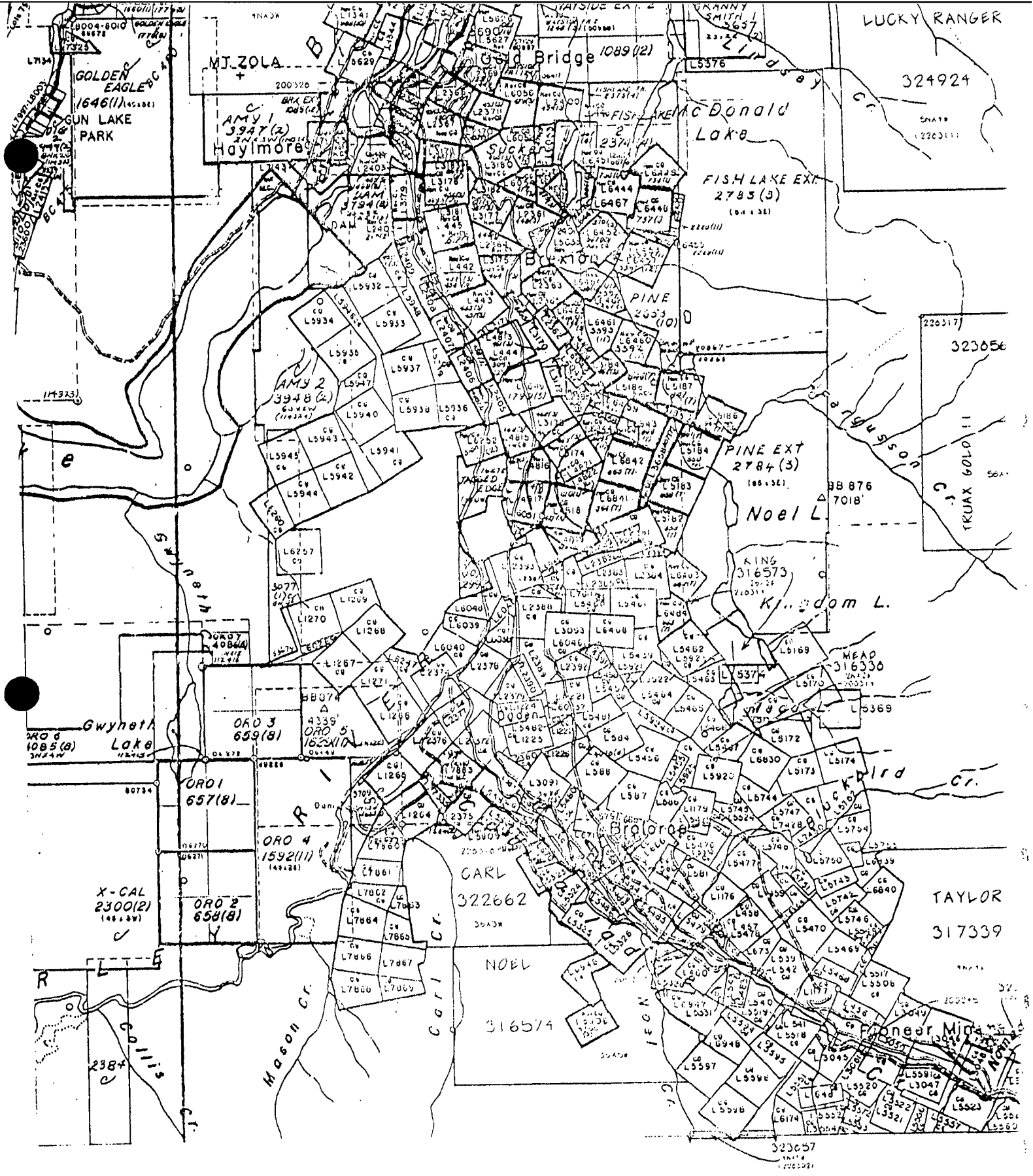
CLAIMS DESCRIPTION

THE PROPERTY CONSISTS OF 1 CLAIM OF 9 UNITS IN THE LILLOOET MINING DIVISION

TENURE NO. 322662 EXPIRY DATE NOVEMBER 11, 1994

THE EXPIRY DATE DOES NOT REFLECT THE CURRENT WORK DONE.

THE CLAIM IS WHOLELY OWNED BY AVINO MINES & RESOURCES LTD.



AVINO MINES & RESOURCES LTD.

CARL CLAIM

LOCATION MAP

SCALE: 1:31680 BY: JMT

DATE: 02/06/1995

MINING HISTORY

THE CARL CLAIM WAS ORIGINALLY COVERED BY A GROUP OF CLAIMS STAKED IN 1913 NAMED THE SILVER BASIN GROUP OWNED AND STAKED BY CARL WIHKSNE AND JOHN BOYD. IN 1922, MEMOIR 130, BY W.S. McCANN DESCRIBES THE ALMA SHOWING WHICH WAS COVERED BY THE NEW ERA CLAIM AS FOLLOWS:

"THE NEW ERA CLAIM IS SITUATED BACK OF AND ABOVE THE BENCH UPON WHICH THE CABIN AND CAMP ARE ERECTED. A TUNNEL, COMMENCED AS A CROSSCUT, BEARING NORTH 42 DEGREES WEST, RUNS FOR 45 FEET TO A POINT WHERE THE VEIN BENDS TO THE EAST AND STRIKES NORTH 10 DEGREES WEST FOR 22 FEET TO THE FACE. THE WALLS ARE PYRITIZED AND WELL DEFINED, HAVING GOUGE MATERIAL ALONG THEM. THE QUARTZ VEIN VARIES IN WIDTH FROM A FEW INCHES TO 2 FEET AND HAS A HANGING-WALL OF ALBITITE PORPHYRY DYKE, WHICH STRIKES WITH THE FORMATION BUT DIPS TO THE EAST IN THE OPPOSITE DIRECTION TO THE SCHISTS. THE PORPHYRY IS TRAVERSED IN PLACES BY STRINGERS OF QUARTZ. THE ORE FROM THE VEIN IS SAID TO AVERAGE $5.50 IN GOLD, THE HIGHEST ASSAY BEING $20. PER TON. A SAMPLE TAKEN BY W.M. BREWER ACROSS 22 INCHES OF ORE IN THE FACE ASSAYED 40 CENTS IN GOLD TO THE TON AND A TRACE OF SILVER"

IN 1933 THE REPORT OF THE MINISTER OF MINES DESCRIBES THE ALMA TUNNEL AND SHOWING AS FOLLOWS:

"THE ALMA TUNNEL WAS ADVANCED FROM 30 FEET TO 120 FEET ON A QUARTZ VEIN VARYING FROM 1 TO 3 FEET IN WIDTH IN DIORITE FORMATION. A LONG TRENCH BELOW THE DUMP EXPOSES A WIDTH OF 500 FEET OF DIORITE. SMALL QUARTZ VEINS IN THE DIORITE MAKE IT WORTH FURTHER EXPLORATION. THE ALMA VEIN STRIKES NORTH-SOUTH (MAG.) AND DIPS 73 DEGREES E."

IN 1937 CAIRNES REPORTS:

"THE ALMA ADIT IS MAINLY A DRIFT ON A STRONG, WELL-DEFINED FAULT-FISSURE STRIKING ABOUT NORTH AND DIPPING 75 DEGREES EAST. THE FISSURE CARRIES A QUARTZ VEIN VARYING FROM A FEW INCHES TO OVER 2 FEET WIDE; ABUNDANT, APPARENTLY SILICIFIED, FRAGMENTS OF WALL-ROCK; AND LOCALLY, MUCH DISSEMINATED PYRITE. THE WALL-ROCKS ARE IN PLACES TRAVERSED BY STRINGERS OF QUARTZ AND ARE SO HIGHLY ALTERED AS TO BE DIFFICULT TO IDENTIFY, BUT ARE , PARTLY AT LEAST THE QUARTZ DIORITE REFERRED TO ABOVE. A LITTLE SCATTERED MARIPOSITE (?) WAS OBSERVED IN THE ALTERED ROCKS NEAR THE VEIN QUARTZ. THE VEIN MATTER CARRIES LOW AVERAGE VALUES IN GOLD, BUT ASSAYS UP TO AN OUNCE A TON HAVE BEEN REPORTED. THE ASSOCIATED QUARTZ DIORITE STOCK IS A FEATURE THAT LENDS SOME ENCOURAGEMENT TO THE FURTHER PROSPECTING OF THIS DEPOSIT"

IN 1946 MINISTRY OF MINES REPORT GRULL-WIHKSNE DID:

"THE COMPANY'S PROPERTY LIES ON BOTH SIDES OF CADWALLADER CREEK NORTH-WEST OF BRALORNE MINE. THE DIAMOND DRILLING PROGRAMME, BEGUN IN 1945 TO EXPLORE THE SODA GRANITE INTRUSIVE ON THE ALMA MINERAL CLAIM, WAS CONTINUED UNTIL THE AUTUMN OF 1946. FOUR MORE HOLES WERE COMPLETED, MAKING A TOTAL FOOTAGE IN 1946 OF 4,964 FEET. THE LAST HOLE WAS JOINTLY FINANCED WITH PINEBRAYLE GOLD MINES, LIMITED, AND WAS DRILLED CLOSE TO THE BOUNDARY OF THE TWO PROPERTIES. TWO OF THE HOLES, 714 FEET AND 1133 FEET IN DEPTH, OBTAINED VEIN INTERSECTIONS AT DEPTH OF 639 FEET AND 654 RESPECTIVELY. ANOTHER HOLE WAS DRILLED TO 1161 FEET AND THE HOLE DRILLED

WITH PINEBRAYLE HAD A DEPTH OF 1956 FEET, WITH A REPORTED 3 FOOT INTERSECTION AT 1413 FEET. THE DIP OF THE HOLES VARIED FROM 30 TO 50 DEGREES. IN MOST OF THE HOLES ALBITIZED SEDIMENTS WERE ENCOUNTERED, THEN SODA GRANITE AND GREENSTONE, WITH THE BOTTOM OF THE HOLES IN SERPENTINIZED GREENSTONE. VEINS INTERSECTED WERE IN THE SODA GRANITE AND GREENSTONE."

REGIONAL GEOLOGY

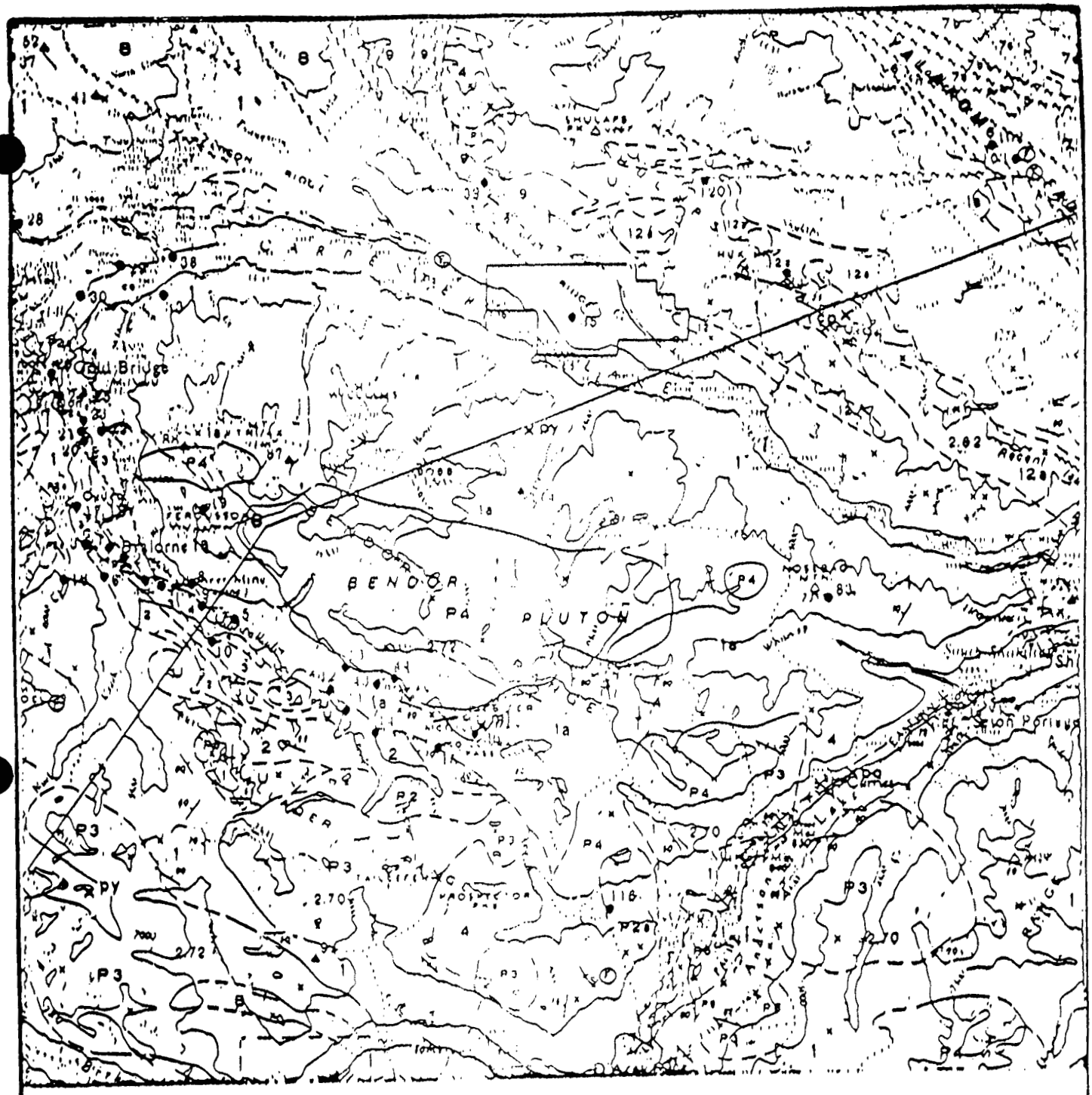
GEOLOGY OF THE BRIDGE RIVER REGION HAS BEEN DESCRIBED BY CAIRNES (1937), RODDICK & HUTCHINSON (1973) AND MORE RECENTLY BY CHURCH (1987) AND LEITCH (1990).

THE BRIDGE RIVER DISTRICT LIES AT THE WESTERN MARGIN OF THE INTERMONTAINE BELT OF VOLCANIC AND SEDIMENTARY ROCKS, WHERE IT ABUTS AGAINST THE COAST PLUTONIC COMPLEX OF PLUTONIC AND METAMORPHIC ROCKS. PERMO-TRIASSIC ARC VOLCANICS AND BACK ARC SEDIMENTS (CADWALLADER AND BRIDGE RIVER GROUPS) ARE INTRUDED BY SYN-VOLCANICS INTERMEDIATE PLUTONS (BRALORNE INTRUSIONS) AND FAULTED AGAINST OPHIOLOTIC ULTRAMAFIC INTRUSIONS (PRESIDENT INTRUSIONS). JURRASSIC AND CRETACEOUS BASINAL SEDIMENTS AND RIFT VOLCANICS (TAYLOR CREEK AND KINGSVALE GROUPS) ARE SEQUENTIALLY INTRUDED BY CREDEOUS AND TERTIARY PLUTONS OF FELSIC COMPOSION (COAST AND BENDOR INTRUSIONS). RELATIVELY FLAT LYING TERTIARY, INTERMEDIATE AND MAFIC VOLCANICS (REXMOUNT PORPHYRY AND PLATEAU BASALT) CAP THE LITHOLOGIC SEQUENCE.

STRATIGRAPHY

THE FOLLOWING TABLE SHOWS THE STRATIGRAPHIC COLUMN AS PRESENTLY KNOWN IN THE BRIDGE RIVER AREA. ON A REGIONAL SCALE THE BRIDGE RIVER GROUP IS EXPOSED MAINLY ALONG THE WIDE AXIAL ZONE OF A BROAD COMPLEX ANTIFORMAL STRUCTURE THAT PLUNGES TO THE NORTHWEST ALONG AN AXIS THAT PASSES THROUGH SHALATH AND TYAUGHTON LAKES AND CONTAINS THE MAIN VALLEYS OF THE BRIDGE RIVER AND SETON LAKE. THE GROUP CONSISTS MAINLY OF THICK SEQUENCE OF THINLY BEDDED CHERT, CHERTY ARGILLITE AND ARGILLITE INTERCALATED WITH ALTERED BASALTIC FLOWS (GREENSTONES) AND MINOR LIMESTONES. ALTHOUGH RECRYSTALLIZATION HAS DESTROYED MOST OF THE FOSSILS IN THE LIMESTONES, ON THE WEST SIDE OF TYAUGHTON CREEK IMMEDIATELY ABOVE THE BRIDGE RIVER ROAD, AN ASSEMBLY OF CONODONTS COLLECTED BY J.W.H. MONGER (1971) IDENTIFIED THE BRIDGE RIVER GROUP AS MIDDLE TRIASSIC.

REGIONALLY THE BRIDGE RIVER GROUP IS OVERLAIN BY NOEL, PIONEER AND HURLEY FORMATIONS. THE NOEL FORMATIONS CONFORMABLY OVERLIES THE BRIDGE RIVER GROUP AND CONSISTS MOSTLY OF GREENSTONES AND WAS SO NAMED BY CAIRNES BECAUSE OF ITS EXTENSIVE OCCURRENCE IN THE WORKING OF THE PIONEER MINE WHERE IT FORMS ON THE PRINICIPAL HOST ROCKS FOR GOLD VEINS. THE HURLEY FORMATION IS ALSO ORIGINALLY NAMED BY CAIRNES FROM TYPE EXPOSURES IN THE HURLEY RIVER CONSISTS ESSENTIALLY OF SEDIMENTS WITH SOME INTERCALATED VOLCANICS. THE SEDIMENTS INCLUDE ARGILLITE, SANDY OR TUFFACEOUS BEDS AND LENSES OF LIMESTONE AND CONGLOMERATE. COMPARED WITH THE SEDIMENTS OF NOEL FORMATION, THE HURLEY SEDIMENT ARE DISTINCTLY LIMEY. MUCH OF THE ARGILLITE CONSISTS OF ZONES 1-2 METERS THICK OF MASSIVE BLACK ARGILLITE ALTERATING WITH ZONE 1-3 METERS THICK OF DARK GREY SLATE AND ARGILLITE. OCCASIONAL LENSES OF LIMESTONE ARE PRESENT.



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GOLDBRIDGE AREA
LILLOOET MINING DIVISION, B.C.

GEOLOGY MAP

DATE:	SCALE: 1 : 250,000	BY: J. M. T.

TABLE 2

STRATIGRAPHIC COLUMN: BRIDGE RIVER AREA

PERIOD	UNIT	LITHOLOGY
UPPER TERTIARY	PLATEAU BASALT	BASALT, RHYOLITE FLOWS, BRECCIAS UNCONFORMABLE CONTACT
LOWER TERTIARY	REXMOUNT PORPHYRY	RHYOLITE, DACITE, ANDEITE, TUFFS FLOWS, PLUGS, UNCONFORMABLE CONTACT
UPPER CRETACEOUS	BENDOR INTRUSTIONS	GRANODIORITE, QUARTZ DIORITE, QUARTZ MONZONITE, INTRUSIVE CONTACT
	PORPHYRY DIKES	QUARTZ, FELSPAR, HORNBLENDE PORPHYRY DIKE, INTRUSIVE CONTACT
	COAST RANGE INTRUSIONS	QUARTZ DIORITE, DIORITE, GRANODIORITE INTRUSIVE CONTACT
	KINGSVALE GROUP	ARKOSE,GREYWACKE,SHALE, CONGLOMERATE, UNCOMFORMABLE CONTACT
LOWER CRETACEOUS	TAYLOR CREEK GROUP	CONGLOMERATE, SHALE, TUFF, BRECCIA UNCONFOMABLE CONTACT
LOWER JURASSIC	UNNAMED SEDIMENTS	ARGILLITE, SHALE, SANDSTONE, LIMESTONE CONGLOMERATE UNCONFORMABLE CONTACT
UPPER TRIASSIC	BRALORNE INTRUSIONS	AUGITE,DIORITE,SODA GRANITE,ALBITITE DIKE, INTRUSIVE CONTACT
	PRESIDENT INTRUSIONS	SERPENTINITE, PERIDOTITE, PYROXENITE, DUNITE, GABBRO FAULT CONTACT
	CADWALLADER GROUP HURLEY FORMATION	LIMEY ARGILLITE, SANDSTONE, CONGLOMERATE LIMESTONE BRENSTONE, TUFF, CHERT
	PIONEER FORMATION	GREENSTONE, BASALT, ANDESITE, FLOWS,TUFFS
	NOEL FORMATION	ARGILLITE, CHERT, CONFLOMERATE, GREENSTONE CONFORMABLE CONTACT
MIDDLE TRIASSIC	BRIDGE RIVER GROUP (ALSO CALLED FERGUSSON	CHERT, ARGILLITE, SILTSTONE, LIMESTONE GREENSTONE, BASALT, METAMORPHIC

LEGEND FROM MAP 13-1973

JURASSIC AND CRETACEOUS
UPPER JURASSIC AND LOWER CRETACEOUS
RELAY MOUNTAIN GROUP

ARGILLITE:GREYWACKE AND PEBBLE CONGLOMERATE

JURASSIC
LOWER JURASSIC

ARGILLITE AND SHALE: MINOR SANDSTONE, LIMESTONE AND PEBBLE CONGLOMERATE

TRIASSIC
UPPER TRIASSIC

ULTRABASIC ROCKS

HURLEY FORMATION: THIN-BEDDED LIMEY ARGILLITE, PHYLITE, LIMESTONE TUFF CONGLOMERATE, AGGLOMERATE, ANDESITE AND MINOR CHERT

PIONEER FORMATION: GREENSTONE DERIVED FROMANDESITIC FLOWS AND PYROCLASTIC ROCKS 3a ANDESITE BRECCIAS, TUFF & FLOWS GREENSTONE:MINOR RHYOLITIC BRECCIA AND FLOWS, SLATE, ARGILLITE, LIMESTONE AND CONGLOMERATE

NOEL FORMATION: THIN-BEDDED ARGILLITE: CHERT, CONFLOMERATE AND GREENSTONE

MIDDLE TRIASSIC AND (?) OLDER
BRIDGE RIVER GROUP(FERGUSON GROUP)
CHERT, ARGILLITE, PHYLITE AND GREEN-STONE, MINOR LINESTONE, SCHIST,
1a METAMORPHOSED ROCK OF MAP-UNIT 1 MAINLY BIOTITE SCHIST

METAMORPHIC AND PLUTONIC ROCKS (MOSTLY OF UNKNOWN AGE)

METASEDIMENTARY ROCKS, MAINLY MICACEOUS QUARTZITE,BIOTITE-HORNE-BLENDE,SCHIST,AN MINOR SCHISTS BEARING GARUET,STAUROLITE AND POSSIBLY SILLIMANITE

GRANITOID GNEISS,MIGNATITC COMPLEXES MINOR AMPHIBOLITE AND BIOTITE SCHIST

GRANITE

QUARTZ MONZONITE

GRANODIORITE, 4a MIAROLITIC GRANODIORITE AND SYENODIROITE

QUARTZ DIORITE

DIROITE,2a,BRALORNE INTRUSTIONS,

PROPERTY LIST

14 ROYAL (AU)
15 STANDARD (AU)
16 SHORT OF BACON (AU)
17 CRULL (AU)
18 SUCCESS (AU)
19 WATERLOO (AU)
20 CALIFORNIA (AU)
21 WHYNOT (AU)
22 GLORY KITTY & JEWESS
23 FORTY THIEVES (AU)
24 ARIZONA (AU)
25 GOLDEN GATE (AU)
26 HAYLMORE (AU)
27 PILOT (AU)
28 B & F (AU)
29 CONGRESS (AU)
30 WAYSIDE (AU)
31 VERITAS (AU)
32 WHITE & BELL (AU)
33 RELIANCE (SB,AU)
34 SPOKANE (AU)
35 SUMMIT (AU)
36 EMPIRE (AU)
37 WIDE WEST
38 STIBNITE (SB)
39 PRIMROSE (AU)
40 BENN EXPL.
41 CHARLOTTE,ANN (Hg)
42 LONDON (Cu,Fe)
43 CHALCO 5 (W. Cu)
44 CHALCO 12 (W, Cu)
46 N.TEXAS,FLO,PEN(Cu,Au,Ag,Fe)
47 APEX (Fe)
48 COPPER QUEEN (Cu, Mo)
49 AZURE (CU)
52 LUCKY STRIKE, RICKY
53 PAUL (HG)
54 OWL CR. B ZONE (Cu,Mo)
55 OWL CR C ZONE (Cu,Mo)
56 EAGLE (Cu,Fe,Zn)
57 LAKE (Cu,Fe, Zn)
58 BOULDER (Cu,Zn,Ag,Fe)
59 MOFFAT(EVA) (Cu,Ag,Zn)
60 COPPER MTN. (Fe,Cu,Zn,Hg)
61 SENECA (Cu,Fe)
62 WONDER (Pb,Zn,Cu)
63 SILVER BELL(Pb,Ag,Au,Cu,Zn)
64 LI-LI-KEL(GRIDIRON)
65 PEMBERTON (Cu)
66 MARGERY(Zn,Fe,Au,Pt)
67 FITZSIMMONS (Cu)
69 OWL MTN (NORTHSTAR) (Au,Ag)
74 CROWN (Ag,Zn,Cu,Pb,Fe)
75 GOLD KING (Ag,Au,Zn,Pb)
76 COUGAR (Fe)
78 INDEX (Mo)
79 SILVER QUEEN (Ag,Pb,Zn)
80 PATRICK (Ag,Pb,Zn)
81 J (Py)
82 GIN (YES)(W,Cu,Zn)
83 LUBRA (FLORA) (W,Mo)
86 STIBNITE (LOST GOLD)(Sb)
87 TRUAX (SPRUCE)(Au,Sb)
88 ROCK (Ag,Sb)
90 RM (Cu)

AUGITE DIORITE, GABORO,MINOR SODA

GABRO

ULTRABASIC ROCKS: SERPENTINE, PERIDOTITE, DUNITE

92 SNO (Cy, Mo)
96 AMPLE(GOLDEN CASHE) (Au)
102 RED EAGLE(Hg)
103 GOLDEN EAGLE (Hg)
114 BENBOE (Au,Ag)
115 BERKLEY VALLEY MINES(Au)
116 GOLDEN CONTACT (BRETT GROUP) (Au)
117 EXCELSIOR(JUMBO)(Cu,Au,Ag)
118 CONGRESS (Au)
119 GOLDEN (Au)
120 YALAKOM (RIDGE)(Mo)

PROPERTY GEOLOGY

THE LITHOLOGICAL UNITS OBSERVED DURING THE EXPLORATION PROGRAM ARE AS FOLLOWS, FROM OLDEST TO YOUNGEST:

THE OLDEST UNIT OBSERVED WAS THE LOWER TRIASSIC BRIDGE RIVER GROUP WHICH CONSISTS OF INTERBEDDED CHERTS, CHERTY ARGILLITE AND ARGILLITES WITH SOME MASSIVE TO FINE GRAINED BASALT. THIS IN TURN IS OVERLAIN BY UPPER TRIASSIC, HURLEY AND NOEL SEDIMENTS AND PIONEER ANDESITES OR GREENSTONE.

THIS SEQUENCE WAS INTRUDED BY THE BRALORNE DIORITES AND THEIR LEUCOCRATIC EQUIVALENTS, THE SODA GRANITES.

THE YOUNGEST UNITS ON THE PROPERTY ARE EARLY TERTIARY IN AGE AND CONSIST OF ALBITITE DIKES (MENTIONED IN THE HITORICAL DATA ON THE ALMA TUNNEL) AND GOLD BEARING QUARTZ VEINS. THE VEINS AND DIKES WERE PROBABLY INTRUDED AT THE SAME TIME AS THE VEINS USUALLY PARALLEL THE ALBITITE DIKES.

THE GRID AREA IS UNDERLAIN BY THE CHERTS AND ARGILLITES WHICH HAVE BEEN INTRUDED BY SODA GRANITE WHICH IN TURN WAS INTRUDED BY THE VEINS AND ALBITITE DIKES. SOUTH OF THE GRID AREA IS A SERPENTINE BELT AND PIONEER ANDESITES.

THE OBSERVED QUARTZ VEIN NEAR THE ALMA ADIT ALONG THE EAST HURLEY ROAD HAS A STRIKE AND DIP OF 020/85 WEST AND GRADES 0.28 OZ./TON OVER A WIDTH OF 2 FEET. THE VEIN IS QUARTZ WITH MINOR CALCITE AND GOUGE ALONG THE WALLS OF THE VEIN. THE MINERALOGY CONSISTS OF APPROX. 5% PYRITE AND ARSENOPYRITE OCURRING FINE GRAINED SMEARS ALONG HAIRLIKE BANDS PARALLEL TO THE VEIN AND DISSEMINATIONS AND BLEBS.

GEOCHEMICAL SOIL SAMPLING PROGRAM

SOIL GEOCHEMICAL SAMPLING WAS USED TO EXPLORE THE CARL CLAIM FOR GOLD BEARING QUARTZ VEINS AS IT HAS PROVEN TO BE AN EXCELLENT EXPLORATION GUIDE IN THE BRIDGE RIVER DISTRICT. THE SAMPLES WERE COLLECTED BY USING A LONG HANDLED SHOVEL TO DIG THROUGH THE HUMUS AND VOLCANIC ASH LAYER TO AN APPROXIMATE DEPTH OF 12 INCHES AND THE WELL DEVELOPED B-HORIZON WAS SAMPLED. THE SAMPLE WEIGHS APPROXIMATELY 0.5 POUNDS AND IS PLACED IN A KRAFT SAMPLE BAG AND DRIED. THE SAMPLES WERE THEN SHIPPED TO ACME LABS OF VANCOUVER AND ECO-TECH LABS OF KAMLOOPS AND ANALYZED FOR 30 ELEMENT ICP.

THE RESULTS ARE PLOTTED ON THREE MAPS LOCATED IN THE POCKET OF THIS REPORT. THE MAPS ARE PLOTTED GOLD/ARSENIC, SILVER/ANTIMONY, AND COPPER/LEAD/ZINC. THE ELEMENTS WHICH CORRESPOND MOST ACCURATELY WITH THE KNOWN STRUCTURES ARE GOLD AND ARSENIC, PROBABLY FROM THE ARSENOPYRITE ASSOCIATED WITH THE VEINS AND A LESSER AMOUNT TO THE OTHER ELEMENTS. THE MAIN ANOMALIES OF INTEREST ARE LOCATED AROUND THE CAVED ADITS AND DOWN TO THE MAIN ROAD WHERE A VEIN IS EXPOSED IN THE DITCH.

STATEMENT OF COSTS

SAMPLE ANALYSES (500 X $12/SAMPLE)	$6,000
LABOUR	$5,000
GEOLOGICAL MAPPING AND SUPERVISION	$4,000
SUPPLIES	$1,000
TOTAL	**$16,000**

REFERENCES

1922; W.S. MCCANN; GEOLOGY AND MINERAL DEPOSITS OF THE BRIDGE RIVER MAP AREA, BRITISH COLUMBIA; CANADA, DEPT. OF MINES, GEOLOGICAL SURVEY, MEMOIR 130

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1946; REPORT FROM MINISTRY OF MINES, METAL-MINING (LODE) PG A105

QUALIFICATIONS

I, J. MILLER-TAIT OF 828 WHITCHURCH STREET, N. VANCOUVER, B.C. V7L 2A4 DO HEREBY CERTIFY THAT:

I AM A GRADUATE OF THE UNIVERSITY OF BRITISH COLUMBIA WITH A BACHELOR OF SCIENCE DEGREE IN GEOLOGY (1987).

I AM A REGISTERED MEMBER IN GOOD STANDING OF THE ASSOCIATION OF PROFESSIONAL ENGINEERS AND GEOSCIENTISTS OF BRITISH COLUMBIA.

THIS REPORT IS BASED ON PERSONAL VISITS TO THE PROPERTY AND AN EVALUATION OF THE RELEVENT INFORMATION.

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PROFESSIONAL ENGINEER
PROVINCE OF BRITISH COLUMBIA
J. M. MILLER-TAIT
GEOSCIENTIST

J. MILLER-TAIT, P. Geo.
ONIVA INTERNATIONAL SERVICES LTD.
VANCOUVER, B.C.
JANUARY 25, 1995

Feb. 14/94.

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Analytical Procedure Assessment Report

GEOCHEMICAL GOLD ANALYSIS

Samples are catalogued and dried. Soils are prepared by sieving through an 80 mesh screen to obtain a minus 80 mesh fraction. Rock samples are 2 stage crushed to minus 10 mesh and a 250 gram subsample is pulverized on a ring mill pulverizer to -140 mesh. The subsample is rolled, homogenized and bagged in a prenumbered bag.

The sample is weighed to 10 grams and fused along with proper fluxing materials. The bead is digested in aqua regia and analyzed on an atomic absorption instrument. Over-range values for rocks are re-analyzed using gold assay methods.

Appropriate reference materials accompany the samples through the process allowing for quality control assessment. Results are entered and printed along with quality control data (repeats and standards). The data is faxed and/or mailed to the client.

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Analytical Procedure Assessment Report

BASE METAL ASSAYS (Ag, Cu, Pb, Zn)

Samples are catalogued and dried. Rock samples are 2 stage crushed followed by pulverizing a 250 gram subsample. The subsample is rolled and homogenized and bagged in a prenumbered bag.

A suitable sample weight is digested with aqua regia. The sample is allowed to cool, bulked up to a suitable volume and analyzed by an atomic absorption instrument, to .01 ppm detection limit.

Appropriate certified reference materials accompany the samples through the process providing accurate quality control.

Result data is entered along with standards and repeat values and are faxed and/or mailed to the client.

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Fax (604) 573-4557

Analytical Procedure Assessment Report

MULTI ELEMENT ICP ANALYSIS

Samples are catalogued and dried. Soil samples are screened to obtain a -80 mesh sample. Rock samples are 2 stage crushed to minus 10 mesh and pulverized on a ring mill pulverizer to minus 140 mesh, rolled and homogenized

A 0.5 gram sample is digested with aqua regia which contain beryllium which acts as an internal standard. The sample is analyzed on a Jarrell Ash ICP unit.

Results are collated by computer and are printed along with accompanying quality control data (repeats and standards). Results are printed on a laser printer and are faxed and/or mailed to the client.

27-Jul-94

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GOLD SUMMIT MINES ETK458
General Delivery
Gold Bridge, B.C.
V0K 1P0

ATTENTION: J. MILLER-TAIT

385 SOIL samples received July 19,1994

Values in ppm unless otherwise reported

t #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
1	ABL+00S	35	<.2	1.44	<5	65	<5	0.46	<1	16	87	25	2.99	<10	1.31	314	<1	0.01	86	520	<2	5	<20	23	0.11	<10	57	<10	8	43
2	ABL+50S	10	<.2	1.63	10	80	<5	0.57	<1	19	68	21	3.16	<10	1.04	373	<1	0.02	62	550	<2	<5	<20	32	0.12	<10	60	<10	8	53
3	ABL+100S	5	0.2	1.03	<5	45	5	0.44	<1	11	46	1	2.32	<10	0.66	207	<1	0.01	35	540	<2	<5	<20	19	0.08	<10	52	<10	6	33
4	ABL+150S	5	<.2	0.84	<5	60	<5	2.00	<1	10	31	14	1.64	<10	0.54	246	<1	<.01	38	390	<2	<5	<20	61	0.06	<10	37	<10	4	63
5	ABL+200S	<5	<.2	1.25	5	45	5	0.38	<1	15	48	6	2.69	<10	0.82	277	<1	0.01	50	310	<2	<5	<20	21	0.11	<10	59	<10	6	33
6	ABL+250S	<5	<.2	1.53	5	85	<5	0.91	<1	16	60	17	2.90	<10	0.97	360	<1	0.02	52	380	<2	<5	<20	40	0.11	<10	60	<10	8	57
7	ABL+300S	<5	<.2	1.91	5	105	5	0.63	<1	18	73	42	3.44	<10	1.10	376	<1	0.02	71	490	<2	5	<20	29	0.13	<10	70	<10	10	59
8	ABL+350S	<5	<.2	1.48	<5	75	5	0.38	<1	18	53	23	3.02	<10	0.84	331	<1	0.01	60	600	<2	<5	<20	21	0.12	<10	64	<10	6	57
9	ABL+400S	<5	<.2	1.47	5	75	5	0.28	<1	19	77	18	2.85	<10	1.14	394	<1	<.01	102	500	<2	<5	<20	18	0.13	<10	52	<10	6	58
10	ABL+450S	<5	<.2	1.29	<5	85	5	0.40	<1	13	39	8	2.37	<10	0.53	357	<1	0.01	54	300	<2	<5	<20	27	0.13	<10	52	<10	7	47
11	ABL+500S	5	<.2	2.09	30	90	<5	0.33	<1	22	96	107	3.69	<10	1.19	359	<1	0.01	192	120	<2	<5	<20	20	0.17	<10	83	<10	9	60
12	ABL+550S	<5	<.2	1.98	10	90	10	0.16	<1	20	89	9	3.34	<10	0.91	234	<1	<.01	156	1220	<2	<5	20	15	0.10	<10	59	<10	5	110
13	ABL+600S	<5	<.2	1.04	<5	45	5	0.28	<1	8	14	<1	1.78	<10	0.22	167	<1	0.01	27	530	<2	<5	<20	22	0.11	<10	41	<10	5	46
14	ABL+650S	<5	0.2	1.35	30	60	<5	0.57	<1	10	50	21	2.07	<10	0.28	163	<1	0.02	258	110	<2	<5	20	38	0.12	<10	42	<10	16	39
15	ABL+700S	<5	<.2	2.22	5	110	10	0.23	<1	21	70	16	3.21	<10	0.89	334	<1	<.01	156	1070	<2	<5	20	15	0.15	<10	59	<10	8	124
16	ABL+750S	<5	<.2	2.42	10	85	10	0.25	<1	21	83	14	3.45	<10	0.94	266	<1	<.01	132	810	4	<5	20	16	0.14	<10	60	<10	7	119
17	ABL+800S	<5	<.2	1.25	<5	60	5	0.12	<1	8	13	<1	1.78	<10	0.19	170	<1	<.01	17	810	<2	<5	<20	12	0.10	<10	42	<10	5	48
18	ABL+850S	<5	<.2	1.09	<5	45	<5	0.16	<1	6	5	<1	1.37	<10	0.20	216	<1	0.02	8	570	<2	<5	<20	16	0.08	<10	30	<10	5	19
19	ABL+900S	<5	<.2	1.18	5	45	10	0.20	<1	7	7	<1	1.79	<10	0.18	163	<1	0.02	9	490	<2	<5	<20	20	0.10	<10	44	<10	5	25
20	ABL+950S	5	<.2	2.14	160	95	<5	0.26	2	17	46	<1	3.50	<10	0.74	255	<1	<.01	63	400	<2	10	<20	23	0.11	<10	52	<10	5	110
21	ABL+1000S	25	<.2	1.25	70	65	5	0.44	<1	11	33	<1	2.60	<10	0.52	320	<1	<.01	34	440	<2	<5	<20	23	0.08	<10	42	<10	4	78
22	ABL+1050S	<5	4.8	0.60	2025	55	10	0.62	18	13	16	9	6.56	<10	0.14	741	11	<.01	36	1000	226	<5	<20	38	<.01	<10	19	<10	15	107
23	ABL+1100S	55	<.2	1.85	185	85	5	0.18	2	16	52	8	3.54	<10	0.65	274	<1	<.01	62	630	18	<5	20	15	0.09	<10	49	<10	5	166
24	ABL+1150S	<5	<.2	2.13	140	110	5	0.19	1	23	68	30	3.80	<10	0.87	352	<1	<.01	85	650	2	<5	<20	17	0.12	<10	64	<10	4	155
25	ABL+1200S	5	<.2	0.89	15	65	<5	0.24	<1	10	15	<1	1.88	<10	0.22	306	<1	<.01	14	530	<2	<5	<20	22	0.12	<10	44	<10	5	61
26	ABL+1250S	5	<.2	2.22	100	95	5	0.26	1	23	75	43	3.90	<10	0.94	355	<1	<.01	104	350	2	<5	20	16	0.12	<10	68	<10	5	121
27	ABL+1300S	5	<.2	1.98	110	95	10	0.21	1	21	67	56	3.53	<10	0.85	320	<1	<.01	87	390	<2	<5	<20	14	0.12	<10	59	<10	6	104
28	ABL+1350S	<5	<.2	2.58	155	105	<5	0.27	2	30	89	93	4.86	<10	1.19	444	<1	<.01	139	650	4	<5	<20	19	0.14	<10	80	<10	6	175

Et #	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
29	ABL+1400S	5	<.2	0.87	45	60	5	0.22	<1	11	13	<1	2.24	<10	0.21	382	<1	<.01	20	510	<2	<5	<20	20	0.10	<10	42	<10	4	78
30	ABL+1450S	15	<.2	2.13	150	100	<5	0.28	2	23	67	58	4.29	<10	0.79	441	<1	<.01	66	480	4	<5	<20	18	0.11	<10	67	<10	4	141
31	ABL+1500S	<5	<.2	1.86	105	105	5	0.26	1	22	69	7	3.42	<10	0.65	542	<1	<.01	82	620	<2	<5	<20	22	0.10	<10	54	<10	4	223
32	ABL+1550S	<5	<.2	2.23	135	95	5	0.27	2	29	95	22	3.87	<10	0.93	580	<1	<.01	133	330	<2	<5	<20	16	0.11	<10	66	<10	5	171
33	ABL+1600S	<5	<.2	1.85	80	85	5	0.28	1	22	58	8	3.30	<10	0.67	603	<1	<.01	68	550	<2	<5	<20	20	0.11	<10	57	<10	4	205
34	ABL+1650S	5	<.2	2.65	135	65	10	0.20	2	31	95	39	5.26	<10	1.21	623	<1	<.01	101	690	8	<5	<20	12	0.14	<10	76	<10	5	922
35	ABL+1700S	<5	<.2	3.35	90	90	10	0.20	1	34	202	81	6.02	<10	2.07	729	<1	<.01	126	480	4	<5	<20	15	0.11	<10	99	<10	5	371
36	ABL+1750S	5	<.2	2.80	125	80	<5	0.21	2	35	118	67	5.22	<10	1.37	555	<1	<.01	110	870	4	<5	<20	13	0.12	<10	89	<10	5	251
37	ABL+1800S	10	<.2	2.37	45	95	10	0.19	1	29	107	23	4.29	<10	1.21	429	<1	<.01	108	1050	2	<5	<20	14	0.12	<10	73	<10	6	232
38	ABL+1850S	<5	<.2	2.55	95	95	10	0.23	2	36	100	37	5.18	<10	1.26	515	<1	<.01	116	930	2	<5	<20	13	0.11	<10	76	<10	5	241
39	ABL+1900S	<5	<.2	1.74	15	60	10	0.18	<1	19	104	22	3.16	<10	1.00	384	<1	<.01	87	340	<2	<5	<20	11	0.13	<10	68	<10	7	77
40	ABL+1950S	<5	<.2	2.39	35	65	10	0.23	<1	27	176	45	3.88	<10	1.59	453	<1	<.01	146	320	<2	<5	<20	11	0.17	<10	79	<10	8	90
41	ABL+2000S	<5	<.2	1.51	10	55	5	0.17	<1	16	120	7	2.32	<10	0.91	301	<1	<.01	89	450	<2	<5	<20	12	0.10	<10	52	<10	5	55
42	ABL+2050S	<5	<.2	1.52	10	65	5	0.21	<1	19	57	<1	2.68	<10	0.60	406	<1	<.01	61	580	<2	<5	<20	16	0.12	<10	55	<10	5	111
43	ABL+2100S	5	<.2	1.60	10	70	10	0.19	<1	16	46	<1	2.46	<10	0.49	233	<1	<.01	42	520	<2	<5	<20	15	0.12	<10	51	<10	6	88
44	ABL+2150S	<5	<.2	1.40	<5	80	10	0.23	<1	14	35	<1	2.22	<10	0.47	230	<1	<.01	89	530	<2	<5	<20	16	0.11	<10	47	<10	5	53
45	ABL+2200S	<5	<.2	1.87	30	65	10	0.19	<1	21	75	34	3.16	<10	0.85	308	<1	<.01	69	350	<2	<5	<20	12	0.13	<10	62	<10	6	109
46	ABL+2250S	5	<.2	1.89	50	80	5	0.21	<1	19	63	31	3.12	<10	0.75	266	<1	<.01	63	520	<2	<5	<20	14	0.11	<10	58	<10	6	93
47	ABL+2300S	<5	<.2	1.93	35	70	10	0.29	3	21	58	<1	3.12	<10	0.68	295	<1	<.01	63	220	<2	<5	<20	18	0.14	<10	56	<10	6	107
48	ABL+2350S	<5	<.2	1.46	105	60	5	0.31	2	15	32	<1	2.51	<10	0.38	224	<1	<.01	99	180	<2	<5	<20	20	0.11	<10	46	<10	5	76
49	ABL+2400S	10	<.2	2.66	145	100	10	0.45	2	28	85	38	4.54	<10	1.09	484	<1	<.01	234	250	2	<5	<20	30	0.14	<10	72	<10	8	183
50	ABL+2450S	<5	<.2	1.70	30	70	<5	0.24	<1	18	62	35	2.81	<10	0.75	262	<1	<.01	81	120	<2	<5	<20	16	0.11	<10	53	<10	6	49
51	ABL+2500S	<5	<.2	2.58	30	105	5	0.28	<1	28	64	32	4.26	<10	0.95	361	<1	<.01	158	310	4	<5	<20	18	0.13	<10	72	<10	6	188
52	ABL+2550S	<5	<.2	2.19	60	80	<5	0.28	1	24	77	81	3.77	<10	0.93	319	<1	<.01	100	200	<2	<5	<20	19	0.12	<10	67	<10	7	84
53	ABL+2600S	5	<.2	1.31	30	55	5	0.23	<1	12	28	<1	2.21	<10	0.36	196	<1	<.01	30	890	<2	<5	<20	17	0.09	<10	45	<10	5	55
54	ABL+2650S	<5	<.2	1.26	35	60	5	0.21	<1	11	19	<1	1.89	<10	0.29	172	<1	0.01	24	590	<2	<5	<20	18	0.09	<10	40	<10	6	47
55	ABL+2700S	<5	<.2	0.68	<5	40	<5	0.16	<1	7	13	<1	1.30	<10	0.16	134	<1	<.01	8	370	<2	<5	<20	13	0.09	<10	31	<10	4	45
56	ABL+2750S	<5	<.2	2.26	25	85	10	0.88	<1	25	99	30	4.48	<10	1.15	676	<1	<.01	142	300	<2	<5	<20	43	0.14	<10	85	<10	9	97
57	ABL+2800S	<5	<.2	1.18	10	55	5	0.22	<1	16	40	5	2.63	<10	0.46	307	<1	<.01	29	750	<2	<5	<20	16	0.10	<10	52	<10	5	103
58	ABL+2850S	<5	<.2	2.36	50	55	5	0.20	<1	26	97	54	4.31	<10	1.11	378	<1	<.01	81	700	<2	<5	<20	12	0.13	<10	73	<10	6	110
59	ABL+2900S	<5	<.2	2.00	45	55	<5	0.19	<1	23	61	128	4.33	<10	0.94	407	<1	<.01	48	930	<2	<5	<20	15	0.10	<10	68	<10	5	125
60	ABL+2950S	<5	<.2	2.17	20	80	10	0.24	<1	22	60	48	3.95	<10	1.00	478	<1	<.01	55	720	2	<5	<20	18	0.11	<10	63	<10	5	331
61	ABL+3000S	<5	<.2	1.65	10	45	5	0.13	<1	18	44	31	3.18	<10	0.66	355	<1	<.01	37	390	<2	<5	<20	10	0.11	<10	59	<10	4	153
62	A3S+50W	<5	<.2	1.14	<5	65	5	0.61	<1	14	29	18	2.73	<10	0.63	293	<1	0.02	19	550	<2	<5	<20	25	0.09	<10	60	<10	6	41
63	A3S+100W	<5	<.2	1.49	10	65	10	0.42	<1	17	66	19	2.97	<10	1.11	360	<1	0.01	71	400	<2	<5	<20	21	0.13	<10	60	<10	7	47
64	A3S+150W	<5	<.2	1.48	5	65	10	0.46	<1	17	72	15	2.93	<10	1.13	366	<1	0.02	72	420	<2	<5	<20	22	0.12	<10	58	<10	9	42
65	A3S+200W	<5	<.2	1.14	<5	45	10	0.35	<1	14	64	<1	2.54	<10	0.97	266	<1	0.01	52	280	<2	<5	<20	17	0.11	<10	51	<10	6	34
66	A3S+250W	<5	<.2	1.47	5	85	<5	0.79	<1	18	55	18	2.85	<10	0.98	480	<1	0.02	49	510	<2	<5	<20	30	0.11	<10	58	<10	8	41

Et #	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
67	A3S+300W	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
68	A3S+350W	<5	<.2	1.50	<5	70	10	0.33	<1	15	60	2	2.33	<10	0.74	262	<1	<.01	55	140	<2	<5	20	17	0.14	<10	48	<10	7	38
69	A3S+400W	<5	<.2	1.15	<5	65	10	0.24	<1	11	41	<1	1.91	<10	0.49	174	<1	<.01	40	270	<2	<5	20	17	0.11	<10	39	<10	5	34
70	A3S+450W	5	<.2	1.12	<5	65	5	0.16	<1	8	12	<1	1.72	<10	0.23	148	<1	0.01	15	620	<2	<5	<20	15	0.09	<10	42	<10	5	27
71	A3S+500W	<5	<.2	1.71	<5	85	10	0.19	<1	17	32	<1	2.74	<10	0.45	190	<1	<.01	32	520	<2	<5	<20	15	0.14	<10	60	<10	6	86
72	A3S+550W	<5	<.2	0.93	<5	60	<5	1.49	<1	5	13	29	1.13	<10	0.20	158	<1	0.02	52	340	<2	<5	<20	51	0.07	<10	31	<10	8	29
73	A3S+600W	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
74	A3S+650W	<5	<.2	1.79	<5	115	5	0.25	<1	21	46	2	2.84	<10	0.67	473	<1	<.01	72	260	<2	<5	20	20	0.13	<10	59	<10	5	82
75	A3S+700W	<5	<.2	1.74	<5	85	10	0.16	<1	19	41	4	2.68	<10	0.62	352	<1	<.01	84	840	<2	<5	20	14	0.12	<10	53	<10	6	83
76	A3S+750W	<5	<.2	2.11	<5	90	5	0.26	<1	26	137	39	4.08	<10	1.51	480	<1	<.01	132	920	<2	<5	20	14	0.14	<10	64	<10	8	74
77	A3S+800W	<5	<.2	0.41	<5	30	<5	0.06	<1	3	5	<1	0.58	<10	0.07	71	<1	<.01	5	620	<2	<5	<20	9	0.03	<10	11	<10	2	15
78	A3S+850W	<5	<.2	1.48	5	75	10	0.18	<1	16	60	<1	2.88	<10	0.58	240	<1	<.01	53	360	<2	<5	20	14	0.12	<10	58	<10	5	60
79	A3S+900W	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
80	A3S+950W	<5	<.2	0.22	<5	75	<5	3.06	<1	8	18	<1	1.72	<10	0.29	64	6	0.02	37	560	<2	<5	<20	88	<.01	<10	11	<10	<1	80
81	A3S+1000W	<5	<.2	0.08	<5	70	<5	2.94	<1	3	4	<1	1.31	<10	0.19	25	14	0.02	20	640	<2	<5	<20	90	<.01	<10	4	<10	<1	42
82	A6S+50W	10	<.2	2.18	5	80	10	0.43	<1	23	134	11	3.61	<10	1.34	441	<1	<.01	114	110	<2	<5	40	22	0.19	<10	62	<10	10	59
83	A6S+100W	<5	<.2	2.21	<5	100	10	0.25	<1	24	136	11	3.74	<10	1.44	353	<1	<.01	152	360	<2	5	40	13	0.16	<10	62	<10	8	72
84	A6S+150W	<5	<.2	1.09	<5	55	5	0.12	<1	9	11	<1	1.88	<10	0.24	193	<1	0.01	13	700	<2	<5	<20	14	0.12	<10	49	<10	6	62
85	A6S+200W	<5	<.2	1.75	<5	65	10	0.28	<1	18	123	15	3.20	<10	1.29	375	<1	<.01	92	260	<2	5	20	13	0.18	<10	54	<10	9	54
86	A6S+250W	5	<.2	1.67	50	95	10	1.02	<1	23	287	24	3.34	<10	1.23	905	<1	0.02	129	330	<2	<5	80	50	0.10	<10	61	<10	9	46
87	A6S+300W	<5	<.2	1.76	15	85	5	0.20	<1	19	66	7	2.83	<10	0.81	296	<1	<.01	103	470	<2	<5	20	14	0.11	<10	53	<10	5	77
88	A6S+350W	<5	<.2	1.85	15	105	5	0.22	<1	19	66	37	3.09	<10	0.92	324	<1	<.01	123	270	<2	<5	<20	17	0.13	<10	60	<10	6	51
89	A6S+400W	5	<.2	1.36	<5	75	5	0.13	<1	12	22	<1	2.03	<10	0.35	359	<1	<.01	34	600	<2	<5	<20	15	0.11	<10	43	<10	6	54
90	A6S+450W	<5	<.2	0.94	<5	50	10	0.09	<1	9	14	<1	1.71	<10	0.23	331	<1	<.01	20	390	<2	<5	<20	12	0.10	<10	40	<10	4	46
91	A6S+500W	<5	<.2	1.56	10	85	10	0.15	<1	15	38	<1	2.52	<10	0.50	307	<1	<.01	54	560	<2	<5	20	14	0.11	<10	52	<10	5	65
92	A6S+550W	5	<.2	1.09	<5	70	5	0.12	<1	11	28	<1	2.09	<10	0.33	296	<1	<.01	29	660	<2	<5	<20	10	0.11	<10	43	<10	5	63
93	A6S+600W	<5	<.2	0.89	<5	65	5	0.15	<1	11	20	<1	1.88	<10	0.29	289	<1	<.01	23	410	<2	<5	<20	11	0.11	<10	43	<10	5	58
94	A6S+650W	<5	<.2	1.22	<5	75	10	0.15	<1	10	18	<1	2.05	<10	0.3	218	<1	<.01	20	760	<2	<5	<20	13	0.11	<10	47	<10	5	54
95	A6S+700W	<5	<.2	1.98	20	90	5	0.20	<1	20	77	25	3.41	<10	1.08	298	<1	<.01	119	390	<2	<5	<20	14	0.14	<10	60	<10	7	58
96	A6S+750W	<5	<.2	1.51	<5	95	5	0.18	<1	12	22	<1	2.08	<10	0.34	260	<1	0.01	46	690	4	<5	<20	17	0.11	<10	44	<10	7	72
97	A6S+800W	<5	<.2	1.76	<5	90	5	0.15	<1	16	37	<1	2.59	<10	0.53	281	<1	<.01	64	480	2	<5	20	14	0.13	<10	53	<10	6	49
98	A6S+850W	<5	<.2	1.77	5	85	5	0.18	<1	16	44	3	2.77	<10	0.60	234	<1	<.01	67	660	<2	<5	<20	14	0.13	<10	53	<10	6	68
99	A6S+900W	<5	<.2	1.51	<5	65	5	0.16	<1	10	26	<1	2.20	<10	0.36	432	<1	0.01	29	810	4	<5	<20	13	0.10	<10	48	<10	7	65
100	A6S+950W	<5	<.2	1.83	<5	70	10	0.29	<1	20	80	<1	2.78	<10	0.96	312	<1	<.01	82	500	8	5	20	15	0.16	<10	52	<10	9	76
101	A6S+1000W	35	<.2	1.81	15	70	10	0.26	<1	18	83	1	2.82	<10	0.92	309	<1	<.01	71	410	4	<5	20	17	0.14	<10	53	<10	7	44
102	A9S+50W	<5	<.2	1.55	45	60	5	0.20	<1	12	33	<1	2.36	<10	0.43	170	<1	<.01	47	170	<2	<5	<20	17	0.10	<10	42	<10	6	46
103	A9S+100W	5	<.2	2.40	185	80	10	0.27	2	19	42	4	3.31	<10	0.85	287	<1	<.01	65	310	4	<5	<20	20	0.16	<10	61	<10	8	92
104	A9S+150W	<5	<.2	1.10	15	55	5	0.10	<1	8	10	<1	1.82	<10	0.19	150	<1	<.01	12	540	<2	<5	<20	14	0.09	<10	42	<10	5	37

Et #	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
105	A9S+200W	<5	<.2	0.90	5	45	<5	0.08	<1	6	8	<1	1.37	<10	0.16	243	<1	<.01	8	460	<2	<5	<20	11	0.08	<10	31	<10	4	35
106	A9S+250W	<5	<.2	1.31	10	55	5	0.11	<1	9	12	<1	1.80	<10	0.21	271	<1	<.01	19	470	<2	<5	<20	14	0.09	<10	40	<10	5	46
107	A9S+300W	10	<.2	2.83	1395	85	<5	0.62	14	56	115	144	11.40	<10	1.76	2085	1	<.01	139	360	<2	<5	<20	38	0.04	<10	156	<10	28	123
108	A9S+350W	<5	<.2	1.26	60	60	<5	0.25	<1	14	33	2	2.38	<10	0.47	307	<1	<.01	44	390	<2	<5	<20	18	0.10	<10	47	<10	5	72
109	A9S+400W	<5	<.2	2.20	155	95	<5	0.31	2	35	100	114	5.30	<10	1.74	662	<1	<.01	153	530	<2	<5	<20	18	0.14	<10	82	<10	11	83
110	A9S+450W	20	<.2	2.08	170	95	<5	0.46	2	38	119	109	5.64	<10	1.98	819	<1	0.01	173	630	<2	<5	<20	23	0.14	<10	90	<10	16	82
111	A9S+500W	530	<.2	1.35	20	60	5	0.35	<1	16	71	29	3.24	<10	0.88	375	<1	<.01	68	510	<2	<5	<20	20	0.13	<10	61	<10	9	43
112	A9S+550W	<5	<.2	1.62	15	75	5	0.38	<1	18	70	26	2.97	<10	1.00	434	<1	0.01	72	420	<2	<5	<20	20	0.12	<10	58	<10	9	45
113	A9S+600W	10	<.2	2.31	120	95	<5	0.73	1	24	96	79	4.73	<10	1.42	518	<1	0.06	111	430	<2	<5	<20	48	0.15	<10	94	<10	12	60
114	A9S+650W	5	<.2	1.93	20	80	5	0.42	<1	24	91	64	4.51	<10	1.25	488	<1	<.01	102	390	<2	<5	<20	23	0.16	<10	79	<10	11	200
115	A9S+700W	5	<.2	2.60	<5	95	<5	0.64	1	23	77	83	4.44	<10	1.50	426	<1	0.02	119	200	<2	<5	<20	40	0.20	<10	85	<10	14	335
116	A9S+750W	<5	<.2	2.20	<5	80	<5	0.39	<1	27	85	101	4.26	<10	1.54	614	<1	<.01	76	450	<2	<5	<20	20	0.18	<10	86	<10	11	72
117	A9S+800W	<5	<.2	1.95	10	70	<5	0.33	<1	21	78	77	3.86	<10	1.37	471	<1	<.01	66	510	<2	<5	<20	16	0.16	<10	78	<10	10	52
118	A9S+850W	<5	<.2	2.49	5	125	<5	0.41	<1	27	101	152	4.53	<10	1.60	549	<1	<.01	98	470	<2	<5	<20	22	0.19	<10	94	<10	12	59
119	A9+900W	<5	<.2	1.66	<5	85	<5	0.41	<1	18	75	43	3.35	<10	1.15	393	<1	<.01	68	450	<2	<5	<20	20	0.14	<10	65	<10	10	45
120	A9S+950W	<5	<.2	1.72	<5	75	10	0.27	<1	19	105	8	3.06	<10	1.14	333	<1	<.01	93	900	<2	<5	20	16	0.12	<10	52	<10	6	62
121	A9S+100W	<5	<.2	0.52	<5	55	<5	0.16	<1	6	17	<1	1.26	<10	0.19	92	<1	<.01	12	790	<2	<5	<20	13	0.08	<10	28	<10	4	31
122	A12S+50W	25	<.2	1.65	260	95	5	0.25	3	19	43	7	3.43	<10	0.54	340	<1	<.01	57	410	<2	<5	<20	18	0.10	<10	51	<10	4	114
123	A12S+100W	<5	<.2	1.86	90	75	10	0.25	1	21	58	33	3.44	<10	0.78	369	<1	<.01	79	440	<2	<5	20	16	0.12	<10	61	<10	5	122
124	A12S+150W	<5	<.2	1.77	35	85	10	0.19	<1	19	52	17	2.82	<10	0.77	303	<1	<.01	66	360	<2	<5	<20	14	0.14	<10	54	<10	7	104
125	A12S+200W	<5	<.2	1.25	30	55	10	0.18	<1	12	25	<1	2.05	<10	0.37	244	<1	<.01	40	650	<2	<5	<20	14	0.10	<10	44	<10	5	82
126	A12S+250W	<5	<.2	0.89	5	50	5	0.38	<1	12	19	<1	1.91	<10	0.30	305	<1	< 01	23	370	<2	<5	<20	24	0.13	<10	45	<10	5	78
127	A12S+300W	50	<.2	3.04	190	105	<5	0.21	2	38	102	151	6.30	<10	1.46	456	<1	< 01	134	520	6	<5	<20	14	0.14	<10	85	<10	6	123
128	A12S+350W	<5	<.2	1.55	10	80	5	0.24	<1	17	36	<1	2.24	<10	0.52	296	<1	<.01	76	510	<2	<5	<20	17	0.11	<10	43	<10	5	90
129	A12S+400W	<5	<.2	1.72	5	90	10	0.23	<1	18	51	<1	2.50	<10	0.77	253	<1	<.01	91	370	<2	<5	<20	17	0.15	<10	49	<10	7	82
130	A12S+450W	<5	<.2	1.89	<5	100	10	0.24	<1	21	53	<1	2.94	<10	0.97	333	<1	<.01	113	890	<2	<5	<20	19	0.15	<10	52	<10	7	133
131	A12S+500W	10	<.2	1.79	<5	90	10	0.20	<1	20	57	<1	2.80	<10	0.77	304	<1	<.01	110	340	<2	<5	<20	15	0.14	<10	54	<10	6	108
132	A12S+550W	<5	<.2	1.37	<5	55	10	0.18	<1	15	38	<1	2.50	<10	0.49	198	<1	<.01	41	530	<2	<5	<20	14	0.14	<10	54	<10	6	45
133	A12S+600W	<5	<.2	0.96	<5	45	5	0.13	<1	9	13	<1	1.69	<10	0.21	136	<1	0.01	14	420	<2	<5	<20	15	0.10	<10	40	<10	5	31
134	A12S+650W	<5	<.2	0.81	<5	50	5	0.11	<1	7	11	<1	1.54	<10	0.15	157	<1	<.01	8	940	<2	<5	<20	13	0.10	<10	35	<10	4	49
135	A12S+700W	<5	<.2	2.36	70	110	10	0.58	1	19	47	<1	3.05	<10	0.59	608	<1	<.01	101	150	6	<5	<20	36	0.18	<10	43	<10	10	151
136	A12S+750W	15	<.2	1.00	<5	35	5	0.16	<1	6	7	<1	1.59	<10	0.16	118	<1	0.01	10	520	<2	<5	<20	17	0.09	<10	38	<10	5	22
137	A12S+800W	5	<.2	1.19	<5	70	10	0.17	<1	11	21	<1	2.01	<10	0.35	232	<1	<.01	32	390	<2	<5	<20	14	0.12	<10	45	<10	6	37
138	A12S+850W	<5	<.2	1.93	<5	90	10	0.32	<1	18	48	<1	2.86	<10	0.62	238	<1	<.01	62	280	<2	<5	<20	19	0.15	<10	53	<10	7	71
139	A12S+900W	<5	<.2	1.83	<5	65	<5	0.73	<1	24	110	37	3.81	<10	1.25	471	<1	<.01	112	320	<2	<5	<20	33	0.18	<10	67	<10	15	55
140	A12S+950W	<5	<.2	0.85	<5	55	5	0.13	<1	8	14	<1	1.61	<10	0.21	142	<1	<.01	14	280	<2	<5	<20	11	0.10	<10	38	<10	5	36
141	A12S+1000W	<5	<.2	0.88	<5	90	5	0.17	<1	7	8	<1	1.51	<10	0.18	277	<1	0.01	9	1270	<2	<5	<20	16	0.09	<10	35	<10	5	51
142	A12S+50E	<5	<.2	0.97	<5	80	5	0.15	<1	8	10	<1	1.58	<10	0.17	262	<1	<.01	10	1190	<2	<5	<20	17	0.09	<10	32	<10	5	66

Et #	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
143	A12S+100E	<5	<.2	1.15	<5	55	10	0.12	<1	9	14	<1	1.85	<10	0.22	162	<1	<.01	15	360	<2	<5	<20	14	0.10	<10	43	<10	5	47
144	A12S+150E	<5	<.2	1.43	115	85	10	0.42	1	13	41	12	2.82	<10	0.59	277	<1	0.02	30	290	<2	<5	<20	29	0.10	<10	55	<10	9	27
145	A12S+200E	<5	<.2	1.90	20	100	10	0.24	<1	13	38	<1	2.51	<10	0.51	169	<1	<.01	35	80	<2	<5	20	18	0.12	<10	53	<10	5	36
146	A12S+250E	<5	<.2	1.51	15	115	<5	0.46	<1	13	44	26	2.81	<10	0.55	288	<1	0.02	29	330	<2	<5	<20	28	0.10	<10	60	<10	8	31
147	A12S+300E	<5	<.2	1.39	<5	65	10	0.14	<1	11	25	<1	1.90	<10	0.32	226	<1	<.01	29	600	<2	<5	<20	11	0.10	<10	39	<10	5	50
148	A12S+350E	<5	<.2	1.87	10	85	5	0.19	<1	17	52	7	2.79	<10	0.66	243	<1	<.01	73	530	<2	<5	20	16	0.12	<10	57	<10	5	65
149	A12S+400E	<5	<.2	1.34	<5	45	5	0.26	<1	8	10	<1	1.93	<10	0.18	139	<1	0.02	13	210	<2	<5	<20	19	0.10	<10	46	<10	5	55
150	A12S+450E	<5	<.2	2.09	<5	105	5	0.28	<1	18	56	9	2.95	<10	0.76	293	<1	<.01	77	660	<2	<5	<20	19	0.13	<10	58	<10	7	120
151	A12S+500E	10	<.2	1.58	55	75	5	0.59	<1	18	63	32	3.26	<10	0.96	357	<1	0.02	68	390	<2	<5	<20	28	0.12	<10	64	<10	9	53
152	A15S+50W	15	<.2	2.22	115	95	10	0.23	2	29	96	38	4.73	<10	0.95	442	<1	<.01	88	450	<2	<5	<20	21	0.10	<10	68	<10	3	195
153	A15S+100W	<5	<.2	1.22	80	75	10	0.30	1	19	45	<1	2.96	<10	0.58	603	<1	<.01	30	660	<2	<5	<20	16	0.10	<10	56	<10	5	158
154	A15S+150W	<5	<.2	1.71	75	80	10	0.19	1	22	55	7	3.26	<10	0.70	441	<1	<.01	54	550	<2	<5	20	13	0.11	<10	56	<10	4	104
155	A15S+200W	<5	<.2	1.54	25	75	10	0.21	<1	19	38	3	2.86	<10	0.55	527	<1	<.01	40	590	<2	<5	<20	17	0.10	<10	51	<10	6	148
156	A15S+250W	<5	<.2	0.85	<5	45	5	0.14	<1	10	12	<1	1.72	<10	0.17	301	<1	<.01	15	680	<2	<5	<20	15	0.10	<10	39	<10	5	93
157	A15S+300W	<5	<.2	1.54	10	70	10	0.17	<1	22	51	5	2.94	<10	0.56	312	<1	<.01	57	480	<2	<5	<20	12	0.12	<10	56	<10	6	199
158	A15S+350W	<5	<.2	0.80	<5	65	10	0.16	<1	14	26	<1	2.11	<10	0.25	544	<1	<.01	23	670	<2	<5	<20	15	0.11	<10	48	<10	5	115
159	A15S+400W	<5	<.2	2.05	40	90	5	0.20	<1	24	106	61	3.96	<10	1.09	546	<1	<.01	98	420	2	<5	<20	13	0.12	<10	73	<10	7	83
160	A15S+450W	<5	<.2	1.85	25	80	10	0.23	<1	27	71	26	4.19	<10	0.78	657	<1	<.01	84	760	<2	<5	<20	19	0.12	<10	68	<10	5	126
161	A15S+500W	<5	<.2	2.15	25	85	<5	0.23	<1	27	111	55	4.25	<10	1.21	446	<1	<.01	116	450	<2	<5	20	12	0.16	<10	78	<10	9	123
162	A15S+550W	<5	<.2	1.51	10	70	5	0.24	<1	20	82	4	2.91	<10	0.70	351	<1	<.01	93	570	<2	<5	20	16	0.13	<10	56	<10	6	113
163	A15S+600W	<5	<.2	0.97	10	85	10	0.43	<1	15	42	<1	1.81	<10	0.36	680	<1	<.01	57	720	<2	<5	<20	30	0.10	<10	38	<10	6	67
164	A15S+650W	<5	<.2	1.96	15	90	10	0.27	<1	26	60	4	3.40	<10	0.77	394	<1	<.01	91	750	<2	<5	<20	18	0.14	<10	56	<10	7	160
165	A15S+700W	<5	<.2	1.62	<5	70	10	0.28	<1	19	47	<1	2.78	<10	0.77	383	<1	<.01	48	620	<2	<5	<20	18	0.17	<10	57	<10	8	102
166	A15S+750W	<5	<.2	0.90	<5	60	10	0.12	<1	13	21	<1	2.01	<10	0.26	400	<1	<.01	22	470	<2	<5	<20	13	0.12	<10	43	<10	6	41
167	A15S+800W	10	<.2	1.49	<5	75	5	0.31	<1	17	59	6	2.52	<10	0.59	398	<1	<.01	83	200	<2	<5	<20	21	0.16	<10	48	<10	9	47
168	A15S+850W	<5	<.2	1.44	<5	55	5	0.24	<1	17	60	17	2.57	<10	0.68	298	<1	<.01	57	710	<2	<5	<20	14	0.13	<10	49	<10	7	41
169	A15S+900W	<5	<.2	2.11	<5	75	10	0.25	<1	24	86	12	3.45	<10	1.02	456	<1	<.01	82	870	2	<5	<20	14	0.16	<10	59	<10	8	77
170	A15S+950W	<5	<.2	0.46	<5	45	5	0.10	<1	6	11	<1	1.29	<10	0.13	98	<1	<.01	7	500	<2	<5	<20	12	0.09	<10	29	<10	4	36
171	A15S+1000W	<5	<.2	0.60	<5	65	5	0.07	<1	6	8	<1	1.37	<10	0.11	167	<1	<.01	7	1300	<2	<5	<20	12	0.08	<10	31	<10	4	28
172	A15S+50E	<5	<.2	1.22	60	70	10	0.21	<1	14	31	4	2.38	<10	0.40	282	<1	<.01	39	290	<2	<5	<20	15	0.11	<10	46	<10	5	69
173	A15S+100E	<5	<.2	0.99	25	55	<5	0.28	<1	18	56	17	2.33	<10	0.49	592	<1	<.01	31	570	<2	<5	<20	13	0.10	<10	65	<10	<1	69
174	A15S+150E	<5	<.2	1.04	25	60	<5	0.31	<1	16	51	15	2.33	<10	0.48	362	<1	<.01	30	540	<2	<5	<20	14	0.10	<10	78	<10	<1	55
175	A15S+200E	<5	<.2	0.91	25	55	<5	0.23	<1	12	24	10	1.84	<10	0.31	329	<1	<.01	16	770	<2	<5	<20	12	0.10	<10	65	<10	<1	69
176	A15S+250E	<5	<.2	0.49	15	40	<5	0.22	<1	8	11	4	1.38	<10	0.14	299	<1	<.01	5	300	2	<5	<20	11	0.09	<10	57	<10	<1	48
177	A15S+300E	<5	<.2	0.99	20	65	<5	0.32	<1	16	44	12	1.96	<10	0.50	688	<1	<.01	32	410	<2	<5	<20	14	0.11	<10	61	<10	<1	97
178	A15S+350E	<5	0.4	1.42	30	90	<5	0.39	<1	22	96	19	2.82	<10	0.75	378	<1	<.01	52	520	<2	<5	<20	14	0.11	<10	91	<10	<1	103
179	A15S+400E	<5	<.2	0.54	20	35	<5	0.17	<1	11	23	6	1.63	<10	0.25	381	2	<.01	8	480	8	<5	<20	9	0.10	<10	68	<10	<1	38
180	A15S+450E	<5	<.2	1.02	20	55	<5	0.22	<1	13	35	12	1.96	<10	0.37	242	<1	<.01	42	830	<2	<5	<20	10	0.09	<10	58	<10	<1	54

Et #	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
181	A15S+500E	<5	<.2	1.65	40	70	<5	0.56	<1	29	169	78	4.39	<10	1.41	904	<1	<.01	83	540	<2	<5	<20	16	0.14	<10	128	<10	7	53
182	A15S+550E	<5	<.2	0.79	10	45	<5	0.16	<1	10	19	7	1.47	<10	0.25	389	<1	<.01	9	1020	<2	<5	<20	8	0.08	<10	45	<10	<1	35
183	A15S+600E	<5	<.2	2.23	45	100	<5	0.28	<1	30	165	42	3.94	<10	1.02	597	<1	<.01	77	1000	<2	<5	<20	10	0.10	<10	108	<10	<1	140
184	A15S+650E	<5	<.2	1.22	30	65	<5	0.29	<1	18	81	30	2.60	<10	0.68	530	<1	<.01	32	710	<2	<5	<20	11	0.10	<10	79	<10	<1	57
185	A15S+700E	<5	0.8	0.99	15	60	<5	0.68	<1	14	65	24	2.51	<10	0.71	494	<1	<.01	16	530	<2	<5	<20	21	0.10	<10	86	<10	5	30
186	A18S+50W	5	<.2	1.65	140	40	<5	0.23	<1	41	206	82	5.86	<10	1.37	1200	3	<.01	88	1370	6	<5	<20	9	0.09	<10	105	<10	<1	94
187	A18S+100W	<5	<.2	1.92	145	110	<5	0.34	1	36	122	48	5.21	<10	1.02	768	<1	<.01	57	670	<2	<5	<20	12	0.08	<10	102	<10	<1	187
188	A18S+150W	<5	<.2	1.33	85	75	<5	0.38	<1	27	82	29	3.56	<10	0.76	813	1	<.01	35	610	2	<5	<20	15	0.10	<10	97	<10	<1	127
189	A18S+200W	<5	<.2	1.31	45	55	<5	0.36	<1	22	69	23	2.84	<10	0.70	683	<1	<.01	39	510	<2	<5	<20	15	0.11	<10	74	<10	<1	112
190	A18S+250W	<5	<.2	1.01	25	70	<5	0.57	<1	18	52	16	2.48	<10	0.47	635	<1	<.01	25	780	2	<5	<20	23	0.11	<10	84	<10	2	71
191	A18S+300W	<5	<.2	2.23	65	75	<5	0.23	<1	43	121	138	4.59	<10	1.27	657	4	<.01	101	830	10	<5	<20	8	0.15	<10	86	<10	<1	235
192	A18S+350W	<5	<.2	1.82	25	80	<5	0.20	<1	28	78	24	2.87	<10	0.92	489	<1	<.01	72	650	<2	<5	<20	8	0.12	<10	66	<10	<1	186
193	A18S+400W	<5	<.2	0.81	15	50	<5	0.14	<1	11	17	10	1.79	<10	0.28	399	<1	<.01	18	1180	4	<5	<20	7	0.10	<10	53	<10	<1	42
194	A18S+450W	<5	<.2	0.66	5	45	<5	0.13	<1	13	7	6	1.58	<10	0.21	1044	<1	<.01	12	1310	2	<5	<20	6	0.12	<10	42	<10	<1	48
195	A18S+500W	<5	<.2	1.00	25	60	<5	0.25	<1	16	31	12	1.96	<10	0.42	336	1	<.01	35	540	8	<5	<20	11	0.14	<10	67	<10	3	49
196	A18S+550W	<5	<.2	1.78	30	70	<5	0.22	<1	26	87	23	2.88	<10	0.77	690	<1	<.01	71	1360	<2	<5	<20	9	0.14	<10	82	<10	<1	96
197	A18S+600W	<5	<.2	1.86	40	55	<5	0.28	<1	35	129	36	3.62	<10	1.01	491	2	<.01	84	710	2	<5	<20	8	0.15	<10	78	<10	<1	102
198	A18S+650W	<5	<.2	2.06	50	55	<5	0.33	<1	28	106	51	4.68	<10	1.05	547	2	<.01	94	1240	4	<5	<20	12	0.13	<10	80	<10	<1	80
199	A18S+700W	<5	0.8	1.80	25	95	<5	0.58	<1	22	79	66	3.06	<10	0.83	417	<1	<.01	112	340	<2	<5	<20	24	0.16	<10	62	<10	5	51
200	A18S+750W	20	<.2	1.43	25	65	<5	0.52	<1	21	64	23	3.06	<10	0.76	511	<1	<.01	44	1980	6	<5	<20	16	0.12	<10	59	<10	<1	72
201	A18S+800W	5	<.2	1.92	40	60	<5	0.23	<1	28	90	54	3.68	<10	1.24	554	1	<.01	72	1440	4	<5	<20	9	0.13	<10	72	<10	<1	67
202	A18S+850W	<5	<.2	1.31	25	55	<5	0.19	<1	18	34	17	2.30	<10	0.57	355	<1	<.01	37	1090	<2	<5	<20	9	0.12	<10	55	<10	<1	60
203	A18S+900W	<5	6.0	2.26	35	60	<5	0.20	<1	30	77	44	3.34	<10	1.16	443	<1	<.01	81	980	<2	<5	<20	8	0.15	<10	64	<10	<1	110
204	A18S+950W	<5	<.2	2.05	35	50	<5	0.28	<1	28	100	43	3.34	<10	1.22	464	<1	<.01	87	820	<2	<5	<20	10	0.14	<10	60	<10	<1	89
205	A18S+1000W	<5	<.2	1.87	50	65	<5	0.37	<1	29	75	36	3.47	<10	1.03	581	3	<.01	70	1420	8	<5	<20	13	0.13	<10	64	<10	<1	91
206	A18S+50E	<5	<.2	0.62	5	50	<5	0.21	<1	8	5	6	1.24	<10	0.23	404	<1	<.01	7	850	<2	<5	<20	12	0.10	<10	28	<10	<1	60
207	A18S+100E	<5	<.2	0.95	25	30	<5	0.20	<1	8	1	6	1.38	<10	0.21	300	<1	<.01	7	580	<2	<5	<20	10	0.10	<10	42	<10	<1	31
208	A18S+150E	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
209	A18S+200E	<5	<.2	0.94	30	35	<5	0.14	<1	11	28	16	1.68	<10	0.42	235	<1	<.01	18	640	4	<5	<20	6	0.09	<10	42	<10	<1	44
210	A18S+250E	<5	<.2	1.47	35	45	<5	0.14	<1	13	35	34	1.96	<10	0.63	208	<1	<.01	27	610	<2	<5	<20	7	0.08	<10	49	<10	<1	37
211	A18S+300E	<5	<.2	0.77	15	30	<5	0.25	<1	7	4	8	1.29	<10	0.25	201	<1	<.01	9	400	4	<5	<20	12	0.10	<10	37	<10	<1	27
212	A18S+350E	<5	<.2	1.54	40	65	<5	0.15	<1	18	50	23	2.25	<10	0.66	253	2	<.01	59	770	6	<5	<20	7	0.10	<10	54	<10	<1	65
213	A18S+400E	<5	0.8	1.24	25	60	<5	0.15	<1	14	40	22	1.94	<10	0.61	271	<1	<.01	48	730	<2	<5	<20	8	0.08	<10	47	<10	<1	45
214	A18S+450E	<5	<.2	1.61	45	65	<5	0.30	<1	22	89	35	2.91	<10	1.06	451	1	<.01	99	740	4	<5	<20	12	0.10	<10	67	<10	<1	63
215	A18S+500E	<5	<.2	1.00	35	75	<5	0.57	<1	17	32	64	3.01	<10	0.49	710	3	<.01	31	840	4	<5	<20	24	0.04	<10	63	<10	6	86
216	A18S+550E	<5	<.2	1.71	40	65	<5	0.22	<1	21	77	51	2.84	<10	0.97	335	1	<.01	61	540	<2	<5	<20	9	0.11	<10	68	<10	<1	50
217	A18S+600E	<5	<.2	1.16	25	50	<5	0.12	<1	11	27	18	1.76	<10	0.47	204	<1	<.01	23	410	<2	<5	<20	7	0.10	<10	48	<10	<1	34
218	A18S+650E	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS

Et #.	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
219	A18S+700E	<5	<.2	0.95	15	35	<5	0.18	<1	8	11	7	1.51	<10	0.30	136	<1	<.01	11	600	<2	<5	<20	10	0.10	<10	43	<10	<1	34
220	A18S+750E	<5	<.2	0.75	15	40	<5	0.21	<1	9	15	8	1.58	<10	0.27	201	<1	<.01	12	430	4	<5	<20	10	0.10	<10	50	<10	<1	33
221	A18S+800E	<5	<.2	1.73	45	60	<5	0.14	<1	18	55	25	2.71	<10	0.69	478	2	<.01	36	850	4	<5	<20	7	0.09	<10	68	<10	<1	70
222	A18S+850E	<5	<.2	2.28	35	85	<5	0.23	<1	39	99	99	3.91	<10	3.36	561	<1	<.01	224	410	<2	<5	<20	7	0.13	<10	60	<10	<1	47
223	A18S+900E	<5	<.2	1.43	35	65	<5	0.46	<1	20	82	50	2.88	<10	1.22	529	<1	<.01	63	670	4	<5	<20	15	0.10	<10	67	<10	2	49
224	A18S+950E	15	<.2	1.70	40	65	<5	0.23	<1	18	64	46	2.58	<10	1.09	417	<1	<.01	56	590	6	<5	<20	10	0.10	<10	56	<10	<1	50
225	A18S+1000E	<5	<.2	1.90	25	60	<5	0.23	<1	19	58	28	2.43	<10	0.78	267	<1	<.01	51	620	<2	<5	<20	10	0.11	<10	55	<10	<1	75
226	A21S+50W	<5	<.2	0.95	25	30	<5	0.17	<1	8	4	7	1.57	<10	0.23	256	<1	<.01	10	1010	<2	<5	<20	9	0.11	<10	43	<10	<1	26
227	A21S+100W	<5	<.2	1.18	30	35	<5	0.24	<1	18	41	18	2.38	<10	0.52	377	1	<.01	37	680	2	<5	<20	9	0.12	<10	55	<10	<1	62
228	A21S+150W	<5	<.2	1.12	35	45	<5	0.15	<1	17	44	14	2.22	<10	0.51	334	2	<.01	32	880	6	<5	<20	8	0.11	<10	55	<10	<1	62
229	A21S+200W	<5	<.2	1.80	40	70	<5	0.43	<1	29	71	34	3.28	<10	0.88	1035	2	<.01	58	760	6	<5	<20	18	0.14	<10	75	<10	<1	224
230	A21S+250W	<5	1.4	1.09	20	40	<5	0.21	<1	15	19	14	2.03	<10	0.44	464	<1	<.01	22	460	<2	5	<20	10	0.12	<10	53	<10	<1	133
231	A21S+300W	<5	<.2	1.23	25	50	<5	0.18	<1	9	4	10	1.70	<10	0.24	275	2	<.01	10	1790	6	<5	<20	10	0.11	<10	53	<10	<1	41
232	A21S+350W	<5	<.2	1.44	20	55	<5	0.21	<1	16	36	22	2.10	<10	0.66	404	<1	<.01	36	770	<2	<5	<20	9	0.11	<10	52	<10	<1	80
233	A21S+400W	<5	<.2	1.46	25	45	<5	0.16	<1	17	57	29	2.22	<10	0.71	471	1	<.01	45	790	<2	<5	<20	8	0.12	<10	63	<10	<1	61
234	A21S+450W	<5	<.2	1.11	15	40	<5	0.13	<1	10	12	12	1.36	<10	0.38	231	<1	<.01	20	700	<2	<5	<20	12	0.11	<10	36	<10	<1	43
235	A21S+500W	<5	<.2	1.67	25	35	<5	0.24	<1	21	275	25	2.28	<10	1.38	317	<1	<.01	104	880	<2	<5	<20	8	0.12	<10	59	<10	<1	58
236	A21S+550W	<5	<.2	1.33	15	45	<5	0.13	<1	12	12	15	1.65	<10	0.38	206	<1	<.01	23	870	<2	<5	<20	8	0.12	<10	42	<10	<1	46
237	A21S+600W	<5	<.2	1.76	25	55	<5	0.25	<1	23	85	40	3.12	<10	1.13	654	<1	<.01	47	1010	<2	<5	<20	7	0.12	<10	63	<10	<1	73
238	A21S+650W	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
239	A21S+700W	<5	<.2	0.70	5	35	<5	0.10	<1	6	<1	5	1.07	<10	0.20	125	<1	<.01	4	940	<2	<5	<20	6	0.09	<10	24	<10	<1	31
240	A21S+750W	<5	<.2	0.78	10	35	<5	0.12	<1	8	<1	6	1.24	<10	0.21	137	<1	<.01	7	610	<2	<5	<20	8	0.10	<10	35	<10	<1	24
241	A21S+800W	<5	>30	1.21	20	35	<5	0.80	<1	12	47	42	1.75	<10	0.25	221	<1	<.01	48	270	10	<5	<20	29	0.14	<10	39	<10	10	34
242	A21S+850W	<5	<.2	0.79	10	50	<5	0.23	<1	8	3	7	1.38	<10	0.23	267	<1	<.01	9	1160	4	<5	<20	10	0.09	<10	38	<10	<1	40
243	A21S+900W	<5	0.8	0.75	10	45	<5	0.13	<1	6	<1	5	1.13	<10	0.17	200	<1	<.01	4	1330	2	<5	<20	8	0.08	<10	32	<10	<1	27
244	A21S+950W	<5	0.2	1.38	30	65	<5	0.24	<1	21	62	24	2.63	<10	0.82	557	<1	<.01	50	1550	4	<5	<20	8	0.11	<10	54	<10	<1	81
245	A21S+1000W	<5	<.2	1.17	30	50	<5	0.24	<1	18	42	19	2.00	<10	0.68	337	2	<.01	37	920	8	<5	<20	8	0.15	<10	51	<10	<1	51
246	A21S+50E	<5	0.8	0.70	10	40	<5	0.17	<1	8	4	6	1.25	<10	0.22	263	<1	<.01	7	670	<2	<5	<20	9	0.09	<10	34	<10	<1	35
247	A21S+100E	<5	<.2	1.17	40	30	<5	0.23	<1	12	29	19	1.91	<10	0.47	183	2	<.01	19	910	2	<5	<20	9	0.09	<10	49	<10	<1	45
248	A21S+150E	<5	<.2	1.42	35	40	<5	0.19	<1	17	36	26	1.99	<10	0.71	291	<1	<.01	32	710	<2	<5	<20	9	0.09	<10	44	<10	<1	74
249	A21S+200E	<5	<.2	1.31	30	40	<5	0.16	<1	13	37	30	1.96	<10	0.65	250	<1	<.01	27	400	<2	<5	<20	7	0.09	<10	47	<10	<1	36
250	A21S+250E	<5	<.2	1.83	55	60	<5	0.32	<1	18	69	66	2.78	<10	1.16	446	<1	<.01	93	420	<2	<5	<20	13	0.10	<10	57	<10	<1	51
251	A21S+300E	<5	<.2	1.31	25	40	<5	0.22	<1	11	48	40	2.21	<10	0.80	263	<1	<.01	26	300	<2	<5	<20	11	0.10	<10	55	<10	3	30
252	A21S+350E	<5	<.2	1.08	25	35	<5	0.29	<1	11	29	30	1.93	<10	0.78	292	<1	<.01	20	490	<2	<5	<20	12	0.09	<10	43	<10	1	26
253	A21S+400E	<5	0.4	0.76	50	110	<5	0.25	<1	25	28	165	5.64	<10	0.42	1875	6	0.02	41	670	12	<5	<20	13	<.01	<10	69	<10	90	115
254	A21S+450E	<5	<.2	2.17	45	90	<5	0.12	<1	22	54	81	3.56	<10	0.99	408	3	<.01	52	870	<2	<5	<20	6	0.05	<10	65	<10	<1	65
255	A21S+500E	<5	<.2	1.21	<5	50	<5	0.10	<1	6	5	10	1.26	<10	0.30	113	<1	<.01	9	460	<2	<5	<20	6	0.10	<10	29	<10	<1	26
256	A21S+550E	<5	<.2	1.39	25	70	<5	0.23	<1	12	31	30	1.86	<10	0.59	316	<1	<.01	30	430	<2	<5	<20	12	0.09	<10	49	<10	<1	34

Et #	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
257	A21S+600E	<5	<.2	0.89	15	45	<5	0.10	<1	7	2	7	1.14	<10	0.23	178	<1	<.01	8	800	<2	<5	<20	7	0.09	<10	32	<10	<1	27
258	A21S+650E	<5	<.2	2.32	35	70	<5	0.17	<1	25	165	39	2.97	<10	1.21	346	2	<.01	129	630	<2	<5	<20	7	0.13	<10	73	<10	<1	51
259	A21S+700E	<5	<.2	2.34	35	70	<5	0.14	<1	19	53	70	2.66	<10	1.12	258	2	<.01	72	490	<2	<5	<20	7	0.08	<10	53	<10	<1	51
260	A21S+750E	<5	<.2	2.29	35	85	<5	0.13	<1	20	63	68	2.68	<10	0.95	306	1	<.01	62	560	<2	<5	<20	6	0.10	<10	59	<10	<1	60
261	A21S+800E	5	<.2	0.98	10	40	<5	0.08	<1	8	5	11	1.22	<10	0.30	176	<1	<.01	11	480	<2	<5	<20	6	0.11	<10	33	<10	<1	39
262	A21S+850E	<5	<.2	0.98	<5	40	<5	0.13	<1	7	6	13	1.26	<10	0.32	217	5	<.01	14	610	<2	<5	<20	8	0.09	<10	31	<10	<1	28
263	A21S+900E	<5	<.2	1.28	30	55	<5	0.09	<1	11	23	14	1.43	<10	0.42	169	2	<.01	26	700	2	<5	<20	6	0.09	<10	39	<10	<1	44
264	A21S+950E	<5	<.2	2.13	35	35	<5	0.10	<1	15	43	40	2.40	<10	0.88	202	<1	<.01	43	930	<2	<5	<20	5	0.11	<10	50	<10	<1	65
265	A21S+1000E	<5	<.2	2.58	50	95	<5	0.17	9	20	48	178	2.57	<10	1.13	385	3	<.01	87	470	<2	<5	<20	10	0.13	<10	65	<10	<1	50
266	A24S+50W	<5	<.2	1.00	20	35	<5	0.27	<1	13	15	13	1.64	<10	0.41	358	2	<.01	15	270	<2	<5	<20	11	0.11	<10	38	<10	<1	81
267	A24S+100W	<5	<.2	1.71	30	50	<5	0.21	<1	21	49	36	2.55	<10	0.81	590	<1	<.01	34	780	<2	<5	<20	13	0.11	<10	53	<10	<1	83
268	A24S+150W	<5	<.2	1.16	35	55	<5	0.37	<1	20	36	15	2.19	<10	0.53	503	1	<.01	30	1490	<2	<5	<20	16	0.11	<10	48	<10	<1	75
269	A24S+200W	5	<.2	0.79	15	35	<5	0.15	<1	9	6	8	1.17	<10	0.25	187	<1	<.01	18	780	<2	<5	<20	11	0.10	<10	33	<10	<1	33
270	A24S+250W	<5	<.2	0.67	15	50	<5	0.20	<1	17	19	9	1.65	<10	0.30	860	<1	<.01	18	1260	4	<5	<20	10	0.09	<10	48	<10	<1	65
271	A24S+300W	<5	<.2	0.88	20	35	<5	0.19	<1	11	23	17	1.58	<10	0.43	314	<1	<.01	21	840	2	<5	<20	11	0.09	<10	44	<10	<1	39
272	A24S+350W	<5	<.2	1.03	25	50	<5	0.21	<1	16	38	20	2.03	<10	0.53	413	<1	<.01	34	760	4	<5	<20	11	0.09	<10	54	<10	<1	65
273	A24S+400W	5	<.2	0.42	15	55	<5	0.19	<1	9	5	5	1.10	<10	0.16	468	1	<.01	7	930	8	<5	<20	12	0.09	<10	37	<10	<1	45
274	A24S+450W	<5	<.2	0.45	5	30	<5	0.12	<1	7	6	6	1.12	<10	0.21	232	<1	<.01	7	780	<2	<5	<20	7	0.07	<10	31	<10	<1	38
275	A24S+500W	<5	<.2	0.52	15	30	<5	0.31	<1	6	1	6	1.37	<10	0.15	253	1	<.01	4	1070	4	<5	<20	14	0.08	<10	43	<10	<1	38
276	A24S+550W	<5	<.2	0.26	<5	20	<5	0.19	<1	5	<1	6	0.74	<10	0.11	216	<1	<.01	3	260	4	<5	<20	8	0.07	<10	26	<10	<1	25
277	A24S+600W	<5	1.2	1.28	35	45	<5	0.38	<1	21	68	47	2.91	<10	0.85	511	1	<.01	36	840	8	<5	<20	13	0.11	<10	61	<10	<1	65
278	A24S+650W	<5	<.2	1.07	20	55	<5	0.26	<1	17	38	17	1.84	<10	0.59	323	<1	<.01	28	1040	4	<5	<20	14	0.11	<10	51	<10	<1	63
279	A24S+700W	<5	<.2	0.35	10	50	<5	1.50	<1	8	10	15	0.77	<10	0.20	148	<1	<.01	13	940	10	<5	<20	32	0.03	<10	15	<10	1	39
280	A24S+750W	<5	<.2	0.67	15	45	<5	0.23	<1	10	11	11	1.26	<10	0.27	247	<1	<.01	12	770	4	<5	<20	11	0.10	<10	41	<10	<1	46
281	A24S+800W	<5	<.2	1.43	20	65	<5	0.35	<1	21	56	40	2.50	<10	0.86	494	<1	<.01	44	660	<2	<5	<20	11	0.14	<10	57	<10	<1	75
282	A24S+850W	<5	<.2	1.15	20	45	<5	0.23	<1	16	37	16	2.12	<10	0.56	441	<1	<.01	25	800	4	<5	<20	8	0.14	<10	56	<10	<1	57
283	A24S+900W	<5	<.2	1.66	30	40	<5	0.31	<1	20	98	44	2.61	<10	1.21	438	1	<.01	57	460	<2	<5	<20	8	0.17	<10	61	<10	<1	44
284	A24S+950W	<5	0.8	1.27	10	55	5	0.19	<1	15	59	3	2.04	<10	0.54	340	<1	0.01	94	740	6	<5	<20	5	0.10	<10	41	<10	7	57
285	A24S+1000W	<5	0.4	0.86	<5	130	10	0.41	<1	15	40	3	1.78	<10	0.37	1274	<1	<.01	42	1530	4	<5	<20	24	0.08	<10	35	<10	5	84
286	A24S+50E	<5	0.6	1.32	25	35	<5	0.19	<1	13	6	15	1.82	<10	0.49	191	<1	<.01	21	410	<2	<5	<20	15	0.12	<10	50	<10	<1	42
287	A24S+100E	5	<.2	1.50	40	55	<5	0.42	<1	16	23	50	2.11	<10	0.63	254	<1	<.01	147	290	<2	<5	<20	30	0.12	<10	51	<10	1	81
288	A24S+150E	<5	1.4	1.94	20	75	<5	0.19	<1	19	43	19	2.60	<10	0.73	281	<1	<.01	39	670	<2	<5	<20	13	0.12	<10	62	<10	<1	128
289	A24S+200E	<5	1.4	1.59	30	55	<5	0.22	1	17	31	18	2.34	<10	0.57	214	<1	<.01	49	570	<2	<5	<20	13	0.12	<10	63	<10	<1	84
290	A24S+250E	<5	0.4	1.56	40	55	<5	0.24	1	15	25	30	2.23	<10	0.65	226	<1	<.01	39	660	<2	<5	<20	15	0.11	<10	57	<10	<1	49
291	A24S+300E	<5	0.2	2.11	35	65	<5	0.41	<1	28	309	48	3.23	<10	1.66	608	<1	<.01	156	440	<2	<5	<20	18	0.12	<10	84	<10	<1	81
292	A24S+350E	<5	<.2	1.67	20	60	<5	0.31	<1	17	84	33	2.49	<10	1.11	354	<1	<.01	60	410	<2	<5	<20	18	0.11	<10	62	<10	<1	51
293	A24S+400E	<5	0.8	0.82	10	65	<5	0.23	<1	9	5	3	1.44	<10	0.38	285	<1	<.01	12	880	<2	<5	<20	18	0.08	<10	38	<10	<1	39
294	A24S+450E	<5	<.2	1.18	20	60	<5	0.17	<1	11	5	10	1.71	<10	0.44	183	<1	<.01	24	1080	<2	<5	<20	14	0.10	<10	54	<10	<1	39

Et #	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
295	A24S+500E	<5	1.0	1.36	15	50	<5	0.20	<1	16	41	30	2.44	<10	0.81	407	<1	<.01	48	630	<2	<5	<20	13	0.08	<10	58	<10	<1	55
296	A24S+550E	<5	0.2	1.57	20	120	<5	0.18	<1	17	54	15	2.44	<10	0.85	826	<1	<.01	56	720	<2	<5	<20	11	0.07	<10	60	<10	<1	68
297	A24S+600E	<5	0.6	0.88	5	100	<5	0.14	<1	10	<1	4	1.43	<10	0.36	395	<1	<.01	14	990	<2	<5	<20	13	0.08	<10	38	<10	<1	60
298	A24S+650E	<5	1.0	0.93	10	165	<5	0.23	<1	9	<1	12	1.61	<10	0.26	777	<1	<.01	12	920	<2	<5	<20	19	0.07	<10	45	<10	<1	80
299	A24S+700E	<5	0.4	0.56	5	110	<5	0.31	<1	6	<1	1	1.08	<10	0.21	406	<1	<.01	6	470	4	<5	<20	22	0.10	<10	34	<10	<1	46
300	A24S+750E	<5	0.2	0.99	10	100	<5	0.22	<1	11	<1	6	1.64	<10	0.36	434	<1	<.01	22	730	<2	<5	<20	19	0.11	<10	46	<10	<1	62
301	A24S+800E	<5	<.2	0.81	<5	55	<5	0.20	<1	7	<1	5	1.49	<10	0.26	178	<1	<.01	6	670	<2	<5	<20	18	0.10	<10	45	<10	<1	34
302	A24S+850E	<5	1.8	0.94	<5	50	<5	0.17	<1	8	<1	3	1.33	<10	0.28	153	<1	<.01	8	470	<2	<5	<20	16	0.11	<10	43	<10	<1	33
303	A24S+900E	<5	0.4	1.65	20	150	<5	0.20	<1	16	14	16	2.36	<10	0.59	1183	<1	<.01	33	1030	<2	<5	<20	20	0.09	<10	57	<10	<1	111
304	A24S+950E	<5	0.2	1.24	<5	55	<5	0.15	<1	11	<1	10	1.66	<10	0.47	165	<1	<.01	24	460	<2	<5	<20	12	0.12	<10	43	<10	<1	52
305	A24S+1000E	5	<.2	1.94	15	120	<5	0.28	<1	18	33	22	2.71	<10	0.85	437	<1	<.01	52	360	<2	<5	<20	14	0.10	<10	57	<10	<1	102
306	A27S+50W	<5	<.2	1.43	25	40	<5	0.26	<1	20	37	26	2.57	<10	0.78	528	<1	<.01	41	310	<2	<5	<20	15	0.12	<10	63	<10	<1	68
307	A27S+100W	<5	<.2	1.38	55	40	<5	0.15	<1	17	22	23	2.41	<10	0.63	331	<1	<.01	34	1320	<2	<5	<20	11	0.09	<10	50	<10	<1	73
308	A27S+150W	<5	<.2	1.63	45	60	<5	0.20	<1	21	44	17	2.67	<10	0.66	421	<1	<.01	50	820	<2	<5	<20	14	0.11	<10	61	<10	<1	77
309	A27S+200W	<5	<.2	2.60	40	60	<5	0.39	1	35	111	80	4.35	<10	1.41	730	<1	<.01	113	1000	<2	<5	<20	22	0.18	<10	95	<10	<1	142
310	A27S+250W	<5	1.2	1.48	10	60	<5	0.36	1	21	33	15	2.59	<10	0.72	591	<1	<.01	51	1120	<2	<5	<20	25	0.16	<10	64	<10	<1	78
311	A27S+300W	<5	0.4	1.08	<5	85	<5	0.17	<1	13	4	10	1.72	<10	0.46	627	<1	<.01	29	850	<2	<5	<20	18	0.12	<10	47	<10	<1	67
312	A27S+350W	<5	<.2	1.94	25	65	<5	0.17	<1	19	71	45	2.93	<10	1.09	618	<1	<.01	71	1010	<2	<5	<20	16	0.07	<10	64	<10	<1	80
313	A27S+400W	<5	0.6	1.31	10	80	<5	0.21	<1	16	40	10	2.08	<10	0.62	598	<1	<.01	52	980	<2	<5	<20	18	0.11	<10	54	<10	<1	88
314	A27S+450W	<5	0.4	1.41	<5	60	<5	0.15	<1	11	3	11	1.65	<10	0.47	267	<1	<.01	31	770	<2	<5	<20	13	0.12	<10	45	<10	<1	54
315	A27S+500W	<5	0.4	1.95	20	125	<5	0.28	<1	22	49	23	2.69	<10	0.83	505	<1	<.01	52	610	<2	<5	<20	16	0.14	<10	67	<10	<1	129
316	A27S+550W	<5	<.2	2.53	10	90	<5	0.21	<1	23	69	31	2.76	<10	1.14	407	<1	<.01	77	570	<2	<5	<20	11	0.16	<10	58	<10	<1	103
317	A27S+600W	<5	1.0	1.37	10	45	<5	0.22	<1	9	<1	4	1.50	<10	0.31	171	<1	<.01	8	1160	<2	<5	<20	16	0.10	<10	43	<10	<1	48
318	A27S+650W	<5	0.6	0.65	10	60	<5	0.14	<1	8	<1	1	1.11	<10	0.18	274	<1	<.01	<1	1290	2	<5	<20	12	0.11	<10	32	<10	<1	45
319	A27S+700W	<5	0.6	1.65	<5	65	<5	0.24	<1	15	19	20	2.17	<10	0.74	411	<1	<.01	31	710	<2	<5	<20	14	0.13	<10	43	<10	<1	75
320	A27S+750W	<5	0.6	1.28	<5	40	<5	0.18	<1	16	28	13	2.02	<10	0.79	305	<1	<.01	39	650	<2	<5	<20	8	0.16	<10	46	<10	<1	75
321	A27S+800W	<5	0.4	1.89	15	65	<5	0.17	<1	19	45	25	2.51	<10	1.00	406	<1	<.01	52	970	<2	<5	<20	9	0.15	<10	59	<10	<1	84
322	A27S+850W	<5	<.2	1.78	15	80	<5	0.30	<1	20	88	23	2.48	<10	1.03	436	<1	<.01	68	700	<2	<5	<20	16	0.16	<10	62	<10	<1	89
323	A27S+900W	10	1.0	1.47	10	75	<5	0.14	<1	16	28	10	1.90	<10	0.70	336	<1	<.01	42	1450	<2	<5	<20	11	0.12	<10	37	<10	<1	87
324	A27S+950W	20	0.4	1.59	20	70	<5	0.17	<1	17	41	18	2.41	<10	0.82	553	<1	<.01	55	1030	<2	<5	<20	11	0.12	<10	51	<10	<1	93
325	A27S+1000W	<5	0.6	0.66	10	85	<5	0.11	<1	8	<1	<1	1.10	<10	0.21	281	<1	<.01	12	1320	6	<5	<20	14	0.10	<10	37	<10	<1	35
326	A27S+50E	5	<.2	2.47	15	100	<5	1.12	<1	21	62	76	3.35	<10	0.86	433	<1	<.01	202	380	<2	<5	<20	66	0.12	<10	65	<10	4	101
327	A27S+100E	<5	<.2	2.18	25	65	<5	0.36	<1	20	67	30	2.78	<10	0.94	285	<1	<.01	71	310	<2	<5	<20	19	0.14	<10	69	<10	<1	82
328	A27S+150E	<5	0.6	0.26	<5	20	<5	0.06	<1	4	<1	<1	0.86	<10	0.08	147	<1	<.01	<1	240	2	<5	<20	7	0.09	<10	32	<10	<1	17
329	A27S+200E	<5	<.2	2.02	25	90	<5	0.49	<1	23	84	25	3.05	<10	0.84	403	<1	<.01	55	1600	<2	<5	<20	23	0.11	<10	78	<10	<1	144
330	A27S+250E	5	<.2	3.77	20	140	<5	0.35	<1	28	113	116	5.49	<10	2.31	850	<1	0.01	80	550	<2	<5	<20	16	0.01	<10	144	<10	12	125
331	A27S+300E	<5	<.2	1.28	20	65	<5	0.18	<1	12	15	17	2.15	<10	0.43	216	<1	<.01	20	400	<2	<5	<20	13	0.11	<10	63	<10	<1	33
332	A27S+350E	<5	<.2	1.69	25	100	<5	0.31	<1	20	59	11	2.66	<10	0.72	485	<1	<.01	49	820	4	<5	<20	17	0.10	<10	69	<10	<1	98

Et #	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
333	A27S+400E	<5	0.8	1.14	15	75	<5	0.21	<1	14	18	7	2.17	<10	0.43	364	<1	<.01	22	710	<2	<5	<20	16	0.09	<10	61	<10	<1	66
334	A27S+450E	<5	<.2	1.22	15	110	<5	0.24	1	17	32	5	2.14	<10	0.49	651	<1	<.01	35	1110	<2	<5	<20	18	0.09	<10	59	<10	<1	94
335	A27S+500E	<5	<.2	2.74	40	135	<5	0.37	<1	26	209	51	4.09	<10	1.66	836	1	<.01	117	570	<2	<5	<20	20	0.10	<10	95	<10	<1	77
336	A27S+550E	<5	<.2	1.95	15	190	<5	0.45	<1	23	98	27	3.18	<10	0.89	1147	<1	<.01	84	580	<2	<5	<20	28	0.12	<10	82	<10	2	110
337	A27S+600E	<5	<.2	1.26	15	160	<5	0.22	1	14	51	86	3.58	<10	0.62	369	<1	<.01	51	340	<2	<5	<20	21	0.03	<10	46	<10	<1	81
338	A27S+650E	<5	0.2	1.32	15	185	<5	0.43	<1	15	30	15	2.28	<10	0.49	798	<1	<.01	42	430	<2	<5	<20	31	0.09	<10	61	<10	1	115
339	A27S+700E	<5	<.2	1.33	15	190	<5	0.41	<1	16	24	14	2.49	<10	0.40	657	<1	<.01	37	450	2	<5	<20	30	0.08	<10	70	<10	<1	84
340	A27S+750E	<5	0.2	1.04	10	210	<5	0.47	<1	13	7	7	2.28	<10	0.33	911	<1	<.01	20	1120	2	<5	<20	37	0.09	<10	69	<10	<1	83
341	A27S+800E	<5	<.2	1.45	25	125	<5	0.28	<1	12	<1	16	2.10	<10	0.29	328	1	<.01	18	1130	6	<5	<20	23	0.10	<10	67	<10	4	60
342	A27S+850E	<5	1.0	1.30	10	150	<5	0.21	<1	11	<1	19	2.04	<10	0.32	446	<1	<.01	23	670	<2	<5	<20	21	0.06	<10	54	<10	<1	78
343	A27S+900E	<5	<.2	1.11	20	95	<5	0.32	<1	17	78	17	2.69	<10	0.52	676	1	<.01	30	610	2	<5	<20	14	0.07	<10	81	<10	<1	64
344	A27S+950E	<5	<.2	1.22	20	80	<5	0.27	<1	14	67	17	2.37	<10	0.54	616	1	<.01	21	740	<2	<5	<20	13	0.06	<10	72	<10	<1	56
345	A27S+1000E	<5	<.2	0.86	15	40	<5	0.23	<1	10	23	6	1.96	<10	0.24	251	<1	<.01	10	1050	4	<5	<20	12	0.08	<10	71	<10	<1	34
346	A30S+50W	<5	<.2	1.12	40	45	<5	0.31	<1	23	64	41	2.91	<10	0.65	640	2	<.01	21	1210	8	<5	<20	14	0.09	<10	95	<10	<1	110
347	A30S+100W	<5	<.2	2.03	55	50	<5	0.29	<1	39	157	43	4.84	<10	1.29	1131	<1	<.01	40	890	<2	<5	<20	10	0.10	<10	120	<10	<1	128
348	A30S+150W	<5	<.2	0.64	15	40	<5	0.33	<1	11	25	5	1.93	<10	0.24	310	<1	<.01	7	950	4	<5	<20	14	0.08	<10	67	<10	<1	42
349	A30S+200W	<5	<.2	0.99	20	35	<5	0.80	<1	15	68	12	2.09	<10	0.42	252	<1	<.01	49	540	2	<5	<20	28	0.10	<10	69	<10	2	48
350	A30S+250W	<5	<.2	1.27	25	50	<5	0.40	<1	26	376	16	2.83	<10	1.18	707	<1	<.01	75	860	<2	<5	<20	15	0.11	<10	96	<10	<1	64
351	A30S+300W	<5	<.2	0.55	15	35	<5	0.16	<1	11	45	6	1.53	<10	0.31	363	<1	<.01	13	810	2	<5	<20	9	0.08	<10	56	<10	<1	47
352	A30S+350W	<5	1.2	1.19	40	60	<5	0.27	<1	23	214	25	3.41	<10	0.89	1194	1	<.01	59	710	<2	<5	<20	12	0.06	<10	100	<10	<1	79
353	A30S+400W	<5	<.2	1.46	45	50	<5	0.27	<1	28	301	30	3.57	<10	1.23	1103	3	<.01	81	940	6	<5	<20	10	0.08	<10	116	<10	<1	84
354	A30S+450W	<5	<.2	1.18	20	60	<5	0.29	<1	19	138	17	2.39	<10	0.81	800	<1	<.01	42	690	<2	<5	<20	12	0.09	<10	65	<10	<1	66
355	A30S+500W	5	<.2	1.87	25	115	<5	0.32	<1	25	144	30	3.58	<10	1.08	1050	<1	<.01	42	900	<2	<5	<20	10	0.08	<10	84	<10	<1	112
356	A30S+550W	<5	<.2	0.75	10	35	<5	0.16	<1	9	19	6	1.66	<10	0.25	366	<1	<.01	7	960	2	<5	<20	8	0.08	<10	54	<10	<1	36
357	A30S+600W	<5	0.4	1.14	15	60	<5	0.24	<1	16	76	11	2.15	<10	0.59	681	<1	<.01	27	950	<2	<5	<20	10	0.09	<10	67	<10	<1	88
358	A30S+650W	10	<.2	1.67	35	100	<5	0.29	<1	24	162	31	3.07	<10	1.16	909	2	<.01	54	990	<2	<5	<20	10	0.12	<10	97	<10	<1	93
359	A30S+700W	<5	1.0	1.66	25	80	<5	0.54	<1	36	160	24	3.78	<10	1.12	1799	<1	<.01	55	1020	<2	<5	<20	16	0.11	<10	100	<10	<1	104
360	A30S+750W	<5	<.2	1.12	25	80	<5	0.29	<1	20	90	17	2.61	<10	0.71	883	1	<.01	31	980	2	<5	<20	12	0.11	<10	79	<10	<1	85
361	A30S+800W	<5	<.2	1.97	25	80	<5	0.32	<1	24	135	34	2.95	<10	1.21	707	<1	<.01	63	870	<2	<5	<20	15	0.16	<10	74	<10	<1	86
362	A30S+850W	<5	<.2	2.89	40	80	<5	0.44	<1	34	281	43	4.42	<10	1.78	961	1	<.01	103	1120	<2	<5	<20	14	0.23	<10	108	<10	<1	109
363	A30S+900W	<5	<.2	1.56	25	60	<5	0.26	<1	19	112	18	2.30	<10	0.89	418	<1	<.01	49	750	2	<5	<20	12	0.15	<10	65	<10	<1	51
364	A30S+950W	5	<.2	3.06	50	115	<5	0.37	<1	35	359	51	4.50	<10	2.26	828	<1	<.01	174	920	<2	<5	<20	10	0.20	<10	98	<10	<1	93
365	A30S+1000W	10	<.2	0.79	15	45	<5	0.27	<1	8	13	7	1.50	<10	0.23	378	<1	<.01	11	1400	2	<5	<20	15	0.10	<10	44	<10	<1	40
366	A30S+50E	<5	<.2	1.88	50	40	<5	0.36	<1	27	101	61	3.54	<10	1.08	452	1	<.01	54	410	<2	<5	<20	11	0.15	<10	90	<10	<1	66
367	A30S+100E	<5	<.2	0.79	25	25	<5	0.22	<1	15	35	13	2.09	<10	0.44	297	1	<.01	14	570	10	<5	<20	10	0.13	<10	68	<10	<1	58
368	A30S+150E	<5	<.2	0.80	15	35	<5	0.33	<1	9	4	7	1.66	<10	0.20	192	<1	<.01	4	1380	6	<5	<20	17	0.12	<10	60	<10	2	34
369	A30S+200E	<5	<.2	1.69	20	50	<5	0.35	<1	16	77	32	2.50	<10	0.96	372	<1	<.01	35	440	<2	<5	<20	12	0.12	<10	59	<10	<1	39
370	A30S+250E	5	<.2	1.50	50	70	<5	0.26	<1	32	26	249	8.35	<10	1.00	977	4	0.02	30	670	30	<5	<20	9	<.01	<10	62	<10	15	162

Et #	Tag #	Au (ppb)	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
371	A30S+300E	<5	<.2	1.46	35	65	<5	0.27	<1	16	87	28	3.07	<10	0.86	384	<1	<.01	32	690	4	<5	<20	11	0.07	<10	73	<10	<1	56
372	A30S+350E	<5	<.2	0.57	15	35	<5	0.23	<1	8	7	6	1.40	<10	0.17	270	<1	<.01	4	800	4	<5	<20	12	0.10	<10	44	<10	<1	32
373	A30S+400E	65	<.2	1.59	30	70	<5	0.28	<1	21	69	20	2.69	<10	0.76	402	<1	<.01	47	640	2	<5	<20	13	0.12	<10	74	<10	<1	73
374	A30S+450E	<5	<.2	2.05	30	70	<5	0.34	<1	26	197	21	3.52	<10	1.29	532	<1	<.01	93	950	6	<5	<20	15	0.13	<10	84	<10	<1	102
375	A30S+500E	<5	<.2	1.38	20	50	<5	0.32	<1	18	68	17	2.17	<10	0.67	420	1	<.01	45	870	6	<5	<20	16	0.12	<10	62	<10	2	51
376	A30S+550E	<5	1.0	1.78	25	65	<5	0.31	<1	27	157	27	3.38	<10	1.16	602	<1	<.01	106	960	<2	<5	<20	12	0.11	<10	79	<10	<1	104
377	A30S+600E	<5	<.2	1.94	40	80	<5	0.26	<1	26	156	30	3.50	<10	1.18	555	2	<.01	87	970	4	<5	<20	10	0.13	<10	77	<10	<1	112
378	A30S+650E	<5	<.2	2.18	30	90	<5	0.27	<1	28	112	48	3.54	<10	1.19	994	<1	<.01	80	830	<2	<5	<20	11	0.11	<10	72	<10	<1	94
379	A30S+700E	<5	<.2	1.54	30	95	<5	0.30	<1	22	80	26	3.20	<10	0.82	815	1	<.01	54	540	4	<5	<20	11	0.14	<10	79	<10	<1	75
380	A30S+750E	<5	<.2	1.48	25	175	<5	0.22	<1	17	52	27	2.87	<10	0.53	1506	1	<.01	41	770	<2	<5	<20	14	0.07	<10	64	<10	<1	89
381	A30S+800E	<5	1.0	2.03	20	230	<5	0.20	1	22	26	30	2.48	<10	0.58	1038	<1	<.01	45	900	<2	<5	<20	25	0.07	<10	60	<10	<1	90
382	A30S+850E	<5	<.2	0.73	10	110	<5	0.19	<1	10	<1	6	1.65	<10	0.26	470	<1	<.01	11	360	4	<5	<20	18	0.10	<10	60	<10	<1	46
383	A30S+900E	10	<.2	1.34	15	75	<5	0.20	<1	14	27	26	2.37	<10	0.57	296	<1	<.01	30	440	<2	<5	<20	15	0.10	<10	63	<10	<1	51
384	A30S+950E	5	0.6	1.12	5	65	<5	0.21	<1	10	<1	6	1.63	<10	0.25	299	<1	<.01	15	440	<2	<5	<20	19	0.09	<10	56	<10	<1	36
385	A30S+1000E	<5	0.2	1.26	20	80	<5	0.18	<1	12	5	9	1.89	<10	0.35	277	2	<.01	15	400	4	<5	<20	17	0.06	<10	59	<10	<1	52

Et #.	Tag #	Ag	Al %	As	Ba	Bi	Ca %	Cd	Co	Cr	Cu	Fe %	La	Mg %	Mn	Mo	Na %	Ni	P	Pb	Sb	Sn	Sr	Ti %	U	V	W	Y	Zn
QC DATA:																													
Repeat:																													
1	ABL+00S	<.2	1.48	<5	65	5	0.46	<1	17	89	26	2.99	<10	1.34	315	<1	0.02	87	480	<2	5	<20	22	0.11	<10	59	<10	8	46
39	ABL+1900S	<.2	1.73	15	60	5	0.17	<1	19	96	21	3.12	<10	1.04	385	<1	<.01	84	340	<2	<5	<20	13	0.14	<10	69	<10	7	74
115	A9S+700W	<.2	2.72	<5	95	10	0.66	1	24	81	89	4.63	<10	1.55	440	<1	0.03	125	220	<2	5	<20	42	0.21	<10	89	<10	15	347
153	A15S+100W	<.2	1.24	80	60	<5	0.29	<1	23	42	<1	2.82	<10	0.61	600	1	<.01	35	650	<2	<5	<20	13	0.09	<10	53	<10	<1	153
191	A18S+300W	<.2	2.37	50	75	<5	0.25	<1	42	117	149	4.66	<10	1.33	661	2	<.01	98	820	<2	<5	<20	8	0.14	<10	81	<10	<1	247
267	A24S+100W	<.2	1.80	35	55	<5	0.24	1	25	45	33	2.60	<10	0.90	582	<1	<.01	38	790	4	<5	<20	15	0.10	<10	60	<10	<1	82
305	A24S+1000E	<.2	2.27	25	175	<5	0.29	<1	22	36	24	3.10	<10	0.81	436	<1	<.01	51	330	<2	<5	<20	16	0.10	<10	59	<10	<1	110
343	A27S+900E	<.2	1.14	30	95	<5	0.28	<1	17	76	21	2.81	<10	0.59	625	2	<.01	36	640	4	<5	<20	14	0.08	<10	67	<10	<1	63
381	A30S+800E	0.6	1.84	10	225	<5	0.19	<1	16	27	27	2.53	<10	0.51	1025	<1	<.01	47	880	<2	<5	<20	20	0.06	<10	52	<10	<1	92
Standard 1991																													
		1.0	2.03	65	170	<5	1.75	1	20	63	78	4.32	<10	0.98	678	<1	0.01	24	690	22	<5	<20	61	0.10	<10	80	<10	10	77
		1.2	2.01	60	165	<5	1.87	<1	20	62	76	4.28	<10	0.96	671	<1	0.01	23	590	10	<5	<20	59	0.12	<10	79	<10	9	74
		1.0	2.00	65	160	5	1.87	1	20	63	75	4.25	<10	0.97	664	<1	0.01	23	690	10	<5	20	55	0.11	<10	79	<10	8	68
		1.0	1.98	60	165	<5	1.83	1	20	62	75	4.28	<10	0.97	668	<1	0.01	24	680	18	<5	<20	59	0.11	<10	79	<10	9	68
		1.0	1.78	75	150	<5	1.99	<1	24	72	80	4.00	<10	0.95	680	<1	<.01	16	780	18	<5	<20	58	0.10	<10	85	<10	4	74
		1.2	1.74	80	160	<5	1.90	<1	21	70	77	4.14	<10	0.99	710	1	<.01	17	710	20	<5	<20	53	0.13	<10	80	<10	5	72
		1.2	1.81	55	190	<5	1.81	<1	17	41	71	3.36	<10	0.79	725	<1	<.01	16	620	2	<5	<20	72	0.09	<10	81	<10	2	60
		1.4	1.73	70	150	<5	1.90	<1	22	63	86	4.08	<10	1.01	700	<1	<.01	18	730	18	<5	<20	58	0.11	<10	86	<10	2	76
		1.2	1.61	75	160	<5	1.88	<1	19	64	87	3.84	<10	0.92	680	<1	<.01	20	690	18	<5	<20	62	0.09	<10	77	<10	<1	72
		1.4	1.80	65	160	<5	1.78	<1	18	67	75	3.80	<10	1.02	706	<1	<.01	22	650	18	<5	<20	60	0.12	<10	80	<10	<1	71
		1.4	1.82	60	155	<5	1.94	1	20	66	80	3.73	<10	0.90	782	<1	<.01	18	700	18	<5	<20	61	0.11	<10	89	<10	1	69

NS = No sample

ECO-TECH LABORATORIES LTD.
Frank J. Pezzotti, A.Sc.T.
B.C. Certified Assayer

XLS/goldsummit

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Avino Mines & Resources ltd. File # 94-1583

400 - 455 Granville St., Vancouver BC V6C 1T1 Submitted by: Jim Miller/Talt

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
L94+1	3	51	10	148	.7	64	17	1030	6.44	2527	<5	5	2	157	.6	7	<2	43	3.98	.112	7	36	1.17	88	.07	9	1.17	.02	.19	<1	7430
L94+2	4	83	2	175	1.1	97	16	846	6.02	1231	<5	2	3	47	.3	4	<2	61	.45	.095	11	61	.84	239	.13	5	1.91	.02	.26	<1	2780
L94+3	1	39	<2	75	.1	62	11	397	3.10	11	<5	<2	<2	26	<.2	<2	<2	59	.30	.025	8	43	.85	134	.18	3	1.57	.02	.24	<1	23
L1N+25W	1	52	<2	80	<.1	143	19	387	3.35	23	<5	<2	<2	19	<.2	<2	<2	65	.41	.041	4	92	1.65	63	.21	3	2.06	.02	.09	<1	28
L1N+24W	1	38	2	73	.1	109	16	405	2.83	19	<5	<2	<2	18	<.2	<2	<2	62	.33	.043	4	71	1.09	65	.16	3	1.72	.02	.08	<1	16
L1N+21W	1	42	3	184	.1	214	22	311	3.32	18	<5	<2	<2	15	<.2	<2	<2	66	.24	.051	4	84	1.13	72	.16	3	2.19	.02	.08	<1	12
L1N+20W	1	72	2	66	.1	214	23	342	3.57	19	<5	<2	2	16	<.2	<2	<2	80	.29	.037	4	92	1.70	71	.17	2	2.03	.02	.13	1	10
L1N+19W	1	57	<2	65	.1	187	19	303	3.31	16	<5	<2	2	14	<.2	<2	<2	73	.28	.036	5	86	1.45	63	.18	2	2.05	.02	.08	1	8
L1N+18W	1	70	<2	49	<.1	222	18	314	3.51	18	<5	<2	<2	15	<.2	<2	<2	81	.27	.020	5	96	1.50	64	.18	2	1.68	.02	.19	1	8
RE L1N+18W	1	70	3	49	.3	231	18	316	3.50	18	<5	<2	<2	16	<.2	<2	<2	79	.28	.019	5	95	1.59	66	.18	2	1.71	.02	.10	3	11
L1N+17W	1	39	20	81	.1	206	18	336	2.80	14	<5	<2	<2	22	<.2	<2	<2	59	.36	.062	4	60	1.94	61	.14	3	1.69	.02	.07	<1	6
L1N+16W	2	41	2	113	.1	172	20	320	3.30	18	<5	<2	<2	17	<.2	<2	<2	67	.30	.068	5	79	1.24	64	.17	4	2.33	.02	.08	<1	5
L1N+15W	3	55	4	129	.2	215	28	351	3.82	27	<5	<2	<2	22	<.2	<2	<2	81	.36	.040	5	93	1.36	80	.19	3	2.37	.02	.07	1	8
L1N+14W	2	86	<2	60	<.1	239	27	423	4.56	17	<5	<2	<2	21	<.2	<2	<2	107	.41	.052	8	124	2.50	107	.30	4	2.90	.02	.28	<1	4
L1N+13W	1	40	2	85	.1	192	17	283	3.15	21	<5	<2	2	14	<.2	<2	<2	69	.23	.052	5	83	1.14	66	.14	3	1.80	.02	.06	1	6
L1N+12W	1	32	5	112	.2	117	17	285	2.96	24	<5	<2	<2	17	<.2	<2	<2	66	.27	.085	5	61	.88	77	.17	2	2.05	.02	.07	<1	3
L1N+11W	1	19	5	166	.3	85	10	268	1.97	14	<5	<2	<2	20	<.2	<2	<2	46	.28	.067	5	35	.43	55	.14	2	1.48	.02	.06	<1	2
L1N+10W	1	16	9	64	.2	37	8	260	2.03	16	<5	<2	<2	26	<.2	2	<2	53	.35	.092	5	21	.20	41	.15	<2	1.63	.03	.04	<1	2
L1N+9W	2	44	7	151	.1	84	13	238	2.74	10	<5	<2	<2	20	<.2	<2	<2	62	.24	.071	9	56	.69	90	.17	2	1.93	.02	.05	<1	2
L1N+8W	1	42	2	119	.1	164	18	301	3.19	14	<5	<2	<2	21	<.2	<2	<2	70	.35	.077	4	67	1.25	69	.17	3	2.21	.02	.08	<1	1
L1N+7W	2	46	3	136	.1	137	18	311	3.20	13	<5	<2	<2	18	<.2	<2	<2	70	.28	.064	3	68	1.14	67	.17	3	2.19	.02	.07	<1	1
L1N+6W	4	169	2	611	.4	242	22	509	4.70	60	<5	<2	2	42	.4	<2	<2	103	.66	.044	12	92	1.73	82	.19	4	2.79	.05	.14	<1	6
L1N+5W	2	49	3	89	<.1	202	20	295	3.51	18	<5	<2	<2	18	<.2	<2	<2	79	.30	.036	5	90	1.38	65	.17	3	2.26	.02	.08	<1	5
L1N+4W	1	35	2	95	.2	142	16	283	2.92	11	<5	<2	<2	14	<.2	<2	<2	67	.21	.046	5	67	.95	71	.16	2	1.88	.02	.06	<1	2
L1N+3W	1	34	2	94	.1	155	17	279	3.23	15	<5	<2	<2	14	<.2	<2	<2	74	.21	.039	5	79	.98	73	.16	2	1.98	.02	.05	<1	1
L1N+2W	1	51	5	93	.1	186	21	348	3.32	19	<5	<2	<2	18	<.2	<2	<2	80	.29	.028	3	82	1.31	105	.20	2	2.40	.02	.08	<1	1
L1N+1W	1	67	2	88	.1	183	20	363	3.15	20	<5	<2	<2	19	<.2	<2	<2	72	.32	.035	3	81	1.29	68	.18	2	2.01	.02	.08	<1	<1
L1N+00	3	58	3	88	.1	141	18	292	3.14	52	<5	<2	<2	19	<.2	<2	<2	74	.27	.022	3	68	.98	58	.15	3	1.94	.02	.06	<1	1
STANDARD C/AU-S	20	59	37	129	7.6	73	31	1071	3.96	43	18	6	36	52	16.9	14	21	62	.50	.090	41	56	.94	177	.09	33	1.88	.07	.15	10	46

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: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: JUN 6 1994 **DATE REPORT MAILED:** June 6/94 **SIGNED BY** ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

ACME ANALYTICAL

Avino Mines & Resources Ltd. FILE # 94-1488

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
L1S+8W	1	31	16	110	<.1	110	15	327	2.75	62	<5	<2	<2	15	<.2	2	2	50	.24	.031	4	62	.88	76	.15	3	1.71	.02	.06	<1	120
L1S+7W	1	32	5	157	.2	290	23	403	2.84	39	<5	<2	<2	19	<.2	<2	<2	51	.35	.050	4	318	1.30	66	.11	<2	1.53	.02	.07	<1	13
L1S+6W	3	27	15	222	<.1	55	23	747	3.23	149	<5	<2	<2	18	<.2	<2	2	52	.28	.041	5	43	.53	86	.12	3	1.51	.02	.06	<1	18
RE L1S+6W	3	27	12	215	.1	50	21	739	3.16	160	<5	<2	<2	17	<.2	<2	<2	50	.27	.040	6	38	.50	84	.12	<2	1.52	.02	.06	<1	35
L1S+5W	2	67	12	135	<.1	123	17	350	3.63	62	<5	<2	<2	14	<.2	<2	2	67	.25	.035	4	72	1.16	81	.16	<2	2.17	.01	.06	1	5
L1S+4W	4	60	6	144	<.1	91	17	346	3.30	108	<5	<2	<2	15	.3	<2	3	53	.26	.040	4	65	.92	90	.13	5	1.94	.01	.06	<1	13
L1S+3W	2	41	8	121	<.1	76	15	319	2.89	75	<5	<2	<2	15	.2	<2	2	50	.23	.038	3	53	.72	81	.13	2	1.79	.01	.06	<1	6
L1S+2W	4	44	4	184	<.1	78	16	378	3.58	332	<5	<2	<2	13	.3	<2	<2	54	.20	.051	3	56	.81	62	.13	<2	1.84	.01	.06	<1	35
L1S+1W	2	44	8	67	<.1	56	11	285	2.68	54	<5	<2	<2	18	.4	<2	<2	48	.28	.042	3	48	.76	87	.11	<2	1.93	.01	.10	<1	7
L1S+0W	2	47	7	120	<.1	108	16	352	3.35	72	<5	<2	2	13	<.2	<2	<2	53	.21	.063	4	82	1.12	67	.12	2	2.06	.01	.06	1	8
STANDARD C/AU-S	18	60	38	129	6.3	69	28	1046	3.96	38	17	6	36	49	15.5	14	22	61	.51	.088	39	56	.91	185	.08	38	1.88	.06	.16	10	53

Sample type: SOIL. Samples beginning 'RE' are duplicate samples.

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

GEOCHEMICAL ANALYSIS CERTIFICATE

Avino Mines & Resources Ltd. File # 94-1488 Page 1

400 - 455 Granville St. / Vancouver BC V6C 7T1 Submitted by: J.H.Miller Tayl

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
L00N+25W	1	47	13	54	.2	101	10	304	2.56	22	<5	<2	<2	21	.6	2	<2	56	.42	.022	5	65	.94	52	.15	5	1.44	.02	.07	2	6
L00N+24W	1	35	5	110	.2	78	7	253	2.00	57	<5	<2	<2	16	<.2	<2	<2	43	.29	.026	4	43	.72	38	.12	3	1.22	.02	.06	1	4
L00N+23W	1	43	10	43	<.1	117	12	351	3.31	18	<5	<2	2	12	<.2	<2	2	65	.27	.043	6	98	1.24	62	.14	3	1.51	.01	.09	2	24
L00N+22W	1	27	11	203	.2	212	18	325	2.94	48	<5	<2	<2	16	<.2	<2	<2	51	.26	.061	5	77	1.19	86	.16	3	2.11	.02	.07	<1	6
L00N+21W	1	32	8	52	.2	59	10	276	2.49	18	<5	<2	<2	15	<.2	<2	4	54	.24	.033	4	50	.77	92	.13	3	1.85	.02	.07	<1	3
L00N+20W	3	24	9	215	.3	72	14	469	2.99	158	<5	<2	2	15	.2	<2	<2	49	.25	.036	7	42	.58	83	.14	3	1.85	.01	.08	1	13
L00N+19W	1	33	11	194	.5	113	16	357	3.35	128	<5	<2	<2	15	.5	<2	<2	55	.27	.094	5	59	.85	102	.15	3	2.21	.02	.06	<1	4
L00N+18W	2	19	10	116	.2	53	10	293	3.34	236	<5	<2	<2	13	.2	<2	4	46	.22	.041	3	39	.58	60	.09	3	1.74	.01	.06	<1	42
L00N+17W	1	27	12	111	.2	88	13	295	3.32	326	<5	<2	<2	17	<.2	<2	3	53	.25	.027	6	55	.91	80	.12	3	2.08	.01	.04	1	36
L00N+16W	1	30	7	138	.2	100	16	374	3.69	197	<5	<2	<2	20	.2	<2	<2	68	.35	.034	6	49	1.20	72	.22	2	2.80	.02	.05	<1	7
L00N+15W	3	33	14	97	.2	132	17	283	3.67	135	<5	<2	2	18	.2	<2	<2	62	.28	.024	6	73	1.00	78	.17	4	2.63	.02	.05	1	13
L00N+14W	2	20	9	117	.2	72	12	275	3.25	147	<5	<2	<2	19	.2	<2	<2	50	.33	.032	6	50	.75	84	.12	3	2.04	.02	.05	3	9
L00N+13W	1	19	12	144	.1	76	13	287	3.52	140	<5	<2	<2	18	<.2	<2	<2	52	.33	.042	5	48	.87	81	.13	3	2.23	.01	.06	2	40
L00N+12W	3	25	13	140	.3	111	15	288	4.14	156	<5	<2	<2	23	<.2	<2	<2	64	.38	.029	7	67	.98	75	.17	4	2.92	.02	.05	3	27
L00N+11W	2	10	5	158	.2	34	8	268	3.08	132	<5	<2	<2	19	.2	<2	2	36	.31	.029	5	30	.61	65	.06	4	1.67	.01	.05	1	6
L00N+10W	1	5	6	71	.2	11	4	150	2.23	46	<5	<2	<2	17	<.2	<2	<2	28	.26	.048	5	10	.19	61	.03	2	.94	.02	.06	2	9
L00N+9W	1	20	8	156	.2	65	13	271	2.72	98	<5	<2	<2	22	.2	<2	<2	49	.39	.018	4	45	.74	72	.14	3	1.94	.02	.06	<1	7
L00N+8W	2	33	14	281	<.1	101	23	1138	6.06	112	<5	<2	<2	29	.7	<2	<2	111	.57	.023	4	61	2.05	59	.22	<2	3.28	.03	.04	<1	4
L00N+7W	1	62	5	94	<.1	97	36	880	7.50	70	<5	<2	<2	30	1.9	<2	<2	94	.80	.011	7	72	2.59	41	.45	<2	4.47	.01	.05	<1	2
L00N+6W	4	30	11	116	.4	70	16	386	3.97	68	<5	<2	<2	28	.3	<2	<2	93	.50	.029	5	57	1.33	69	.17	3	2.68	.02	.06	<1	2
L00N+5W	2	40	12	145	.3	81	17	363	3.50	27	<5	<2	<2	26	<.2	<2	<2	68	.52	.067	7	67	.93	96	.17	4	2.25	.02	.09	<1	4
RE L00N+5W	2	36	14	138	.1	81	17	369	3.44	25	<5	<2	<2	26	<.2	<2	<2	68	.53	.065	7	66	.91	90	.17	3	2.14	.01	.06	<1	3
L00N+4W	1	61	8	164	.2	114	19	372	3.41	22	<5	<2	<2	17	.4	<2	<2	68	.31	.047	5	68	1.09	109	.19	3	2.39	.02	.09	2	3
L00N+3W	2	36	10	112	.2	193	17	351	2.93	21	<5	<2	<2	14	<.2	<2	3	54	.25	.033	5	87	.92	84	.16	3	1.91	.01	.07	1	2
L00N+2W	1	55	8	93	.2	114	14	333	2.93	21	<5	<2	<2	11	<.2	<2	<2	53	.21	.058	4	64	.96	76	.14	3	2.06	.01	.07	1	10
L00N+1W	1	38	8	107	.1	97	13	337	3.00	20	<5	<2	<2	12	<.2	<2	2	55	.22	.044	4	57	.86	83	.15	3	2.08	.02	.08	1	5
L00N+00W	<1	42	6	87	.2	137	14	338	2.75	15	<5	<2	<2	14	<.2	<2	<2	53	.24	.043	5	57	1.04	85	.15	3	2.01	.02	.08	<1	3
L1S+16W	1	45	9	227	.1	143	19	328	3.48	37	<5	<2	<2	13	<.2	<2	<2	58	.22	.060	6	75	1.03	89	.15	2	2.11	.01	.07	<1	2
L1S+15W	1	36	9	124	.1	120	15	299	3.26	36	<5	<2	<2	13	<.2	<2	<2	60	.25	.043	4	73	.94	76	.15	3	1.96	.02	.09	<1	2
L1S+14W	2	50	9	110	.3	111	17	318	3.68	47	<5	<2	<2	14	<.2	<2	<2	66	.28	.054	4	76	.94	74	.15	3	1.97	.01	.06	1	6
L1S+13W	1	45	<2	167	.1	130	19	381	3.47	20	<5	<2	<2	14	.2	<2	<2	61	.31	.098	4	68	1.27	77	.18	2	2.23	.01	.08	<1	3
L1S+12W	1	48	<2	101	.2	159	15	300	2.87	30	<5	<2	<2	12	<.2	<2	<2	53	.26	.035	4	71	1.08	66	.17	2	1.82	.01	.09	<1	1
L1S+11W	1	33	7	219	.2	126	20	411	3.11	40	<5	<2	<2	15	<.2	<2	<2	52	.24	.075	4	61	.94	124	.17	3	2.01	.02	.11	<1	1
L1S+10W	5	111	15	118	.2	124	23	384	4.81	146	<5	<2	<2	11	.3	<2	<2	72	.20	.056	4	76	1.11	64	.16	2	2.22	.01	.06	<1	36
L1S+9W	1	48	9	253	<.1	117	19	346	3.40	58	<5	<2	<2	13	.2	<2	3	60	.24	.071	5	65	.97	75	.14	3	1.94	.01	.06	<1	3
STANDARD C/AU-S	18	62	41	123	7.5	74	28	1031	3.96	43	16	7	35	46	17.3	13	20	61	.50	.091	39	54	.90	184	.08	34	1.88	.06	.15	12	47

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: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: MAY 27 1994 DATE REPORT MAILED: June 1/94 SIGNED BY. D. Toye ...D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

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

GEOCHEMICAL ANALYSIS CERTIFICATE

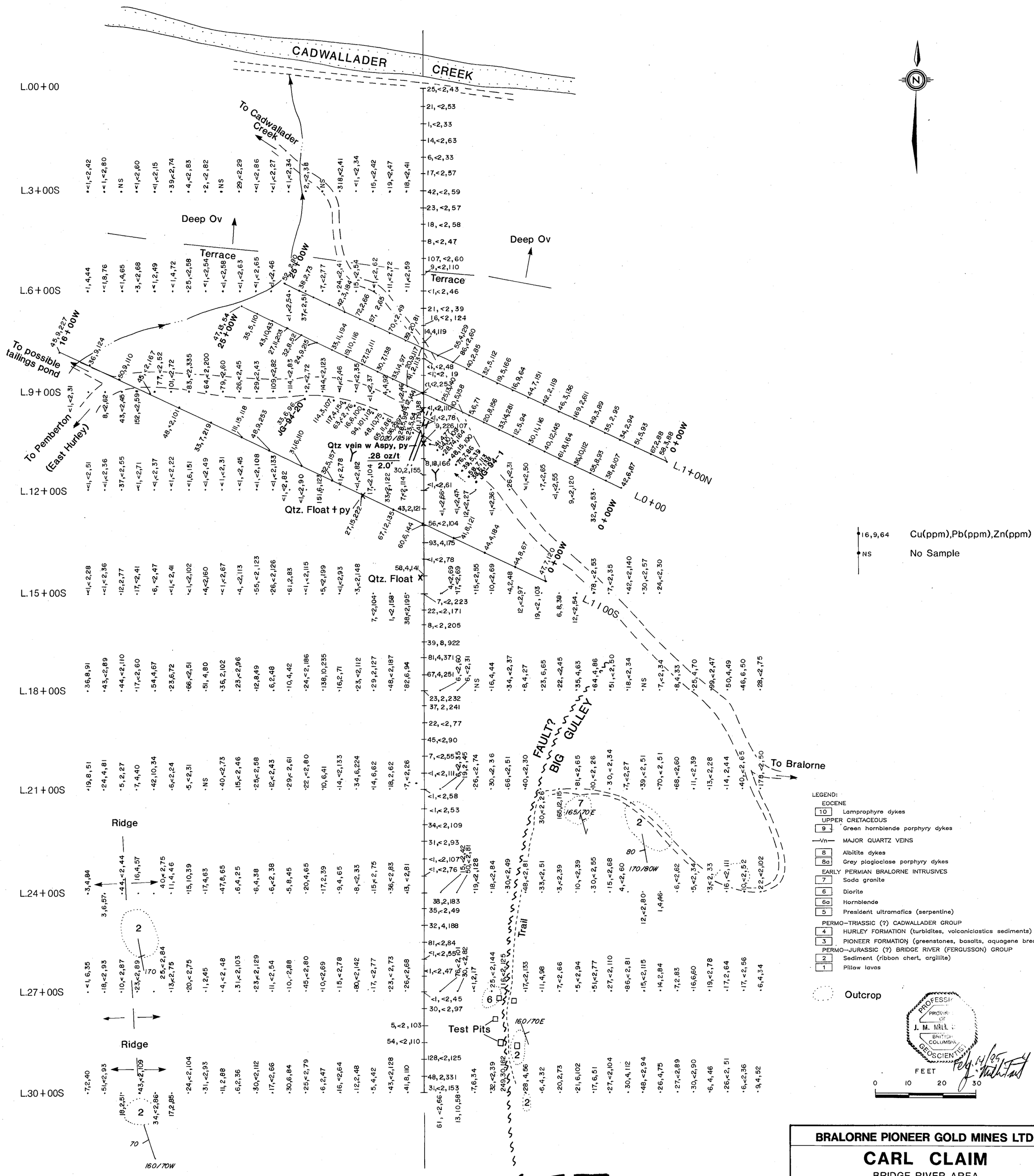
Avino Mines & Resources Ltd. File # 94-1099

400 - 455 Granville St., Vancouver BC V6C 7T1 Submitted by: Jim Miller-Tait

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
JG-94-1	5	38	6	138	.3	73	16	409	3.27	206	<5	<2	<2	41	<.2	<2	2	52	.62	.016	6	60	.88	73	.17	4	2.14	.02	.04	<1	14
JG-94-2	2	58	7	113	.2	121	19	357	3.53	74	<5	<2	<2	18	<.2	2	<2	59	.30	.054	5	87	1.16	74	.17	3	2.18	.01	.06	1	5
RE JG-94-2	2	63	10	115	.3	122	19	359	3.57	75	<5	<2	<2	19	<.2	<2	<2	60	.29	.055	4	86	1.17	76	.17	3	2.22	.02	.07	<1	9
JG-94-3	1	39	5	39	.2	48	7	258	2.29	33	<5	<2	2	28	<.2	2	2	42	.38	.033	6	43	.54	62	.12	2	1.26	.02	.06	4	32
JG-94-4	1	76	7	86	.2	156	19	588	4.01	58	<5	<2	2	20	<.2	2	<2	65	.35	.056	7	119	1.67	89	.18	4	2.47	.02	.09	1	19
JG-94-5	1	48	15	100	.3	66	12	316	3.80	440	<5	<2	2	23	<.2	<2	<2	50	.30	.030	9	62	.79	66	.10	2	1.66	.02	.07	22	94
JG-94-6	<1	28	74	164	2.1	15	22	2557	10.89	20687	<5	<2	2	100	<.2	<2	<2	10	.82	.099	11	11	.14	156	.01	<2	.56	.01	.05	2	1370
JG-94-7	2	54	10	109	.2	112	15	371	3.60	146	<5	<2	2	17	<.2	5	<2	54	.29	.036	6	91	1.15	63	.16	3	1.97	.01	.05	1	17
STANDARD C/AU-S	18	62	42	134	7.2	73	31	1059	3.96	43	15	7	35	53	19.8	15	20	55	.51	.097	36	59	.93	187	.08	33	1.88	.07	.15	13	51

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: SOIL AU* ANALYSIS BY ACID LEACH/AA FROM 10 GM SAMPLE. Samples beginning 'RE' are duplicate samples.

DATE RECEIVED: APR 20 1994 DATE REPORT MAILED: Apr 27/94 SIGNED BY ..... D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS



BRALORNE PIONEER GOLD MINES LTD.

CARL CLAIM

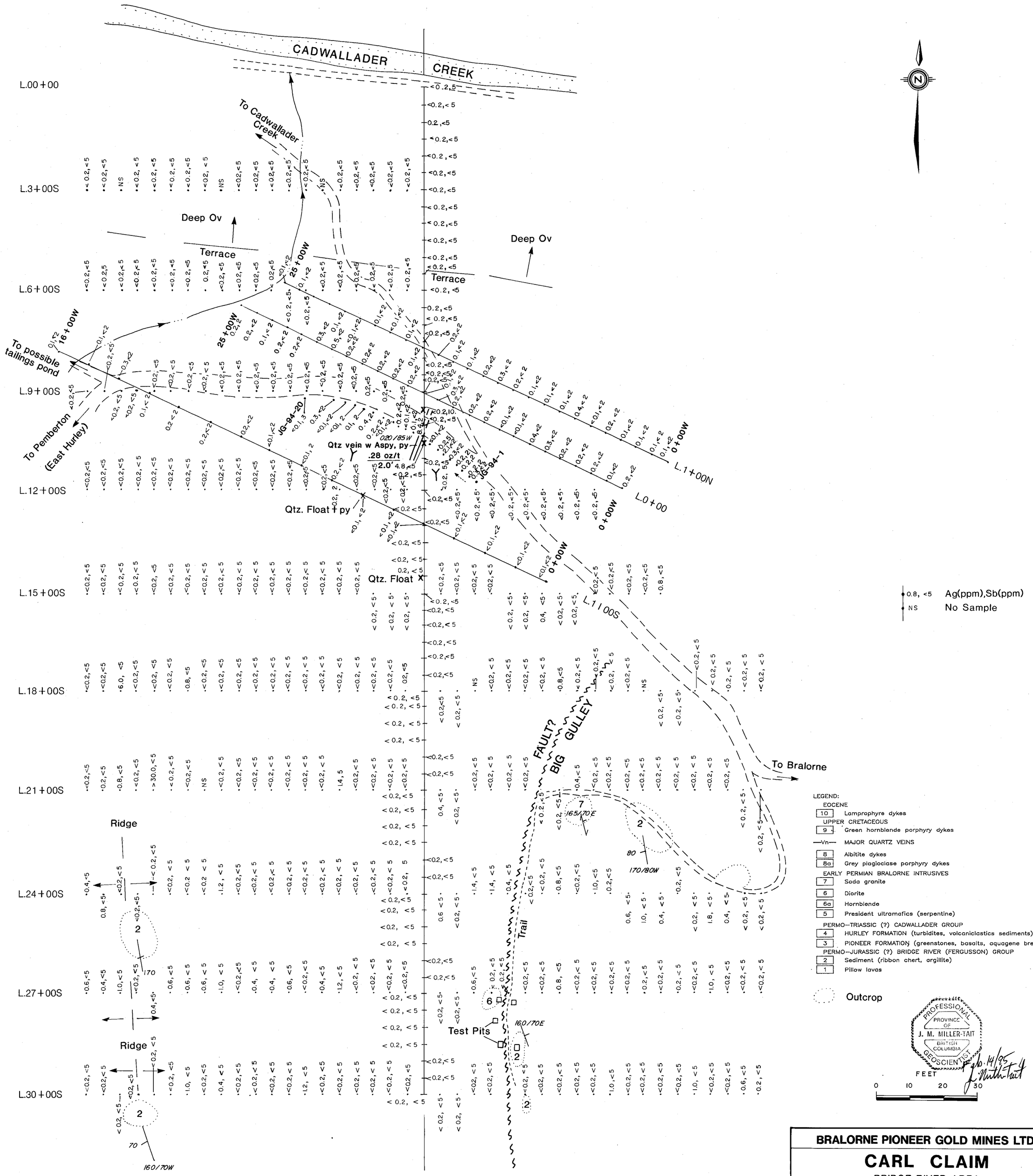
BRIDGE RIVER AREA

LILLOOET MINING DIVISION, B.C.

SOIL SAMPLES

COPPER (ppm), LEAD (ppm), ZINC (ppm)

SCALE: 1" – 200'	DRAWN BY:	FIG. NO.:
DATE: DEC., 1994	NTS: 92J/15W	



BRALORNE PIONEER GOLD MINES LTD.

CARL CLAIM

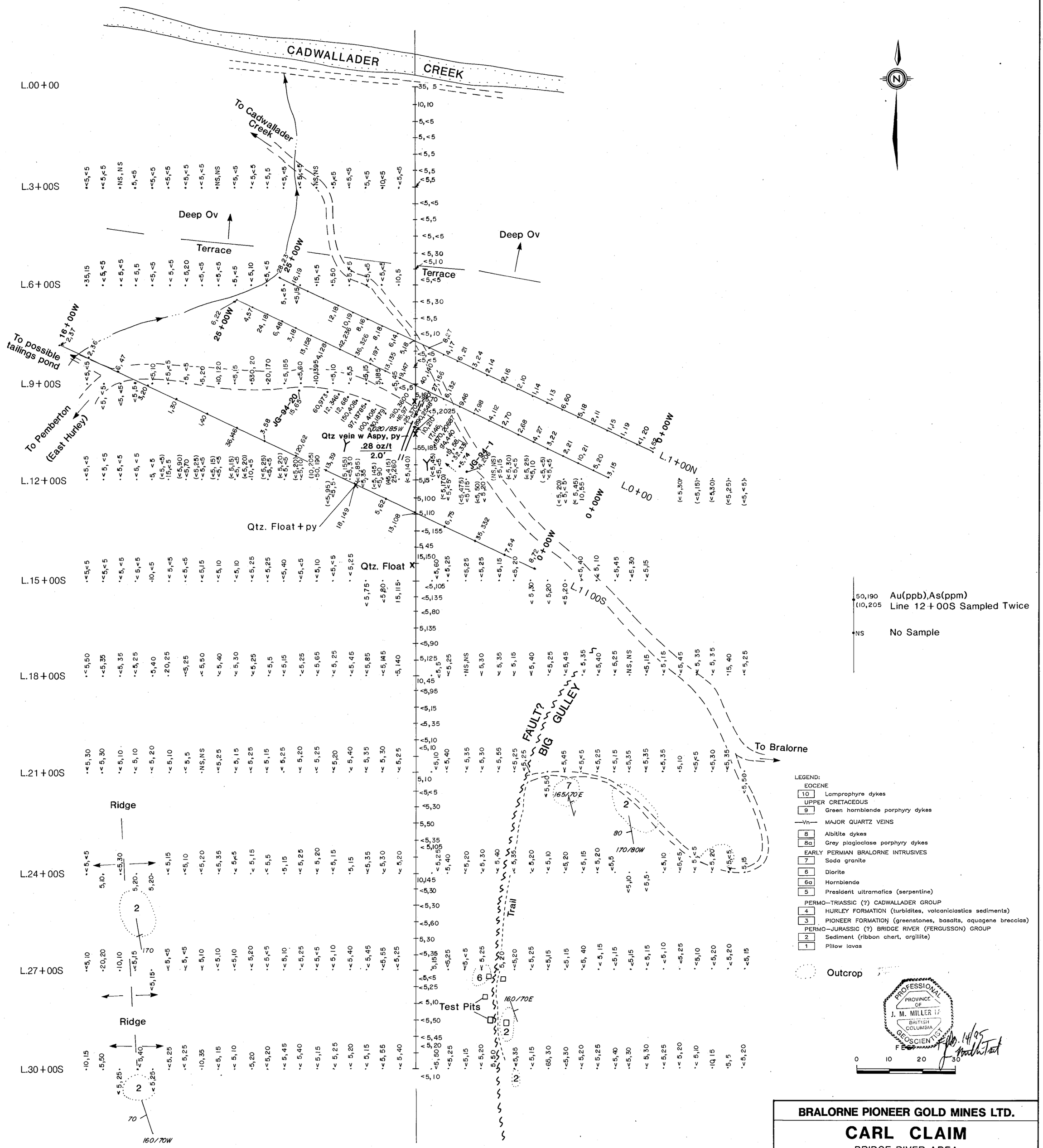
BRIDGE RIVER AREA

LILLOOET MINING DIVISION, B.C.

SOIL SAMPLES

SILVER (ppm), ANTIMONY (ppm)

SCALE: 1" - 200'	DRAWN BY:	FIG. NO.:
DATE: DEC., 1994	NTS: 92J/15W	



BRALORNE PIONEER GOLD MINES LTD.

CARL CLAIM

BRIDGE RIVER AREA

LILLOOET MINING DIVISION, B.C.

SOIL SAMPLES

GOLD (ppb), ARSENIC (ppm)

SCALE: 1" = 200'	DRAWN BY:	FIG. NO.:
DATE: DEC., 1994	NTS: 92J/15W	