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A REPORT ON
 GEOCHEMICAL SOIL SAMPLING
 AND TRENCHING PROGRAMS - 1993

BRALORNE PROPERTY
 LILLOOET MINING DIVISION
 BRIDGE RIVER AREA, B.C

LATITUDE 50'46'n

LONGITUDE 120'88'W

GEOLOGICAL BRANCH
ASSESSMENT REPORT

FOR

23,257

BRALORNE - PIONEER GOLD MINES LTD.
 SUITE 400 - 455 GRANVILLE STREET
 VANCOUVER, B.C. V6C 1T1
 CANADA

BRALORNE, B.C.
 DECEMBER 8, 1993

J. MILLER-TAIT, P.GEO.

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SUMMARY AND CONCLUSIONS

THE BRALORNE PROPERTY CONSISTS OF THE KING, BRALORNE, PIONEER MINES AND THE LOVE OIL (LOCO) PROPERTY. THE PROPERTY IS COMPRISED OF 154 CROWN GRANTS, 5 REVERTED CROWN GRANTS, 4 METRIC UNIT CLAIMS, 2 PLACER LEASES AND IS LOCATED AT THE TOWN OF BRALORNE 160 KMS. NORTH OF VANCOUVER, BRITISH COLUMBIA. THE PROPERTY IS OWNED BY AVINO MINES AND RESOURCES LTD. AND BRALORNE - PIONEER GOLD MINES LTD. HAS AN OPTION AGREEMENT WITH AVINO.

THE PROPERTY HOSTS GOLD AND SILVER ORE BODIES OCCURRING IN A SERIES OF QUARTZ VEINS MOST OF WHICH ARE BOUNDED ON THE NORTHEAST BY THE NORTHEAST DIPPING FERGUSSON FAULT AND ON THE SOUTHWEST BY THE SOUTHWEST DIPPING CADWALLADER FAULT. THE MAJORITY OF THE VEINS STRIKE EAST-WEST AND DIP NORTH AT 60-70 DEGREES EXCEPT FOR THE IMPORTANT CROSS-OVER VEINS (27 AND 85) WHICH STRIKE NORTH-SOUTH AND DIP WEST. THE PRINCIPAL VEINS ARE FOUND WITHIN THE BRALORNE DIORITE AND THE PIONEER GREENSTONE.

THE BRALORNE AND PIONEER MINES PRODUCED 4.15 MILLION OUNCES OF GOLD AND .95 MILLION OUNCES SILVER FROM 7.9 MILLION TONS OF ORE GRADING 0.53 OUNCES GOLD AND 0.12 OUNCES SILVER PER TON BETWEEN 1899 AND 1971 (PRINCIPAL PRODUCTION FROM 1932 TO 1971). OF THE 52 VEINS DISCOVERED IN THE 72 YEARS OF OPERATION, ORE WAS PRODUCED FROM 19, FROM SHOOTS WHICH AVERAGE 2 METERS WIDE, 100-200 M. STRIKE LENGTH, AND DIP LENGTHS UP TO 2,000 METERS. ORE REPRESENTED 20 % OF THE VEIN.

FOLLOWING THE CLOSURE OF THE BRALORNE MINE IN 1971, THE PROPERTY LAY DORMANT UNTIL IT WAS OPTIONED BY E AND B EXPLORATIONS IN 1980. E AND B AND ASSOCIATED COMPANIES (MASCOT, INTERNATIONAL CORONA, GOLDEN NORTH, ETC...) CARRIED OUT EXTENSIVE PROGRAMS OF EXPLORATION AND RE-HABILITATION DURING 1980 - 1991 AT THE BRALORNE MINE. THESE PROGRAMS EXPLORED VEINS WITH REMAINING RESERVES ABOVE THE 2600 LEVEL AND PARTICULARLY ABOVE THE 800 LEVEL, THE LOWEST ADIT LEVEL.

THE ORIGINAL BRALORNE - PIONEER PROPERTY WAS ACQUIRED BY AVINO MINES AND RESOURCES LTD. IN NOVEMBER 1991, AND COMBINED WITH THE ADJOINING LOCO PROPERTY, ON WHICH AVINO HAD BEEN EXPLORING TWO PRINCIPAL VEINS (PETER AND MILLCHUK). AVINO RE-HABILITATED ACCESS TO INDICATED RESERVES, COMPLETED SAMPLING PROGRAMS, AND WITH PROCON MINING AND TUNNELLING RECALCULATED THE RESERVES ABOVE THE 800 LEVEL.

IN JULY 1993, BRALORNE - PIONEER GOLD MINES LTD. MADE AN AGREEMENT WITH AVINO MINES AND RESOURCES LTD. TO EARN A 50% INTEREST IN THE PROPERTY BY SPENDING \$950,000 OVER 3 YEARS. DURING 1993 THEY COMPLETED RE-HABILITATION UNDERGROUND, EXTENSIVE SOIL GEOCHEMICAL AND GEOLOGICAL MAPPING PROGRAMS, FOLLOWED BY TRENCHING. THERE WERE A TOTAL

TOTALING 1000 m
^

OF 1,638 SOIL SAMPLES COLLECTED AND 36 TRENCHES ON "NEW"
GOLD BEARING VEINS.

THE RECOMMENDATIONS AND COST ESTIMATES ARE CONCENTRATED
UPON THESE "NEW" VEINS AND THE PROGRAM IS NOT DESIGNED TO
COVER THE ENTIRE BRALORNE/PIONEER/KING/LOCO PROPERTY. THIS
IS CURRENTLY BEING COMPLETED BY EXTENSIVE FEASIBILITY
STUDIES COMPLETED AND CURRENTLY UNDERWAY.

RECOMMENDATIONS AND COST ESTIMATES (NEW VEINS)

THE RECOMMENDATIONS ARE DESIGNED TO FURTHER EXPLORE THE 4 "NEW" VEINS DESIGNATED A, B, C, D. A PROGRAM OF FURTHER TRENCHING AND DIAMOND DRILLING IS RECOMMENDED TO FURTHER EXPLORE THE VEINS ALONG STRIKE AND DOWN DIP. THIS TYPE OF PROGRAM HAS PROVEN EXTREMELY SUCCESSFUL IN THE PAST. THE TRENCHING WILL BE CONFINED TO ZONES C AND D AS SOIL GEOCHEMISTRY INDICATES FURTHER STRIKE LENGTH. THE DIAMOND DRILLING WILL BE ON ALL 4 ZONES TO PROVE CONTINUITY DOWN DIP AND ALONG STRIKE. THE DRILLING WILL BE DESIGNED TO ESTABLISH PROBABLE TONNAGES AS WELL. THE PROGRAMS WILL BE VERSATILE TO BE ABLE TO CHANGE DEPENDING UPON RESULTS AS THE PROGRAM PROGRESSES.

TRENCHING PROGRAM: EXPLORE ZONES C AND D.

EXCAVATOR RENTAL (CAT 225 SIZE)	
15 DAYS AT \$1,000/DAY	\$15,000
GEOLOGICAL SUPERVISION AND MAPPING	5,000
SAMPLE ANALYSES	3,000
DRAFTING	2,000
TRAVEL, ACCOMODATION, FREIGHT, EXPENSES	3,000
<u>10% OFFICE OVERHEAD</u>	<u>2,800</u>
TOTAL	\$30,800

DIAMOND DRILLING: EXPLORE ZONES A - D.

DIAMOND DRILLING (NQ)	
7,500 FEET AT \$16/FT.	\$120,000
GEOLOGICAL SUPERVISION	10,000
SAMPLE ANALYSES	5,000
LABOUR	5,000
SURVEYING	5,000
DRAFTING	5,000
TRAVEL, ACCOMODATION, FREIGHT ETC.	5,000
<u>10% OFFICE OVERHEAD</u>	<u>15,500</u>
TOTAL	\$170,500

TOTAL BOTH PROGRAMS = \$201,300

INTRODUCTION

THE PURPOSE OF THIS REPORT IS TO DOCUMENT THE EXPLORATION WORK CARRIED OUT FROM MAY TO NOVEMBER, 1993, BY BRALORNE-PIONEER GOLD MINES LTD. ON THE BRALORNE PROJECT TO EARN THEIR INTEREST FROM AVINO MINES AND RESOURCES LTD. THE BRALORNE PROJECT INCORPORATES THE KING, BRALORNE, PIONEER MINES AS WELL AS THE ADJOINING LOVE OIL (LOCO) PROPERTY.

THE ABOVE MINES REPRESENT THE LARGEST GOLD CAMP IN BRITISH COLUMBIA BY PRODUCING 4,100,000 OUNCES OF GOLD FROM 8,000,000 TONS OF ORE WHICH REPRESENTS AN AVERAGE RECOVERED GRADE OF 0.51 OUNCES OF GOLD PER TON. THE LOCO PROPERTY HAS NEVER PRODUCED GOLD BUT WAS STAKED AT THE SAME TIME AS THE PRODUCING MINES AND HELD IN GOOD STANDING CONTINUOUSLY.

THIS REPORT IS NOT GOING TO DESCRIBE IN DETAIL THE EXTENSIVE WORK CARRIED OUT BY THE PAST PRODUCERS OR THE EXPLORATION PROGRAMS COMPLETED BY THE VARIOUS OWNERS. THESE DETAILS ARE WELL DOCUMENTED IN THE B.C. DEPARTMENT OF MINES, BRALORNE'S AND PIONEER'S ANNUAL REPORTS, AND FILINGS WITH THE B.C. DEPARTMENT OF MINES. THERE ARE VOLUMES OF REPORTS FROM VARIOUS WELL RESPECTED AUTHORS DESCRIBING IN DETAIL THE GEOLOGY, MINING, MILLING, ETC.. OF THE PROPERTIES INCORPORATED BY THE BRALORNE PROJECT. THEREFORE, THE AUTHOR WILL CONCENTRATE ON THE WORK CARRIED OUT IN 1993 WITH RECOMMENDATIONS ON THE RESULTS BUT WILL NOT GO INTO THE DETAILS OF THE MINE FEASIBILITY STUDY CURRENTLY UNDERWAY BY AVINO MINES AND RESOURCES LTD. AND BRALORNE-PIONEER GOLD MINES LTD..

IMPORTANT DISCOVERIES WERE MADE ON THE LOCO PROPERTY IN 1987. THE LOCO PROPERTY IS ON THE NORTHEAST SIDE OF THE FERGUSSON OVERTHRUST WHICH CUT OFF THE PRODUCING GOLD VEINS OF THE BRALORNE - PIONEER MINES. THE LOCO PROPERTY AND PART OF THE BRALORNE-PIONEER PROPERTY IS LOCATED ON A FLAT BENCH CALLED THE KINGDOM LAKE PLATEAU. THIS BENCH HAS BEEN EXTENSIVELY PROSPECTED BUT THERE IS VERY MINOR OUTCROP BECAUSE OF A COVERING OF GLACIAL OVERBURDEN AND VOLCANIC ASH. THE IMPORTANT DISCOVERIES OF 1987 WERE THE EXPOSING OF 2 MAJOR VEIN SYSTEMS; THE PETER AND MILLCHUK VEINS. THEY WERE DISCOVERED BY USING MODERN SOIL GEOCHEMICAL ANALYSES AND TRENCHING USING A LARGE EXCAVATOR TO EXPOSE THE BEDROCK WHICH IN TURN HELD THE NEW VEINS. IT WAS THEN REALIZED THAT THIS PLATEAU WAS UNDERLAIN BY THE BRALORNE DIORITE AND PIONEER GREENSTONE WHICH ARE THE HOST ROCKS FOR THE GOLD VEINS.

IN 1992-93 BRALORNE-PIONEER GOLD MINES LTD. CONCENTRATED ON THE PROVEN SYSTEM OF SOIL SAMPLING AND TRENCHING TO FURTHER EXPLORE THE AMALGAMATED PROPERTIES OF BRALORNE-PIONEER AND THE LOCO PROPERTY. THE AREA CONCENTRATED UPON IS THE KINGDOM LAKE PLATEAU WHERE THE NEW VEINS WERE DISCOVERED AND PROSPECTING HAD LED TO THE

CONCLUSION THAT THE AREA WAS UNDERLAIN BY THE BRALORNE DIORITE AND PIONEER GREENSTONE.

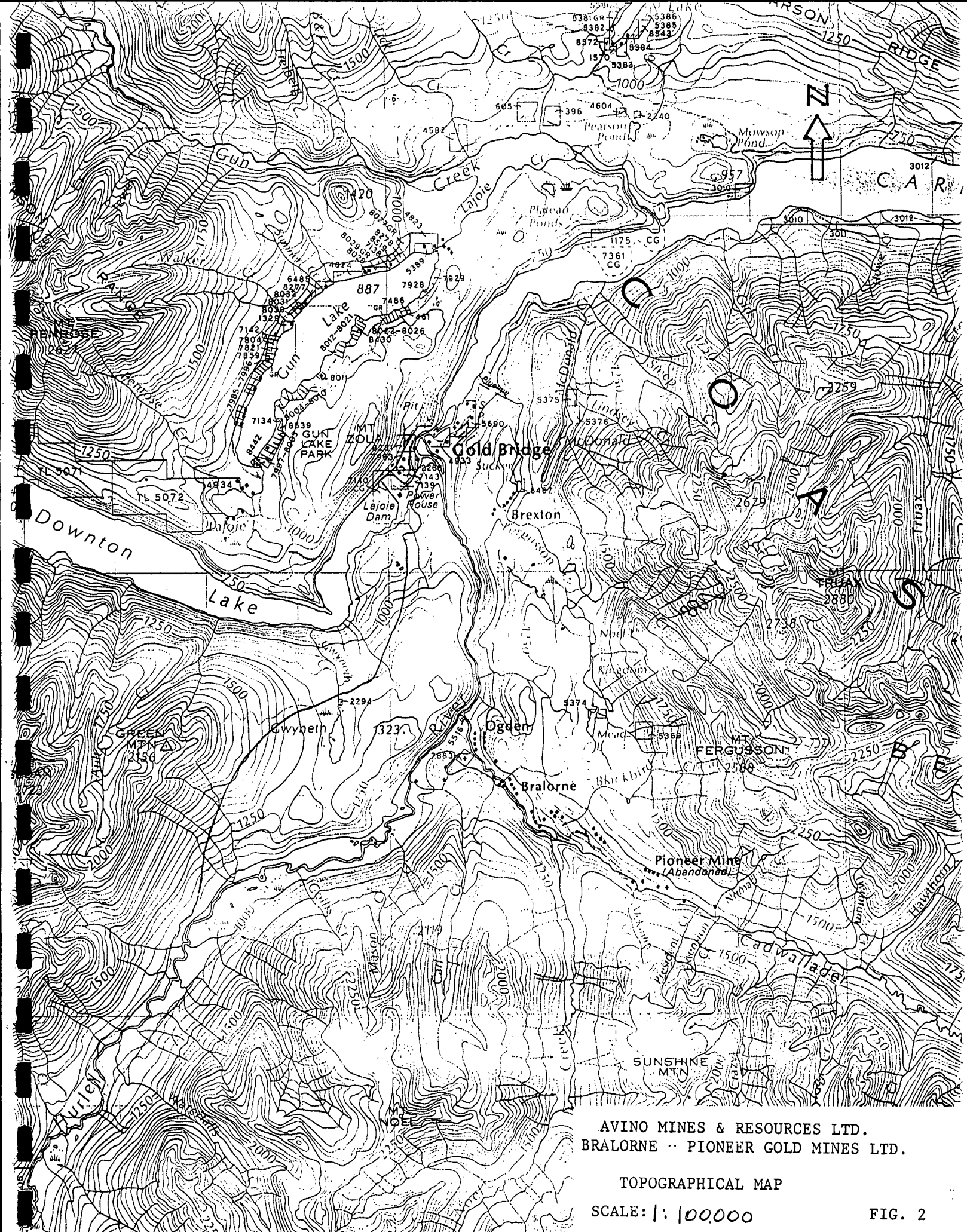
THIS REPORT ALSO BRIEFLY DESCRIBES THE RE-TIMBERING WHICH WAS COMPLETED ON THE MAIN BRALORNE 800-LEVEL TO PROVIDE ACCESS TO THE 51 B F.W. VEIN WHICH CONTAINS A SIGNIFICANT TONNAGE OF ORE UPON WHICH MINING PLANS HAVE AND ARE CURRENTLY BEING COMPLETED. ALSO BRIEFLY DOCUMENTED IS THE AREA OF THE OLD KING MINE RE-HABILITATED TO PROVIDE DRILL STATION ACCESS FOR THE PETER VEIN. THE DRIFT RE-HABILITATED IS ON THE LOCO CLAIMS ACCESSED THROUGH THE OLD KING MINE ON BRALORNE'S MAIN 800-LEVEL. THE DRIFT ITSELF IS CALLED THE NO. 2 DRIFT.

LOCATION, ACCESS, PHYSIOGRAPHY

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 LILLOET MINING DIVISION ON N.T.S. MAP SHEET 92-J-15.

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

THE BRALORNE 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. (2,000M.). THE WINTERS ARE LONG AND COLD WITH HOT, DRY SUMMERS.



AVINO MINES & RESOURCES LTD.
BRALORNE · PIONEER GOLD MINES LTD.

TOPOGRAPHICAL MAP

SCALE: 1 : 100,000

FIG. 2

CLAIMS DESCRIPTION

THE BRALORNE-PIONEER PROPERTY IS LOCATED IN THE LILLOOET MINING DIVISION AND IS COMPOSED OF 154 CROWN GRANTS, 5 REVERTED CROWN GRANTS, 4 METRIC UNIT CLAIMS AND 2 PLACER LEASES. THE PROPERTY HOLDINGS ARE AS FOLLOWS:

CROWN GRANTS

<u>NAME</u>	<u>LOT NO.</u>	<u>FOLIO NO.</u>	<u>ACRES</u>
COSMOPOLITAN	584	029998	16.33
VIRGINIA	5455	"	5.77
NOELTON FRACTION	5466	"	19.70
MAUSER	5457	"	12.54
CARL	5458	"	0.91
ALEX	5459	"	15.61
MATTHEW	5460	"	12.60
JOHN	5461	"	
KATHLEEN	5462	"	20.89
RAYMOND	5463	"	16.60
SAVAGE	5464	031461	19.96
WINCHESTER	5465	"	14.05
LEE METFORD	5466	"	11.73
CARBINE	5467	"	12.11
STAR NO. 1 FRACTION	5925	"	8.48
EDNA MARY	5920	"	18.41
ALEX FRACTION	5921	"	2.34
ALEX NO 2 FRACTION	5922	"	2.44
RAYMOND FRACTION	5923	"	1.86
STAR FRACTION	5924	"	10.04
BLUE JAY	6466	033480	14.80
PIONEER	456	029815	51.14
IDA MAY	457	"	45.71
NELLIE FRACTION	458	"	1.14
MARY FRACTION	459	"	35.21
TRIO FRACTION	460	"	44.66
LITTLE JOE	539	"	51.65
WHITE CROW	540	"	42.64
BEND'OR FRACTION	541	"	5.50
JIM CROW FRACTION	542	"	.90
DELIGHTED	543	"	26.22
WOODCHUCK	579	029963	38.20
COPELAND	580	"	24.61
HIRAM	581	"	42.35
MARQUIS	586	"	24.50
GOLDEN KING	587	"	45.445
LORNE	588	"	50.25
ALHAMBRA	665	"	24.65
NIGHT HAWK	666	"	28.25
LURGAN FR. NO. 1	667	"	3.62
LURGAN FR. NO. 2	668	"	8.55
METROPOLITAN	669	030090	32.83

TELEPHONE	670	"	28.70
WOOD DUCK	671	"	24.58
EXCHANGE FR.	673	"	21.85
BLACKBIRD	1176	"	37.70
COUNTLESS	1177	"	44.30
NELLIE	1179	"	39.50
WHIP POOR WILL	1221	"	44.00
DUKE	1222	"	19.00
ROYAL	1224	"	23.70
LEROY	1225	030244	39.30
MAUD S FR.	1226	"	30.50
SILVER DOLLAR	2372	"	46.62
GOLDEN RIBBON	2374	"	50.00
ALMA	2375	"	34.97
UNION FR	2376	"	45.86
GOLD QUEEN FR	2377	"	45.11
SILVER KING	2378	"	37.61
MOTHERLODE FR	2379	"	27.52
ANDY FR	2380	"	10.69
DON F	2381	030490	48.98
DON C	2382	"	19.11
DON A	2383	"	25.63
DON E	2384	"	38.11
DON B	2385	"	13.73
ROBIN	2387	"	5.89
RAINIER	2388	"	42.41
TACOMA	2389	"	31.63
SEATTLE	2390	"	16.68
NUGGET KING	2393	"	51.65
DON Z	2394	030619	5.47
SUNSET	3045	"	47.19
GREAT FOX	3046	"	51.65
EAST PACIFIC	3047	"	51.30
CLIFTON	3048	"	51.65
CORASAND	3049	"	41.27
EMMADALE	3050	"	44.00
UNION JACK FR.	3051	"	9.25
TITANIC FR	3053	"	9.15
INVINCIBLE	3091	"	40.49
LEON NO. 1	5323	031267	27.27
LEON FR.	5324	"	23.59
LEON NO. 2	5325	"	50.25
LEON NO. 3	5326	"	48.00
LEON NO. 4	5328	"	34.55
VICTOR FR	5331	"	8.84
HIRAM FR	5332	"	.27
EAGLE FR.	5468	"	23.18
EAGLE	5469	"	34.58
EAGLE NO. 1	5470	"	49.79
LUCKY BOY FR.	5475	031534	8.41
BESSIE FR.	5476	"	39.15
SAVOY	5477	"	45.70
EMPIRE FR	5478	"	20.06
EUREKA	5479	"	40.70

CASCADE FR	5480	"	26.43
COSMOPOLITAN FR	5481	"	25.93
DUKE FR	5482	"	3.90
CORONATION FR	5483	"	0.76
POLNUD	5484	"	47.54
MACK FR	5485	031631	40.65
NIGHT HAWK FR	5486	"	2.17
POLNUD FR	5487	"	1.54
PASADENA FR	5488	"	7.70
TELEPHONE FR	5489	"	11.42
MONICA MARJORIE	5508	"	42.40
A FRACTION	5517	"	6.92
HILDA	5518	"	43.03
B FRACTION	5519	"	2.77
MARGARET	5520	"	37.69
HOPE	5521	031739	38.88
DAVID	5522	"	12.50
JACK	5523	"	38.08
ANNETTE FR	5524	"	21.39
BUCK FR	5525	"	2.36
MILLBANK	5582	"	50.34
GREAT DIVIDE FR	5591	"	3.01
DEVELOPMENT NO 2	5594	"	18.94
DEVELOPMENT NO 1	5595	"	27.89
DEVELOPMENT NO 2A	5596	"	46.91
DEVELOPMENT NO 3	5597	032182	49.36
DEVELOPMENT NO 4	5598	"	47.63
SUNBEAM	5742	"	26.53
COMSTOCK NO 5	5743	"	24.86
COMSTOCK NO 2	5744	"	28.88
HOMESTAKE	5745	"	25.14
SUNSHINE	5746	"	37.20
COMSTOCK NO 3	5747	"	35.48
LORENZO	5748	"	35.05
ORION NO 4	5750	"	49.05
ORION	5751	032557	13.06
COMSTOCK NO 8	5752	"	43.52
COMSTOCK NO 7	5754	"	26.27
COMSTOCK NO 6	5755	032556	12.38
TURRET FR	6037	033014	3.43
GOLD KING	6038	"	21.77
EAGLE	6039	"	26.35
WHITE STAR	6040	"	32.83
ANNE FR	6041	"	21.68
DON C FR	6044	033120	9.84
ROBIN FR	6045	"	4.54
MARIA FR	6048	"	31.99
DIANE	6830	033812	49.05
HEATHER FR	6839	"	14.78
CAROL FR	6840	"	40.80
LEE FR	6945	"	0.18
AM	6946	"	33.84
BEEF FR	6947	034045	44.73
DEEP FR	6948	"	29.40

CASCADE FR	5480	"	26.43
COSMOPOLITAN FR	5481	"	25.93
DUKE FR	5482	"	3.90
CORONATION FR	5483	"	0.76
POLNUD	5484	"	47.54
MACK FR	5485	031631	40.65
NIGHT HAWK FR	5486	"	2.17
POLNUD FR	5487	"	1.54
PASADENA FR	5488	"	7.70
TELEPHONE FR	5489	"	11.42
MONICA MARJORIE	5508	"	42.40
A FRACTION	5517	"	6.92
HILDA	5518	"	43.03
B FRACTION	5519	"	2.77
MARGARET	5520	"	37.69
HOPE	5521	031739	38.88
DAVID	5522	"	12.50
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ANNETTE FR	5524	"	21.39
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DEVELOPMENT NO 2	5594	"	18.94
DEVELOPMENT NO 1	5595	"	27.89
DEVELOPMENT NO 2A	5596	"	46.91
DEVELOPMENT NO 3	5597	032182	49.36
DEVELOPMENT NO 4	5598	"	47.63
SUNBEAM	5742	"	26.53
COMSTOCK NO 5	5743	"	24.86
COMSTOCK NO 2	5744	"	28.88
HOMESTAKE	5745	"	25.14
SUNSHINE	5746	"	37.20
COMSTOCK NO 3	5747	"	35.48
LORENZO	5748	"	35.05
ORION NO 4	5750	"	49.05
ORION	5751	032557	13.06
COMSTOCK NO 8	5752	"	43.52
COMSTOCK NO 7	5754	"	26.27
COMSTOCK NO 6	5755	032556	12.38
TURRET FR	6037	033014	3.43
GOLD KING	6038	"	21.77
EAGLE	6039	"	26.35
WHITE STAR	6040	"	32.83
ANNE FR	6041	"	21.68
DON C FR	6044	033120	9.84
ROBIN FR	6045	"	4.54
MARIA FR	6048	"	31.99
DIANE	6830	033812	49.05
HEATHER FR	6839	"	14.78
CAROL FR	6840	"	40.80
LEE FR	6945	"	0.18
AM	6946	"	33.84
BEEF FR	6947	034045	44.73
DEEP FR	6948	"	29.40

AUDREY FR	6954	"	13.28
J.B. FRACTION	7428	"	2.22
JEAN FRACTION	7429	"	8.25
JEAN NO 4 FR	7430	"	29.53

REVERTED CROWN GRANTS

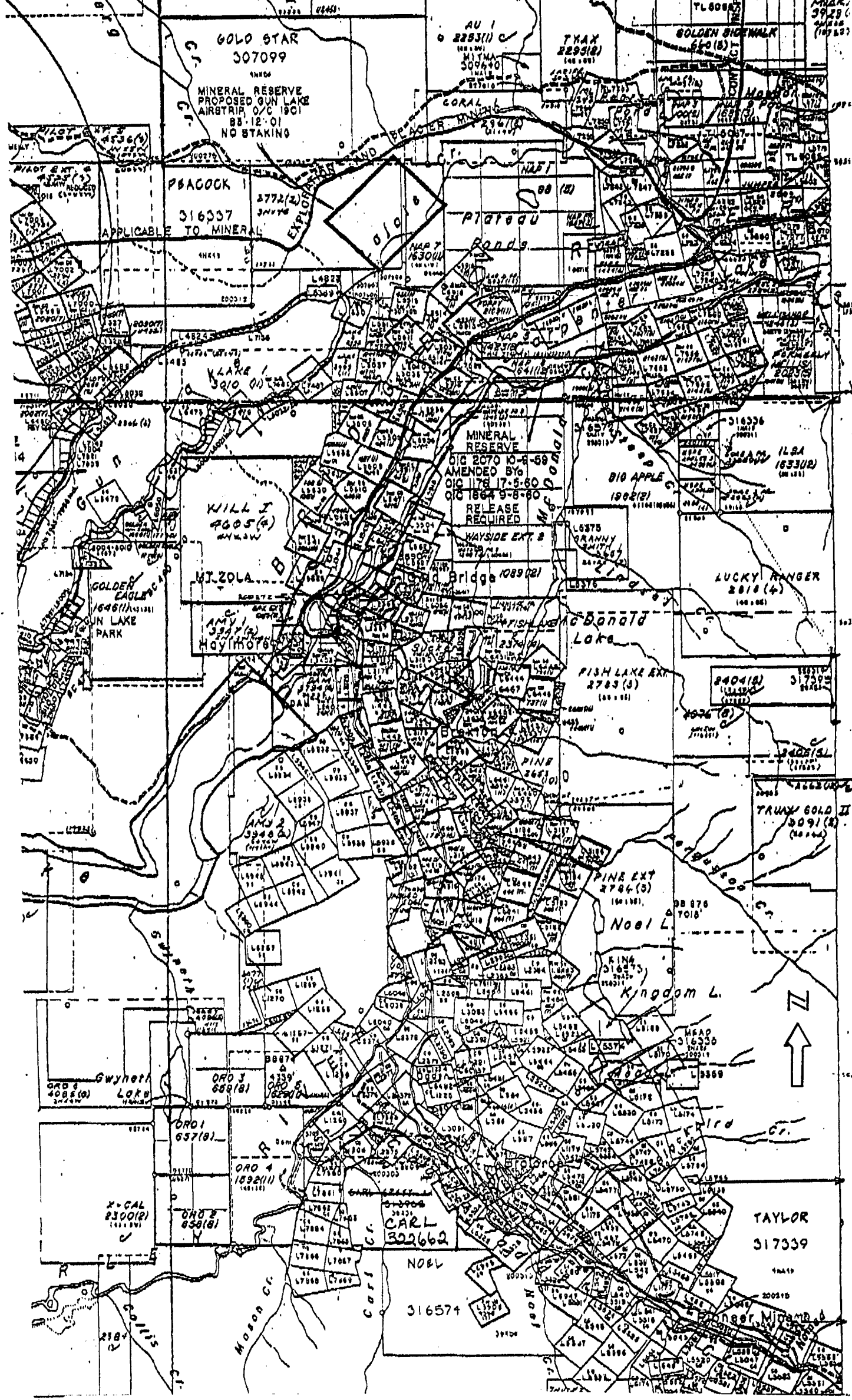
<u>NAME</u>	<u>RECORD NO.</u>	<u>EXPIRY DATE</u>	<u>SIZE</u>
ACE FR	228403	1994/02/01	13.44
OGDEN	228753	1997/03/26	11.90
OGDEN 1 FR	228754	1997/03/26	37.16
MCCALLUM FR	228759	1997/04/11	5.91
ROSALINE FR	228760	1997/04/10	8.23

MINERAL CLAIMS

CORA FRACTION	228395	1995/06/08	20.68
MEAD CLAIM	316338	1994/02/28	4 UNITS
NOEL	316574	1994/03/12	15 UNITS
KING	316573	1994/03/05	4 UNITS

PLACER LEASES

267604	1994/11/10
267605	1994/11/10



AVINO MINES & RESOURCES LTD.
 BRALORNE - PIONEER GOLD MINES LTD.

CLAIM MAP

SCALE: 1:50,000

FIG. 3

MINING HISTORY

BRALORNE-PIONEER PROPERTY

THE BRALORNE-PIONEER MINES WERE THE LARGEST PRODUCERS OF GOLD IN THE HISTORY OF GOLD MINING IN THE PROVINCE OF BRITISH COLUMBIA. DURING THE PERIOD 1900-1971 PRODUCTION TOTALED 4,154,119 OZ GOLD AND 950,510 OZ SILVER FROM THE MINING OF 7,931,000 TONNES, AVERAGING 0.530 OZ/TON RECOVERED GOLD.

THE FIRST OCCURRENCE OF GOLD IN THE BRIDGE RIVER AREA WAS RECORDED IN 1863, WHEN CHINESE PROSPECTORS FOUND PLACER GOLD DEPOSITS IN THE BRIDGE RIVER. IN 1896, THE FIRST LODE CLAIMS WERE LOCATED ON SUB-OUTCROPPING QUARTZ FISSURE VEINS. SUBSEQUENT DISCOVERIES CONTINUED UNTIL LARGER U.S. AND CANADIAN INTERESTS BEGAN TO ACQUIRE CONTROL OF THE FRAGMENTED MINING PROPERTIES DURING THE 1920'S.

IN MARCH, 1928, PIONEER GOLD MINES (B.C.) LIMITED WAS INCORPORATED AND BEGAN CONSTRUCTION OF 100 T.P.D. CYANIDE MILL.

BETWEEN 1910-1928 THE LORNE AMALGAMATED MINING COMPANY DEVELOPED THE KING VEINS, LATER USED BY BRALORNE MINES FOR INITIAL PRODUCTION. A NEWLY REFINANCED COMPANY, LORNE GOLD MINES LTD., TOOK CONTROL OF THE KING MINE IN 1919 AND DROVE A LOW LEVEL ADIT TO THE KING VEINS. THIS ADIT IS NOW THE PORTAL OF THE 8TH LEVEL, BRALORNE'S MAIN HAULAGE LEVEL. DUE TO FINANCIAL DIFFICULTIES OPERATIONS CEASED IN 1929.

IN APRIL 1931, BRALCO DEVELOPMENT COMPANY ACQUIRED A 60% INTEREST IN THE LORNE HOLDINGS AND INCORPORATED BRALORNE MINES LIMITED. MINING OF THE KING VEIN STARTED IN 1932. GOLD WAS PRODUCED BY 100 TPD GRAVITY/FLOTATION MILL. CAPACITY WAS EXPANDED TO 300 TPD IN 1935. IN 1961 CONSTRUCTION OF A NEW 600 TPD CYANIDE MILL ELIMINATED SHIPMENTS OF GOLD BEARING SULPHIDE CONCENTRATE TO THE TACOMA SMELTER IN WASHINGTON STATE.

IN 1959, WITH RESERVES DEPLETED AND CLOSURE IMMINENT PIONEER GOLD MINED AMALGAMATED WITH BRALORNE MINES. BY AUGUST 1960, MINING FROM THE PIONEER DIVISION WAS SUSPENDED. BY 1971, BRALORNE MINES FOUND MINING UNPROFITABLE AND CLOSED THE OPERATIONS.

IN 1973-1974, AN EXPLORATION PROGRAMME CONDUCTED BY BRALORNE RESOURCES LIMITED TO RE-EVALUATE THE PRODUCTION POSSIBILITIES OF THE BRALORNE-PIONEER MINE PROVED INCONCLUSIVE DUE TO THE INTRODUCTION OF ROYALTIES AND SUPER-ROYALTIES BY THE NDP GOVERNMENT. THE PROPERTY THEN LAY

DORMANT UNTIL E&B EXPLORATIONS OPTIONED THE GROUND IN JULY 1980.

IN JULY 1980, E&B EXPLORATIONS INC. CONCLUDED AN AGREEMENT WITH BRALORNE RESOURCES LTD. TO EXPLORE AND DEVELOP THE MINE AND DETERMINE THE FEASIBILITY OF RE-OPENING. E&B EARNED A CUMULATIVE \$5 MILLION BY YEAR END 1982. E&B'S INTEREST SUBSEQUENTLY PASSED TO ASSOCIATED COMPANY MASCOT GOLD MINES AND IN 1988 ANOTHER ASSOCIATED COMPANY, THE GOLDEN NORTH ACQUIRED A 57.54% INTEREST IN THE BRALORNE PROPERTY BY SPENDING \$9 MILLION. NEARLY ALL OF THE E&B/MASCOT/INTERNATIONAL CORONA WORK PROGRAMMES (1980/1991) WERE AIMED AT TARGETS ON THE BRALORNE PROPERTY. THE PIONEER GROUND WAS REGARDED AS COMPLETELY MINED OUT. A DRILL PROGRAMME (1988) TO EXPLORE THE 27 VEIN SYSTEM NEAR SURFACE FAILED TO INTERSECT THE VEIN).

THE INITIAL (1980, 1981) 16 HOLE SURFACE DIAMOND DRILL PROGRAMME TOTALING 16,465 FEET WAS DESIGNED TO TEST TWO MAIN TARGET AREAS. THE UP DIP EXTENSION OF THE 809 AND 812(ALHAMBRA) VEINS AND POSSIBLE VEIN STRUCTURES BETWEEN THE KING VEIN AND THE 55 VEIN WITHIN THE HANGING WALL OF THE EMPIRE FAULT AND THE HANGING WALL OF THE 51 VEIN STRUCTURE.

AN UNDERGROUND DIAMOND DRILLING PROGRAMME (20 HOLES, 11,127 FEET) TESTED TARGETS ON THE 800 LEVEL IN AN AREA FROM THE KING CURVE THROUGH THE ALHAMBRA VEIN SYSTEMS TO THE HANGING AND FOOT WALL ZONES OF THE EMPIRE FAULT.

THE 1984 EXPLORATION PROGRAMME CONTINUED THE ASSESSMENT OF THE GOLD RESERVE POTENTIAL ABOVE 800 LEVEL IN THE ALHAMBRA AREA AND IN THE HANGING WALL AND FOOTWALL SYSTEMS OF THE 51 STRUCTURE. SURFACE DRILLING TOTALING 23,033 FEET CONCENTRATED ON NEAR SURFACE GOLD BEARING SHOOTS WITHIN THE TAYLOR, 51B FOOTWALL, COUNTLESS - 77, AND 52 VEIN SYSTEMS. UNDERGROUND DIAMOND DRILLING (6624 FEET) TESTED UNEXPLORED AREAS ADJACENT TO THE 800 LEVEL WORKINGS AND PROVIDED UP DIP INFORMATION ON NEWLY EXPLORED VEIN STRUCTURES. FOUR DRIFT HEADINGS TOTALING 1034 FEET OPENED UP NEW VEINS AND PROVIDED STATIONS FOR FURTHER EXPLORATORY DRILLING. APPROXIMATE COST OF THE 1984 EXPLORATION PROGRAMME WAS \$1.89 MILLION.

IN 1985 A GEOPHYSICAL PROGRAMME CONSISTING OF 28.9 LINE MILES OF VLF AND MAGNETOMETER SURVEYS WAS CONDUCTED OVER PORTIONS OF THE PROPERTY UNDERLAIN BY PIONEER GREENSTONES AND BRALORNE INTRUSIVES, WHICH HAD RECEIVED ONLY SUPERFICIAL SURFACE EXPLORATION WORK.

NO WORK WAS PERFORMED AT BRALORNE IN 1986 OR 1987.

THE 1988 EXPLORATION PROGRAMME CONSISTED OF:

A) REHABILITATION AND DRIFTING: THE EMPIRE SHAFT AND MANWAY WERE REHABILITATED BETWEEN THE 300 AND 800 LEVELS AND A

TUGGER HOIST INSTALLED IN ORDER TO PROVIDE ACCESS TO THE 400 LEVEL FOR DIAMOND DRILLING. TRACK, AIR AND WATER PIPE WERE INSTALLED ALONG THE ENTIRE LENGTH OF THE 400 LEVEL WORKINGS EAST OF THE EMPIRE FAULT. DOGLEG DRIFTS WERE COMPLETED ON THE 400 AND 800 LEVELS IN ORDER TO PROVIDE ACCESS TO THE 51B FOOTWALL VEIN BEHIND CAVED PORTIONS OF THE MINE WORKINGS AND THREE CROSSCUTS, ONE ON THE 800 LEVEL AND TWO ON THE 400 LEVEL, WERE STARTED IN ORDER TO ESTABLISH DRILL STATIONS IN THE HANGINGWALL OF THE 51B FOOTWALL VEIN.

B) SURFACE DRILLING: 31 HOLES (18,869 FEET) WERE DRILLED IN FOUR AREAS ON THE PROPERTY.

C) UNDERGROUND DRILLING: 31 DRILL HOLES (12,115 FEET) WERE DRILLED FROM THE 400 LEVEL TO TEST THE 51B FOOTWALL VEIN AND LARGE UNMINED PORTIONS OF THE 51 VEIN.

D) TRENCH SAMPLING: A SYSTEMATIC PROGRAMME OF SAMPLING 53 OLD TRENCHES WAS UNDERTAKEN. FIVE NEW TRENCHES WERE SUBSEQUENTLY DUG WITH AN EXCAVATOR IN THE KING MINE AREA. THREE OF THE TRENCHES TARGETED A NEW VEIN DISCOVERED IN DRILL HOLE SB88-72 WHICH AVERAGED 0.536 OZ/TON GOLD OVER A TRUE WIDTH OF 8.5 FEET. THE REMAINING TWO TRENCHES WERE ON THE SHAFT VEIN IN AN AREA WHERE GRAB SAMPLES FROM OLD TRENCHES ASSAYED BETWEEN 0.802 AND 6.599 OZ/TON GOLD;

E) UNDERGROUND SAMPLING: THE PROGRAMME OF UNDERGROUND SAMPLING WAS COMPLETED ALONG ACCESSIBLE PORTIONS OF THE MAJOR VEINS ON THE 400 AND 800 LEVELS IN ORDER TO FILL GAPS IN THE ORIGINAL SAMPLE RECORDS AND INCLUDE WALLROCK ASSAYS IN THE HOPE OF INDICATING ORE GRADES OVER MINEABLE WIDTHS WHERE THE VEINS ARE NARROW. IN THE BRALORNE MINE 51, 51FW, 51B AND 51BFW VEINS WERE SAMPLED ON THE 400 LEVEL AND THE 51BFW VEIN ON THE 800 LEVEL. IN THE KING MINE THE SHAFT AND KING VEINS WERE SAMPLED ON THE 800 LEVEL. LOW OXYGEN AND ELEVATED LEVELS OF METHANE PREVENTED THE NORTH VEIN FROM BEING SAMPLED, AND THE C VEIN WAS INACCESSIBLE

F) UNDERGROUND MAPPING: DURING THE PROGRAMME IT WAS REALIZED THAT MANY OF THE EXISTING UNDERGROUND GEOLOGY MAPS WERE POOR REPRESENTATION OF THE TRUE GEOLOGY. STRUCTURAL DATA, IN PARTICULAR, WERE OFTEN MISSING OR INCOMPLETE. IT WAS FELT THAT A BETTER UNDERSTANDING OF THE PROPERTY GEOLOGY RELATING TO VEIN STRUCTURES WOULD BE AN IMPORTANT AID IN RECOGNIZING ORE CONTROLS AND POSSIBLY BE AN AID IN FINDING NEW ORE. AS MUCH AS POSSIBLE OF THE ACCESSIBLE WORKINGS, ON THE KING 800 LEVEL AND THE BRALORNE 400 AND 800 LEVELS WERE THEREFORE REMAPPED, AT A SCALE OF 1 INCH TO 40 FEET. IN ADDITION PORTIONS OF THE 10, 12, 14, 16 AND 18 LEVELS WERE EXAMINED.

THE 1988 PROGRAMME RESULTED IN RECALCULATION OF THE OVERALL GEOLOGICAL MINERAL INVENTORY AT BRALORNE. THE GEOLOGIC RESERVES CALCULATED BY J. DELEEN IN 1985 WERE ADJUSTED TO REFLECT THE CHANGES IMPOSED BY THE 1988 PROGRAM. THE TOTAL GEOLOGIC MINERAL INVENTORY ABOVE THE 2600 LEVEL CALCULATED IN 1985 BY DELEEN WAS 1,057,968 TONS GRADING 0.27 OZ/TON GOLD. THE 1988 PROGRAMME REDUCED THAT FIGURE TO 1,049,988 TONS GRADING 0.27 OZ/TON GOLD. DURING 1989 THE OVERALL

MINERAL INVENTORY WAS RE-EVALUATED ON THE BASIS OF ACCESSIBILITY FOR MINING PURPOSES, IN ORDER TO ARRIVE AT A RESERVE FIGURE WHICH WOULD BE MORE REALISTIC ESTIMATE OF MINEABLE RESERVES.

TAYLOR BRIDGE (ALSO KNOWN AS LOVE OIL OR LOCO)

THE EARLY HISTORY OF THE LOCO PROPERTY IS NOT WELL KNOWN. IT WAS UNDOUBTEDLY EXTENSIVELY PROSPECTED IN THE 1920S DURING THE TIME OF INTENSE PROSPECTING ACTIVITY IN THE BRIDGE RIVER DISTRICT, BUT BECAUSE OF ITS SITUATION ON THE KINGDOM LAKE PLATEAU AND COVER BEING EXTENSIVE AND VARIABLE OVERBURDEN THICKNESS THE PROSPECTING PROGRAMMES DID NOT TURN UP THE SIGNIFICANT SHOWING THAT WERE FOUND JUST TO THE SOUTH ON THE KING MINE PROPERTY.

AS INDICATED ABOVE, EARLY DEVELOPMENT ON THE BRALORNE PROPERTY WAS CENTERED ON THE KING MINE AND IN 1934, THE BRALORNE 8TH LEVEL WAS EXTENDED NORTH ONTO THE TAYLOR-BRIDGE RIVER (LOCO) PROPERTY AND A PROGRAMME OF UNDERGROUND DRILLING CARRIED OUT. COPIES OF THE ORIGINAL DIAMOND DRILL LOGS (PROBABLY MADE MANY YEARS LATER) ARE AVAILABLE. CORE RECOVERY WAS POOR AND ASSAY RESULTS UNRELIABLE.

IN THE 1950S, THE BRALORNE 20TH LEVEL WAS EXTENDED NORTH ONTO THE TAYLOR BRIDGE RIVER PROPERTY AND DIAMOND DRILLING WAS DONE IN 1961. THE OLD PLANS SHOW INTERSECTIONS OF, FOR EXAMPLE, 10 FEET OF 0.8 OZ GOLD PER TON IN SOME OF THE VEINS, BUT UNFORTUNATELY DETAILED LOGS WITH ASSAY RESULTS ARE NOT AVAILABLE.

LOVE OIL & GAS CORPORATION CARRIED OUT EXTENSIVE PROGRAMMES OF GEOCHEMICAL SOIL SAMPLING, EM MAG AND SEISMIC GEOPHYSICS, FOLLOWED BY DIAMOND DRILLING IN 1973, 1974 (PAYNE AND CULBERT 1973, 1974). THE WORK PROGRAMME SUCCESSFULLY LOCATED 4 VEINS DESIGNED "A" THROUGH "D", BUT GOLD VALUES WERE NOT PARTICULARLY HIGH AND THE PROPERTY THEN LAY DORMANT UNTIL INVOLVEMENT BY CORAL GOLD CORPORATION, LEVON RESOURCES AND SUBSEQUENTLY AVINO MINES AND RESOURCES, WHO, IN 1987, CARRIED OUT PROGRAMMES OF GEOCHEMICAL SOIL SAMPLING, VLF EM AND MAGNETOMETER GEOPHYSICS, FOLLOWED BY AN EXTENSIVE PROGRAMME OF TRENCHING WHICH SUCCESSFULLY EXPOSED TWO MAIN VEINS, THE PETER AND MILLCHUK VEINS.

IN SUMMER 1987, THE VEINS WERE EXPLORED BY SERIES OF 14 DIAMOND DRILL HOLES FOLLOWED BY DRIVING OF A 310 FOOT CROSSCUT(ADIT) TO INTERSECT THE PETER VEIN WHICH WAS THEN DRIFTED ON FOR 215 FEET. THE VEIN WAS SAMPLED IN DETAIL OVER THE ENTIRE STRIKE LENGTH OF 215 FEET AND ASSAYED 0.38 OZ/TON GOLD OVER AN AVERAGE WIDTH OF 3.4 FEET (THIS INCLUDED A 105 FT STRIKE LENGTH ASSAYING 0.611 OZ/TON GOLD OVER AN AVERAGE WIDTH OF 3.4 FEET).

IN MAY 1991, AVINO DRILLED 5 HOLES (TOTAL 2951 FEET) ON THE LOCO GROUND. HOLES 91-1, 2, & 3 EXPLORED THE PETER VEIN AND 91-4 & 5 ON THE J.D. VEIN. IN JUNE-JULY 1991, A PART OF THE BRALORNE 8 LEVEL WHICH GIVES ACCESS TO THE LOCO GROUND WAS REHABILITATED AND A PROGRAMME OF UNDERGROUND DIAMOND DRILLING (7 HOLES, 3541 FT) WAS CARRIED OUT IN AUGUST 1991. SIX OF THE HOLES EXPLORED THE PETER VEIN ABOVE AND SLIGHTLY BELOW THE 8TH LEVEL (WHICH IS 1100 FT. VERTICALLY BELOW SURFACE), THE ONE HOLE PIERCED THE MILLCHUK VEIN AT THE 800 LEVEL.

IN NOVEMBER, 1991, AVINO MINES & RESOURCES LIMITED PURCHASED THE BRALORNE-PIONEER PROPERTY FROM E&B EXPLORATION, INTERNATIONAL CORONA, CATHEDRAL GOLD AND GEOMEX DEVELOPMENT FOR 3 MILLION AVINO COMMON SHARES. SINCE AVINO ALSO HELD THE LOCO (LOVE OIL & TAYLOR BRIDGE) PROPERTY ADJOINING THE BRALORNE-PIONEER TO THE NORTHEAST, THE TWO PROPERTIES WERE COMBINED TO FORM THE PRESENT GROUP. LATE IN 1992, BRALORNE-PIONEER GOLD MINES LTD. WAS COMMISSIONED TO TAKE AN OPTION ON AVINO'S BRALORNE PROJECT.

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-VOLCANIC INTERMEDIATE PLUTONS (BRALORNE INTRUSIONS) AND FAULTED AGAINST OPHIOLITIC ULTRAMAFIC INTRUSIONS (PRESIDENT INTRUSIONS). JURASSIC AND CRETACEOUS BASINAL SEDIMENTS AND RIFT VOLCANICS (TAYLOR CREEK AND KINGSDALE GROUPS) ARE SEQUENTIALLY INTRUDED BY CRETACEOUS AND TERTIARY PLUTONS OF FELSIC COMPOSITION (COAST AND BENDOR INTRUSIONS). RELATIVELY FLAT LYING TERTIARY, INTERMEDIATE AND MAFIC VOLCANICS (REX MOUNT 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 SHALALTH AND TYAUGHTON LAKES AND CONTAINS THE MAIN VALLEYS OF THE BRIDGE RIVER AND SETON LAKE. THE GROUP CONSISTS OF A SEQUENCE OF THIN BEDDED CHERT, ALGAL MATS, AND BASALTIC FLOWS (GREENSTONES) INTERCALATED WITH ALTERED Limestones. THROUGHOUT THE SEQUENCE, DESTRUCTION OF MOST OF THE FOSSILS IN THE LIMESTONES, ON THE EAST 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 FORMATION 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 ONE OF THE PRINCIPAL HOST ROCKS FOR GOLD VEINS. THE HURLEY FORMATION 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 THE NOEL FORMATION, THE HURLEY SEDIMENTS ARE

DISTINCTLY LIMEY. MUCH OF THE ARGILLITE CONSISTS OF ZONES 1-2 METERS THICK OF MASSIVE BLACK ARGILLITE ALTERATING WITH ZONES 1-3 METERS THICK OF DARK GREY SLATE AND ARGILLITE. OCCASIONAL LENSES OF LIMESTONE ARE PRESENT.

STRATIGRAPHIC COLUMN: BRIDGE RIVER AREA

<u>PERIOD</u>	<u>UNIT</u>	<u>LITHOLOGY</u>
UPPER TERTIARY	PLATEAU BASALT	BASALT, RHYOLITE FLOWS BRECCIAS UNCONFORMABLE CONTACT
LOWER TERTIARY	REXMOUNT PORPHYRY	RHYOLITE, DACITE, ANDESITE TUFFS, FLOWS, PLUGS UNCONFORMABLE CONTACT
UPPER CRETACEOUS	BENDOR INTRUSIONS	GRANODIORITE, QUARTZ DIORITE, QUARTZ MONZONITE INTRUSIVE CONTACT
	PORPHYRY DIKES	QUARTZ, FELDSPAR, HORNEBLLENDE PORPHYRY DIKES INTRUSIVE CONTACT
	COAST RANGE INTRUSIONS	QUARTZ DIORITE, DIORITE GRANODIORITE INTRUSIVE CONTACT
	KINGSVALE GROUP	ARKOSE, GREYWACKE, SHALE CONGLOMERATE UNCONFORMABLE CONTACT
LOWER CRETACEOUS	TAYLOR CREEK GROUP	CONGLOMERATE, SHALE, TUFF BRECCIA UNCONFORMABLE CONTACT
EARLY PERMIAN	BRALORNE INTRUSIONS	AUGITE DIORITE, SODA GRANITE, ALBITITE DIKES INTRUSIVE CONTACT
	PRESIDENT INTRUSIONS	SERPENTINITE, PERIDOTITE PYROXENITE, DUNITE, GABBRO FAULT CONTACT
PERMO-TRIASSIC	CADWALLADER GROUP, HURLEY FORMATION	LIMEY ARGILLITE, SANDSTONE CONGLOMERATE, LIMESTONE GREENSTONE, TUFF, CHERT
	PIONEER FORMATION	GREENSTONE, BASALT, ANDESITE, FLOWS, TUFFS
	NOEL FORMATION	ARGILLITE, CHERT, CONGLOMERATE, GREENSTONE CONFORMABLE CONTACT

PERMO-JURASSIC

BRIDGE RIVER
GROUP (ALSO
CALLED
FERGUSSON GRP)

CHERT, ARGILLITE, SILT-
STONE, LIMESTONE, GREEN-
STONE, BASALT
METAMORPHIC EQUIVALENTS

INTRUSIVES

THE BRALORNE INTRUSIVES, WHICH ARE THE PRINCIPAL HOST ROCK FOR GOLD VEINS AT BRALORNE-PIONEER CONSIST OF 2 MAIN ROCK TYPES - DIORITE AND SODA GRANITE, BUT WITHIN THAT RANGE ARE INCLUDED SOME GABBRO, PYROXENITES, AUGITE DIORITE, HORNEBLENDE DIORITE, ETC.

THE BRALORNE DIORITE IS A DARK GREENISH GREY ROCK WITH AN IRREGULAR TEXTURE AND IS CHARACTERISTICALLY CONVERTED TO AN ANGULAR AGMATITE NETWORK BY LIGHT COLORED VEINS WHICH VARY FROM APLITE TO MIXTURES OF EPIDOTE, ZOISITES, CARBONATE AND QUARTZ. THE DIORITE RANGES EVEN WITHIN A SMALL OUTCROP FROM VERY FINE GRAINED (WHERE IT IS UNDISTINGUISHABLE FROM THE PIONEER GREENSTONE) TO COARSE GRAINED.

THE SODA GRANITE FORMS RANDOMLY DISTRIBUTED IRREGULARLY SHAPED MASSES WITHIN AND GRADING INTO THE DIORITE AS WELL AS DIKE SHAPED BODIES THAT HAVE SHARP CONTACT WITH THE DIORITE. A SINGLE CONTACT MAY BE SHARP AT ONE PLACE AND GRADATIONAL AT ANOTHER. ALTHOUGH THE SODA GRANITE IS GENERALLY RANDOMLY DISTRIBUTED THROUGHOUT THE DIORITE, UNDERGROUND WORKINGS REVEAL CONCENTRATION OF THE SILICEOUS ROCK AT THE BRALORNE AND PIONEER MINES. THE ONLY DIFFERENCE BETWEEN IT AND THE COMMON BRALORNE DIORITE THAT CONTAINS ALBITIC PLAGIOCLASE IS THE ABUNDANCE OF QUARTZ WHICH MAY FORM AS MUCH AS 50% OF THE SODA GRANITE. THE QUARTZ CONTENT HOWEVER IS HIGHLY VARIABLE AND K-FELDSPAR IS ABSENT. CONSEQUENTLY SODA GRANITE COMMONLY GRADES INTO QUARTZ DIORITE AND THENCE INTO DIORITE.

SERPENTINE AND PARTLY SERPENTINIZED ULTRABASIC ROCKS OCCUR AT SEVERAL LOCATIONS IN THE BRIDGE RIVER AREA. ULTRABASICS THAT ARE RELATIVELY UNSERPENTINIZED DO NOT OCCUR IN THE AREA, BUT ROCKS THAT VARY IN COMPOSITION FROM DUNITE TO PYROXENITE OCCUR BOTH TO THE SOUTH-SOUTHEAST AND NORTHWEST OF THE BRIDGE RIVER DISTRICT. CAIRNES USED THE TERM PRESIDENT INTRUSIVES TO DESCRIBE BOTH THE SERPENTINE AND ULTRABASIC ROCKS FROM WHICH THEY WERE DERIVED.

THE BENDOR INTRUSIONS ARE THE YOUNGEST OF THE MAJOR INTRUSIVES IN THE BRIDGE RIVER CAMP. THESE OCCUR PRINCIPALLY IN THE AREA OF THE BENDOR BATHOLITH WHICH UNDERLIES THE BENDOR RANGE IN COMPOSITION FROM GRANODIORITE TO DIORITE BUT DOMINANT COMPOSITION IS GRANODIORITE. THEY INTRUDE ALL FORMATIONS IN THE BRIDGE RIVER AREA AND TEND TO THERMALLY METAMORPHOSE INTRUDED ROCKS.

STRUCTURAL GEOLOGY

FOLDING IN THE SOUTHERN PART OF THE BRIDGE RIVER AREA BETWEEN THE PIONEER EXTENSION PROPERTY AND BRALORNE PREDOMINANTLY STRIKES NORTHWESTERLY, BUT IN THE AREA NORTH OF BRALORNE, BETWEEN BRALORNE, WAYSIDE AND THE TYAUGHTON

LAKE PART OF THE CAMP, THE MAJOR STRIKE IS NORTH-SOUTH. THE PRINCIPAL CONTROLLING STRUCTURE IS A NORTHERLY TO NORTHWESTERLY TRENDING SYNCLINE WITHIN A MAJOR ANTICLINAL ARCH WHICH HAS THE SAME TREND. THE BRALORNE INTRUSIONS AND SERPENTINE BODIES FOLLOW THE TREND OF THESE MAJOR FOLDS.









THE TECTONIC FORCES RESPONSIBLE FOR THE MAJOR FOLDING HAVE RESULTED IN CONSIDERABLE FAULTING THROUGHOUT THE DISTRICT. THE SEVERAL FAULTS IN THE AREA CAN BE GROUPED IN TWO PRINCIPAL SYSTEMS, EACH OF WHICH COMPRISES TWO OR MORE SETS OF FAULTS.

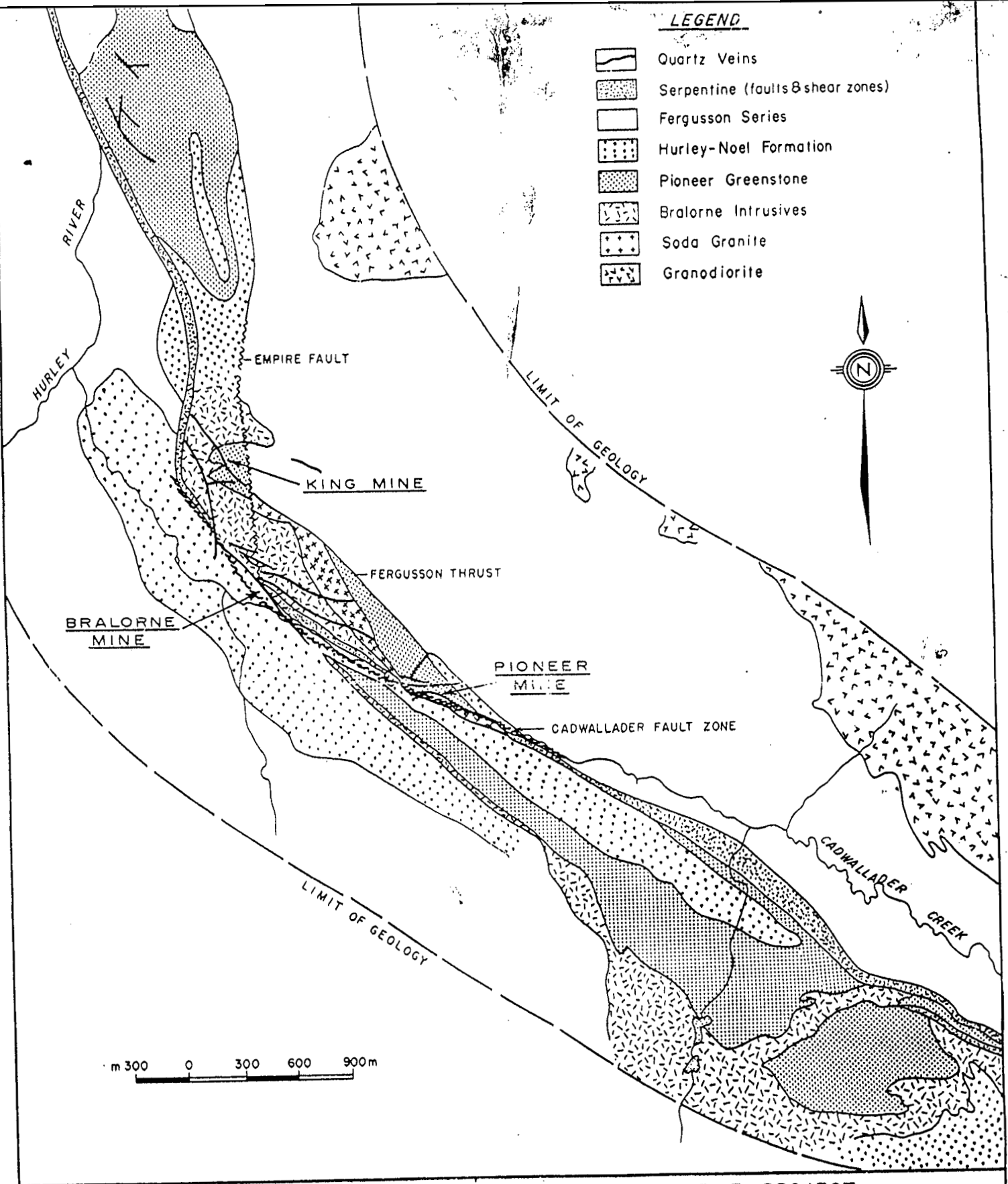
ONE SYSTEM CONSISTS OF TWO SETS OF PERPENDICULAR FRACTURES WHICH STRIKE APPROXIMATELY AT RIGHT ANGLES TO EACH OTHER AND AT ACUTE ANGLES TO THE TREND OF THE FORMATIONS. THE OTHER SYSTEM CONSISTS OF TWO SETS OF FRACTURES WITH OPPOSED DIPS, BUT WHICH STRIKE PARALLEL TO EACH OTHER AND TO THE TREND OF THE OVERALL FORMATIONS.

FRACTURES OF THE FIRST SYSTEM CONTAIN THE PRINCIPAL VEINS IN THE AREA AND APPEAR TO BE EARLIER THAN THE SECOND SYSTEM. THE FRACTURES OF THE SECOND SYSTEM ARE MAINLY SHEAR ZONES IN LESS COMPETENT SEDIMENTARY MEMBERS, WHEREAS THE VEINS, WHICH BELONG TO THE FIRST FRACTURE SYSTEM, ARE IN THE MORE COMPETENT BRALORNE INTRUSIVES AND PIONEER GREENSTONE. THE THREE PRINCIPAL AND REASONABLY CONTINUOUS FAULTS - FERGUSSON FAULT, CADWALLADER SHEAR, AND CARL CREEK SHEAR - APPEAR TO BE THE MOST IMPORTANT STRUCTURES IN THE SECOND SYSTEM OF FAULTS. THE FERGUSSON FAULT, WHICH STRIKES NORTHWESTERLY TO NORTHERLY, AND DIPS STEEPLY NORTHEAST, CAN BE TRACED FROM THE PIONEER EXTENSION PROPERTY NORTHWESTERLY THROUGHOUT THE PIONEER AND BRALORNE MINES TO THE CALIFORNIA WORKINGS OF THE BRX AND WAYSIDE.

THE CADWALLADER SHEAR, WHICH IS ROUGHLY PARALLEL WITH THE FERGUSSON BUT DIPS SOUTHWEST RATHER THAN NORTHEAST, FOR MUCH OF ITS LENGTH FOLLOWS THE NORTHEAST SIDE OF THE PROMINENT BAND OF SERPENTINE THAT EXTENDS FROM PIONEER TO BRALORNE AND MARKS THE WESTERN ENDS OF THE VEINS IN THESE MINES. THIS FAULT IS MARKED ALONG MUCH OF ITS LENGTH BY STRONG CARBONATE-SILICA ALTERATION OF SERPENTINE.

LEGEND

-  Quartz Veins
-  Serpentine (faults & shear zones)
-  Fergusson Series
-  Hurley-Noel Formation
-  Pioneer Greenstone
-  Bralorne Intrusives
-  Soda Granite
-  Granodiorite



BRALORNE PROJECT

GENERAL GEOLOGY

MAP INDEX NO.	SCALE	DRAWING NO.
	1:31680 or 1" = 1/2 mi.	FIG. 4

PROPERTY GEOLOGY

A BRIEF DESCRIPTION OF THE LITHOLOGICAL UNITS, OLDEST TO YOUNGEST, ARE AS FOLLOWS. THE OLDEST UNIT IS THE FERGUSSON OR BRIDGE RIVER GROUP WHICH CONSISTS OF INTERBEDDED CHERTS, CHERTY ARGILLITES AND ARGILLITES WITH SOME MASSIVE TO FINE GRAINED BASALTS. THIS IS OVERLAIN BY UPPER TRIASSIC, HURLEY AND NOEL SEDIMENTS AND PIONEER ANDESITES OR AQUAGENE BRECCIA.

THIS SEQUENCE IS INTRUDED BY THE BRALORNE DIORITES AND THEIR LEUCOCRATIC EQUIVALENTS, THE SODA GRANITE. BRALORNE INTRUSIVES OCCUR IN TWO NORTHWEST-SOUTHEAST TRENDING WEDGES SEPARATED BY OLDER FERGUSSON (BRIDGE RIVER) SEDIMENTS.

THE YOUNGEST UNITS ON THE PROPERTY ARE EARLY TERTIARY OR LATE CRETACEOUS AGE ALBITITE DIKES AND GOLD BEARING QUARTZ VEINS. THE VEINS AND DIKES PROBABLY INTRUDED AT APPROXIMATELY THE SAME TIME AS THEY ARE PARALLEL AND FILLED THE SAME FRACTURE PATTERN AND RARELY CROSS.

THE VEINS IN BRALORNE AND PIONEER STRIKE EAST-WEST AT 090 AT LOW (<30 DEGREES) ANGLES TO THE TWO PRINCIPLE FAULTS, THE CADWALLADER ON THE SOUTH AND THE FERGUSSON ON THE NORTH. THE VEINS ALL DIP NORTH AT APPROXIMATELY 70 DEGREES. THE VEINS ON THE LOCO PROPERTY, ON THE NORTHEAST SIDE OF THE FERGUSSON FAULT, STRIKE NORTHWEST-SOUTHEAST AT 135 DEGREES AND DIP 70 DEGREES TO THE NORTHEAST. THE DIFFERENCE IN THE STRIKE IS 45 DEGREES WHICH IS THE SAME AMOUNT BY WHICH THE TWO CONTROLLING FAULTS ARE ROTATED AT THEIR NORTH END. THE DIP OF 70 DEGREES TO THE NORTH IS CONSTANT THEREFORE THERE HAS BEEN NO DIP ROTATION. THEREFORE THE ENTIRE BLOCK ON THE NORTHEAST SIDE OF THE FERGUSSON FAULT HAS BEEN HORIZONTALLY ROTATED 45 DEGREES AS A RESULT OF THE FAULTS ROTATION.

IT WAS THOUGHT THAT THE NORTH SIDE OF THE BRALORNE-PIONEER MINES WAS CONFINED BY THE FERGUSSON OVERTHRUST WHICH DIPS STEEPLY TO THE NORTHEAST. THE SOUTH SIDE OF THE MINE PACKAGE WAS THOUGHT TO BE CONFINED BY THE CADWALLADER FAULT WHICH DIPS STEEPLY SOUTHWEST (OPPOSITE TO THE FERGUSSON OVERTHRUST) AND FOLLOWS A SERPENTINE UNIT. SINCE THE DISCOVERY OF GOLD BEARING VEINS TYPICAL OF THE BRALORNE VEINS IN AGE, MINERALOGY, AND HOST ROCKS ON THE NORTHEAST SIDE OF THE FERGUSSON FAULT IT IS OBVIOUS THAT THIS THRUST FAULT IS NOT THE CONTROLLING FACTOR. AFTER DETAILED MAPPING IT APPEARS THAT THERE IS A LARGE, THRUST?, FAULT STRIKING THROUGH THE CHAIN OF LAKES ON THE NORTHEAST SIDE OF THE PROPERTY APPROXIMATELY 1 KM. NORTHEAST OF THE FERGUSSON FAULT. VEINS HAVE BEEN FOUND ON THE SOUTH SIDE OF THE PACKAGE BUT NOT IN ECONOMIC VALUES. THESE VEINS MAY NOT BE OF ECONOMIC VALUE AS THE CADWALLADER FAULT IS BOUND BY SERPENTINE AND DIPS TO THE SOUTHWEST. THE SERPENTINE MAY

HAVE ACTED AS A DAM ON THE GOLD BEARING SOLUTIONS AS IT IS A "PLASTIC" ROCK WHICH IS FAIRLY IMPERMEABLE TO SOLUTIONS.

THE VEINS IN THE BRALORNE-PIONEER MINES AND THE VEINS DISCOVERED ON THE LOCO GROUND ARE VIRTUALLY IDENTICAL. THE VEINS CONSIST OF QUARTZ AND MINOR AMOUNTS OF SULPHIDES, TELLURIDES AND FINE GOLD. THE QUARTZ VEINS CONTAIN MINOR GANGUE MINERALS OF CALCITE, SERICITE, CHLORITE, MARIPOSITE, SCHEELITE, DOLOMITE AND ANKERITIC CARBONATES. THE VEINS ARE WELL BANDED WITH HAIRLIKE BANDS EVERY 5 CMS. (2 IN.) OF FINELY CRUSHED SULPHIDES WHICH COMPOSE OF APPROXIMATELY 4% OF THE VEIN CONTENT. THE SULPHIDES CONSIST OF PYRITE, ARSENOPYRITE, AND FINE GOLD. THERE ARE MINOR OCCURRENCES OF SPALERITE, GALENA, CHALCOPYRITE, AND TETRAHEDRITE WHICH HISTORICALLY INDICATED AN INCREASE IN GOLD VALUES.

THE MAJORITY OF THE VEINS HAVE A WIDTH OF .75 TO 1.5 METERS (2.5 TO 5 FEET) AND THE LENGTH OF THE VEINS VARY FROM A FEW METERS TO THOUSANDS OF METERS HORIZONTALLY AND VERTICALLY. THE ORE-SHOOTS ARE VERTICAL AND HAVE A HORIZONTAL LENGTH FROM 50 TO 100 METERS (164 TO 328 FEET) AND A VERTICAL LENGTH WHICH VARIES FROM 50 TO 800 METERS (164 TO 2,625 FEET). THE VEINS WERE STOPED TO A DEPTH OF 2.4 KMS. (1.5 MILES) WITH VERY LITTLE CHANGE IN THE GRADE OF THE ORE.

GEOCHEMICAL SOIL SAMPLING PROGRAM

A DETAILED SOIL SAMPLING PROGRAM WAS USED AS THE PRIMARY EXPLORATION TOOL AS IT HAS PROVEN TO BE AN EXCELLENT GUIDE FOR DISCOVERING "HIDDEN" DEPOSITS IN THE BRIDGE RIVER DISTRICT. THE AREA OF EXPLORATION, KINGDOM LAKE PLATEAU, IS COVERED BY GLACIAL TILL TO A DEPTH OF APPROXIMATELY 3 METERS (10 FEET). THIS TILL IS COVERED BY A THIN, .5 METERS (1.5 FEET), BLANKET OF VOLCANIC ASH.

THERE WERE 1,638 SAMPLES COLLECTED ON LINES 300 FEET APART WITH SAMPLES COLLECTED EVERY 50 FEET WHERE POSSIBLE. THIS GRID AREA COVERED MEASURES APPROXIMATELY 1MILE X 1 MILE. THE SAMPLES WERE COLLECTED IN THE OXIDIZED B-HORIZON BELOW THIS ASH LAYER AND WHATEVER HUMUS COVERING WAS PRESENT. THE SAMPLES WERE COLLECTED AT A DEPTH OF APPROXIMATELY .7 METERS (2.3 FEET) BY USING A LONG HANDLED SHOVEL. THE SAMPLES WEIGHING APPROXIMATELY 300 TO 500 GMS. WERE PLACED INTO KRAFT SAMPLE BAGS, DRIED, AND SHIPPED TO MIN-EN LABS OF VANCOUVER FOR ANALYSES OF GOLD, SILVER, ARSENIC, COPPER, LEAD, ANTIMONY, ZINC. THESE WERE THE ONLY ELEMENTS ANALYZED AS THEY ARE THE ONES THAT ARE USED TO SUCCESSFULLY IDENTIFY THE VEINS AS IN THE PAST EXPLORATION PROGRAMS.

AFTER PLOTTING THE RESULTS THERE WERE TWO STRONG GOLD/ARSENIC ANOMALIES WHICH REPRESENT THE ARSENOPYRITE ASSOCIATED WITH THE GOLD IN THE VEINS. THE DIRECTION OF THESE ANOMALIES IS IN THE ESTIMATED VEIN DIRECTION OF 90 TO 140 DEGREES. THE FIRST ANOMALY (A) IS LOCATED FROM L2100E;300S TO L3300E;950S. THE SECOND ANOMALY (B) IS LOCATED FROM L1500E;1250S TO L2700E;1550S.

THERE ARE 4 SILVER ANOMALIES PRESENT WHICH REMAIN UNTESTED AS THEY DO NOT COINCIDE WITH THE GOLD VALUES. THE ANOMALIES ARE LOCATED AS FOLLOWS: L24, 27, 30E;00 TO 1800S, L39E;6100S, L42E;400 TO 800S, L45E;4000S.

A LARGE MULTI-ELEMENT ANOMALY OF COPPER, LEAD, ANTIMONY, AND ZINC OF APPROXIMATELY 600 METERS X 600 METERS (2,000 FEET X 2,000 FEET) IS LOCATED ON THE EASTERN SIDE OF THE GRID AREA. THERE IS VERY LITTLE, IF ANY, OUTCROP IN THIS AREA AS IT IS LOCATED IN SWAMPY AND LARGE TIMBER AREA.

THE 1993 TRENCHING PROGRAM CONCENTRATED ON THE GOLD/ARSENIC ANOMALIES AND THE OTHER ELEMENT ANOMALIES REMAIN UNTESTED.

TRENCHING PROGRAM

THE TRENCHING PROGRAM WAS COMPLETED FROM SEPTEMBER 12 TO OCTOBER 12 USING A RENTED HITACHI 270 EXCAVATOR AND OPERATED BY BILL SMITH. WE EXCAVATED A TOTAL OF 36 TRENCHES TO A DEPTH OF APPROXIMATELY 3 METERS (10 FEET) TO HIT BEDROCK. THE LOCATION OF THE TRENCHES ARE PLOTTED ON THE GOLD/ARSENIC GEOCHEMICAL MAP AS THESE ELEMENTS WERE THE GUIDE TO THE TRENCHING PROGRAM. THE DETAILED TRENCH PLANS WITH ASSAYS AND GEOLOGY ARE LOCATED IN THE POCKET OF THIS REPORT. ALL OF THE TRENCHES WERE MAPPED AND SAMPLED BY THE AUTHOR, WITH ROCK CHIP SAMPLES TAKEN BY USING A HAMMER AND THE CHIPS SHIPPED TO MIN-EN LABS OF VANCOUVER. THE TRENCHES WERE CONCENTRATED ON 4 AREAS LABELLED A, B, C, D.

ANOMALY A CORRESPONDS TO THE GEOCHEMICAL SOIL ANOMALY A. TRENCHES 1-9 AND TRENCHES 30 TO 34 EXPOSED THE VEIN FOR APPROXIMATELY 600 FEET. SIGNIFICANT ASSAYS > 0.1 OZ/TON GOLD ARE AS FOLLOWS:

T-1	VEIN, EAST WALL	0.164 OZ/TON ACROSS 6 FT.
	VEIN, WEST WALL	0.100 OZ/TON ACROSS 2 FT.
T-3	VEIN, FOOTWALL HANGINGWALL	0.146 OZ/TON ACROSS 9 FT.
T-4	VEIN, EAST WALL	0.376 OZ/TON ACROSS 7 FT.
	VEIN, WEST WALL	0.318 OZ/TON ACROSS 7 FT.
T-6	SHEAR	0.167 OZ/TON ACROSS 1 FT.

ANOMALY B CORRESPONDS TO SOIL ANOMALY B IN GOLD/ARSENIC. TRENCHES 10 TO 24A EXPOSED THIS VEIN FOR 800 FEET. SIGNIFICANT ASSAYS > 0.1 OZ/TON GOLD ARE AS FOLLOWS:

T-10	VEIN	0.146 OZ/TON ACROSS 1 FT.
T-11	VEIN	0.318 OZ/TON ACROSS 1 FT.
T-15	2 SHEAR ZONES	0.103 OZ/TON ACROSS 4 FT. 0.121 OZ/TON ACROSS 4 FT.
T-16	VEIN, EAST WALL	0.102 OZ/TON ACROSS 10 FT.
	VEIN, WEST WALL	0.124 OZ/TON ACROSS 10 FT.
T-17	VEIN, EAST WALL	0.100 OZ/TON ACROSS 4 FT.
T-19	VEIN	0.100 OZ/TON ACROSS 3 FT.

ANOMALY C WAS EXPOSED FROM OLDER SOIL GOLD/ARSENIC DATA FROM PREVIOUS YEARS. TRENCHES 25 - 29 EXPOSED THIS VEIN FOR 300 FEET LOCATED ON THE SOUTHWEST BOUNDARY OF THE LOCO/BRALORNE PROPERTIES. SIGNIFICANT ASSAYS > 0.1 OZ/TON GOLD ARE AS FOLLOWS:

T-25	VEIN	0.241 OZ/TON ACROSS 1 FT.
T-28	VEIN	0.464 OZ/TON ACROSS 4 FT.
T-29	VEIN	0.187 OZ/TON ACROSS 3 FT.

ANOMALY D IS LOCATED ALONG THE WEST BOUNDARY OF THE LOCO/BRALORNE PROPERTIES AND WAS LOCATED FROM OLD SOIL GOLD/ARSENIC GEOCHEMICAL SURVEYS. THE VEIN HAS BEEN EXPOSED FOR 100 FEET AND MAY BE A SPLAY OFF OF THE PETER VEIN WHICH WAS DRIFTED UPON 350 TO THE SOUTH. SIGNIFICANT ASSAYS >.1 OZ/TON GOLD ARE:

T-40	VEIN	0.320 OZ/TON ACROSS 10 FT. (INCLUDES .506 OZ/TON ACROSS 5 FT.)
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RE-TIMBERING AND RE-HABILITATION PROGRAMS

DURING JANUARY - APRIL 1993 THE NO.2 DRIFT ON THE LOCO PROPERTY WAS RE-HABILITATED. THIS DRIFT IS LOCATED NORTH OF THE KING MINE ON THE MAIN 200 LEVEL. IT FOLLOWS THE HANGINGWALL OF THE NORTHEAST TRENDING FERGUSSON FAULT WHICH DIPS STEEPLY (70 DEGREES) TO THE NORTH. THIS DRIFT WAS CAVED IN SEVERAL PLACES. THE OBJECT OF RE-HABILITATING IT IS TO PROVIDE DIAMOND DRILL SITES FOR DRILLING THE PETER VEIN WHICH IS LOCATED 300 FEET NORTH AND STRIKING PARALLEL TO THIS DRIFT. THE PETER VEIN HAS BEEN TRENCHED AND DRILLED FOR 2500 FEET AND IS STILL OPEN IN ALL DIRECTIONS. IT HAS BEEN DRIFTED FOR 215 FEET, 1100 FEET VERTICALLY ABOVE THE 800 LEVEL. THE DRILLING FROM SURFACE AND UNDERGROUND HAS FOLLOWED THE VEIN CONTINUOUSLY THE 1100 VERTICAL FEET. IT WILL NOW BE DRILLED IN DETAIL FOR PRODUCTION PURPOSES. THE NO.2 DRIFT COULD NOT BE COMPLETELY CLEARED AS THERE IS A LARGE BLOCKAGE 600 FEET DOWN THE DRIFT WHICH IS FAR AS WE COULD RE-HABILITATE.

DURING AUGUST OF 1993 A RE-TIMBERING PROGRAM WAS NECESSARY FOR SAFETY REASONS BECAUSE OF DRY ROT TO PROVIDE SAFE ACCESS FOR EXPLORATION, FEASIBILITY WORK, METALLURGICAL PURPOSES. THIS AREA IS WHERE THE PAST OPERATORS OF BRALORNE HAVE BLOCKED OUT SIGNIFICANT TONNAGES FOR PRODUCTION. THE AREAS RE-TIMBERED ARE LOCATED ON THE 800 - LEVEL BETWEEN THE CROWN AND EMPIRE SHAFTS, AT THE CROWN SHAFT, AND SOUTHEAST OF THE EMPIRE SHAFT AT SOME OLD CHUTES ON THE 51 AND 51 B F.W. VEINS.

STATEMENT OF COSTS

THE STATEMENT OF COSTS ARE LISTED IN FOUR SEPARATE PROGRAMS WORK PROGRAMS IN ORDER OF WHICH THEY WERE COMPLETED DURING THE YEAR.

1. NO. 2 DRIFT RE-HABILITATION: JANUARY - APRIL

<u>DESCRIPTION</u>	<u>COST</u>
WAGES	\$40,989
HYDRO	6,959
FUEL	5,963
MEALS & ACCOMMODATION	4,140
TRANSPORTATION	2,543
PARTS	1,313
TIMBER	1,137
FREIGHT	359
<u>TOTAL</u>	<u>\$63,403</u>

2: GEOCHEMICAL SOIL SAMPLING PROGRAM: AUGUST

<u>DESCRIPTION</u>	<u>COST</u>
ASSAYS - 1638 SAMPLES	\$19,839
WAGES	10,729
MAPPING/DRAFTING	4,650
MEALS	1,423
TRANSPORTATION	604
OFFICE OVERHEAD	559
FREIGHT	33
<u>TOTAL</u>	<u>\$37,837</u>

604

3. UNDERGROUND RE-HABILITATION 800-LEVEL: AUGUST

<u>DESCRIPTION</u>	<u>COST</u>
WAGES	\$17,292
FUEL	1,295
HYDRO	1,284
TIMBER	981
EQUIPMENT RENTAL	243
<u>TOTAL</u>	<u>\$21,095</u>

4. TRENCHING PROGRAM: SEPTEMBER

<u>DESCRIPTION</u>	<u>COST</u>
WAGES	\$12,586
EQUIPMENT RENTAL	9,236
ASSAYS - 187 SAMPLES	4,160
FUEL	3,446
FREIGHT	2,785
DRAFTING	2,000
MEALS	1,253
OFFICE OVERHEAD	714
TRANSPORTATION	704
<u>TOTAL</u>	<u>\$36,884</u>

TOTAL OF THE FOUR PROGRAMS = \$159,219.00

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QUALIFICATIONS

I, J. MILLER-TAIT OF 828 WHITCHURCH ST., 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 (1986).

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

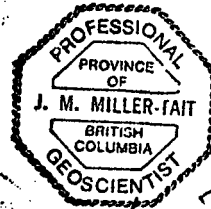
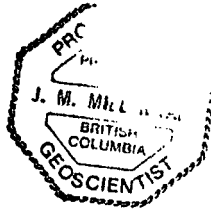
I HAVE BEEN PRACTICING MY PROFESSION AS A GEOLOGIST SINCE 1982.

THIS REPORT IS BASED ON PERSONAL WORK PERFORMED, THE STUDY AND EVALUATION OF PUBLISHED REPORTS AND DATA AND SUPERVISION OF ALL WORK PROGRAMS.

THIS REPORT MAY BE UTILIZED BY AVINO MINES & RESOURCES LTD. FOR INCLUSION IN A PROSPECTUS OR STATEMENT OF MATERIAL FACTS.

J. Miller-Tait

J. MILLER-TAIT
B.SC., P.GEO.



J. Miller-Tait
Jan 11 / 1994

A P P E N D I X A

S O I L S A M P L E A N A L Y S E S

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ1+2

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/03

ATTN: JIM MILLER-TAIT

(604) 980-5814 OR (604) 988-4524

* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L3E 0000S	.5	42	73	12	1	46	12
L3E 0050S	.7	54	39	7	1	43	5
L3E 0100S	1.3	18	20	11	1	53	8
L3E 0150S	1.2	7	3	2	1	12	4
L3E 0200S	1.1	11	28	8	1	26	8
L3E 0250S	1.2	9	41	8	1	25	9
L3E 0300S	1.1	22	26	8	1	72	51
L3E 0350S	.6	1	15	9	1	125	9
L3E 0400S	1.2	37	15	11	1	41	29
L3E 0450S	.7	14	16	5	1	78	8
L3E 0500S	.9	29	24	11	1	130	7
L3E 0550S	1.1	27	18	10	1	90	4
L3E 0600S	.7	34	12	5	1	47	8
L3E 0650S	.8	75	36	8	1	76	16
L3E 0700S	.8	113	25	12	1	70	78
L3E 0750S	.7	49	32	11	1	77	31
L3E 0800S	.8	31	28	9	1	76	13
L3E 0850S	1.0	35	40	6	1	85	11
L3E 0900S	.8	17	20	5	1	63	7
L3E 0950S	.8	18	30	10	2	118	9
L3E 1000S	.9	16	20	4	1	86	10
L3E 1050S	.9	7	12	11	1	93	12
L3E 1100S	1.2	47	54	5	2	96	18
L3E 1150S	1.2	30	32	14	2	159	9
L3E 1200S	.7	14	25	10	1	124	5
L3E 1250S	1.0	15	26	9	1	119	9
L3E 1300S	1.2	51	62	11	2	137	18
L3E 1350S	1.4	20	42	6	1	65	11
L3E 1400S	1.4	60	73	13	3	153	10
L3E 1450S	1.3	42	53	9	3	119	15
L3E 1500S	1.4	43	39	16	4	130	11
L3E 1550S	1.4	24	32	13	2	86	14
L3E 1600S	1.4	22	30	9	1	69	6
L3E 1650S	1.1	26	40	11	1	55	15
L3E 1700S	1.3	36	71	12	2	106	4
L3E 1750S	1.3	12	35	7	1	86	10
L3E 1800S	1.1	23	36	13	2	47	7
L6E 0000S	1.2	37	28	9	2	41	10
L6E 0050S	1.0	58	25	8	2	62	12
L6E 0100S	1.0	61	54	7	2	63	13
L6E 0150S	1.5	26	14	9	3	47	7
L6E 0200S	1.8	53	139	16	4	162	26
L6E 0250S	.7	6	9	9	2	193	3
L6E 0300S	1.1	32	28	9	2	144	9
L6E 0350S	.9	25	30	10	2	97	14
L6E 0400S	1.2	28	22	6	1	102	12
L6E 0450S	1.4	22	16	7	1	71	6
L6E 0500S	1.4	57	32	14	3	128	7

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 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L6E 0550S	.8	31	54	8	1	131	7
L6E 0600S	1.1	23	33	11	1	148	5
L6E 0650S	.7	43	66	7	1	118	6
L6E 0700S	.5	8	16	12	1	209	2
L6E 0750S	.3	1	19	9	1	147	2
L6E 0800S	.6	111	52	18	2	64	276
L6E 0850S	.8	40	50	12	1	71	9
L6E 0900S	.7	35	53	8	1	66	20
L6E 0950S	1.0	41	53	9	1	64	17
L6E 1000S	.9	22	34	11	1	57	8
L6E 1050S	1.0	26	30	9	1	58	4
L6E 1100S	.8	14	20	8	1	37	7
L6E 1150S	2.0	46	53	9	1	64	13
L6E 1200S	1.5	23	43	11	1	60	11
L6E 1250S	1.4	36	41	12	2	88	5
L6E 1300S	1.4	31	38	9	2	111	3
L6E 1350S	1.3	18	20	7	2	75	4
L6E 1400S	1.4	21	25	10	2	73	2
L6E 1450S	1.3	18	18	7	2	62	5
L6E 1500S	1.3	22	30	6	1	43	10
L6E 1550S	1.7	59	90	6	2	61	14
L6E 1600S	1.1	25	17	5	1	38	6
L6E 1650S	1.3	24	33	8	1	72	16
L6E 1700S	1.2	18	39	14	2	119	5
L6E 1750S	.9	5	17	9	1	119	6
L6E 1800S	1.0	48	21	9	1	107	32
L6E 1850S	1.4	25	46	10	1	78	4
L6E 1900S	1.3	28	38	9	1	161	3
L6E 1950S	1.2	13	35	2	1	58	8
L6E 2000S	.8	7	13	8	1	49	1
L6E 2050S	1.0	10	16	9	1	41	6
L6E 2100S	1.1	4	16	6	1	48	5
L9E 0000S	1.1	20	38	7	1	125	8
L9E 0050S	1.0	11	45	10	1	198	4
L9E 0100S	1.1	10	21	7	1	156	3
L9E 0150S	1.2	10	14	7	1	142	4
L9E 0200S	1.1	10	20	12	1	122	6
L9E 0250S	2.4	16	35	2	1	109	3
L9E 0300S	2.0	48	168	18	3	164	40
L9E 0350S	1.4	20	27	10	1	106	4
L9E 0400S	1.0	9	22	6	1	111	2
L9E 0450S	1.3	14	27	10	1	82	6
L9E 0500S	1.3	13	24	9	1	129	3
L9E 0550S	1.1	20	49	10	1	105	17
L9E 0600S	1.1	8	20	12	1	156	1
L9E 0650S	1.3	9	35	10	1	135	2
L9E 0700S	1.9	13	71	10	1	133	7
L9E 0750S	1.2	14	66	12	2	181	9

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ5+6

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/03

ATTN: JIM MILLER-TAIT

(604)980-5814 OR (604)988-4524

* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPM
L9E 0800S	.4	1	12	5	1	63	3
L9E 0850S	.1	1	10	6	1	75	2
L9E 0900S	.8	18	32	6	1	39	10
L9E 0950S	.7	13	28	7	1	85	7
L9E 1000S	.9	22	31	7	1	94	15
L9E 1050S	1.0	26	35	4	1	80	6
L9E 1100S	1.0	9	21	6	1	102	1
L9E 1150S	1.0	12	17	5	1	57	1
L9E 1200S	1.3	17	23	9	1	59	2
L9E 1250S	.8	16	21	6	1	58	1
L9E 1300S	1.2	23	25	9	1	124	3
L9E 1350S	1.1	18	21	11	1	60	11
L9E 1400S	1.2	23	33	8	1	78	8
L9E 1450S	1.2	22	26	7	1	73	12
L9E 1500S	1.0	21	16	7	1	47	4
L9E 1550S	.7	35	17	5	1	36	5
L9E 1600S	1.0	19	37	8	1	90	14
L9E 1650S	1.5	31	51	8	1	91	3
L9E 1700S	1.4	20	20	6	1	111	8
L9E 1750S	1.5	22	36	7	1	81	14
L9E 1800S	1.2	20	31	3	1	52	11
L9E 1850S	.9	14	20	5	1	80	1
L9E 1900S	1.1	12	24	9	1	69	1
L9E 1950S	1.1	17	21	7	1	100	2
L9E 2000S	.9	9	34	5	1	163	2
L9E 2050S	1.0	14	25	9	1	122	4
L9E 2100S	.6	9	17	3	1	43	3
L12E 0000S	1.7	127	47	6	1	60	39
L12E 0050S	1.0	28	24	7	1	188	9
L12E 0100S	1.2	23	29	6	1	133	7
L12E 0150S	.6	99	72	12	16	128	7
L12E 0200S	2.3	29	41	10	3	236	5
L12E 0250S	1.0	18	30	6	1	110	3
L12E 0300S	.8	8	27	3	1	69	6
L12E 0350S	.9	38	91	7	1	122	7
L12E 0400S	1.1	21	33	7	1	56	4
L12E 0450S	1.0	21	32	7	1	90	15
L12E 0500S	1.2	23	34	4	1	83	6
L12E 0550S	.9	10	24	7	1	155	7
L12E 0600S	1.0	27	30	8	2	41	3
L12E 0700S	.5	5	47	14	1	144	6
L12E 0750S	1.0	24	30	4	1	68	9
L12E 0800S	1.3	14	23	4	1	178	5
L12E 0850S	.9	23	32	4	1	69	4
L12E 0900S	1.0	18	25	11	1	110	16
L12E 0950S	.8	20	26	3	1	65	14
L12E 1000S	1.1	32	29	8	1	70	7
L12E 1050S	2.1	33	31	5	1	129	13

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ7+8

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/14

ATTN: JIM MILLER-TAIT

(604) 980-5814 OR (604) 988-4524

• SOIL • (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L12E 1100S	.5	9	17	6	1	78	4
L12E 1150S	.8	19	29	6	1	78	12
L12E 1200S	1.0	17	22	9	1	45	7
L12E 1250S	1.6	62	158	9	1	83	16
L12E 1300S	1.1	33	59	10	1	131	9
L12E 1350S	1.2	29	54	11	1	107	18
L12E 1400S	.4	17	37	16	1	100	6
L12E 1450S	2.0	7	94	7	1	224	8
L12E 1500S	3.3	1	69	3	1	220	5
L12E 1550S	1.6	5	23	4	1	254	2
L12E 1600S	1.4	9	39	10	1	193	2
L12E 1650S	1.1	17	15	11	1	126	1
L12E 1700S	1.1	8	24	7	1	143	5
L12E 1750S	1.3	17	30	5	1	132	24
L12E 1800S	1.1	13	34	11	1	214	11
L12E 1850S	1.3	13	21	11	1	190	16
L12E 1900S	1.3	14	17	11	1	136	6
L12E 1950S	.9	8	25	10	1	140	11
L12E 2000S	1.0	7	24	4	1	137	5
L12E 2050S	1.4	12	22	6	1	175	3
L12E 2100S	1.4	15	44	6	1	185	4
L12E 2150S	.8	7	27	8	1	249	4
L12E 2200S	1.1	10	36	11	1	287	3
L12E 2250S	1.2	17	49	9	1	220	5
L12E 2300S	1.2	19	70	5	1	162	45
L12E 2350S	1.3	8	38	7	1	111	11
L12E 2400S	1.2	25	35	4	1	125	19
L12E 2450S	1.6	29	45	5	1	86	8
L12E 2500S	1.6	16	28	8	1	62	3
L12E 2550S	1.4	15	24	6	1	82	1
L12E 2600S	2.0	9	34	3	1	89	4
L12E 2650S	1.3	12	18	7	1	54	2
L12E 2700S	1.4	11	23	4	1	57	3
L24E 0000S	2.7	16	58	3	1	133	7
L24E 0050S	3.1	11	41	4	1	170	19
L24E 0100S	2.4	1	43	6	1	321	5
L24E 0150S	3.7	1	51	3	1	168	5
L24E 0200S	2.7	19	73	3	1	96	23
L24E 0250S	2.1	11	32	7	1	103	9
L24E 0300S	1.7	12	19	7	1	109	2
L24E 0350S	1.4	7	17	8	1	98	11
L24E 0400S	.9	1	13	6	1	48	4
L24E 0600S	2.3	2	31	8	1	105	10
L24E 0650S	2.9	17	62	7	1	93	7
L24E 0700S	3.4	2	41	1	1	89	8
L24E 0750S	2.6	25	46	3	1	123	18
L24E 0800S	3.6	46	38	6	3	105	14
L24E 0850S	3.8	6	55	1	1	181	5

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0230-SJ9+10
 DATE: 93/06/03
 • SOIL • (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L24E 0900S	.9	5	45	7	1	68	11
L24E 0950S	1.0	1	48	3	1	66	8
L24E 1000S	2.8	2	77	1	1	71	47
L24E 1050S	2.6	1	54	1	1	75	11
L24E 1100S	1.8	10	55	9	1	74	5
L24E 1150S	2.8	11	64	5	1	97	9
L24E 1200S	2.9	254	424	2	1	74	69
L24E 1250S	2.3	94	350	5	1	50	310
L24E 1300S	1.5	26	142	4	1	76	20
L24E 1350S	2.0	9	49	12	1	68	10
L24E 1400S	1.9	4	19	10	1	85	8
L24E 1450S	2.2	27	31	10	1	90	16
L24E 1500S	2.9	30	42	3	1	81	14
L24E 1550S	1.9	7	20	10	1	65	7
L24E 1600S	2.0	6	16	5	1	61	5
L24E 1650S	4.6	1	59	1	1	82	8
L24E 1700S	1.7	5	22	6	1	83	6
L24E 1750S	1.8	21	27	11	1	93	2
L24E 1800S	1.9	18	30	9	1	113	1
L24E 1850S	1.8	7	26	6	1	81	3
L24E 1900S	1.3	23	21	6	1	76	1
L24E 1950S	1.5	14	24	8	1	75	2
L24E 2000S	1.5	35	40	14	1	87	4
L24E 2050S	1.1	10	17	12	1	69	2
L24E 2100S	.8	10	20	4	1	91	2
L24E 2150S	.2	22	58	9	1	53	10
L24E 2200S	.9	5	23	7	1	59	6
L24E 2250S	1.3	1	21	6	1	97	8
L24E 2300S	1.4	14	27	5	1	83	5
L24E 2350S	3.1	1	12	3	1	63	2
L24E 2400S	1.5	6	8	4	1	32	7
L24E 2500S	1.1	14	29	6	1	61	10
L24E 2550S	.9	19	74	10	1	93	13
L24E 2600S	.8	12	26	8	1	141	5
L24E 2650S	1.2	3	12	6	1	58	4
L24E 2700S	1.2	10	27	9	1	55	4
L24E 2750S	1.3	10	22	6	1	57	7
L24E 2800S	1.1	9	17	2	1	61	6
L24E 2850S	1.4	17	25	8	1	109	6
L24E 2900S	1.2	11	14	9	1	122	9
L24E 2950S	1.5	12	28	10	1	108	2
L24E 3000S	1.4	28	52	5	1	58	18
L24E 3050S	1.8	21	31	10	1	87	5
L24E 3100S	1.3	17	23	3	1	70	3
L24E 3150S	1.4	13	23	5	1	73	4
L24E 3200S	.9	11	23	3	1	46	11
L24E 3250S	1.0	22	53	10	1	38	6
L24E 3300S	1.4	17	29	8	1	58	5

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ11-12

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/03

ATTN: JIM MILLER-TAIT

(604)980-5814 OR (604)988-4524

* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L24E 3350S	.7	5	16	6	1	46	3
L24E 3400S	.9	3	22	5	1	43	4
L24E 3450S	1.2	12	34	5	1	60	5
L24E 3500S	1.1	4	27	3	1	65	11
L24E 3550S	1.2	10	17	7	1	45	4
L24E 3600S	1.6	13	25	8	1	102	7
L24E 3650S	1.6	16	61	4	1	59	5
L24E 3700S	1.7	11	29	8	1	87	17
L24E 3750S	1.3	3	16	7	1	48	29
L24E 3800S	1.3	3	12	3	1	36	18
L24E 3850S	1.7	6	19	3	1	41	10
L24E 3900S	1.4	14	14	6	1	71	8
L24E 3950S	1.5	11	20	2	1	71	17
L24E 4000S	1.3	6	28	8	1	63	8
L27E 0000S	2.9	47	90	6	1	114	5
L27E 0050S	2.3	17	49	5	1	167	8
L27E 0100S	2.3	14	43	8	1	335	9
L27E 0150S	1.3	41	55	2	1	153	10
L27E 0200S	3.2	85	55	8	1	178	16
L27E 0250S	3.7	87	70	2	1	107	8
L27E 0300S	2.6	63	125	6	1	204	6
L27E 0350S	2.5	53	65	5	1	98	15
L27E 0400S	3.6	32	55	2	1	140	14
L27E 0450S	4.0	67	44	4	1	97	28
L27E 0500S	1.8	67	35	6	1	158	21
L27E 0550S	3.4	66	69	1	1	75	6
L27E 0600S	3.1	231	87	3	1	76	53
L27E 0650S	3.2	88	76	1	1	85	57
L27E 0700S	2.0	25	32	6	1	71	2
L27E 0750S	2.4	18	28	2	1	90	8
L27E 0800S	3.4	10	66	1	1	75	26
L27E 0850S	3.8	14	59	1	1	72	31
L27E 0900S	4.4	7	59	1	1	66	7
L27E 0950S	3.5	9	46	1	1	68	6
L27E 1000S	3.5	9	38	1	1	103	4
L27E 1050S	4.1	1	49	1	1	88	7
L27E 1100S	2.9	2	27	6	1	56	11
L27E 1150S	4.1	3	56	1	1	99	9
L27E 1200S	3.0	9	47	3	1	81	7
L27E 1250S	3.4	4	36	1	1	74	8
L27E 1300S	2.2	13	38	3	1	71	4
L27E 1350S	2.3	10	41	2	1	86	2
L27E 1400S	2.5	14	40	6	1	80	5
L27E 1450S	2.2	15	32	2	1	63	5
L27E 1500S	2.2	15	47	2	1	78	6
L27E 1550S	3.1	29	42	4	1	69	115
L27E 1600S	3.8	5	65	4	1	74	7
L27E 1650S	3.1	12	35	4	1	68	3

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ13+14

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/14

ATTN: JIM MILLER-TAIT

(604)980-5814 OR (604)988-4524

* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L27E 1700S	2.3	8	41	2	1	50	3
L27E 1750S	3.2	5	48	1	1	51	6
L27E 1800S	2.1	2	21	6	1	61	5
L27E 1850S	2.2	15	30	1	1	95	4
L27E 1900S	1.1	9	22	3	1	38	2
L27E 1950S	1.3	6	18	5	1	53	9
L27E 2000S	1.3	13	40	5	1	69	6
L27E 2050S	1.2	22	50	8	1	56	7
L27E 2100S	1.2	11	41	7	1	60	4
L27E 2150S	1.1	13	39	6	1	60	4
L27E 2200S	1.0	8	20	6	1	65	6
L27E 2250S	.9	16	22	8	1	54	6
L27E 2300S	1.0	7	28	8	1	60	4
L27E 2350S	1.0	12	15	9	1	50	6
L27E 2400S	1.0	11	21	4	1	33	8
L27E 2450S	.9	16	20	6	1	45	3
L27E 2550S	1.4	5	11	5	1	32	7
L27E 2700S	1.0	6	17	8	1	37	17
L27E 2750S	1.0	9	8	4	1	33	5
L27E 2800S	.9	34	12	14	2	35	8
L27E 2850S	1.2	12	20	9	1	104	5
L27E 2900S	1.1	10	22	10	1	40	7
L27E 2950S	.9	9	16	7	1	36	15
L27E 3000S	1.6	5	9	6	1	49	8
L27E 3050S	.7	8	6	7	1	22	19
L27E 3100S	1.1	18	25	4	1	53	4
L27E 3150S	1.4	13	45	6	1	45	7
L27E 3200S	1.2	15	16	6	1	43	6
L27E 3250S	1.3	15	22	9	1	43	8
L27E 3300S	1.1	11	28	3	1	67	4
L27E 3800S	1.3	10	27	9	1	63	2
L27E 3850S	1.2	38	53	7	1	44	15
L27E 3900S	1.0	12	26	5	1	46	6
L27E 3950S	1.0	31	60	8	1	63	11
L27E 4000S	.9	36	67	8	1	64	20
L27E 4050S	.8	5	11	6	1	57	3
L27E 4100S	1.3	50	41	7	1	57	4
L27E 4150S	1.1	15	18	6	1	67	7
L27E 4200S	1.1	10	15	4	1	69	2
L27E 4250S	1.8	15	26	3	1	85	4
L27E 4300S	1.3	27	29	6	1	73	17
L27E 4350S	1.4	25	31	6	1	90	6
L27E 4400S	1.3	20	33	9	1	77	20
L27E 4450S	1.3	30	46	9	1	50	4
L27E 4500S	1.5	25	35	9	1	81	18
L30E 0000S	1.1	12	11	6	1	61	3
L30E 0050S	2.5	58	36	2	1	210	4
L30E 0100S	1.4	12	7	8	1	44	7

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ15-16

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/03

ATTN: JIM MILLER-TAIT

(604)980-5814 OR (604)988-4524

* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L30E 0150S	.9	16	20	8	1	49	13
L30E 0200S	1.2	17	26	2	1	64	8
L30E 0250S	2.1	23	38	4	1	169	5
L30E 0300S	1.7	51	70	10	1	92	10
L30E 0350S	2.6	56	35	10	1	180	20
L30E 0400S	2.1	119	61	6	1	62	18
L30E 0450S	2.3	273	51	10	3	160	75
L30E 0500S	2.4	233	47	8	1	172	56
L30E 0550S	2.0	163	25	2	1	95	133
L30E 0600S	4.3	87	46	1	1	87	28
L30E 0650S	1.1	139	44	12	3	96	17
L30E 0700S	1.7	40	28	9	1	98	15
L30E 0750S	2.0	1019	94	12	3	84	2470
L30E 0800S	1.9	336	42	6	1	105	155
L30E 0850S	1.9	48	50	7	1	148	18
L30E 0900S	1.5	35	27	5	1	111	1
L30E 0950S	2.1	30	52	2	1	110	8
L30E 1000S	2.6	38	77	1	1	80	12
L30E 1050S	1.7	11	23	11	1	88	7
L30E 1100S	1.5	34	23	14	1	132	13
L30E 1150S	.8	38	176	10	1	169	15
L30E 1200S	1.9	5	26	8	1	103	6
L30E 1250S	1.5	10	39	5	1	82	7
L30E 1300S	1.0	1	12	6	1	56	5
L30E 1350S	1.1	28	62	6	1	72	5
L30E 1400S	1.7	4	32	4	1	95	3
L30E 1450S	2.9	16	56	5	1	83	6
L30E 1500S	2.8	7	54	1	1	86	8
L30E 1550S	1.6	5	13	10	1	66	1
L30E 1600S	3.2	3	29	7	1	83	4
L30E 1650S	3.1	13	25	2	1	71	8
L30E 1700S	.7	7	8	8	1	48	3
L30E 1750S	1.9	7	42	10	1	107	8
L30E 1800S	2.8	6	44	1	1	70	10
L30E 1850S	2.3	9	33	10	1	73	12
L30E 1900S	3.1	2	32	4	1	92	5
L30E 1950S	1.6	5	18	9	1	46	4
L30E 2000S	2.8	13	44	5	1	64	7
L30E 2050S	2.2	8	18	8	1	50	6
L30E 2100S	.7	13	16	7	1	49	4
L30E 2150S	.8	16	20	7	1	57	7
L30E 2200S	2.3	11	19	7	1	59	6
L30E 2250S	1.7	1	11	9	1	51	6
L30E 2300S	2.8	13	40	10	1	71	1
L30E 2350S	.9	11	8	6	1	52	2
L30E 2400S	1.1	16	8	9	1	54	18
L30E 2450S	1.0	16	20	6	1	56	7
L30E 2500S	1.2	13	17	13	1	63	3

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ17+18

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/03

ATTN: JIM MILLER-TAIT

(604) 980-5814 OR (604) 988-4524

* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L30E 2550S	.7	18	16	7	1	68	1
L30E 2600S	.8	17	20	10	1	72	48
L30E 2650S	.8	20	25	8	1	51	1
L30E 2700S	1.1	21	22	6	1	50	5
L30E 2750S	.7	25	22	9	1	53	3
L30E 3150S	1.9	24	29	8	1	70	6
L30E 3200S	1.9	14	20	9	1	65	5
L30E 3250S	1.0	23	28	10	1	74	10
L30E 3300S	.8	11	9	8	1	39	1
L30E 3350S	.7	28	38	8	1	42	10
L30E 3400S	.9	26	43	10	1	48	9
L30E 3450S	1.2	24	39	17	1	47	12
L30E 3500S	1.1	32	32	11	1	43	6
L30E 3550S	1.0	23	22	10	1	66	15
L30E 3600S	.9	17	17	7	1	48	7
L30E 3650S	1.0	25	31	9	2	65	5
L30E 3700S	1.1	23	21	11	2	69	6
L30E 3750S	1.2	20	21	8	1	68	7
L30E 3800S	1.3	24	26	11	2	69	5
L30E 3850S	1.2	32	34	10	2	74	4
L30E 3900S	1.0	35	23	10	2	68	6
L30E 3950S	.8	32	19	12	2	103	3
L30E 4000S	1.0	31	29	12	2	91	22
L30E 4050S	1.0	23	17	12	2	62	4
L30E 4100S	.4	17	11	7	1	48	2
L30E 4150S	.6	27	43	7	1	92	8
L30E 4200S	.7	19	27	10	1	93	1
L30E 4250S	.6	40	36	13	1	112	8
L30E 4300S	.5	22	13	8	1	62	7
L30E 4350S	.5	37	37	12	1	79	21
L30E 4400S	.3	26	32	7	1	47	6
L30E 4450S	.4	16	23	9	1	78	2
L30E 4500S	.5	36	59	10	1	47	11
L30E 4550S	.5	27	51	13	1	52	5
L30E 4600S	.7	24	31	13	1	65	5
L30E 4650S	.7	30	41	12	1	62	1
L30E 4700S	.4	24	35	10	1	56	11
L30E 4750S	.5	24	38	10	1	57	4
L30E 4800S	.5	17	31	9	1	52	4
L30E 4850S	.7	15	20	7	1	55	3
L30E 4900S	1.0	26	56	4	1	57	7
L30E 4950S	1.0	37	59	13	1	64	12
L30E 5000S	1.0	36	58	13	1	76	27
L30E 5050S	.8	24	38	8	1	62	8
L30E 5100S	.8	27	40	8	1	61	16
L30E 5150S	.6	31	49	11	1	76	6
L30E 5200S	.5	17	15	10	1	52	4
L30E 5250S	.6	18	14	13	2	47	3

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ19+20

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/03

ATTN: JIM MILLER-TAIT

(604)980-5814 OR (604)988-4524

* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L30E 5300S	1.2	20	33	13	1	127	4
L30E 5350S	1.0	10	20	8	1	49	9
L30E 5400S	1.3	13	28	8	1	95	5
L30E 5450S	1.2	17	38	6	1	60	13
L30E 5500S	.8	16	52	7	1	70	3
L30E 5550S	.8	18	32	6	1	59	3
L30E 5600S	1.0	14	78	11	1	44	5
L30E 5650S	1.0	21	32	7	1	58	4
L30E 5700S	1.1	10	13	12	1	40	4
L33E 0000S	1.0	18	29	11	1	310	2
L33E 0050S	1.0	22	39	13	1	122	1
L33E 0100S	1.2	29	38	12	1	178	3
L33E 0150S	1.0	35	33	6	1	92	8
L33E 0200S	1.0	18	21	7	1	66	2
L33E 0250S	1.1	11	15	8	1	102	3
L33E 0300S	1.1	39	40	12	2	74	2
L33E 0350S	1.0	35	46	12	1	75	4
L33E 0400S	1.2	37	43	12	1	87	28
L33E 0450S	1.5	34	45	12	1	186	7
L33E 0500S	1.1	107	41	8	1	67	42
L33E 0550S	1.5	17	21	9	1	122	13
L33E 0600S	1.1	44	45	9	1	59	16
L33E 0650S	1.1	48	34	11	2	90	5
L33E 0700S	1.2	44	44	9	1	177	4
L33E 0750S	1.2	29	74	9	1	209	6
L33E 0800S	.7	18	22	6	1	81	7
L33E 0850S	1.0	35	36	11	2	177	5
L33E 0900S	1.5	36	94	10	2	70	14
L33E 0950S	1.0	128	123	10	1	78	20
L33E 1000S	.4	12	30	9	1	117	2
L33E 1050S	.6	32	105	10	1	126	3
L33E 1100S	.9	18	39	9	1	111	2
L33E 1150S	1.0	13	65	10	1	70	1
L33E 1200S	.7	15	30	12	2	80	1
L33E 1250S	.7	21	32	6	1	76	2
L33E 1300S	.9	13	27	10	1	107	6
L33E 1350S	1.1	11	72	7	1	133	1
L33E 1400S	.8	17	45	12	1	148	1
L33E 1450S	1.0	22	40	8	1	138	2
L33E 1500S	.5	6	16	9	1	107	1
L33E 1550S	1.0	24	65	7	1	119	4
L33E 1600S	1.1	33	54	11	2	183	2
L33E 1650S	.5	71	86	14	2	120	3
L33E 1700S	1.3	13	18	10	1	149	1
L33E 1750S	.9	45	56	11	2	116	15
L33E 1800S	.8	15	23	7	1	82	3
L33E 1850S	.9	52	49	11	1	107	10
L33E 1900S	.7	66	26	11	2	77	42

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ21+22

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/03

ATTN: JIM MILLER-TAIT

(604)980-5814 OR (604)988-4524

* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L33E 1950S	.9	40	28	3	1	73	5
L33E 2000S	2.2	22	39	3	1	78	2
L33E 2050S	1.7	21	40	7	1	76	4
L33E 2100S	2.0	30	48	7	1	84	27
L33E 2150S	1.6	35	46	6	1	92	6
L33E 2200S	1.3	22	27	10	1	61	3
L33E 2250S	1.3	28	28	5	1	66	6
L33E 2300S	1.4	25	27	2	1	74	11
L33E 2350S	1.3	38	43	3	1	48	8
L33E 2400S	1.5	34	32	8	1	76	1
L33E 2450S	1.7	19	55	8	2	60	1
L33E 2500S	1.4	21	28	6	1	54	2
L33E 2550S	1.5	28	29	7	2	72	7
L33E 2600S	1.2	18	26	2	1	43	3
L33E 2650S	1.4	34	35	9	3	57	11
L33E 2700S	1.3	27	31	7	1	49	2
L33E 2750S	1.3	28	34	6	1	56	1
L33E 2800S	1.3	25	16	9	2	55	1
L33E 2900S	1.2	52	152	12	4	118	12
L33E 2950S	1.6	112	166	11	7	98	16
L33E 3000S	1.6	32	37	11	2	100	9
L33E 3050S	2.3	48	40	11	2	134	4
L33E 3100S	1.7	41	48	8	1	55	7
L33E 3150S	2.4	46	30	11	4	90	3
L33E 3200S	1.0	20	27	10	1	64	1
L33E 3250S	1.1	35	36	8	1	59	7
L33E 3300S	2.0	22	37	5	1	126	1
L33E 3350S	3.2	18	28	5	1	62	3
L33E 3400S	2.6	17	39	6	1	100	1
L33E 3450S	1.9	15	19	5	1	58	5
L33E 3500S	1.7	68	65	12	3	108	55
L33E 3550S	2.1	17	30	7	1	80	2
L33E 3600S	2.4	19	46	9	1	74	10
L33E 3650S	2.1	6	23	6	1	87	6
L33E 3700S	1.7	20	41	11	1	96	3
L33E 3750S	1.2	11	24	5	1	110	2
L33E 3800S	1.5	24	40	7	1	66	1
L33E 3850S	1.9	28	28	11	1	76	2
L33E 3900S	2.1	29	33	10	1	133	12
L33E 3950S	2.2	44	39	7	2	61	4
L33E 4000S	1.5	28	31	9	1	44	4
L33E 4050S	1.5	32	37	10	1	57	5
L33E 4100S	2.3	34	29	8	3	172	2
L33E 4150S	1.6	31	24	7	1	64	8
L33E 4200S	1.4	22	29	4	1	34	4
L33E 4250S	2.5	28	111	12	1	73	4
L33E 4300S	1.3	23	11	7	2	49	2
L33E 4350S	2.3	44	52	10	1	77	5

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ23+24

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/03

ATTN: JIM MILLER-TAIT

(604)980-5814 OR (604)988-4524

* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L33E 4400S	.8	17	50	10	1	61	4
L33E 4450S	.8	17	25	14	1	58	1
L33E 4500S	1.4	18	32	10	1	50	5
L33E 4550S	1.6	24	32	5	1	73	3
L33E 4600S	1.5	29	33	7	1	60	5
L33E 4650S	1.7	29	30	10	1	46	1
L33E 4700S	1.8	26	41	10	1	60	2
L33E 4750S	1.7	24	37	10	1	65	4
L33E 4800S	1.2	16	14	8	1	49	5
L33E 4850S	1.9	37	71	10	1	138	3
L33E 4900S	2.1	33	36	9	1	119	8
L33E 4950S	1.4	22	20	8	1	66	2
L33E 5000S	2.1	40	35	15	2	130	2
L33E 5050S	1.9	42	40	13	1	116	7
L33E 5100S	2.1	40	53	10	1	57	4
L33E 5150S	1.5	27	33	10	1	119	2
L33E 5200S	1.4	45	43	12	1	85	10
L33E 5250S	1.6	41	58	9	1	91	3
L33E 5300S	1.8	37	63	17	2	76	6
L33E 5350S	2.3	57	73	13	3	103	8
L33E 5400S	2.0	53	55	15	2	93	5
L33E 5450S	.6	69	36	19	4	129	89
L33E 5500S	1.9	45	43	15	3	154	4
L33E 5550S	2.1	47	44	10	2	85	5
L33E 5600S	1.4	37	96	17	1	91	5
L33E 5650S	1.3	27	55	12	1	63	2
L33E 5700S	1.7	35	58	10	1	88	4
L33E 5750S	1.9	37	51	7	1	74	6
L33E 5800S	1.9	36	64	15	1	144	7
L33E 5850S	1.2	33	94	15	1	104	9
L33E 5900S	1.4	25	71	16	1	76	5
L33E 5950S	1.5	50	74	11	2	85	8
L33E 6000S	1.8	37	52	8	2	78	6
L33E 6050S	1.6	32	59	12	1	88	4
L33E 6100S	1.8	34	27	7	1	71	5
L33E 6150S	1.4	15	13	9	1	41	6
L33E 6200S	1.7	27	21	6	2	51	5
L33E 6250S	1.4	28	35	8	1	88	8
L33E 6300S	1.8	39	89	13	2	86	6
L33E 6350S	1.5	27	50	13	1	69	5
L33E 6400S	1.2	16	17	7	1	142	2
L33E 6450S	1.8	26	62	9	1	64	5
L33E 6500S	1.3	28	25	13	2	90	3
L33E 6550S	.9	34	40	11	2	75	5
L33E 6600S	2.0	31	42	10	1	84	4
L36E 0000S	1.7	53	62	12	2	100	5
L36E 0050S	1.7	25	16	12	2	124	5
L36E 0100S	1.9	55	52	14	3	120	7

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604) 980-5814 OR (604) 988-4524

FILE NO: 3V-0230-SJ25+26
 DATE: 93/06/03
 • SOIL • (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L36E 0150S	.6	22	16	8	1	67	3
L36E 0200S	1.6	39	28	9	1	189	2
L36E 0250S	1.3	40	40	11	1	199	6
L36E 0300S	1.4	48	38	11	1	101	10
L36E 0350S	1.5	32	19	13	1	133	4
L36E 0400S	1.5	69	58	13	2	95	6
L36E 0450S	1.5	65	70	8	1	86	10
L36E 0500S	1.1	33	78	11	1	101	23
L36E 0550S	1.4	36	45	10	1	56	9
L36E 0600S	.9	15	5	10	3	35	3
L36E 0650S	1.0	27	15	7	1	66	1
L36E 0700S	1.4	38	65	14	1	121	4
L36E 0750S	1.9	37	134	10	2	185	7
L36E 0800S	1.5	34	107	12	1	195	3
L36E 0850S	1.4	31	26	10	2	92	6
L36E 0900S	1.8	46	51	13	3	136	3
L36E 0950S	1.2	25	8	8	3	45	2
L36E 1000S	1.1	28	9	13	3	42	1
L36E 1050S	1.5	27	81	11	1	104	6
L36E 1100S	.9	13	7	8	2	42	2
L36E 1150S	.9	15	16	6	1	72	5
L36E 1200S	1.2	21	30	9	2	88	4
L36E 1250S	1.9	31	90	11	2	137	5
L36E 1300S	1.4	40	189	10	3	255	3
L36E 1350S	.1	22	138	9	1	187	3
L36E 1400S	1.1	33	59	7	1	121	5
L36E 1450S	1.1	32	72	2	1	93	4
L36E 1500S	1.2	24	55	11	1	106	3
L36E 1550S	1.3	30	60	14	1	110	7
L36E 1600S	1.6	31	78	10	1	100	6
L36E 1650S	1.1	28	66	11	1	100	30
L36E 1700S	.8	15	21	15	1	99	2
L36E 1750S	1.0	24	31	10	1	140	6
L36E 1800S	1.0	20	48	6	1	80	2
L36E 1850S	1.1	22	19	9	1	152	5
L36E 1900S	1.4	24	22	3	1	150	4
L36E 1950S	1.7	43	57	8	1	85	8
L36E 2000S	1.9	57	70	5	1	87	7
L36E 2050S	1.9	54	61	7	1	87	61
L36E 2100S	1.0	19	10	9	1	46	4
L36E 2150S	1.4	16	10	9	2	55	6
L36E 2200S	1.9	46	46	9	1	70	12
L36E 2250S	1.9	29	25	9	1	81	40
L36E 2300S	2.0	31	29	10	2	84	37
L36E 2350S	1.8	26	19	8	1	76	2
L36E 2400S	2.6	28	52	13	1	104	6
L36E 2450S	1.1	8	16	5	1	74	56
L36E 2500S	1.5	17	24	8	1	66	4

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604) 980-5814 OR (604) 988-4524

FILE NO: 3V-0230-SJ27+28
 DATE: 93/06/03
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L36E 2550S	1.6	6	49	6	1	77	5
L36E 2600S	1.0	2	14	9	1	50	4
L36E 2650S	2.1	1	37	9	1	93	8
L36E 2700S	.7	1	16	8	1	59	3
L36E 2750S	1.5	7	38	5	1	110	4
L36E 2800S	.1	11	23	9	1	61	7
L36E 2850S	.4	10	9	5	1	46	5
L36E 2900S	1.4	11	26	7	1	108	4
L36E 2950S	1.5	23	62	6	1	74	5
L36E 3000S	1.1	1	13	9	1	66	6
L36E 3050S	1.1	6	21	8	1	71	5
L36E 3100S	1.0	1	18	9	1	86	9
L36E 3150S	1.6	1	12	6	1	63	7
L36E 3200S	.8	1	11	6	1	43	4
L36E 3250S	.7	1	9	2	1	39	3
L36E 3300S	1.7	28	22	8	1	66	6
L36E 3350S	1.6	1	43	7	1	74	2
L36E 3400S	2.3	1	47	4	1	77	4
L36E 3450S	1.1	6	16	8	1	69	3
L36E 3500S	2.0	13	61	5	1	72	10
L36E 3550S	1.2	1	16	6	1	74	5
L36E 3600S	.9	6	6	5	1	41	2
L36E 3650S	1.0	6	11	10	1	52	1
L36E 3700S	.9	1	11	8	1	66	4
L36E 3750S	.7	1	35	7	1	138	5
L36E 3800S	.2	1	6	5	1	45	2
L36E 3850S	1.4	12	29	6	1	138	1
L36E 3900S	.3	1	6	2	1	61	2
L36E 3950S	1.9	20	61	8	1	113	8
L36E 4000S	1.7	23	54	8	1	114	6
L36E 4050S	1.1	10	12	5	1	99	15
L36E 4100S	.9	12	42	9	1	150	10
L36E 4150S	.8	14	94	5	1	141	31
L36E 4200S	.8	7	65	7	1	84	7
L36E 4250S	1.7	13	52	10	1	159	2
L36E 4300S	1.0	8	14	7	1	114	1
L36E 4350S	.9	4	11	2	1	88	1
L36E 4400S	.4	1	35	11	1	171	2
L36E 4450S	1.0	2	12	5	1	51	2
L36E 4500S	.7	10	11	7	1	44	3
L36E 4550S	1.0	10	10	6	1	46	4
L36E 4600S	1.7	25	48	4	1	81	2
L36E 4650S	1.8	25	46	8	1	75	4
L36E 4700S	1.9	24	34	9	1	77	1
L36E 4750S	1.5	17	22	5	1	61	4
L36E 4800S	1.8	20	37	8	1	99	2
L36E 4850S	1.3	12	17	10	1	59	2
L36E 4900S	1.9	21	19	11	1	75	7

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0230-SJ29+30
 DATE: 93/06/03
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L36E 4950S	.8	23	50	11	1	93	2
L36E 5000S	1.1	16	36	12	1	143	8
L36E 5050S	1.3	4	24	4	1	99	9
L36E 5100S	1.1	11	13	9	1	55	2
L36E 5150S	1.2	23	28	9	1	51	1
L36E 5200S	1.4	17	26	8	1	66	7
L36E 5250S	2.1	33	44	14	1	111	4
L36E 5300S	1.6	26	38	8	1	88	6
L36E 5350S	2.0	16	32	5	1	120	3
L36E 5400S	1.6	4	29	6	1	87	2
L36E 5450S	1.6	18	28	10	1	112	7
L36E 5500S	1.6	22	35	8	1	88	3
L36E 5550S	1.4	16	14	10	1	59	6
L36E 5600S	2.1	36	44	17	1	140	2
L36E 5650S	1.8	29	38	6	1	57	5
L36E 5700S	1.5	78	69	12	1	98	6
L36E 5750S	1.6	53	70	13	1	101	4
L36E 5800S	1.6	26	34	14	1	115	11
L36E 5850S	1.5	22	33	11	1	90	3
L36E 5900S	1.3	10	21	7	1	76	2
L36E 5950S	1.1	17	26	7	1	66	6
L36E 6000S	1.2	8	14	6	1	70	5
L36E 6050S	1.4	15	26	10	1	109	3
L36E 6100S	1.9	25	37	7	1	120	6
L36E 6150S	.9	10	38	13	1	110	1
L36E 6200S	1.1	21	29	8	1	84	4
L36E 6250S	1.4	21	39	6	1	117	6
L36E 6300S	1.0	22	21	6	1	58	5
L36E 6350S	1.0	14	19	8	1	112	7
L36E 6400S	.8	9	13	8	1	94	4
L36E 6450S	.7	8	9	7	1	50	3
L36E 6500S	1.1	19	37	12	1	107	8
L36E 6550S	.8	11	16	9	1	86	4
L36E 6600S	1.1	18	26	8	1	78	6
L36E 6650S	.9	15	24	9	1	64	9
L36E 6700S	1.3	22	29	8	1	83	6
L36E 6750S	1.1	13	16	7	1	66	4
L36E 6800S	1.3	14	18	11	1	90	2
L36E 6850S	1.0	13	16	10	1	71	5
L36E 6900S	1.6	77	240	23	2	123	19
L36E 6950S	1.2	13	22	11	1	84	5
L36E 7000S	1.5	25	35	8	1	94	4
L36E 7050S	1.9	26	45	11	1	82	47
L36E 7100S	1.5	28	56	11	1	96	8
L36E 7150S	1.0	11	41	8	1	51	7
L36E 7200S	1.0	14	42	5	1	52	6
L36E 7250S	.9	39	128	11	1	111	12
L36E 7300S	.5	4	15	6	1	60	5

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ31+32

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/14

ATTN: JIM MILLER-TAIT

(604)980-5814 OR (604)988-4524

* SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L36E 7350S	1.6	20	55	14	1	83	4
L36E 7400S	1.4	23	48	9	1	71	3
L39E 0000S	1.4	19	56	14	1	89	9
L39E 0050S	1.5	46	37	11	3	115	8
L39E 0100S	.5	32	51	15	1	114	15
L39E 0150S	1.0	46	120	13	5	97	10
L39E 0200S	.4	89	145	14	3	84	11
L39E 0250S	.5	61	176	15	2	76	14
L39E 0300S	.9	81	231	15	5	101	19
L39E 0350S	.7	58	164	12	1	98	21
L39E 0400S	.1	80	53	11	1	54	8
L39E 0450S	.3	39	39	12	1	41	9
L39E 0550S	.1	105	7	1	1	7	5
L39E 0600S	.1	54	7	1	1	17	4
L39E 0700S	.3	36	11	6	1	36	5
L39E 0750S	.4	35	18	7	2	53	8
L39E 0800S	.2	30	7	10	1	46	3
L39E 0850S	.5	26	10	5	1	54	2
L39E 1050S	.7	18	20	9	1	63	6
L39E 1100S	.5	23	13	8	1	45	7
L39E 1150S	.4	67	36	10	2	72	4
L39E 1400S	.5	52	79	8	1	32	30
L39E 1450S	.8	24	57	16	2	76	12
L39E 1500S	.7	52	35	10	1	34	7
L39E 1550S	.8	24	39	8	2	66	2
L39E 1600S	.9	37	138	9	1	80	21
L39E 1650S	1.1	53	121	13	3	82	15
L39E 1700S	1.2	60	115	11	3	90	13
L39E 1750S	1.0	86	120	11	3	96	24
L39E 1800S	.2	76	107	10	3	90	15
L39E 1850S	.9	76	148	12	4	110	14
L39E 1900S	.5	50	99	14	1	52	9
L39E 1950S	.3	44	58	17	1	117	10
L39E 2000S	.1	124	95	19	1	157	9
L39E 2050S	.8	84	91	9	3	106	12
L39E 2100S	.3	111	196	22	4	136	18
L39E 2150S	.1	151	230	24	6	126	20
L39E 2200S	.1	268	155	29	3	107	25
L39E 2250S	.1	162	182	19	7	157	14
L39E 2300S	.7	20	52	8	1	101	7
L39E 2350S	1.0	32	51	11	1	123	6
L39E 2400S	1.4	19	23	10	1	126	8
L39E 2450S	1.7	57	103	8	1	127	9
L39E 2500S	1.2	25	39	11	1	111	9
L39E 2550S	1.3	22	24	5	1	173	8
L39E 2600S	1.4	17	26	9	1	134	5
L39E 2650S	1.3	23	27	11	1	120	8
L39E 2700S	1.3	18	33	7	1	105	3

COMP: AVINO MINES

MIN-EN LABS — ICP REPORT

FILE NO: 3V-0230-SJ33+34

PROJ:

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

DATE: 93/06/14

ATTN: JIM MILLER-TAIT

(604)980-5814 OR (604)988-4524

* SOIL * (ACT:P31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L39E 2750S	.8	8	32	7	1	86	2
L39E 2800S	.8	6	29	5	1	71	4
L39E 2850S	1.2	12	77	6	1	113	6
L39E 2900S	1.2	20	54	7	1	125	5
L39E 2950S	1.2	21	56	5	1	101	5
L39E 3000S	1.5	31	56	5	1	109	8
L39E 3050S	1.4	25	30	9	1	110	4
L39E 3100S	1.5	18	36	1	1	62	7
L39E 3150S	1.3	9	17	6	1	54	6
L39E 3200S	.7	129	98	9	2	88	9
L39E 3250S	1.7	41	153	10	5	83	12
L39E 3300S	.7	113	91	16	2	76	9
L39E 3550S	1.1	89	146	11	4	79	12
L39E 3600S	.4	123	85	9	1	72	10
L39E 3650S	.6	56	88	11	6	60	41
L39E 3700S	.1	224	127	13	1	73	15
L39E 3750S	2.8	23	58	4	1	85	3
L39E 3800S	4.2	1	30	2	1	73	4
L39E 3850S	5.2	4	60	1	1	85	10
L39E 3900S	1.2	5	10	7	1	58	5
L39E 3950S	1.6	1	11	4	1	59	6
L39E 4000S	3.2	1	18	1	1	86	2
L39E 4050S	.8	1	12	7	1	61	3
L39E 4100S	1.5	1	21	4	1	63	2
L39E 4150S	2.8	1	70	2	1	87	3
L39E 4200S	2.5	1	43	5	1	102	8
L39E 4250S	1.3	1	25	5	1	74	3
L39E 4300S	1.5	2	22	9	1	65	5
L39E 4350S	1.3	8	13	6	1	44	2
L39E 4450S	1.8	15	73	3	1	71	4
L39E 4500S	1.8	9	68	10	1	99	46
L39E 4550S	1.7	28	52	7	1	133	5
L39E 4600S	1.9	15	78	7	1	65	20
L39E 4650S	1.0	7	23	7	1	62	6
L39E 4700S	1.5	27	74	10	1	103	5
L39E 4750S	1.8	1	38	5	1	86	9
L39E 4800S	1.3	12	32	10	1	76	16
L39E 4850S	1.7	16	84	8	1	85	7
L39E 4900S	2.2	9	71	12	1	103	12
L39E 4950S	1.3	21	37	13	1	95	9
L39E 5000S	1.5	40	80	9	1	66	12
L39E 5050S	1.1	15	49	6	1	111	8
L39E 5100S	1.3	17	52	9	1	115	11
L39E 5150S	1.6	22	59	7	1	158	12
L39E 5200S	1.0	6	14	4	1	71	6
L39E 5250S	1.6	8	22	5	1	83	4
L39E 5300S	2.2	30	69	6	1	153	7
L39E 5350S	2.0	9	58	8	1	176	8

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ1+2
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L39E 6650S	1.4	26	78	5	1	84	5
L39E 6700S	2.3	5	55	7	1	80	2
L39E 6750S	.8	1	9	10	1	60	2
L39E 6800S	1.7	4	46	16	1	243	1
L39E 6850S	1.0	1	25	17	1	301	2
L39E 6900S	2.0	21	71	14	1	187	7
L39E 6950S	1.1	5	28	10	1	140	3
L39E 7000S	1.6	15	56	13	1	246	2
L39E 7050S	2.1	33	66	15	1	145	3
L39E 7100S	.1	1	37	12	1	125	6
L39E 7150S	1.1	1	47	17	2	107	5
L39E 7200S	1.1	4	41	14	2	101	2
L39E 7250S	1.5	6	44	9	1	80	4
L39E 7300S	1.3	1	29	14	1	70	1
L39E 7350S	2.0	13	55	14	1	153	1
L39E 7400S	1.3	16	18	12	1	95	5
L39E 7450S	1.6	10	37	10	1	75	3
L39E 7500S	1.0	1	12	10	1	76	3
L39E 7550S	2.0	4	49	16	1	103	2
L39E 7600S	1.6	18	40	13	1	107	10
L39E 7650S	1.2	9	11	9	1	92	4
L39E 7700S	2.3	19	48	8	1	87	7
L39E 7750S	2.4	15	56	8	1	89	6
L39E 7800S	1.3	12	18	12	2	84	3
L39E 7850S	1.2	1	17	7	1	87	2
L39E 7900S	1.9	12	32	7	1	73	1
L39E 7950S	1.9	8	34	6	1	96	3
L39E 8000S	1.6	16	19	9	1	95	3
L42E 0000S	.9	1	15	6	1	38	2
L42E 0050S	1.7	2	27	14	1	69	3
L42E 0100S	1.3	3	7	3	2	27	1
L42E 0150S	2.5	18	37	11	1	182	5
L42E 0200S	1.9	2	32	14	1	180	4
L42E 0250S	2.4	35	77	7	1	189	3
L42E 0300S	2.4	21	81	2	1	188	3
L42E 0350S	1.8	6	10	7	1	66	7
L42E 0400S	2.9	83	115	4	1	160	4
L42E 0450S	2.4	41	74	7	1	232	2
L42E 0500S	2.7	46	78	12	1	209	3
L42E 0550S	2.9	50	76	7	1	220	5
L42E 0600S	2.8	39	42	10	2	229	1
L42E 0650S	2.2	6	9	7	1	66	2
L42E 0700S	2.7	17	24	14	1	115	1
L42E 0750S	1.9	6	10	9	1	79	2
L42E 0800S	3.0	30	78	4	1	108	5
L42E 0850S	1.9	36	107	16	4	108	16
L42E 0900S	2.0	31	81	12	3	100	15
L42E 0950S	2.4	43	83	13	4	113	24

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ3+4
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L42E 1000S	1.2	34	92	11	1	100	27
L42E 1100S	1.5	32	57	6	1	84	6
L42E 1150S	1.6	29	57	8	1	94	6
L42E 1200S	1.7	33	55	10	1	92	5
L42E 1250S	1.6	14	8	5	2	46	2
L42E 1300S	1.9	18	16	10	1	95	4
L42E 1350S	2.4	42	37	10	2	126	2
L42E 1400S	1.5	81	109	9	5	103	13
L42E 1450S	2.2	19	42	9	1	209	5
L42E 1500S	1.7	78	91	7	5	97	3
L42E 1550S	2.5	68	91	5	5	97	5
L42E 1600S	1.7	75	86	14	5	106	6
L42E 1650S	1.7	93	92	14	6	105	11
L42E 1700S	2.4	94	129	12	6	83	8
L42E 1750S	2.2	89	106	11	5	94	14
L42E 1800S	1.2	80	139	5	5	97	13
L42E 1850S	1.2	61	129	10	4	57	13
L42E 1900S	1.2	65	135	9	4	62	17
L42E 1950S	1.4	72	97	9	4	99	5
L42E 2000S	1.5	44	51	11	3	68	6
L42E 2050S	1.2	79	81	9	4	80	12
L42E 2100S	1.5	83	159	13	5	115	10
L42E 2150S	1.5	90	145	12	7	98	8
L42E 2200S	1.7	101	149	12	9	110	9
L42E 2250S	.9	1	48	10	1	182	1
L42E 2300S	1.2	68	84	10	5	89	20
L42E 2350S	1.0	69	127	6	5	83	16
L42E 2400S	1.8	87	143	14	5	93	11
L42E 2450S	1.1	65	120	13	6	78	13
L42E 2500S	.6	95	120	15	4	80	18
L42E 2550S	.7	179	91	23	5	85	7
L42E 2600S	.9	77	127	14	3	88	33
L42E 2650S	1.1	72	73	13	1	308	10
L42E 2700S	1.0	47	54	14	1	163	3
L42E 2750S	1.1	53	26	13	1	162	1
L42E 2800S	1.2	408	26	10	2	192	65
L42E 2850S	2.1	48	75	9	2	172	6
L42E 2900S	1.9	27	50	12	1	172	8
L42E 2950S	1.3	89	152	14	6	89	25
L42E 3000S	1.1	103	147	8	6	64	34
L42E 3050S	1.1	88	124	8	8	78	27
L42E 3100S	1.1	88	135	11	7	91	16
L42E 3150S	.9	84	109	10	7	86	11
L42E 3200S	1.2	83	157	14	7	76	15
L42E 3250S	.9	86	131	14	8	79	16
L42E 3300S	.9	97	139	11	9	76	13
L42E 3350S	1.2	79	132	18	7	83	6
L42E 3400S	.8	76	110	13	8	78	8

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ5+6
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L42E 3450S	.3	81	137	14	5	69	10
L42E 3500S	.6	83	144	12	6	71	24
L42E 3550S	.8	85	144	15	6	74	15
L42E 3600S	.4	91	176	15	8	92	13
L42E 3650S	.9	82	149	10	7	85	9
L42E 3750S	1.0	102	120	15	8	75	12
L42E 4050S	1.1	77	100	13	7	70	23
L42E 4100S	.6	51	83	8	6	68	10
L42E 4150S	1.5	37	82	15	1	101	4
L42E 4200S	2.2	19	45	6	1	112	7
L42E 4250S	2.1	8	30	14	1	99	1
L42E 4300S	1.1	38	44	7	1	87	3
L42E 4350S	1.4	20	60	8	1	80	2
L42E 4400S	1.5	16	32	17	1	141	3
L42E 4450S	1.0	15	27	11	1	78	6
L42E 4500S	1.3	1	19	6	1	143	1
L42E 4550S	.8	1	13	6	1	83	2
L42E 4600S	1.9	1	42	3	1	110	4
L42E 4650S	1.1	1	18	8	1	72	3
L42E 4700S	2.7	1	69	7	1	98	3
L42E 4750S	2.3	5	66	7	1	97	2
L42E 4800S	1.7	1	66	12	1	95	2
L42E 4850S	2.3	4	49	10	1	100	5
L42E 4900S	1.6	6	43	12	1	71	3
L42E 4950S	1.3	1	35	8	1	80	1
L42E 5000S	2.0	1	40	12	1	101	7
L42E 5050S	1.9	7	70	8	1	77	6
L42E 5100S	2.1	5	64	12	2	109	2
L42E 5150S	2.4	13	57	10	1	75	5
L42E 5200S	2.2	10	42	10	2	75	1
L42E 5250S	1.9	1	29	5	1	73	1
L42E 5300S	1.3	1	16	13	1	78	1
L42E 5350S	1.6	5	43	14	1	78	3
L42E 5400S	1.2	4	28	13	1	70	1
L42E 5450S	2.4	8	39	2	1	69	15
L42E 5500S	2.0	18	25	9	1	57	4
L42E 5550S	1.1	19	27	14	1	61	2
L42E 5600S	1.4	45	54	9	2	57	5
L42E 5650S	1.7	40	98	16	2	80	5
L42E 5700S	2.4	234	218	24	5	94	15
L42E 5750S	1.6	45	32	12	1	61	6
L42E 5800S	2.1	108	135	15	2	84	4
L42E 5900S	1.7	64	36	15	1	63	3
L42E 6000S	2.2	74	227	17	4	102	16
L42E 6100S	1.6	15	47	8	1	65	4
L42E 6150S	1.7	18	53	7	1	54	5
L42E 6200S	1.8	18	31	9	1	74	1
L42E 6250S	1.8	27	45	11	1	76	3

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ7+8
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L42E 6300S	1.1	24	45	13	1	86	2
L42E 6350S	1.4	19	51	9	1	78	5
L42E 6400S	1.5	19	34	12	1	80	3
L42E 6450S	1.6	16	33	10	1	74	1
L42E 6500S	1.7	22	54	9	1	81	2
L42E 6550S	2.0	26	46	10	2	115	1
L42E 6600S	1.8	22	43	10	1	72	6
L42E 6650S	1.7	23	37	9	1	59	8
L42E 6700S	1.8	23	43	12	1	61	3
L42E 6950S	1.3	23	32	8	1	147	2
L42E 7000S	1.9	36	46	15	1	168	4
L42E 7050S	1.3	24	27	9	1	107	3
L42E 7100S	1.4	30	29	12	1	101	2
L42E 7150S	1.4	44	18	7	1	78	2
L42E 7200S	1.6	23	34	11	1	141	3
L42E 7250S	.9	37	29	14	1	61	6
L42E 7300S	.2	478	56	14	3	36	5
L42E 7350S	1.3	95	55	12	1	72	5
L42E 7400S	1.4	152	63	13	2	60	7
L42E 7450S	1.3	13	15	10	1	179	3
L42E 7550S	1.0	19	12	10	1	134	1
L42E 7600S	1.3	23	27	10	1	104	2
L42E 7650S	1.3	8	21	9	1	114	4
L42E 7700S	1.5	21	29	14	1	131	1
L42E 7750S	.8	258	32	9	1	36	4
L42E 7800S	.9	18	43	11	1	73	4
L42E 7850S	1.1	18	23	8	1	134	3
L42E 7900S	1.7	22	40	8	1	172	7
L42E 7950S	1.7	34	67	12	1	83	4
L42E 8000S	1.1	23	48	8	1	78	1
L42E 8050S	1.4	10	33	10	1	102	2
L42E 8100S	1.5	46	61	14	1	61	5
L42E 8150S	1.5	18	36	13	1	156	2
L42E 8200S	.9	15	26	11	1	120	9
L42E 8250S	1.6	34	41	10	2	71	3
L42E 8300S	1.4	17	20	11	1	92	7
L42E 8350S	1.2	24	34	9	1	129	20
L42E 8400S	1.9	47	23	15	1	261	40
L45E 0000S	1.0	8	6	10	3	56	2
L45E 0050S	.9	8	6	8	3	53	1
L45E 0100S	.8	15	18	9	2	69	1
L45E 0150S	1.6	46	37	12	2	118	3
L45E 0200S	1.4	25	31	8	1	101	4
L45E 0250S	2.0	30	81	10	2	125	6
L45E 0300S	1.3	44	76	14	1	100	10
L45E 0350S	1.4	48	83	10	2	111	9
L45E 0400S	1.3	13	29	14	2	94	1
L45E 0450S	1.3	16	21	9	2	97	3

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ9+10
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L45E 0500S	1.6	13	31	9	1	85	3
L45E 0550S	1.5	21	66	6	1	166	8
L45E 0600S	1.7	36	66	6	1	113	5
L45E 0650S	1.0	8	15	8	2	58	3
L45E 0700S	1.4	11	20	6	1	103	2
L45E 0750S	1.0	19	19	5	1	159	4
L45E 0800S	.9	15	25	8	1	86	3
L45E 0850S	.8	13	23	9	1	81	3
L45E 1150S	.9	34	60	13	3	91	6
L45E 1200S	1.4	61	64	13	4	80	15
L45E 1250S	1.1	65	62	11	3	70	6
L45E 1300S	1.0	71	74	11	4	89	46
L45E 1350S	1.1	70	101	10	5	92	5
L45E 1550S	.8	87	129	11	6	80	34
L45E 1600S	1.3	95	117	16	7	147	5
L45E 1650S	.8	85	71	15	5	99	11
L45E 1700S	1.0	94	133	16	8	72	7
L45E 1750S	1.0	95	125	12	8	78	11
L45E 1800S	.1	134	102	11	6	67	27
L45E 1850S	.8	88	116	11	8	91	9
L45E 2000S	.8	52	91	11	3	202	9
L45E 2050S	.8	41	53	12	3	188	3
L45E 2100S	.8	35	41	12	2	188	3
L45E 2150S	.8	22	43	10	2	157	2
L45E 2450S	.3	146	203	20	7	126	12
L45E 2500S	.1	125	188	17	5	114	15
L45E 2800S	1.2	13	118	9	1	168	3
L45E 2850S	1.2	24	106	5	1	141	1
L45E 2900S	1.1	27	49	7	1	121	1
L45E 2950S	.9	26	47	7	1	83	2
L45E 3000S	.8	14	19	9	1	65	1
L45E 3050S	.8	27	30	9	1	70	10
L45E 3450S	.7	98	151	13	4	76	10
L45E 3500S	.8	105	152	12	5	86	1
L45E 3800S	3.5	13	36	5	1	70	2
L45E 3850S	4.4	9	40	1	1	64	4
L45E 3900S	3.2	16	31	3	1	67	1
L45E 3950S	1.2	16	17	11	1	62	9
L45E 4000S	1.2	53	157	17	1	195	10
L45E 4050S	2.9	32	61	10	1	131	3
L45E 4100S	2.7	19	26	17	1	83	1
L45E 4150S	5.4	4	68	2	1	81	1
L45E 4200S	3.6	1	27	8	1	95	1
L45E 4250S	1.7	43	62	9	1	83	4
L45E 4300S	1.4	31	38	15	1	109	9
L45E 4350S	1.1	53	63	11	1	78	4
L45E 4400S	1.4	51	97	11	1	74	5
L45E 4450S	1.3	46	50	14	1	106	4

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ11+12
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L45E 4500S	.7	24	20	9	1	56	21
L45E 4550S	3.0	16	116	1	1	77	1
L45E 4600S	1.2	46	60	11	1	74	5
L45E 4650S	1.4	45	63	5	1	100	9
L45E 4700S	1.4	54	80	7	1	60	25
L45E 4750S	1.5	19	49	9	1	114	5
L45E 4800S	1.3	19	34	12	1	158	2
L45E 4850S	1.4	28	31	9	1	120	4
L45E 4900S	1.6	24	37	4	1	111	2
L45E 5000S	1.9	29	62	5	1	73	10
L45E 5050S	1.6	27	68	7	1	79	8
L45E 5100S	1.7	30	42	7	1	72	5
L45E 5150S	1.9	30	32	11	1	84	2
L45E 5200S	1.5	21	31	5	1	68	6
L45E 5250S	1.5	57	64	11	1	103	6
L45E 5300S	1.4	45	62	6	1	82	4
L45E 5350S	1.9	25	25	7	1	134	5
L45E 5400S	1.5	41	56	7	1	151	8
L45E 5450S	1.3	59	65	12	1	98	6
L45E 5500S	1.9	65	63	14	1	129	3
L45E 5550S	1.4	42	53	9	1	105	26
L45E 5600S	1.2	36	67	11	1	102	4
L45E 5650S	1.6	26	28	16	2	311	3
L45E 5700S	1.3	33	55	5	1	106	2
L45E 5750S	1.0	1	10	8	1	82	3
L45E 5800S	.9	20	52	9	1	106	4
L45E 5850S	.8	18	50	8	1	92	1
L45E 6050S	.9	26	49	10	1	104	2
L48E 0500S	1.0	9	19	10	1	137	2
L48E 0550S	.6	24	-34	15	1	134	1
L48E 0600S	.9	21	31	12	1	123	3
L48E 0650S	.5	34	67	14	1	232	6
L48E 0700S	.8	12	20	14	1	80	6
L48E 0750S	1.1	16	14	14	1	97	5
L48E 0800S	.8	27	43	16	1	181	3
L48E 0850S	1.2	18	23	15	1	191	10
L48E 0900S	1.0	22	29	11	1	201	7
L48E 0950S	.9	36	34	10	1	138	9
L48E 1050S	.8	18	48	11	1	64	10
L48E 1150S	.8	79	111	11	2	88	14
L48E 1250S	1.0	98	174	15	5	92	12
L48E 1300S	1.1	82	156	13	3	86	10
L48E 1350S	1.0	68	132	10	2	74	9
L48E 1400S	.8	61	123	17	3	124	12
L48E 1450S	.7	70	118	11	2	96	14
L48E 1500S	1.0	22	33	8	1	140	6
L48E 1550S	1.0	29	30	13	1	137	4
L48E 1600S	1.0	26	24	9	1	141	2

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ13+14
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L48E 1650S	1.5	20	50	12	1	320	4
L48E 1700S	1.3	72	115	10	2	78	10
L48E 1750S	1.1	58	79	6	2	129	16
L48E 1800S	1.3	83	153	14	4	98	26
L48E 1850S	1.0	79	108	8	2	102	9
L48E 1900S	1.4	99	123	13	3	104	23
L48E 1950S	1.0	50	65	13	2	96	8
L48E 2000S	1.1	77	112	10	2	114	10
L48E 2050S	1.2	72	89	14	2	87	9
L48E 2100S	1.0	52	92	12	3	204	6
L48E 2150S	1.8	63	122	13	3	154	6
L48E 2200S	1.0	81	110	9	5	80	8
L48E 2250S	1.2	86	166	9	3	78	10
L48E 2300S	1.5	75	94	15	4	77	7
L48E 2350S	1.3	77	157	8	3	102	23
L48E 2400S	1.2	74	104	10	5	81	8
L48E 2450S	1.2	64	119	11	4	65	14
L48E 2500S	1.8	100	155	15	5	110	12
L48E 2550S	1.4	80	94	8	3	101	37
L48E 2600S	1.3	53	63	14	2	92	9
L48E 2650S	1.1	40	53	12	2	76	8
L48E 2700S	1.8	75	95	14	4	110	25
L48E 2750S	1.7	96	103	18	4	103	14
L48E 2800S	1.4	87	134	14	6	70	10
L48E 2850S	.7	56	123	6	2	67	13
L48E 2900S	.7	70	122	5	2	52	8
L48E 2950S	.8	58	106	10	2	65	7
L48E 3000S	.9	81	132	7	6	70	6
L48E 3050S	1.3	73	80	13	6	71	8
L48E 3100S	1.7	104	126	12	11	135	14
L48E 3150S	1.4	97	150	17	7	86	8
L48E 3200S	1.0	87	127	8	6	81	3
L48E 3250S	1.2	109	119	11	8	82	5
L48E 3300S	1.1	95	113	12	6	89	8
L48E 3350S	1.5	103	151	11	4	88	2
L48E 3400S	1.1	97	147	11	4	75	12
L48E 3450S	1.2	83	136	7	4	73	6
L48E 3500S	1.2	77	137	9	3	78	6
L48E 3550S	1.0	63	80	10	2	65	15
L48E 3600S	1.4	115	165	9	5	101	11
L48E 3650S	1.3	97	142	11	7	76	10
L48E 3700S	1.2	71	104	7	4	68	5
L48E 3750S	1.1	91	144	11	4	85	41
L48E 3800S	1.6	37	65	15	1	177	4
L48E 3850S	1.0	8	43	12	1	346	2
L48E 3900S	1.8	21	30	10	1	170	3
L48E 3950S	1.4	25	54	10	1	107	9
L48E 4050S	1.6	573	55	10	1	78	29

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ15+16
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L48E 4100S	.5	588	52	9	1	70	7
L48E 4150S	1.5	110	60	4	1	65	8
L48E 4200S	1.2	177	31	9	1	64	6
L48E 4250S	1.4	188	29	6	1	72	4
L48E 4300S	1.3	35	36	9	1	86	2
L48E 4350S	1.8	37	30	10	1	86	1
L48E 4400S	2.3	45	47	11	1	100	13
L48E 4450S	1.7	32	44	9	1	72	9
L48E 4500S	1.4	23	30	8	1	59	7
L48E 4550S	1.5	30	30	5	1	69	5
L48E 4600S	1.7	28	28	14	1	90	3
L48E 4650S	1.9	27	30	7	1	100	4
L48E 4700S	2.0	16	32	8	1	138	9
L48E 4750S	1.3	11	7	9	1	68	8
L48E 4800S	2.0	23	35	8	1	105	1
L48E 4850S	1.4	19	37	6	1	60	3
L48E 4900S	1.5	20	36	6	1	69	2
L48E 4950S	1.1	13	17	9	1	50	4
L48E 5000S	1.7	27	38	10	1	82	8
L48E 5050S	1.4	38	48	6	1	59	7
L48E 5100S	1.7	33	51	7	1	79	15
L48E 5150S	2.0	34	55	7	1	133	9
L48E 5200S	2.5	22	33	14	1	201	2
L48E 5250S	2.6	33	49	10	1	152	6
L48E 5300S	1.1	13	34	11	1	77	2
L48E 5350S	1.3	20	36	7	1	79	1
L48E 5400S	2.5	12	54	6	1	76	1
L48E 5450S	2.0	26	48	12	1	91	8
L48E 5500S	2.0	19	37	12	2	109	2
L48E 5550S	1.3	33	32	12	3	55	1
L48E 5600S	1.2	16	24	10	1	122	3
L48E 5650S	2.2	25	54	20	2	243	4
L48E 5700S	1.7	38	54	17	1	169	5
L48E 5750S	1.6	23	44	12	1	131	9
L48E 5800S	1.6	35	47	15	1	167	1
L48E 5850S	1.8	25	31	17	1	137	2
L48E 5950S	2.2	22	40	10	1	192	2
L48E 6000S	1.3	11	15	11	1	69	1
L48E 6050S	1.7	20	27	14	1	96	3
L48E 6100S	1.6	34	30	13	1	78	4
L48E 6150S	1.5	24	34	15	2	82	2
L48E 6200S	1.7	30	48	16	1	102	4
L48E 6250S	2.0	47	58	19	2	93	5
L48E 6300S	2.6	25	62	12	2	108	3
L48E 6350S	1.4	13	16	8	3	62	4
L48E 6400S	1.3	39	45	13	1	92	2
L48E 6450S	1.5	12	26	15	1	112	2
L48E 6500S	2.3	55	74	20	3	99	4

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ17+18
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L48E 6550S	1.1	12	23	10	1	68	8
L48E 6600S	1.9	20	38	9	1	91	3
L48E 6650S	2.0	25	46	13	2	110	5
L48E 6700S	1.9	26	45	12	1	87	4
L48E 6750S	2.4	20	44	8	1	73	5
L48E 6800S	2.2	30	59	7	1	104	3
L48E 6850S	2.2	21	45	13	1	81	2
L48E 6900S	2.0	15	36	17	1	94	13
L48E 6950S	2.1	35	45	13	2	93	1
L48E 7000S	1.9	18	38	11	1	92	1
L48E 7050S	1.9	20	31	11	2	137	3
L48E 7100S	1.8	22	32	19	1	104	3
L48E 7150S	2.0	19	30	13	1	100	1
L48E 7200S	1.9	24	43	15	1	146	6
L48E 7250S	1.8	30	33	14	2	97	4
L48E 7300S	2.1	31	40	17	1	104	5
L48E 7350S	1.4	17	19	12	1	107	3
L48E 7400S	2.4	33	70	13	1	97	2
L48E 7450S	2.7	37	69	13	2	102	3
L48E 7500S	1.6	21	18	14	2	96	2
L48E 7550S	1.9	25	41	14	2	99	8
L48E 7600S	1.9	38	46	14	2	109	4
L48E 7650S	1.8	23	39	18	2	122	3
L48E 7700S	1.8	22	47	12	1	83	4
L48E 7750S	1.4	9	53	14	1	103	9
L48E 7800S	1.6	12	65	8	1	142	4
L48E 7850S	1.9	23	58	19	1	162	10
L48E 7900S	2.3	49	101	8	3	153	8
L48E 7950S	2.1	16	37	10	1	120	1
L48E 8000S	2.3	33	85	16	3	186	8
L48E 8050S	2.1	66	124	10	3	173	11
L48E 8100S	2.1	70	124	13	3	173	10
L48E 8150S	2.2	53	129	16	3	182	14
L48E 8200S	2.1	60	113	13	4	161	9
L48E 8250S	2.2	66	120	14	3	172	10
L48E 8300S	1.6	28	71	14	2	167	7
L48E 8350S	2.2	38	79	13	2	134	8
L48E 8400S	2.3	39	87	9	4	150	14
L51E 0000S	1.3	35	37	15	4	182	3
L51E 0050S	1.4	47	53	19	6	219	7
L51E 0100S	1.1	25	17	13	2	79	2
L51E 0150S	1.0	16	12	5	2	63	3
L51E 0200S	1.4	11	23	17	3	173	4
L51E 0250S	1.6	30	28	14	3	255	3
L51E 0300S	1.9	24	44	15	2	226	4
L51E 0350S	1.4	23	26	12	4	149	3
L51E 0400S	1.7	28	41	25	4	242	8
L51E 0450S	1.4	8	7	10	2	70	3

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ19+20
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L51E 0500S	1.3	24	41	16	1	147	1
L51E 0550S	1.8	46	51	16	1	132	2
L51E 0600S	1.8	35	61	15	1	143	2
L51E 1000S	1.3	59	70	16	4	112	6
L51E 1050S	1.6	82	98	14	6	111	29
L51E 1100S	1.6	119	123	22	8	127	11
L51E 1150S	1.7	119	134	16	7	127	16
L51E 1200S	1.7	114	149	17	7	128	28
L51E 1250S	1.5	115	152	17	6	125	20
L51E 1300S	1.2	42	52	14	3	85	4
L51E 1350S	1.5	104	137	20	6	131	22
L51E 1400S	1.3	91	144	17	7	97	20
L51E 1450S	1.1	68	98	20	6	115	8
L51E 1500S	1.3	109	125	20	7	97	29
L51E 1550S	1.8	111	148	18	8	136	15
L51E 1600S	1.6	88	95	13	8	71	11
L51E 1650S	1.2	83	85	16	7	97	5
L51E 1700S	1.3	95	120	17	6	109	12
L51E 1750S	.9	65	96	12	5	97	4
L51E 1800S	1.5	84	110	13	8	101	5
L51E 1850S	1.5	69	90	18	7	108	3
L51E 1900S	1.5	79	139	12	6	68	15
L51E 1950S	1.3	70	153	15	6	73	11
L51E 2000S	1.7	103	127	18	7	115	47
L51E 2050S	.6	84	138	10	4	92	25
L51E 2100S	.7	50	58	9	3	70	34
L51E 2150S	.9	52	76	12	4	82	13
L51E 2200S	1.3	98	94	12	6	133	6
L51E 2250S	1.3	106	132	22	7	102	9
L51E 2300S	1.6	94	124	17	8	94	14
L51E 2350S	2.0	111	104	23	11	124	8
L51E 2400S	1.3	81	95	14	4	117	7
L51E 2450S	1.0	93	117	12	9	61	10
L51E 2500S	1.1	72	88	14	6	75	9
L51E 2550S	1.2	91	149	16	7	98	14
L51E 2600S	1.4	97	152	14	7	90	10
L51E 2650S	1.4	80	68	17	6	105	9
L51E 2700S	1.1	54	54	14	4	101	8
L51E 2750S	1.3	114	140	18	7	122	12
L51E 2800S	1.0	103	121	18	7	98	10
L51E 2900S	.9	74	88	11	8	66	13
L51E 2950S	.8	73	81	13	6	66	15
L51E 3000S	1.4	112	175	17	11	77	8
L51E 3050S	1.2	103	117	11	8	60	4
L51E 3100S	1.3	122	125	11	9	73	6
L51E 3150S	1.2	95	130	9	10	92	11
L51E 3200S	1.1	100	129	9	9	97	8
L51E 3250S	1.4	92	112	18	8	70	5

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ21+22
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L51E 3300S	.5	77	146	14	3	74	22
L51E 3450S	.8	17	22	12	1	102	12
L51E 3500S	.8	32	29	12	1	88	3
L51E 3550S	.8	42	35	12	1	91	4
L51E 3600S	1.3	35	57	8	1	68	7
L51E 3650S	.1	49	78	15	1	78	17
L51E 3700S	.1	49	69	23	1	66	6
L51E 3750S	.9	7	38	16	1	143	2
L51E 3800S	1.1	14	37	19	1	121	8
L51E 3850S	1.4	11	71	12	1	146	5
L51E 3900S	1.5	38	52	17	1	143	4
L51E 3950S	1.4	36	56	19	4	144	7
L51E 4000S	1.3	14	35	15	1	84	6
L51E 4050S	1.4	13	17	9	1	67	8
L51E 4100S	1.6	25	44	12	1	94	6
L51E 4150S	1.7	18	34	14	1	89	4
L51E 4200S	1.5	22	31	14	1	78	2
L51E 4250S	1.4	19	18	9	1	80	3
L51E 4300S	1.7	20	37	12	1	141	3
L51E 4350S	1.4	17	27	9	2	59	4
L51E 4400S	1.5	34	40	13	1	57	5
L51E 4450S	1.3	24	48	14	1	54	3
L51E 4500S	2.0	34	61	13	1	80	6
L51E 4550S	1.7	45	48	14	3	58	5
L51E 4600S	1.2	22	40	12	1	78	3
L51E 4650S	1.2	19	34	13	1	79	6
L51E 4700S	1.2	20	38	12	1	79	6
L51E 4750S	1.6	18	44	14	1	84	7
L51E 4800S	1.0	12	50	18	1	90	6
L51E 4850S	1.0	12	28	10	1	94	5
L51E 4900S	1.2	14	38	13	1	74	2
L51E 4950S	1.3	7	27	11	1	83	1
L51E 5000S	1.1	24	37	14	1	92	3
L51E 5050S	2.0	23	63	8	1	90	3
L51E 5100S	1.6	36	53	18	1	97	4
L51E 5150S	1.3	35	52	18	1	93	5
L51E 5200S	2.5	12	70	6	1	82	2
L51E 5250S	2.8	34	64	12	1	114	3
L51E 5300S	2.0	26	53	15	1	94	4
L51E 5350S	1.5	32	69	18	1	114	4
L51E 5400S	1.7	13	47	14	1	95	3
L51E 5450S	4.2	2	78	8	1	99	1
L51E 5500S	2.1	32	72	14	1	89	4
L51E 5550S	2.9	8	57	11	1	77	3
L51E 5600S	2.4	8	50	10	1	81	3
L51E 5650S	1.3	22	63	14	1	97	5
L51E 5700S	1.6	64	77	21	1	79	9
L51E 5750S	2.2	31	74	10	1	80	18

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ23+24
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L51E 5800S	.9	21	44	14	1	124	9
L51E 5850S	1.3	62	63	14	1	78	3
L51E 5900S	1.4	43	67	10	1	82	4
L51E 5950S	1.3	10	54	10	1	92	8
L51E 6000S	.7	6	41	11	1	88	6
L51E 6050S	1.1	24	50	11	1	86	5
L51E 6100S	.6	30	54	14	1	90	1
L51E 6150S	.6	23	45	11	1	60	8
L51E 6200S	.6	1	38	16	1	93	4
L51E 6250S	.6	5	36	10	1	58	3
L51E 6300S	1.0	12	40	12	1	66	3
L51E 6350S	1.3	23	58	8	1	64	14
L51E 6400S	.9	1	41	14	1	95	2
L51E 6450S	.7	1	53	17	1	94	4
L51E 6500S	.8	2	58	12	1	92	5
L51E 7200S	1.3	13	53	10	1	202	10
L51E 7250S	1.6	27	81	16	1	137	6
L51E 7300S	1.9	26	93	6	1	134	1
L51E 7350S	1.1	12	22	9	1	74	5
L51E 7400S	1.6	9	36	15	1	124	9
L51E 7450S	.8	4	29	17	1	102	4
L51E 7500S	1.7	32	65	16	1	119	11
L51E 7550S	.7	23	52	18	1	134	4
L51E 7600S	.9	36	80	14	1	129	3
L51E 7650S	1.7	19	64	10	1	134	3
L51E 7700S	1.4	19	54	10	1	100	3
L51E 7750S	1.7	33	86	15	1	138	4
L51E 7800S	.8	1	17	8	1	106	4
L51E 7850S	1.2	14	36	14	1	98	10
L51E 7900S	1.5	50	95	15	1	129	8
L51E 7950S	1.4	56	123	10	1	160	8
L51E 8000S	1.2	47	111	10	1	145	17
L51E 8050S	.8	9	32	14	1	111	3
L51E 8100S	.6	6	35	14	1	117	2
L51E 8150S	1.4	32	79	8	1	120	4
L51E 8200S	1.3	16	69	9	1	167	5
L54E 0000S	2.0	18	22	17	1	210	4
L54E 0050S	1.6	39	47	13	1	106	3
L54E 0100S	2.4	38	49	12	1	88	4
L54E 0150S	1.1	1	60	13	1	220	3
L54E 0200S	.9	6	12	9	1	67	4
L54E 0250S	.8	9	39	17	1	117	4
L54E 0300S	1.6	14	14	14	1	179	4
L54E 0550S	1.5	77	95	15	2	86	35
L54E 0600S	1.6	87	124	16	3	80	19
L54E 0650S	1.3	48	80	11	2	79	9
L54E 0700S	1.7	53	72	15	2	102	8
L54E 0750S	1.1	63	77	11	2	81	23

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ25+26
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L54E 0800S	1.3	56	93	9	1	88	19
L54E 0850S	1.9	50	64	17	1	134	22
L54E 0900S	1.8	126	129	18	5	122	10
L54E 0950S	1.4	88	86	14	2	86	20
L54E 1000S	1.9	58	60	14	3	85	10
L54E 1050S	1.8	60	60	10	2	85	13
L54E 1100S	1.3	92	118	15	3	111	15
L54E 1150S	1.8	23	45	12	1	88	2
L54E 1200S	1.6	122	82	13	1	98	18
L54E 1250S	1.2	28	45	9	1	58	13
L54E 1300S	1.1	71	124	14	2	105	29
L54E 1350S	1.5	60	106	14	1	132	6
L54E 1400S	1.4	43	64	13	1	112	8
L54E 1450S	1.6	74	140	18	3	111	9
L54E 1500S	1.3	79	96	16	3	92	20
L54E 1550S	1.2	52	84	10	3	124	4
L54E 1600S	1.3	74	85	10	3	84	2
L54E 1650S	1.4	86	112	13	5	85	6
L54E 1700S	1.1	50	76	10	4	85	4
L54E 1750S	.9	51	82	12	2	103	20
L54E 1800S	1.1	73	139	10	3	96	3
L54E 1850S	1.2	60	81	9	2	158	5
L54E 1900S	1.4	41	86	20	2	188	10
L54E 1950S	1.5	69	94	14	4	79	7
L54E 2000S	1.1	39	78	15	1	121	1
L54E 2050S	1.1	54	76	8	1	87	12
L54E 2100S	1.5	47	87	18	2	170	16
L54E 2150S	1.2	53	103	13	3	170	12
L54E 2200S	1.3	96	112	17	3	119	7
L54E 2250S	1.4	103	123	13	4	100	6
L54E 2300S	1.4	87	140	19	3	100	19
L54E 2350S	1.4	64	110	19	4	71	30
L54E 2400S	1.3	73	142	13	4	63	18
L54E 2450S	1.0	54	100	11	2	60	6
L54E 2500S	1.1	44	111	8	2	71	14
L54E 2550S	.8	34	57	5	1	38	17
L54E 2600S	1.1	44	100	9	1	64	7
L54E 2650S	1.2	70	134	15	5	69	30
L54E 2700S	1.4	81	97	13	10	80	14
L54E 2750S	1.0	91	126	13	9	68	29
L54E 2800S	1.1	64	132	6	3	65	11
L54E 2850S	1.5	28	133	9	3	46	6
L54E 2900S	1.0	97	148	19	7	83	8
L54E 2950S	1.1	72	116	14	4	83	9
L54E 3000S	1.5	88	116	13	8	66	8
L54E 3050S	1.5	83	110	12	7	55	2
L54E 3100S	1.3	35	86	18	1	71	1
L54E 3150S	1.2	29	58	14	1	66	2

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ27+28
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L54E 3200S	.8	24	37	14	1	64	2
L54E 3250S	1.1	26	50	13	1	83	6
L54E 3300S	1.3	32	44	12	1	109	5
L54E 3350S	1.6	36	77	18	1	125	13
L54E 3400S	1.9	50	67	17	1	98	3
L54E 3450S	1.6	9	16	13	1	107	2
L54E 3500S	1.7	29	55	21	1	224	2
L54E 3550S	2.0	36	49	27	1	242	3
L54E 3600S	1.5	31	38	17	1	158	2
L54E 3650S	1.3	15	11	10	1	80	5
L54E 3700S	1.5	37	64	14	1	153	3
L54E 3750S	.5	109	119	14	1	131	9
L54E 3800S	1.1	32	102	21	1	101	5
L54E 3850S	1.5	39	46	14	1	82	8
L54E 3900S	2.4	29	55	19	1	188	3
L54E 3950S	1.3	34	62	13	1	114	2
L54E 4000S	1.7	43	60	9	1	162	2
L54E 4050S	1.9	36	53	12	1	149	6
L54E 4100S	1.4	10	21	11	1	135	1
L54E 4150S	1.3	20	36	10	1	105	2
L54E 4200S	1.7	42	76	9	1	126	4
L54E 4250S	1.9	45	87	9	1	166	2
L54E 4300S	2.2	41	64	18	1	211	3
L54E 4350S	1.5	12	39	19	1	139	1
L54E 4400S	2.0	37	115	15	1	165	7
L54E 4450S	1.1	12	42	14	1	156	4
L54E 4500S	1.8	26	97	9	1	239	4
L54E 4550S	1.6	20	45	10	1	123	9
L54E 4600S	1.6	13	75	11	1	183	2
L54E 4650S	1.3	23	66	16	1	152	1
L54E 4700S	1.3	29	78	15	1	167	1
L54E 4750S	1.1	32	66	18	1	161	2
L54E 4800S	.9	20	77	21	1	198	1
L54E 4850S	1.2	14	79	21	1	194	3
L54E 4900S	1.3	14	50	9	1	161	1
L54E 4950S	1.4	22	72	10	1	153	1
L54E 5000S	1.6	35	59	13	1	149	1
L54E 5050S	2.6	67	126	9	1	222	2
L54E 5100S	1.8	59	97	9	1	226	1
L54E 5150S	1.2	36	234	16	1	206	3
L54E 5200S	1.3	41	131	21	2	239	5
L54E 5250S	1.1	10	208	13	1	212	2
L54E 5300S	1.5	15	235	11	1	171	3
L54E 5350S	1.8	27	109	17	2	173	2
L54E 5400S	1.6	31	66	20	1	239	4
L54E 5450S	1.2	24	111	21	2	259	6
L54E 5500S	1.4	49	90	18	1	259	5
L54E 5550S	1.9	54	97	17	1	215	1

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ29+30
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L54E 5600S	1.2	59	158	8	1	183	6
L54E 5650S	1.3	157	159	17	8	162	7
L54E 5700S	.6	23	84	17	1	164	9
L54E 5750S	1.9	79	126	6	1	155	6
L54E 5800S	1.3	90	121	15	1	167	8
L54E 5850S	1.8	81	143	8	1	174	5
L54E 5900S	1.4	51	121	21	1	161	6
L57E 0100S	.1	72	28	12	1	41	4
L57E 0200S	.9	9	17	12	1	144	3
L57E 0250S	1.2	35	63	14	1	257	3
L57E 0300S	1.1	14	25	10	1	131	2
L57E 0350S	1.8	33	60	15	1	135	7
L57E 0400S	.9	15	50	16	3	273	4
L57E 0450S	1.3	13	17	14	1	144	6
L57E 0500S	1.1	27	56	16	1	270	4
L57E 0550S	.9	29	108	19	1	129	9
L57E 0600S	.6	10	24	11	1	180	6
L57E 0650S	.4	1	28	17	1	216	3
L57E 0700S	.9	14	32	21	1	268	5
L57E 0750S	1.1	1	31	16	1	225	8
L57E 0800S	1.4	20	51	14	1	308	3
L57E 0850S	1.3	28	65	16	1	106	8
L57E 0900S	1.5	18	53	11	1	550	2
L57E 0950S	1.2	14	12	11	1	112	4
L57E 1000S	.1	11	60	11	1	183	2
L57E 1050S	.2	6	33	9	1	167	3
L57E 1100S	1.0	17	36	10	1	261	13
L57E 1150S	.9	12	30	8	1	100	5
L57E 1200S	1.2	7	14	12	1	56	2
L57E 1250S	1.4	37	64	13	1	136	7
L57E 1300S	1.4	106	128	7	3	108	13
L57E 1350S	1.2	65	82	12	2	98	18
L57E 1400S	1.4	84	110	14	1	92	15
L57E 1450S	1.1	50	94	12	1	131	8
L57E 1500S	1.0	45	57	8	1	78	2
L57E 1550S	1.0	73	85	14	2	123	6
L57E 1600S	.8	50	68	13	1	93	3
L57E 1650S	.8	45	91	15	1	144	34
L57E 1700S	1.1	42	73	11	2	149	9
L57E 1750S	.9	33	59	19	1	108	18
L57E 1800S	1.2	96	117	10	3	111	11
L57E 1850S	1.2	66	103	15	2	192	14
L57E 1900S	1.0	101	121	12	3	112	6
L57E 1950S	1.4	80	97	10	3	95	9
L57E 2000S	1.0	103	191	8	6	71	16
L57E 2050S	.9	69	77	11	1	97	5
L57E 2100S	.8	31	68	11	1	127	13
L57E 2150S	1.5	38	65	12	2	144	6

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0248-SJ31+32
 DATE: 93/06/23
 * SOIL * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	PB PPM	SB PPM	ZN PPM	AU-FIRE PPB
L57E 2200S	1.0	48	84	16	1	127	4
L57E 2250S	1.1	23	57	12	1	128	4
L57E 2300S	1.6	59	103	11	2	111	8
L57E 2350S	1.5	81	89	9	5	87	10
L57E 2400S	1.7	54	82	12	2	124	5
L57E 2450S	1.5	82	148	13	5	68	8
L57E 2500S	1.3	63	77	15	2	85	11
L57E 2550S	1.6	63	96	12	2	104	9
L57E 2600S	1.4	72	126	11	5	73	13
L57E 2650S	1.3	92	146	13	6	68	11
L57E 2700S	1.3	87	137	10	6	64	17
L57E 2750S	1.2	69	142	12	4	115	14
L57E 2800S	1.2	79	129	10	11	72	9
L57E 2850S	1.3	123	160	15	9	48	6
L57E 2900S	1.3	89	152	11	5	78	15
L57E 2950S	1.5	91	126	9	6	72	8
L57E 3000S	1.6	36	43	9	2	50	6
L57E 3050S	2.2	48	61	14	1	115	5
L57E 3100S	1.9	61	72	11	2	122	3
L57E 3150S	2.0	33	37	14	1	250	2
L57E 3200S	1.7	46	59	11	2	86	23
L57E 3250S	2.2	37	36	12	1	151	8
L57E 3300S	1.8	16	18	9	1	60	1
L57E 3350S	2.1	37	52	15	1	134	3
L57E 3400S	1.0	17	34	5	1	44	3
L57E 3450S	1.5	1	18	16	1	137	5
L57E 3500S	1.7	4	16	14	1	73	4
L60E 0000S	.2	19	48	17	1	107	6
L60E 0050S	1.4	24	51	14	1	136	2
L60E 0100S	1.6	35	92	18	1	289	1
L60E 0150S	1.3	20	30	15	1	176	2
L60E 0200S	1.4	41	63	10	1	174	5
L60E 0250S	.9	12	11	11	1	109	2
L60E 0300S	1.4	46	54	22	1	174	2
L60E 0350S	1.1	4	8	11	1	59	1
L60E 0400S	1.1	14	9	13	1	61	4
L60E 0450S	1.1	8	19	15	1	85	2
L60E 0500S	2.3	93	87	21	1	226	7
L60E 0550S	1.0	9	12	8	1	71	5
L60E 0600S	1.7	56	41	17	1	124	2
L60E 0650S	2.0	17	21	18	1	116	6
L60E 0700S	1.2	16	34	11	1	146	5
L60E 0750S	1.7	31	57	17	1	271	6
L60E 0800S	1.6	38	69	20	1	326	7
L60E 0850S	1.5	32	63	19	1	320	4
L60E 0900S	1.8	35	46	15	1	200	4
L60E 0950S	1.3	65	101	18	1	111	6
L60E 1000S	1.6	65	101	19	1	136	7

A P P E N D I X B

R O C K S A M P L E A N A L Y S E S
T R E N C H I N G P R O G R A M



**MINERAL
• ENVIRONMENTS
LABORATORIES**
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

3V-0637-RA3

Company: AVINO MINES

Date: SEP-16-93

Project:


Copy 1. AVINO MINES, GOLDBRIDGE, B.C.

Attn: JIM MILLER-TAIT

We hereby certify the following Assay of 2 ROCK samples submitted SEP-13-93 by J. MILLER-TAIT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton
04832*	6.42	.187
04835	1.53	.045

*POSSIBLE METALLIC AU

Certified by 
MIN-EN LABORATORIES



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VANCOUVER OFFICE:
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NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

3V-0637-RA2

Company: **AVINO MINES**

Project:

Attn: **JIM MILLER-TAIT**

Date: **SEP-16-93**

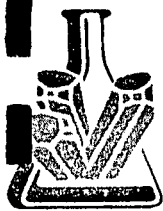
Copy 1. AVINO MINES, GOLDBRIDGE, B.C.

We hereby certify the following Assay of 14 ROCK samples submitted SEP-13-93 by J. MILLER-TAIT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton
04808	1.33	.039
04810	8.27	.241
04811	2.50	.073
04812	1.49	.043
04813	2.69	.078
04814	1.48	.043
04815	1.03	.030
04817	1.12	.033
04820	2.50	.073
04822	2.83	.083
04824	15.72	.459
04825	16.45	.480
04828	1.26	.037
04830	7.35	.214

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SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

3V-0637-RA1

Company: **AVINO MINES**
Project:
Attn: **JIM MILLER-TAIT**

Date: **SEP-16-93**
Copy 1. AVINO MINES, GOLDBRIDGE, B.C.

We hereby certify the following Assay of 7 ROCK samples submitted SEP-13-93 by J. MILLER-TAIT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton
04334	1.61	.047
04336	4.57	.133
04337	17.35	.506
04347	1.99	.058
04802	2.29	.067
04804	1.70	.050
04806	5.04	.147

Certified by _____

MIN-EN. LABORATORIES

COMP: AVINO MINES

PROJ:

ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT

705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2

(604)980-5814 OR (604)988-4524

FILE NO: 3V-0637-RJ1+2+3

DATE: 93/09/16

* ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CU PPM	FE %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-FIRE PPB
04333	.1	.90	2779	567	88	.2	3	.45	.1	13	31	3.97	.27	4	.20	1025	2	.05	17	830	14	3	9	37	98	37.5	48	8	1	4	43	571
04334	.1	.80	5671	211	122	.3	4	.45	.1	17	28	4.46	.37	2	.11	991	2	.04	18	750	6	1	9	37	55	32.8	37	7	1	4	44	1525
04335	.1	1.56	346	162	93	.2	5	3.22	.1	16	15	3.88	.30	16	1.38	956	3	.04	7	620	26	5	39	70	68	101.0	55	22	1	7	44	112
04336	.1	.78	>10000	237	173	.5	4	.66	.1	18	21	4.12	.41	2	.12	1170	1	.02	15	390	18	18	30	35	68	27.1	43	7	1	4	63	4640
04337	22.0	.68	>10000	263	65	.5	6	3.20	.1	16	8	3.47	.33	2	1.30	800	3	.01	2	460	837	27	58	61	63	28.1	547	17	1	5	48	>10000
04338	.3	.30	2368	232	22	.1	3	.76	.1	4	7	1.10	.08	3	.20	330	3	.02	8	60	12	5	4	30	32	15.5	16	7	1	10	191	425
04339	2.2	1.02	124	213	71	.1	5	1.03	.1	6	121	1.06	.11	9	.51	159	2	.21	24	530	23	6	12	45	160	24.0	21	12	1	4	43	39
04340	.1	.32	49	188	24	.3	4	.27	.1	8	28	1.17	.11	5	.44	182	4	.01	34	170	13	2	4	41	255	21.1	36	10	1	8	149	8
04341	.1	2.15	175	92	107	.3	5	.34	.1	15	32	4.14	.17	20	1.99	971	4	.06	13	660	31	5	13	90	87	83.8	73	27	1	7	26	50
04342	.1	2.11	21	132	145	.4	7	.32	.1	15	37	4.14	.19	21	2.07	936	5	.07	30	630	25	5	15	92	95	89.6	70	25	1	7	41	15
04343	.1	.49	34	203	133	.1	3	1.32	.1	4	4	1.37	.24	3	.07	535	1	.06	1	540	4	2	17	35	45	12.2	35	7	1	3	38	8
04344	.1	.84	25	526	54	.5	8	6.63	.1	19	30	5.37	.08	4	3.03	1645	3	.02	65	1250	26	1	140	85	97	66.2	46	31	1	8	75	6
04345	.1	1.16	116	650	69	.7	8	5.86	.1	25	56	5.66	.18	5	1.17	1324	3	.02	81	2010	17	1	115	77	238	82.8	63	24	1	8	82	11
04346	.1	3.48	82	1	76	.4	17	1.54	.1	31	50	5.64	.55	35	4.36	778	4	.08	128	2200	31	12	39	129	2351	120.7	69	31	1	15	178	27
04347	.1	.47	5424	83	15	.3	3	.34	.1	7	13	1.56	.08	6	.51	175	2	.02	23	270	11	22	8	40	77	18.4	16	10	1	7	101	2100
04348	.2	2.67	162	1	86	.2	19	1.33	.1	28	51	5.02	.40	49	3.19	707	4	.13	112	2370	21	5	39	113	2922	129.4	57	28	1	14	175	32
04349	.9	.52	918	29	12	.1	5	4.24	.1	6	15	.83	.09	5	.47	476	2	.08	7	790	13	10	50	24	127	25.0	13	14	1	4	41	158
04350	.1	2.40	3	529	148	.7	10	5.94	.1	25	22	4.95	.52	15	1.79	1380	6	.03	83	2820	30	7	79	88	580	112.8	62	31	1	11	109	4
04801	.8	3.36	94	1	201	.1	29	1.91	.1	36	43	6.93	.76	35	3.21	889	3	.08	64	3470	20	4	35	104	5404	185.7	76	28	1	14	116	228
04802	.1	.60	3818	109	109	.3	5	.55	.1	12	40	2.56	.22	5	.41	400	3	.03	20	910	10	16	13	53	260	54.0	21	10	1	7	92	2290
04803	.1	1.74	129	23	81	.2	8	.81	.1	13	16	3.12	.24	16	1.48	464	4	.09	1	950	23	7	19	85	750	119.1	30	23	1	6	12	79
04804	.3	.42	2990	95	40	.2	3	.23	.1	5	9	1.32	.07	6	.41	235	3	.01	12	430	10	14	6	39	85	25.3	14	10	1	7	108	2080
04805	.1	1.14	519	20	57	.3	4	.31	.1	10	9	2.98	.17	12	.54	766	2	.04	2	570	11	3	8	59	27	57.4	34	15	1	4	23	81
04806	1.1	.41	3638	20	70	.3	3	.36	.1	8	9	2.68	.19	1	.05	393	1	.02	1	400	9	7	11	36	26	9.5	20	5	1	5	87	5500
04807	.1	1.10	612	52	67	.2	3	.47	.1	9	7	3.02	.24	9	.46	744	1	.05	1	550	11	1	7	45	32	44.0	31	11	1	5	51	344
04808	.1	.45	2474	92	65	.3	3	.35	.1	6	7	1.97	.20	2	.08	844	2	.02	5	320	9	3	9	21	28	10.7	16	4	1	8	166	1400
04809	.1	.78	1098	106	60	.2	3	.44	.1	9	6	2.77	.24	6	.26	673	1	.05	1	580	9	1	5	36	30	29.2	29	8	1	4	47	179
04810	.2	.26	4491	124	22	.2	3	.90	.1	4	5	1.45	.10	1	.19	414	4	.03	4	120	9	12	16	34	17	8.1	68	7	1	14	293	8300
04811	.9	.10	2740	81	13	.1	2	1.89	.1	2	6	.72	.05	1	.06	184	3	.01	2	20	8	7	83	20	7	3.9	8	4	1	9	197	2400
04812	.1	.51	3395	114	57	.4	3	3.42	.1	8	5	2.37	.28	1	.90	653	3	.04	1	600	20	7	103	40	27	12.8	31	14	1	7	114	1400
04813	.6	.30	7417	95	35	.2	5	4.03	.1	6	4	1.79	.17	1	.54	616	2	.02	1	580	16	22	97	29	15	8.2	14	12	1	19	91	2650
04814	.8	.13	2345	62	19	.1	4	2.93	.1	3	4	.80	.07	1	.13	299	3	.01	7	70	9	15	139	16	9	4.7	9	6	1	78	220	1355
04815	.1	.39	4335	87	40	.3	3	3.68	.1	8	3	2.37	.21	1	.94	717	2	.03	1	490	17	11	72	37	18	11.2	24	15	1	7	81	923
04816	.1	.68	3464	114	83	.2	4	1.36	.1	10	6	2.78	.31	3	.47	678	2	.06	1	630	9	3	25	49	39	18.2	29	10	1	8	114	632
04817	.1	.49	4066	113	81	.3	3	.97	.1	8	5	2.24	.26	1	.26	553	2	.04	1	600	10	5	24	43	27	10.6	22	8	1	5	73	1100
04818	.1	1.20	356	91	60	.4	4	.41	.1	11	6	3.15	.21	11	.54	815	3	.06	10	610	12	1	8	53	32	55.9	35	13	1	7	86	70
04819	.1	.63	1964	129	46	.4	4	3.08	.1	10	5	2.92	.23	4	.96	746	2	.06	1	580	17	4	44	52	34	28.7	29	15	1	7	85	365
04820	.1	.62	4040	186	114	.3	4	.54	.1	11	16	3.98	.28	2	.08	818	3	.02	8	360	4	7	13	36	36	31.9	84	5	1	13	267	2420
04821	.1	.79	199	81	54	.2	3	1.03	.1	10	7	3.03	.17	7	.51	816	2	.05	1	600	10	1	12	56	30	54.5	34	12	1	6	76	34
04822	.1	.66	2669	109	96	.4	4	.44	.1	9	14	2.94	.29	2	.07	645	2	.04	3	620	6	2	11	32	39	27.1	24	6	1	10	190	2900
04823	.1	1.07	1064	87	67	.3	4	.43	.1	12	19	3.84	.18	8	.41	1097	2	.03	33	600	7	1	7	56	87	65.9	39	12	1	7	86	129
04824	.1	1.23	1595	79	74	.3	4	.45	.1	11	13	3.12	.20	12	.60	613	3	.08	4	610	12	5	11	56	86	56.8	31	13	1	9	137	>10000
04825																																



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FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

3V-0511-RA1

Company: **AVINO MINES**
Project: **BRALORNE**
Attn: **JIM MILLER-TAIT**

Date: **AUG-24-93**
Copy 1. **AVINO MINES, GOLDBRIDGE, B.C.**

We hereby certify the following Assay of 18 ROCK samples submitted AUG-18-93 by J.M.T..

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton
49851	7.53	.220
49852	5.00	.146
49853	4.76	.139
49854	1.38	.040
49855	2.09	.061
49856	6.14	.179
49857	1.62	.047
49858	1.13	.033
49861	12.89	.376
49862	10.89	.318
49863	8.44	.246
49864	3.08	.090
49867	3.00	.088
49868	1.70	.050
49869	2.10	.061
49870	3.40	.099
49871	4.95	.144
49872	6.71	.196

Certified by _____

MIN-EN LABORATORIES

COMP: AVINO MINES
 PROJ: BRALORNE
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0511-RJ1
 DATE: 93/08/24
 * ROCK * (ACT:F31)

T#

1

2

4

3

SAMPLE NUMBER	AG PPM	AL %	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CU PPM	FE %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-FIRE PPB
49851	.4	1.58	>10000	16	46	.8	10	2.28	.1	35	76	7.54	.38	21	1.30	1220	3	.04	79	2520	20	73	140	81	364	79.9	91	25	1	8	81	7360
49852	2.7	.62	>10000	1	19	.5	6	.61	.1	16	64	3.84	.10	9	.65	646	4	.03	35	1540	17	46	57	66	100	43.8	55	15	1	9	144	4450
49853	1.0	.73	>10000	1	22	.5	6	.66	.1	16	49	3.71	.12	10	.70	740	4	.04	41	1460	15	40	54	68	216	46.7	52	17	1	11	205	3840
49854	.6	.40	4535	1	11	.3	4	.59	.1	7	19	2.31	.05	4	.36	375	4	.08	7	1200	11	24	27	46	35	14.0	27	10	1	8	163	1460
49855	1.1	.45	4974	1	11	.2	4	.62	.1	8	27	2.32	.06	5	.43	383	3	.08	15	1120	13	23	39	51	61	17.2	34	12	1	10	190	1930
49856	.9	1.35	>10000	1	42	.6	9	.77	.1	20	74	4.50	.38	19	1.36	761	5	.02	39	1250	21	35	76	85	548	56.7	60	21	1	12	177	5500
49857	.1	3.22	2874	1	78	.1	27	1.23	.1	41	134	8.35	.67	36	2.52	1068	5	.05	60	3070	26	11	58	114	3910	154.6	101	32	1	14	106	1600
49858	1.2	.45	2468	1	17	.1	10	>15.00	.1	8	15	1.96	.12	5	.49	1607	3	.01	17	710	24	18	467	1	265	28.1	21	24	1	6	83	1140
49859	1.9	.58	2075	1	20	.1	12	>15.00	.1	10	20	2.42	.20	6	.65	1246	3	.02	15	690	23	19	1	1	471	39.3	27	27	1	5	43	850
49860	.8	4.08	57	1	90	.1	51	2.06	.1	40	136	11.03	1.20	54	2.80	1190	1	.02	24	3120	10	1	37	77	8843	169.4	94	30	1	15	87	34
49861	.1	1.27	>10000	62	257	.7	8	.93	.1	42	75	8.01	.51	10	.73	1238	3	.03	73	2700	12	35	64	92	451	59.3	91	20	1	6	52	>10000
49862	.1	.95	>10000	56	96	.5	9	3.12	.1	39	91	7.29	.44	7	1.91	1120	1	.02	104	2910	16	46	167	89	261	37.7	97	26	1	6	46	>10000
49863	.1	.41	>10000	22	44	.3	6	2.67	.1	14	8	3.40	.23	3	.86	674	3	.04	27	2410	18	98	117	61	84	24.4	32	17	1	8	141	8170
49864	.6	.28	7056	9	44	.2	5	3.73	.1	8	19	1.93	.17	2	.34	942	4	.02	18	1400	15	36	158	23	68	18.5	22	14	1	8	139	2690
49865	2.9	1.71	222	1	41	.1	44	2.66	.1	40	487	6.59	.13	10	1.11	706	1	.06	37	2750	6	1	104	46	7435	82.1	61	18	1	12	126	131
49866	.1	3.17	816	1	48	.6	16	.65	.1	45	71	8.50	.34	32	2.87	1329	4	.05	86	3440	33	11	36	138	1446	157.7	107	36	1	14	134	335
49867	.1	.91	6861	6	56	.4	7	1.03	.1	21	57	4.34	.26	8	.60	1137	4	.04	58	2280	15	23	72	72	373	51.7	55	18	1	13	229	2800
49868	.5	.35	5120	9	23	.3	4	2.42	.1	7	9	1.63	.17	3	.27	515	4	.02	15	1040	10	25	135	24	83	23.0	25	11	1	10	195	1760
49869	.1	.41	6148	7	29	.3	4	2.13	.1	8	12	1.75	.19	4	.23	788	4	.02	33	1310	12	26	114	23	97	23.4	33	10	1	12	242	1930
49870	1.0	1.28	8448	13	56	.5	10	2.89	.1	35	140	7.42	.42	12	.85	1000	4	.03	56	2590	13	36	131	80	433	62.1	76	21	1	8	82	3100
49871	.1	1.25	>10000	92	96	1.3	9	1.97	.1	33	142	8.15	.62	9	.50	1303	1	.04	46	2690	8	50	90	70	329	57.6	72	17	1	7	79	4710
49872	.1	1.09	>10000	75	73	.8	8	.95	.1	41	90	7.91	.47	9	.46	1159	1	.02	58	3730	10	48	83	92	285	53.5	94	17	1	5	50	6300



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SMITHERS LAB.:
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SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

3V-0539-RA1

Company: **AVINO MINES**

Date: **AUG-26-93**

Project:

copy 1. AVINO MINES, GOLDBRIDGE, B.C.

Attn: **JIM MILLER-TAIT**

We hereby certify the following Assay of 3 ROCK samples submitted AUG-25-93 by JIM MILLER-TAIT.

Sample Number	AU g/tonne	AU oz/ton
49848	6.54	.191
49849	3.79	.111
49850	1.65	.048

Certified by _____

MIN-EN LABORATORIES



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TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3178 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

3V-0544-RA1

Company: **AVINO MINES**
Project:
Attn: **JIM MILLER-TAIT**

Date: **SEP-01-93**
Copy 1. AVINO MINES, GOLDBRIGE, B.C.

We hereby certify the following Assay of 15 ROCK samples submitted AUG-25-93 by J. MILLER-TAIT.

Sample Number	AU-FIRE g/tonne	AU-FIRE oz/ton
04301	2.79	.081
04304	1.48	.043
04305	1.83	.053
04306	2.05	.060
04307	1.99	.058
04308	5.02	.146
04309	1.37	.040
04310	7.10	.207
49802	2.69	.078
49806	2.28	.067
49807	2.47	.072
49808	2.50	.073
49809	5.01	.146
49810	3.08	.090
49811	10.90	.318

Certified by _____

MIN-EN LABORATORIES



**MINERAL
• ENVIRONMENTS
LABORATORIES**
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9621

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

3V-0544-RA2

Company: **AVINO MINES**
Project:
Attn: **JIM MILLER-TAIT**

Date: **SEP-01-93**
copy 1. AVINO MINES, GOLDBRIGE, B.C.

We hereby certify the following Assay of 4 ROCK samples
submitted AUG-25-93 by J. MILLER-TAIT.

Sample Number	AU-FIRE g / tonne	AU-FIRE oz / ton
49824	1.54	.045
49829	2.31	.067
49831	2.20	.064
49832	2.87	.084

Certified by _____

MIN-EN LABORATORIES



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Assay Certificate

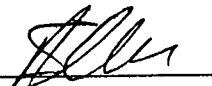
3V-0544-RA3

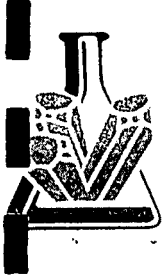
Company: **AVINO MINES**
Project:
Attn: **JIM MILLER-TAIT**

Date: **SEP-01-93**
Copy 1. AVINO MINES, GOLDBRIGE, B.C.

We hereby certify the following Assay of 11 ROCK samples submitted AUG-25-93 by J. MILLER-TAIT.

Sample Number	AU-FIRE g / tonne	AU-FIRE oz / ton
49840	2.70	.079
49841	1.58	.046
49844	3.53	.103
49845	3.06	.089
49846	4.14	.121
49877	1.52	.044
49878	1.80	.053
49880	5.73	.167
49881	1.31	.038
49883	2.78	.081
49884	1.53	.045

Certified by 
MIN-EN LABORATORIES



**MINERAL
• ENVIRONMENTS
LABORATORIES**
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VANCOUVER OFFICE:
705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9821

SMITHERS LAB.:
3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

3V-0544-RA4

Company: AVINO MINES
Project:
Attn: JIM MILLER-TAIT

Date: SEP-01-93
Copy 1. AVINO MINES, GOLDBRIGE, B.C.

We hereby certify the following Assay of 2 ROCK samples submitted AUG-25-93 by J. MILLER-TAIT.

Sample Number	AU-FIRE g / tonne	AU-FIRE oz / ton
49889	1.79	.052
49894	2.23	.065

Certified by _____

MIN-EN LABORATORIES

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0544-RJ1+2
 DATE: 93/09/01
 * ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CU PPM	FE %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-FIRE PPB
TR1 04301	.1	.74	6098	86	204	.7	7	3.37	.1	35	67	6.83	.30	8	1.00	1531	1	.01	102	1850	31	3	77	79	60	45.8	99	19	1	7	80	2600
04302	.1	1.41	698	36	88	.6	6	2.41	.1	28	29	6.08	.24	21	1.52	1140	3	.01	108	1900	56	2	69	96	49	66.4	615	24	1	10	139	205
04303	.1	.50	2755	64	98	.3	4	.49	.1	16	34	3.60	.29	1	.07	811	2	.01	34	990	11	6	20	43	24	17.2	65	6	1	11	215	946
04304	.7	.38	2557	49	74	.2	2	.31	.1	6	17	2.15	.21	1	.04	544	1	.01	14	470	15	9	22	34	22	10.5	188	6	1	11	233	1485
04305	.5	.29	2494	42	71	.1	4	.31	.1	7	17	2.04	.18	1	.03	466	4	.01	19	340	15	10	13	35	17	8.8	85	6	1	18	368	1380
16 04306	.1	.29	4848	53	75	.1	2	.33	.1	6	10	2.11	.17	1	.03	374	1	.01	4	320	12	11	40	34	13	8.5	27	4	1	10	212	2020
04307	.1	.51	3723	48	120	.2	4	.50	.1	18	32	3.51	.22	2	.15	852	3	.01	49	740	6	11	23	49	133	18.4	55	9	1	13	250	1930
04308	.1	.56	5794	78	146	.1	4	.49	.1	12	23	3.61	.27	2	.10	692	1	.01	22	810	13	9	39	49	68	15.9	50	7	1	12	229	4850
04309	.4	.35	2045	49	65	.1	3	.49	.1	13	23	2.45	.20	1	.07	585	4	.01	41	550	4	7	14	36	30	12.2	43	6	1	14	298	1275
04310	.1	.37	6965	60	149	.1	4	.61	.1	13	21	4.01	.21	1	.06	813	2	.01	23	1120	8	8	39	49	24	11.2	50	7	1	9	167	7650
8 04311	.1	3.57	583	1	151	.1	31	2.59	.1	41	44	8.28	.96	24	2.92	1175	4	.06	66	3140	33	7	88	105	4946	168.7	104	32	1	14	109	629
49801	.1	.65	842	12	61	.3	5	.80	.1	14	82	2.34	.17	6	.75	652	10	.02	117	300	19	12	45	80	85	30.2	54	16	1	12	213	510
49802	.1	.73	2416	39	142	.6	6	.37	.1	23	87	3.94	.29	5	4.40	1064	8	.01	238	580	15	14	16	71	135	36.7	78	15	1	12	18	2650
49803	.1	1.56	1186	1	118	.8	8	.35	.1	29	87	4.35	.28	14	1.69	1184	13	.01	405	780	34	23	15	115	204	59.9	116	29	1	12	301	767
49804	.3	1.23	154	1	172	.3	8	.32	.1	13	90	2.19	.10	12	1.63	344	7	.01	93	320	31	11	9	105	225	62.1	75	25	1	14	211	122
10 49805	.7	3.38	112	1	46	.1	32	2.62	.1	35	66	7.11	.17	32	3.65	895	3	.02	87	2170	29	8	42	93	5139	130.9	85	31	1	17	192	120
49806	.8	1.76	405	1	81	.4	11	5.37	.1	16	27	3.49	.46	14	1.54	938	4	.01	52	1690	27	11	350	63	827	58.7	44	26	1	10	114	2290
49807	.1	3.15	1842	1	169	.8	15	3.54	.1	30	46	6.18	.95	24	2.78	1055	5	.01	102	3060	40	13	125	103	1320	97.8	71	32	1	11	104	2560
49808	.8	.53	335	1	35	.2	4	1.90	.1	6	11	1.20	.17	5	.48	334	3	.01	21	510	10	4	74	40	154	17.9	16	11	1	10	182	2125
49809	.7	1.70	1498	1	104	.6	9	3.58	.1	16	21	3.19	.50	15	1.66	799	4	.01	54	1510	28	12	120	72	519	53.4	38	26	1	11	154	4500
11 49810	.1	2.33	454	1	114	.5	11	3.00	.1	28	54	5.34	.34	16	1.98	1267	4	.03	117	3580	30	9	142	98	764	103.0	64	30	1	15	199	2870
49811	.1	1.79	395	1	89	.6	8	.48	.1	17	29	3.54	.34	18	1.81	707	6	.01	67	1480	28	9	20	104	471	53.6	39	26	1	14	186	9950
49812	.1	1.48	118	484	242	.6	7	5.18	.1	21	37	5.06	.45	25	.37	1075	1	.01	42	2890	18	10	195	51	99	73.2	53	17	1	6	77	308
49813	.1	1.65	151	350	111	.8	6	2.95	.1	33	55	6.56	.46	20	.36	1245	2	.01	93	3210	19	7	57	87	85	105.0	75	19	1	8	91	53
49814	.1	1.29	148	250	93	.6	5	2.60	.1	30	49	5.78	.35	30	.28	1136	1	.01	88	2960	8	5	36	72	52	82.8	69	13	1	6	76	39
12 49815	.1	1.96	265	521	109	.7	6	2.85	.1	31	62	6.14	.58	57	.23	1102	3	.02	84	3370	13	14	28	66	70	93.4	78	12	1	9	116	28
49816	.1	2.42	99	482	121	.9	7	1.34	.1	34	59	6.37	.61	41	.99	986	4	.02	126	3420	23	13	46	114	356	108.1	77	23	1	10	118	20
49817	.1	.64	666	191	78	.3	4	1.86	.1	15	25	3.38	.19	19	.24	820	3	.01	51	930	4	3	23	51	58	33.9	35	10	1	10	179	455
49818	.1	2.07	103	274	118	.6	8	.83	.1	38	88	6.68	.25	46	1.02	1315	4	.03	146	1870	19	9	39	106	477	86.2	68	22	1	11	154	40
49819	.1	2.17	97	259	138	.6	10	.91	.1	36	72	6.53	.28	45	1.19	1098	4	.05	146	2090	23	11	46	115	629	90.0	69	24	1	12	158	23
12A 49820	.1	.97	62	218	70	.5	11	7.07	.1	21	44	5.37	.17	16	3.99	1308	4	.02	70	880	31	8	162	88	369	50.2	48	36	1	10	107	17
49821	2.2	2.19	1	1	23	.1	30	2.45	.1	25	30	4.12	.18	13	1.53	471	3	.06	81	1810	19	2	70	55	5260	68.2	36	20	1	14	167	11
49822	.1	2.20	1	171	54	.2	18	1.69	.1	36	102	6.45	.10	12	1.40	1311	4	.03	142	1740	20	1	71	101	2291	91.4	53	25	1	13	169	9
49823	.1	1.27	118	327	150	.6	9	4.99	.1	26	54	5.14	.51	20	.56	955	2	.02	93	2610	20	12	143	79	212	70.9	57	20	1	7	85	25
49824	.1	1.06	3110	202	119	.5	6	3.12	.1	29	51	5.99	.30	33	.43	1032	1	.02	103	2090	15	8	49	80	75	66.8	70	17	1	9	128	1675
13 49825	.3	.23	1616	76	47	.1	3	1.37	.1	6	14	1.68	.10	11	.09	397	3	.01	21	600	6	6	15	41	25	12.4	18	8	1	11	218	985
49826	.1	2.48	132	86	193	.3	12	3.65	.1	33	44	8.67	.30	54	2.51	1446	3	.01	105	2020	24	6	77	130	199	105.4	96	33	1	13	149	231
49827	.1	1.02	123	202	84	.4	8	6.75	.1	21	35	4.52	.31	30	.68	1154	3	.02	67	2070	18	8	236	51	84	62.0	49	24	1	7	85	29
49828	.1	.90	165	192	71	.4	8	5.13	.1	21	44	4.60	.23	31	.52	925	2	.02	78	2020	19	5	240	60	69	69.6	55	19	1	8	98	20
49829	.1	.90	1658	139	94	.3	7	2.92	.1	21	55	4.46	.31	20	.33	960	5	.03	74	1830	10	4	40	50	362	51.6	52	14	1	15	279	2800
14 49830	.1	1.13	299	196	87	.5	7	2.90	.1	29	61	5.51	.32	20	.73	1016	2	.02	113	2380	14	7	42	86	80	62.7	64	19	1	8	103	246
49831	.1	.89	2977	191	225	.6	7	2.41	.1	32	39	5.11	.36	15	.84	1344	2	.01	143	2250	27	5	179	76	122	53.7	60	20	1	9	134	2010
49832	.1	1.00	2683	231	190	.4	6	3.19	.1	22	44	4.70	.42	33	.34	1144	2	.01	65	1540	17	9	163	56	46	48.1	63	15	1	6	84	2430
49833	.1	1.08	727	264	186	.5	7	3.76	.1	20	119	4.52	.32	51	.65	1144	2	.01	48	1490	17	27	162	64	26	73.8	73	18	1	6	59	397
49834	.1	.99	452	366	131	.6	7	3.92	.1	28	83	5.63	.36	30	.35	1313	1	.01	75	2370	12	15	99	58	33	78.2	63	15	1	6	60	98
15 49835	.1	1.09	281	344	114	.3	6	3.44	.1	21	74	5.21	.35	42	.23	1233	1	.01	45	1640	12	21	71	55	37	72.7	61	14	1	5	62	51
49836	.1	2.39	67	153	140	1.0	9	.87	.1	34	47	6.82	.36	14	.61	1107	3	.01	78	3370	19	4	64	118	454	176.8	88	22	1	10	108	11
49837	.1	2.07	47	296	202	1.0	8	.78	.1	34	41	7.57	.52	39	.53	1463																

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0544-RJ3+4
 DATE: 93/09/01
 * ROCK * (ACT:F31)

SAMPLE NUMBER	AG PPM	AL %	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CU PPM	FE %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-FIRE PPB
49838	.1	1.19	89	111	132	.5	6	.63	.1	21	19	5.08	.35	14	.26	1205	1	.02	23	1780	5	3	28	68	159	79.0	68	12	1	5	44	6
49839	.1	2.02	1067	44	123	.6	9	3.88	.1	31	35	6.47	.38	31	1.60	1364	2	.02	72	3600	27	10	85	106	152	87.7	78	26	1	8	68	111
49840	.1	.84	4289	102	254	.3	5	1.36	.1	24	31	5.32	.39	3	.17	1337	2	.01	42	2730	2	4	111	63	123	34.5	59	11	1	8	125	3060
49841	.1	1.29	3874	135	302	.5	7	.84	.1	26	42	6.04	.52	6	.32	1495	1	.02	53	2700	11	7	114	84	320	51.0	75	14	1	9	141	1540
49842	.1	.85	3420	103	164	.4	6	1.30	.1	27	35	5.78	.40	6	.29	1391	3	.01	65	2920	9	7	63	84	77	33.9	73	14	1	10	153	667
49843	.1	.73	1114	98	101	.2	4	1.55	.1	15	19	3.65	.34	4	.15	974	1	.01	36	3760	5	7	83	58	77	29.4	40	10	1	9	165	287
49844	.1	.46	7966	71	107	.1	5	.84	.1	17	31	3.98	.24	2	.17	766	2	.01	44	860	11	18	45	58	42	17.0	51	9	1	9	185	3220
49845	.1	.69	5635	112	164	.3	5	.55	.1	23	30	5.01	.33	3	.10	1024	1	.01	65	960	18	14	50	64	49	27.8	76	10	1	9	178	3200
49846	.1	.36	6681	59	138	.2	3	.45	.1	12	19	3.39	.20	1	.06	652	4	.01	17	460	8	12	29	44	30	11.9	32	7	1	11	203	440
49847	.1	2.38	1027	23	129	.7	9	2.71	.1	25	51	5.22	.37	31	2.79	1231	5	.01	77	2140	34	22	60	116	124	77.7	63	31	1	10	114	526
49873	.3	2.41	349	1	25	.1	18	5.99	.1	33	43	6.43	.15	14	1.94	898	3	.03	87	2520	27	10	265	86	1888	127.1	97	35	1	16	116	175
49874	.8	.18	1634	7	21	.1	4	.81	.1	3	6	.82	.07	2	.11	196	4	.01	7	320	5	7	41	36	71	8.3	8	7	1	9	195	974
49875	.6	.21	1097	9	28	.1	3	.35	.1	3	7	.87	.08	2	.12	172	1	.01	8	340	5	6	15	31	138	9.8	7	7	1	11	216	711
49876	.9	2.41	221	1	67	.1	27	4.03	.1	32	42	5.97	.44	20	2.00	797	3	.04	56	3120	24	6	134	87	3992	152.3	57	28	1	13	121	65
49877	.3	.61	2094	52	102	.4	5	.82	.1	17	45	3.07	.27	4	.31	653	5	.02	41	1520	8	4	33	68	209	28.8	30	12	1	13	226	1480
49878	.4	.55	3190	51	88	.2	6	.72	.1	13	45	2.72	.27	3	.22	848	1	.01	37	1930	23	11	34	60	152	20.8	39	11	1	11	208	2200
49879	.1	2.57	1694	1	164	.6	18	1.36	.1	33	76	6.33	.73	17	2.09	1226	3	.03	77	4220	30	10	66	133	2047	102.8	70	29	1	10	97	905
49880	.1	1.31	5118	86	189	.8	9	.93	.1	28	81	5.58	.54	7	.59	981	2	.02	49	3390	15	9	59	99	476	61.7	92	17	1	9	131	5860
49881	.3	.47	2171	32	49	.2	5	.77	.1	10	18	1.87	.17	4	.37	369	2	.01	25	810	11	9	30	57	86	16.0	37	12	1	10	186	1320
49882	.8	3.23	1010	1	169	.4	26	3.90	.1	33	44	6.59	.94	26	2.73	1018	3	.03	87	3990	31	14	159	115	3746	138.7	84	34	1	13	124	778
49883	.1	1.11	5117	93	208	.8	9	.77	.1	38	88	6.22	.53	6	.43	1460	2	.02	94	2410	11	7	48	93	342	53.0	71	17	1	10	143	2500
49884	.6	.34	3933	31	52	.3	4	1.29	.1	10	14	1.98	.19	3	.47	454	2	.01	28	850	11	14	53	61	90	13.3	46	13	1	10	194	1600
49885	.1	3.44	1739	1	45	.9	12	3.65	.1	28	15	5.59	.32	33	3.85	1156	6	.02	99	3070	42	24	191	123	386	124.0	76	38	1	14	158	570
49886	.8	.42	1892	47	21	.3	4	1.21	.1	5	6	1.20	.12	4	.45	331	5	.01	17	800	13	13	46	54	99	16.4	16	13	1	10	180	713
49887	.1	3.16	196	1	46	.5	11	3.05	.1	29	27	5.55	.28	31	3.32	915	5	.02	118	2350	34	10	109	115	674	84.0	62	32	1	12	130	98
49888	.1	2.65	244	1	67	.6	12	3.35	.1	28	48	5.13	.41	24	2.92	1115	6	.03	78	3070	33	10	138	102	984	130.8	61	32	1	12	127	104
49889	.1	1.19	1976	1	95	.4	8	3.63	.1	13	19	2.80	.27	11	1.27	1057	4	.01	46	1240	25	9	210	57	581	44.3	33	23	1	11	181	1760
49890	.1	3.43	143	1	204	.4	21	1.65	.1	31	23	6.28	1.05	35	3.09	951	4	.03	121	3110	35	10	63	124	2913	92.6	71	31	1	13	137	112
49891	.1	2.70	334	1	141	.9	11	3.56	.1	31	54	5.97	.63	21	2.62	1308	3	.02	117	4060	32	11	92	110	658	58.0	67	31	1	9	84	60
49892	.1	.36	1493	14	43	.2	3	.66	.1	8	23	1.81	.14	3	.26	733	1	.01	30	770	6	7	19	37	63	9.3	15	9	1	7	146	577
49893	.1	2.20	2021	1	77	.7	9	1.79	.1	32	53	6.04	.39	19	2.47	1577	4	.01	116	2330	32	13	68	119	347	46.3	76	30	1	9	89	850
49894	.2	.20	3956	24	38	.2	3	.92	.1	9	14	1.78	.12	2	.37	446	3	.01	26	620	9	12	41	48	46	8.5	20	10	1	9	161	1870
49895	.1	1.92	774	1	96	.8	12	5.35	.1	26	55	4.95	.51	18	2.69	1111	4	.01	76	3860	29	11	243	92	730	68.1	54	31	1	8	71	155
49896	.1	1.20	500	9	85	.7	7	.37	.1	22	97	4.14	.22	12	.90	897	9	.01	225	780	18	10	11	84	161	70.2	67	21	1	14	237	85
49897	.2	.42	66	1	112	.1	4	.22	.1	3	10	.91	.20	3	.09	317	2	.04	20	400	9	4	6	37	46	8.1	18	8	1	6	104	16
49898	.6	.73	22	1	128	.2	4	.91	.1	6	26	1.32	.20	7	.41	359	2	.03	13	520	13	6	19	54	41	17.9	39	13	1	5	68	7
49899	.1	2.15	231	1	76	.7	8	.33	.1	23	68	3.99	.19	26	2.69	907	11	.01	289	900	36	20	16	120	235	86.3	112	31	1	21	354	42
49900	.5	1.17	12	1	129	.1	6	1.30	.1	6	50	1.80	.24	8	.58	448	3	.11	4	610	16	7	42	57	325	24.1	34	16	1	5	61	12



**MINERAL
• ENVIRONMENTS
LABORATORIES**
(DIVISION OF ASSAYERS CORP.)

SPECIALISTS IN MINERAL ENVIRONMENTS
CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

VANCOUVER OFFICE:

705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
FAX (604) 980-9821

SMITHERS LAB.:

3176 TATLOW ROAD
SMITHERS, B.C. CANADA V0J 2N0
TELEPHONE (604) 847-3004
FAX (604) 847-3005

Assay Certificate

3V-0606-RA1

Company: AVINO MINES

Date: SEP-09-93

Project:

copy 1. AVINO MINES, GOLDBRIDGE, B.C.

Attn: JIM MILLER-TAIT

We hereby certify the following Assay of 22 ROCK samples
submitted SEP-03-93 by JIM MILLER.

Sample Number	AU g/tonne	AU oz/ton
04314	1.41	.041
04315	2.75	.080
04318	5.12	.149
04319	2.80	.082
04323	2.57	.075
04325	3.43	.100
04326	1.56	.046

Certified by _____

MIN-EN LABORATORIES

COMP: AVINO MINES
 PROJ:
 ATTN: JIM MILLER-TAIT

MIN-EN LABS — ICP REPORT
 705 WEST 15TH ST., NORTH VANCOUVER, B.C. V7M 1T2
 (604)980-5814 OR (604)988-4524

FILE NO: 3V-0606-RJ1
 DATE: 93/09/09
 * ROCK * (ACT:F31)

TR#	SAMPLE NUMBER	AG PPM	AL %	AS PPM	B PPM	BA PPM	BE PPM	BI PPM	CA %	CD PPM	CO PPM	CU PPM	FE %	K %	LI PPM	MG %	MN PPM	MO PPM	NA %	NI PPM	P PPM	PB PPM	SB PPM	SR PPM	TH PPM	TI PPM	V PPM	ZN PPM	GA PPM	SN PPM	W PPM	CR PPM	AU-FIRE PPB
16	04312	.1	1.15	335	46	113	.1	4	.56	.1	16	33	4.27	.29	15	.41	887	2	.04	1	820	18	5	21	49	67	94.8	92	10	1	4	38	83
	04313	.1	1.16	2704	132	180	.1	6	.68	.1	48	98	8.41	.59	3	.25	1513	3	.01	182	2120	7	18	67	76	232	64.7	109	11	1	7	83	179
	04314	.1	.55	3227	51	116	.1	4	.58	.1	20	36	3.66	.26	2	.16	919	2	.01	65	1040	9	7	35	42	201	26.3	46	8	1	10	199	1175
	04315	1.8	.68	6053	69	174	.1	5	.77	.1	26	45	5.01	.36	3	.14	1107	1	.01	95	1160	9	9	48	52	184	29.3	55	8	1	10	183	2900
	04316	.1	1.46	1628	74	116	.1	7	1.36	.1	47	79	7.44	.42	16	.92	1220	2	.01	188	2070	14	9	42	95	171	61.6	113	18	1	8	87	162
17	04317	.1	1.45	1951	65	102	.1	7	1.77	.1	34	41	7.04	.34	20	.74	1013	2	.01	68	3160	14	11	41	87	149	63.1	110	17	1	6	50	149
	04318	.1	.23	5621	11	98	.1	4	.39	.1	8	13	2.44	.12	1	.06	267	1	.01	6	340	11	13	36	31	43	8.4	33	4	1	7	122	4800
	04319	.1	.32	3747	22	87	.1	3	.38	.1	7	14	2.12	.14	2	.11	339	2	.01	9	370	21	10	33	25	65	11.9	43	5	1	6	118	2200
	04320	.1	2.73	357	1	42	.2	9	1.24	.1	30	55	6.42	.06	23	3.05	1001	5	.04	68	2690	32	8	50	137	210	138.8	80	33	1	13	131	62
	04321	.3	.20	851	1	38	.1	3	.95	.1	5	7	1.31	.10	1	.21	475	3	.01	13	1080	8	1	40	31	35	8.7	18	7	1	7	141	591
19	04322	.1	1.65	885	21	100	.3	9	.77	.1	31	56	6.32	.29	13	1.17	1401	4	.02	93	2120	21	1	73	96	504	99.4	75	21	1	10	131	392
	04323	.1	.80	4865	79	158	.1	5	1.74	.1	29	48	5.75	.40	2	.25	1385	1	.01	76	3260	8	1	100	73	139	35.4	63	12	1	7	90	2400
	04324	.1	1.81	379	37	110	.3	7	3.40	.1	28	36	5.88	.48	12	1.17	1140	4	.01	68	3130	23	6	158	80	166	67.3	67	23	1	7	64	80
	04325	.2	.58	4702	82	88	.1	5	1.78	.1	11	16	3.54	.29	2	.53	663	3	.02	2	870	19	15	66	58	39	20.2	41	12	1	7	112	3450
	04326	.1	1.08	3245	139	138	.3	5	1.32	.1	17	26	4.70	.49	4	.16	848	1	.02	1	1330	17	10	30	56	51	35.7	63	8	1	4	26	1470
22	04327	1.4	3.40	1	1	84	.1	41	2.89	.1	40	43	7.33	.52	17	3.94	920	4	.06	104	3200	21	3	87	78	6801	172.7	76	32	1	17	163	40
	04328	.1	2.03	430	26	117	.1	9	1.10	.1	30	37	5.69	.49	22	1.73	960	4	.03	65	3270	27	11	51	116	314	105.1	82	26	1	10	89	755
	04329	.1	3.11	76	1	319	.1	23	1.20	.1	41	52	6.92	.76	29	2.78	1294	5	.05	105	3400	32	13	54	120	3099	154.5	93	31	1	14	122	31
	04330	.1	.16	638	1	60	.1	2	.13	.1	4	17	1.43	.06	1	.05	369	3	.01	9	240	5	5	11	23	43	9.9	17	5	1	12	237	420
	04331	.2	3.28	36	1	280	.1	32	1.66	.1	36	76	7.23	.87	35	2.97	1154	4	.09	28	3570	28	12	60	98	5274	180.0	77	30	1	12	63	40
04332	.1	2.01	8	1	128	.1	8	.74	.1	12	18	3.57	.17	20	1.18	899	4	.07	31	640	28	8	21	80	406	82.7	75	22	1	7	64	21	
SOB	6.8	.15	45	16	16	.1	5	2.83	.1	9	32	2.57	.07	1	.24	479	4	.01	10	10	15	1	1	27	32	11.3	79	9	1	7	134	672	



- LEGEND:**
- EOCENE**
 - 10 Lamprophyre dykes
 - UPPER CRETACEOUS**
 - 9 Green hornblende porphyry dykes
 - Major quartz veins
 - 8 Albitite dykes
 - 8a Grey plagioclase porphyry dykes
 - EARLY PERMIAN BRALORNE INTRUSIVES**
 - 7 Soda granite
 - 6 Diorite
 - 6a Hornblendite
 - 5 President ultramafics (serpentinite)
 - PERMO-TRIASSIC(?) CADWALLADER GROUP**
 - 4 HURLEY FORMATION (turbidites, volcanoclastic sediments)
 - 3 PIONEER FORMATION (basalts, aquagene breccias)
 - PERMO-JURASSIC(?) BRIDGE RIVER (FERGUSON) GROUP**
 - 2 Sediment (ribbon chert, argillite)
 - 1 Pillow lavas
- VEIN
 - OUTCROP
 - ~ FAULT
 - CONTACT

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,257

PROFESSIONAL
PROVINCE OF
M. MILLER-TAIT
BRITISH COLUMBIA
GEOLOGICAL ENGINEER

Jim Miller-Tait

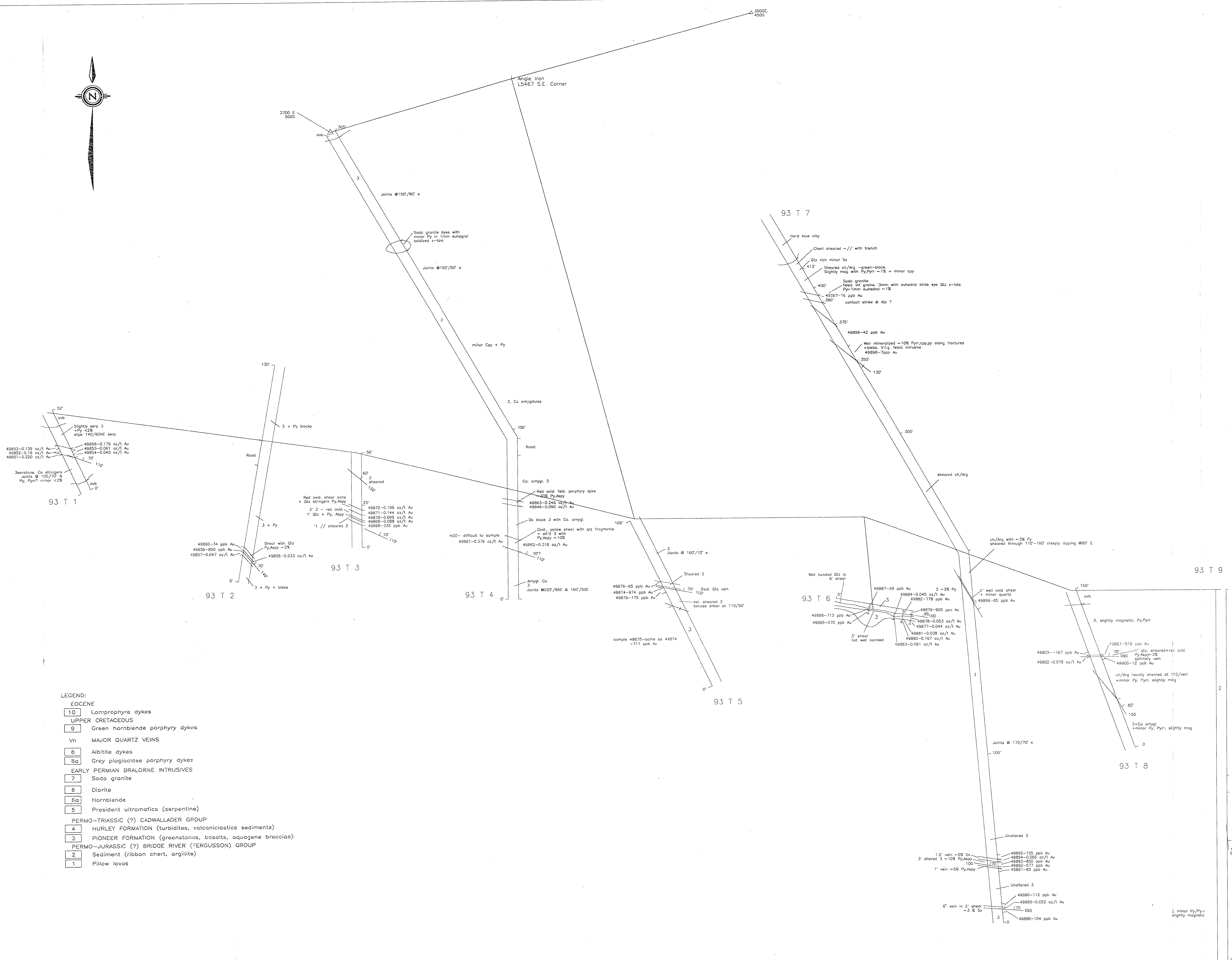
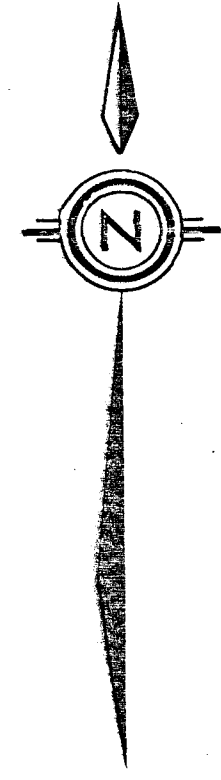
SEPTEMBER 15, 1993

PROFESSIONAL
PROVINCE OF
CHRIS J. SAMPSON
BRITISH COLUMBIA
GEOLOGICAL ENGINEER

Chris J. Sampson

SEPTEMBER 15, 1993

AVINO MINES & RESOURCES LIMITED	
BRALORNE-PIONEER GOLD MINES LTD.	
BRALORNE PROJECT	
BRIDGE RIVER AREA, B.C.	NTS:
SURFACE GEOLOGY COMPILATION MAP	
0 600 1200 1800 2400 FEET	
DATE: DEC., 1992 Rev. JULY, 1993	
BY: JMT/rwr	FIG. No. 5

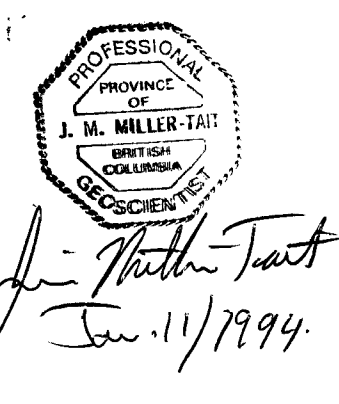


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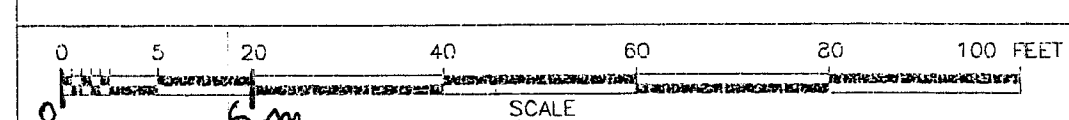
- EOCENE
 - 10 Lamprophyre dykes
- UPPER CRETACEOUS
 - 9 Green hornblende porphyry dykes
- Vn MAJOR QUARTZ VEINS
 - 8 Albite dykes
 - 8a Grey plagioclase porphyry dykes
- EARLY PERMIAN BRALORNE INTRUSIVES
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 - 2 Sediment (ribbon chert, argillite)
 - 1 Pillow lavas

GEOLOGICAL BRANCH
ASSESSMENT REPORT

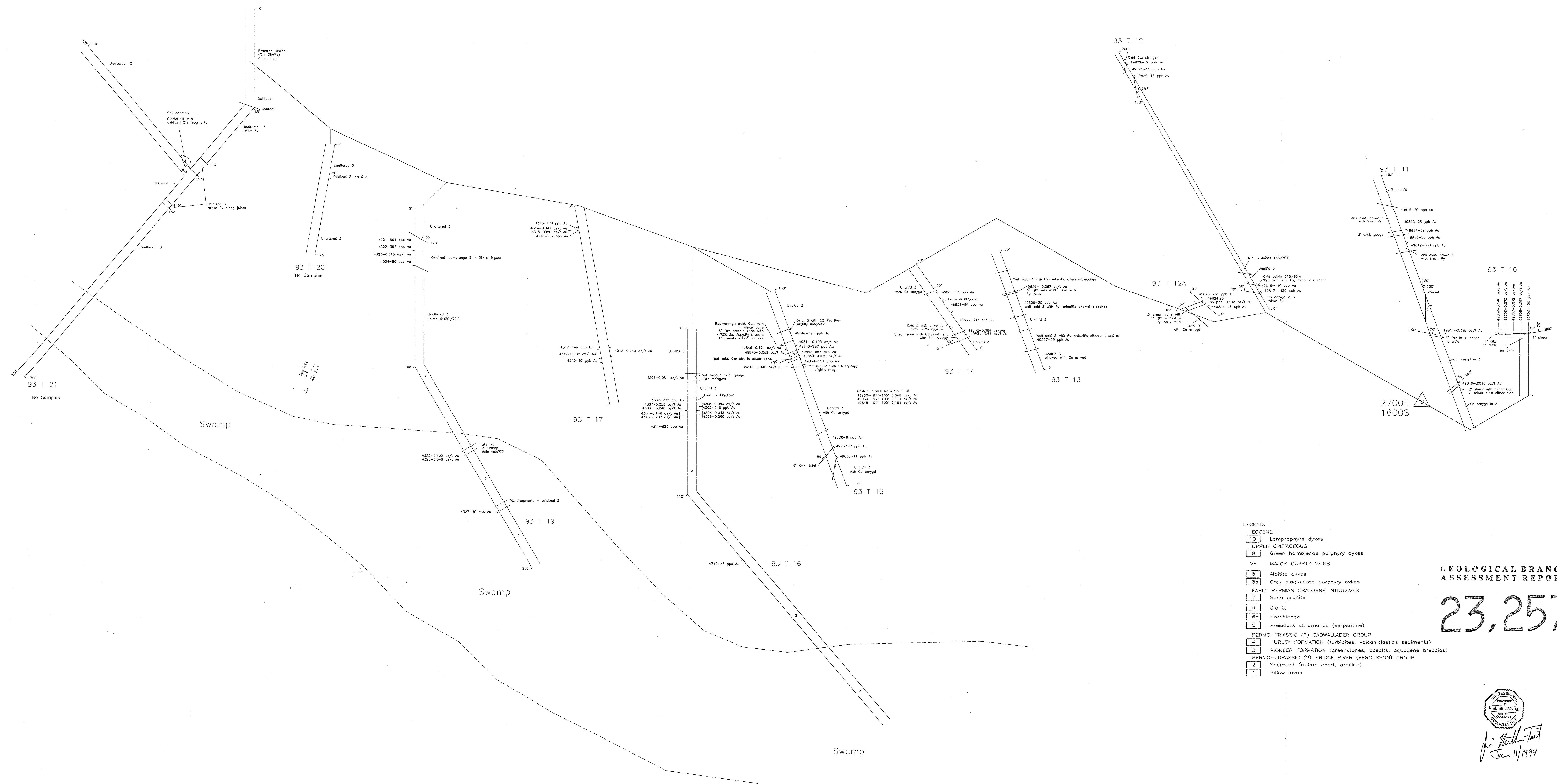
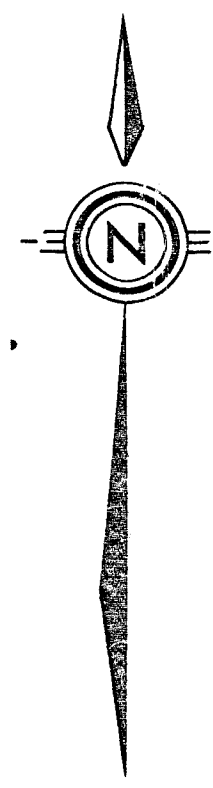
23,257



AVINO MINES & RESOURCES LTD.
BRALORNE PIONEER GOLD MINES LTD.
BRALORNE PROJECT
BRIDGE RIVER AREA, B.C.
TRENCH PLAN
TRENCHES 93 T 1 - 93 T 9



DATE: NOV. 1993
BY: J.M.-T./cwr
SCALE: 1:250
FIGURE No. 7a



- LEGEND:
- ECCENE
 - 10 Lamprophyre dykes
 - UPPER CRETACEOUS
 - 9 Green hornblende porphyry dykes
 - Vn MAJOR QUARTZ VEINS
 - 8 Albitite dykes
 - 8a Grey plagioclase porphyry dykes
 - EARLY PERMIAN BRALORNE INTRUSIVES
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 - PERMO-JURASSIC (?) BRIDGE RIVER (FERGUSON) GROUP
 - 2 Sediment (ribbon chert, argillite)
 - 1 Pillow lavas

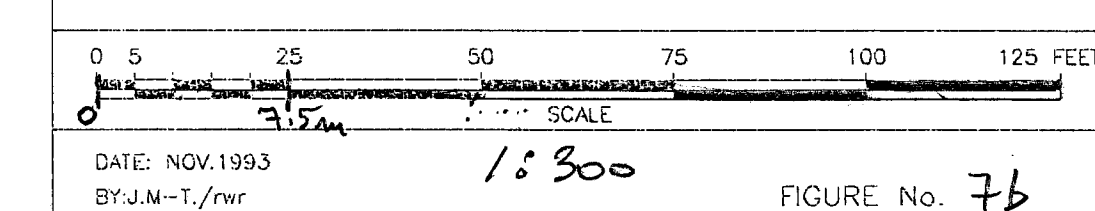
GEOLGICAL BRANCH
ASSESSMENT REPORT

23,257

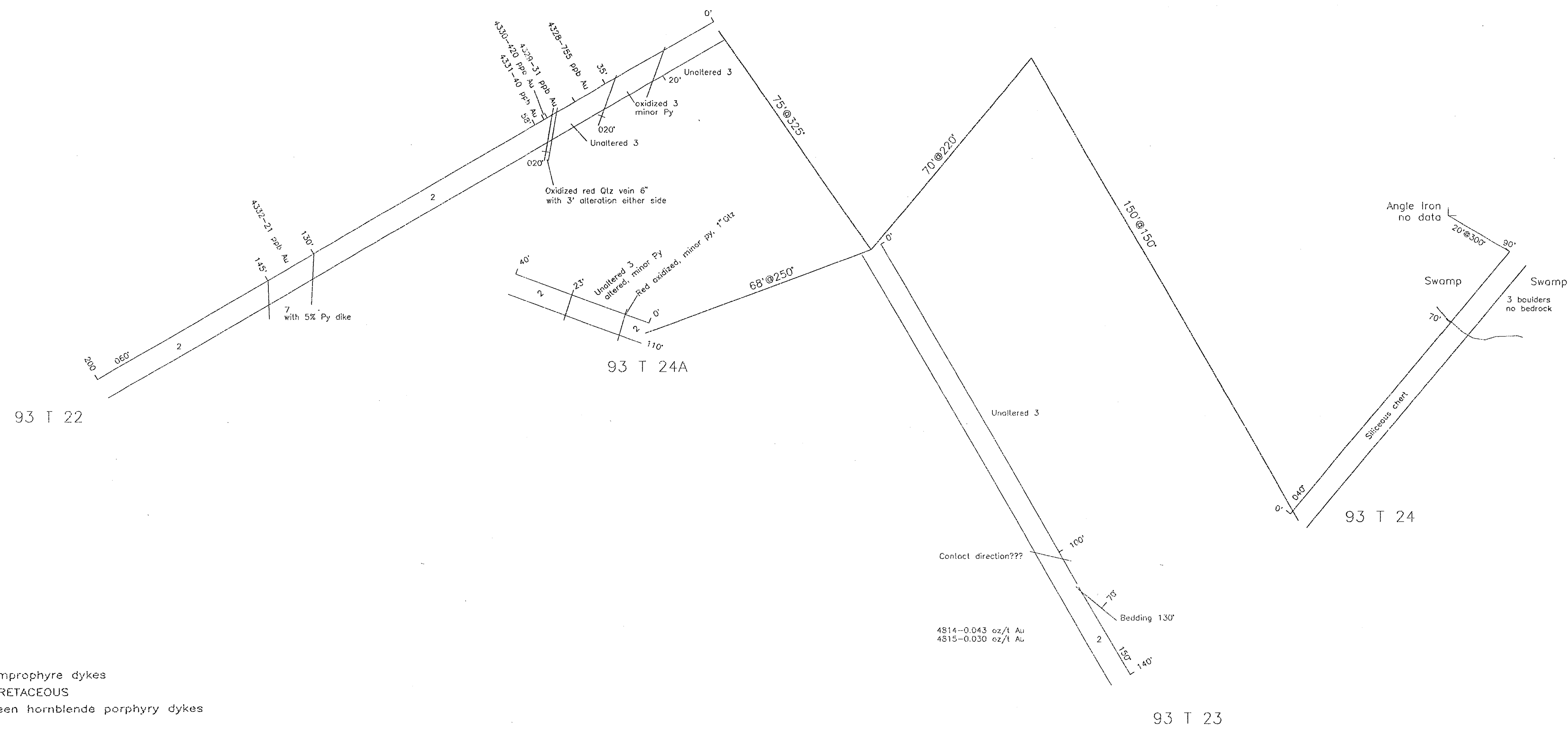
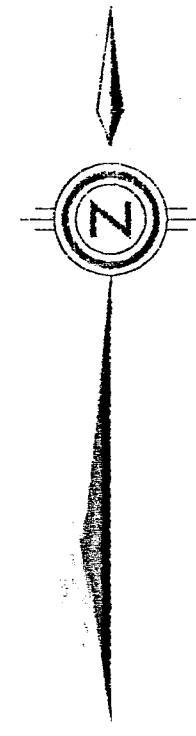
Jan 11/1994

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BRALORNE PIONEER GOLD MINES LTD.
BRALORNE PROJECT
BRIDGE RIVER AREA, B.C.

TRENCH PLAN
TRENCHES 93 T 10 - 93 T 21



DATE: NOV. 1993
BY: J.M.-1/rmr
FIGURE No. 7b

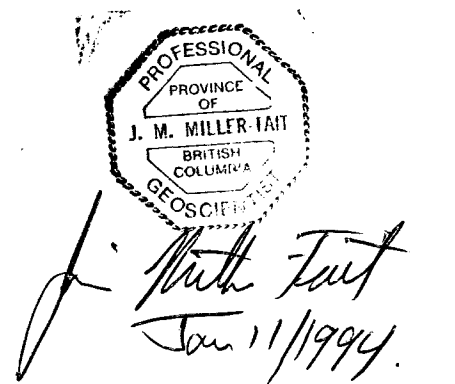


LEGEND:

- EOCENE
- 10 Lamprophyre dykes
- UPPER CRETACEOUS
- 9 Green hornblende porphyry dykes
- Vn MAJOR QUARTZ VEINS
- 8 Albitite dykes
- 8a Grey plagioclase porphyry dykes
- EARLY PERMIAN BRALORNE INTRUSIVES
- 7 Soda granite
- 6 Diorite
- 6a Hornblende
- 5 President ultramafics (serpentine)
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- PERMO-JURASSIC (?) BRIDGE RIVER (FERGUSSON) GROUP
- 2 Sediment (ribbon chert, argillite)
- 1 Pillow lavas

GEOLOGICAL BRANCH
ASSESSMENT REPORT

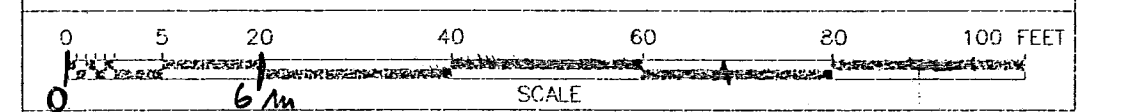
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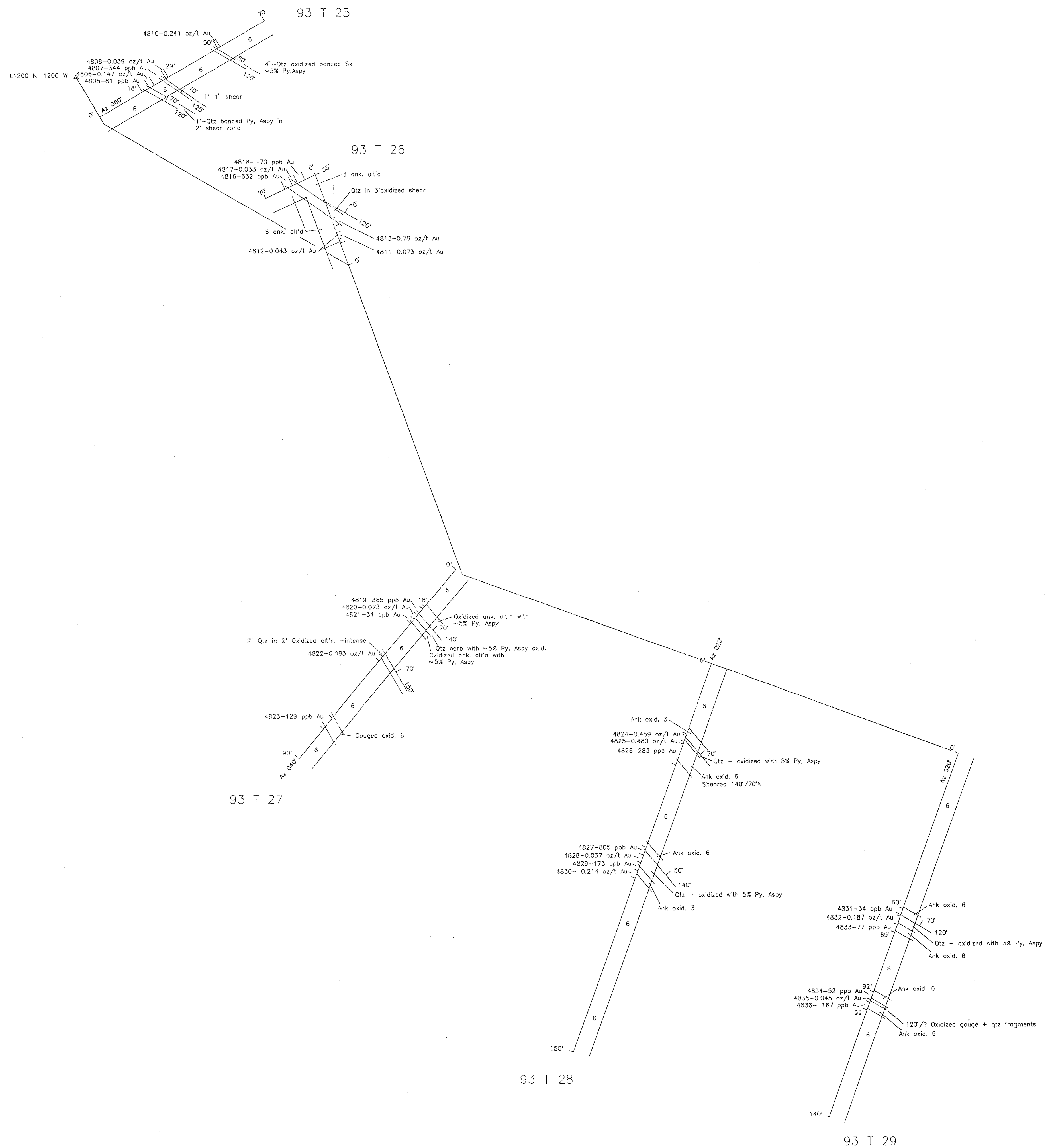
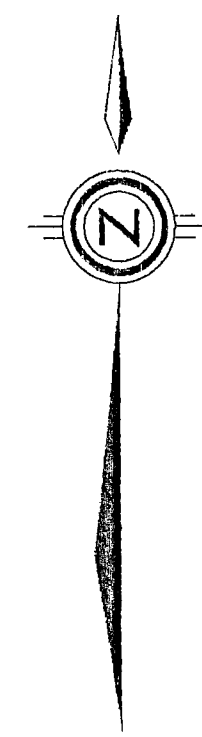
AVINO MINES & RESOURCES LTD.
BRALORNE PIONEER GOLD MINES LTD.

BRALORNE PROJECT
BRIDGE RIVER AREA, B.C.

TRENCH PLAN
TRENCHES 93 T 22 - 93 T 24A



DATE: NOV. 1993
BY: J.M.-T./rwr
FIGURE No. 7c

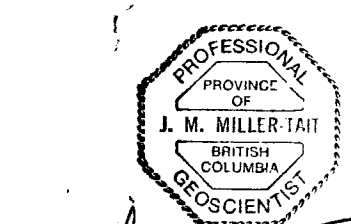


LEGEND:

- Eocene
- 10 Lamprophyre dykes
- UPPER CRETACEOUS
- 9 Green hornblende porphyry dykes
- Vn MAJOR QUARTZ VEINS
- 8 Albitite dykes
- 8a Grey plagioclase porphyry dykes
- EARLY FERMIAN BRALORNE INTRUSIVES
- 7 Soda granite
- 6 Diorite
- 6a Hornblende
- 5 President ultramafics (serpentine)
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- 2 Sediment (ribbon chert, argillite)
- 1 Pillow lavas

GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,257



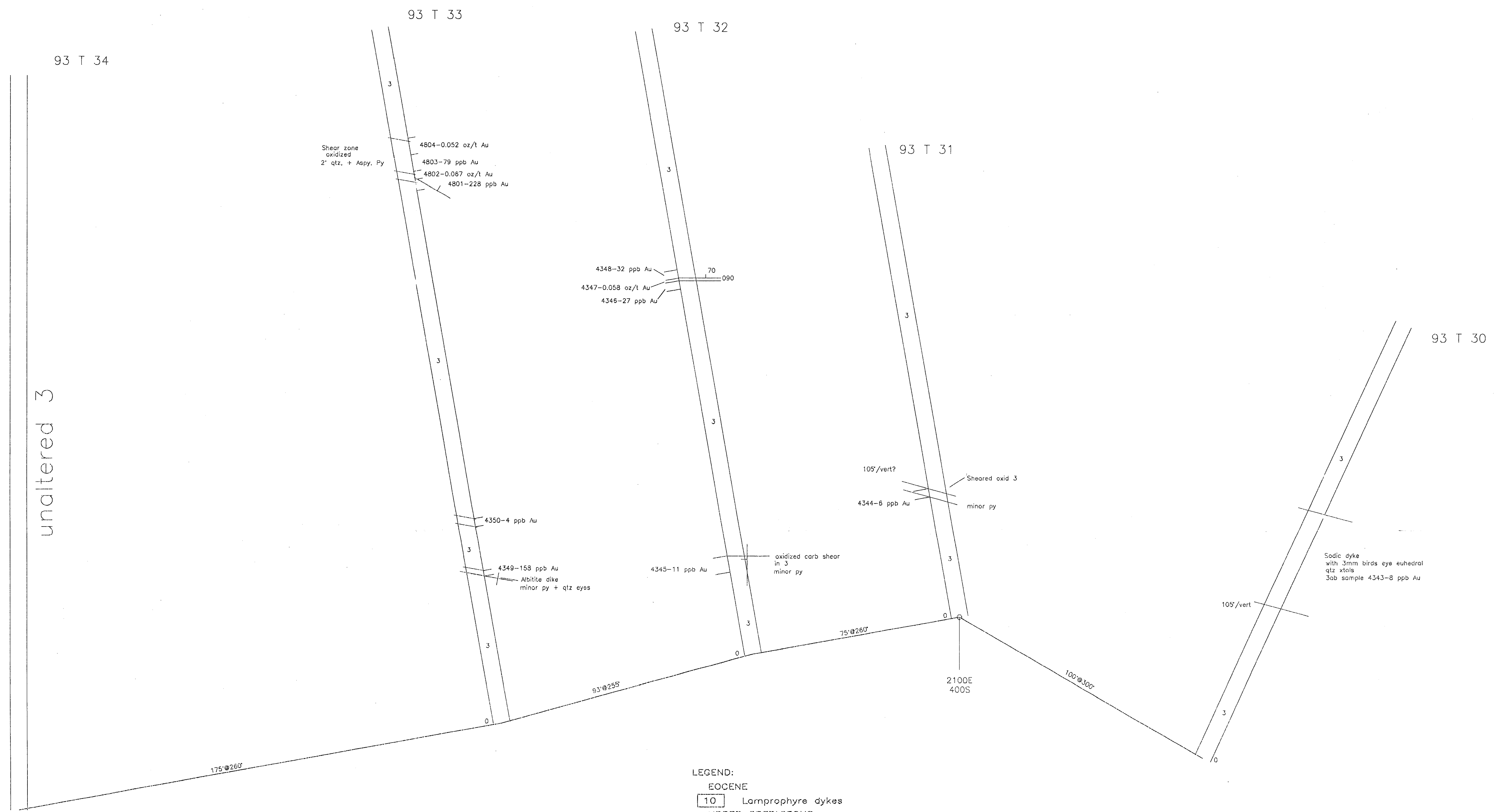
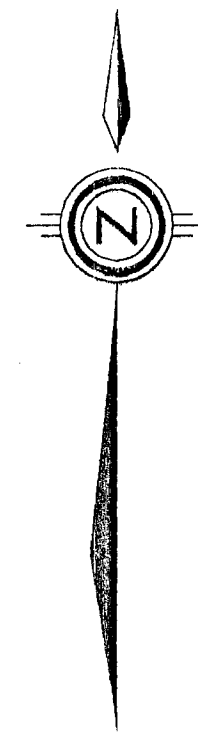
L. M. Miller
Jan 11/1994

AVINO MINES & RESOURCES LTD.
BRALORNE PIONEER GOLD MINES LTD.

BRALORNE PROJECT
BRIDGE RIVER AREA, B.C.

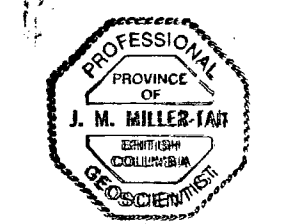
TRENCH PLAN
TRENCHES 93 T 25 - 93 T 29

0 5 20 40 60 80 100 FEET
SCALE
DATE: NOV-1993 BY: J.M.-T./rwr 1:240 FIGURE No. 7d



**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,257



J. M. Miller-Tap
Jan 11, 1994

- LEGEND:**
- EOCENE
 - 10 Lamprophyre dykes
 - UPPER CRETACEOUS
 - 9 Green hornblende porphyry dykes
 - Vn MAJOR QUARTZ VEINS
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 - 8a Grey plagioclase porphyry dykes
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 - PERMO-JURASSIC (?) BRIDGE RIVER (FERGUSSON) GROUP
 - 2 Sediment (ribbon chert, argillite)
 - 1 Pillow lavas

AVINO MINES & RESOURCES LTD.
BRALORNE PIONEER GOLD MINES LTD.

BRALORNE PROJECT
BRIDGE RIVER AREA, B.C.

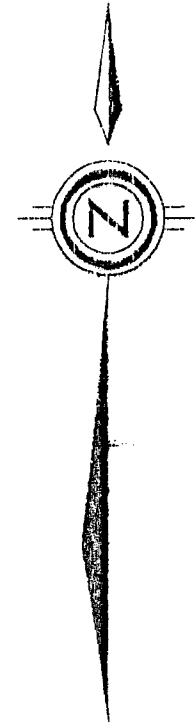
TRENCH PLAN
TRENCHES 93 T 30 - 93 T 34

0 5 20 40 60 80 100 FEET
SCALE

DATE: NOV.1993
BY: J.M.-T./rwr

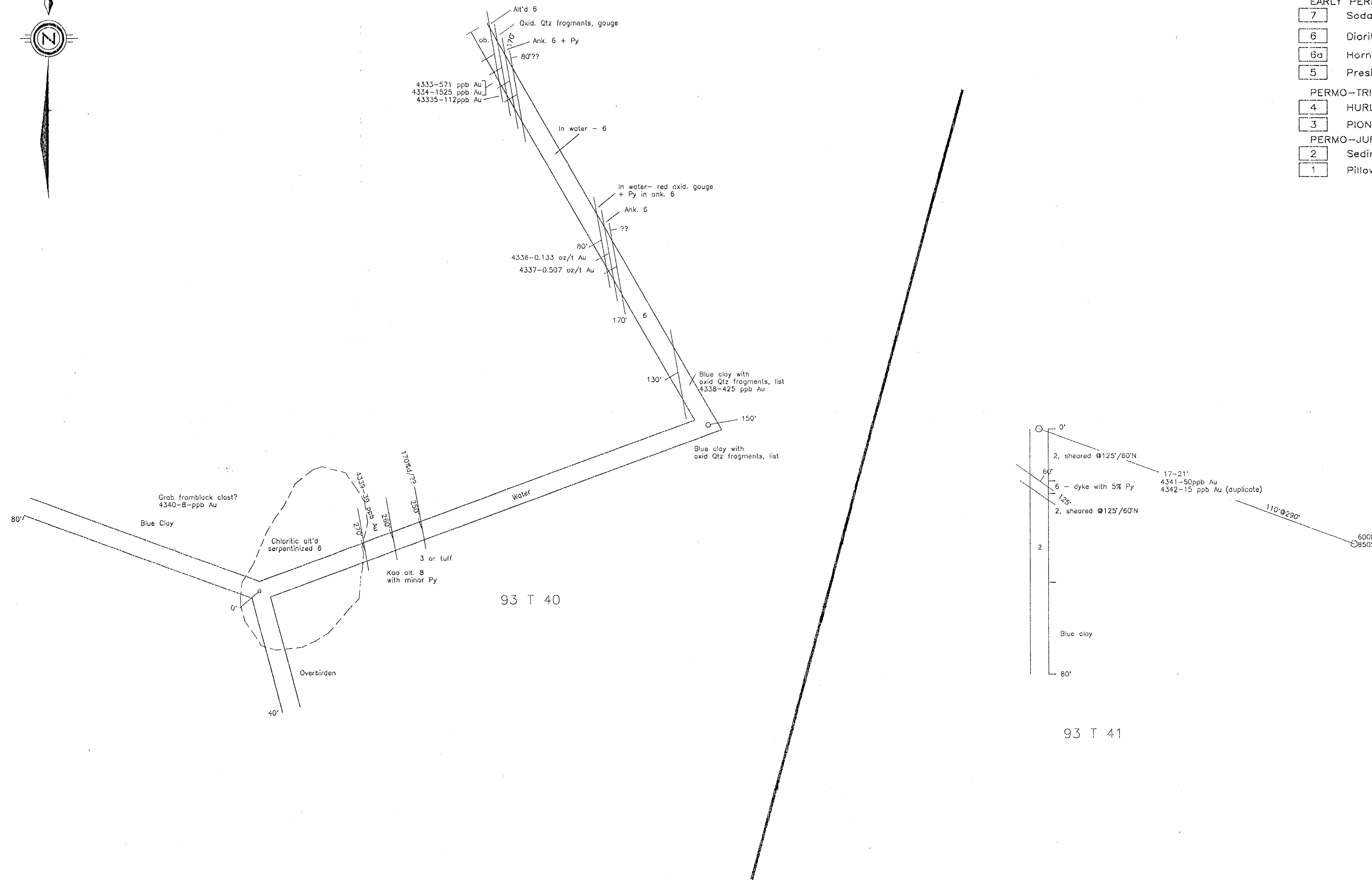
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FIGURE No. 7e



LEGEND:

- EOCENE
- 10 Lamprophyre dykes
- UPPER CRETACEOUS
- 9 Green hornblende porphyry dykes
- Vn MAJOR QUARTZ VEINS
- 8 Albitite dykes
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

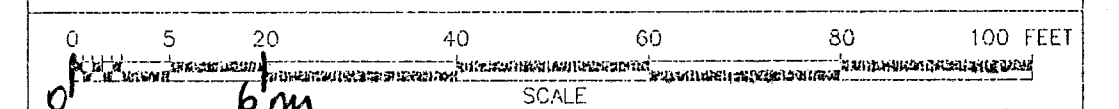
23,257



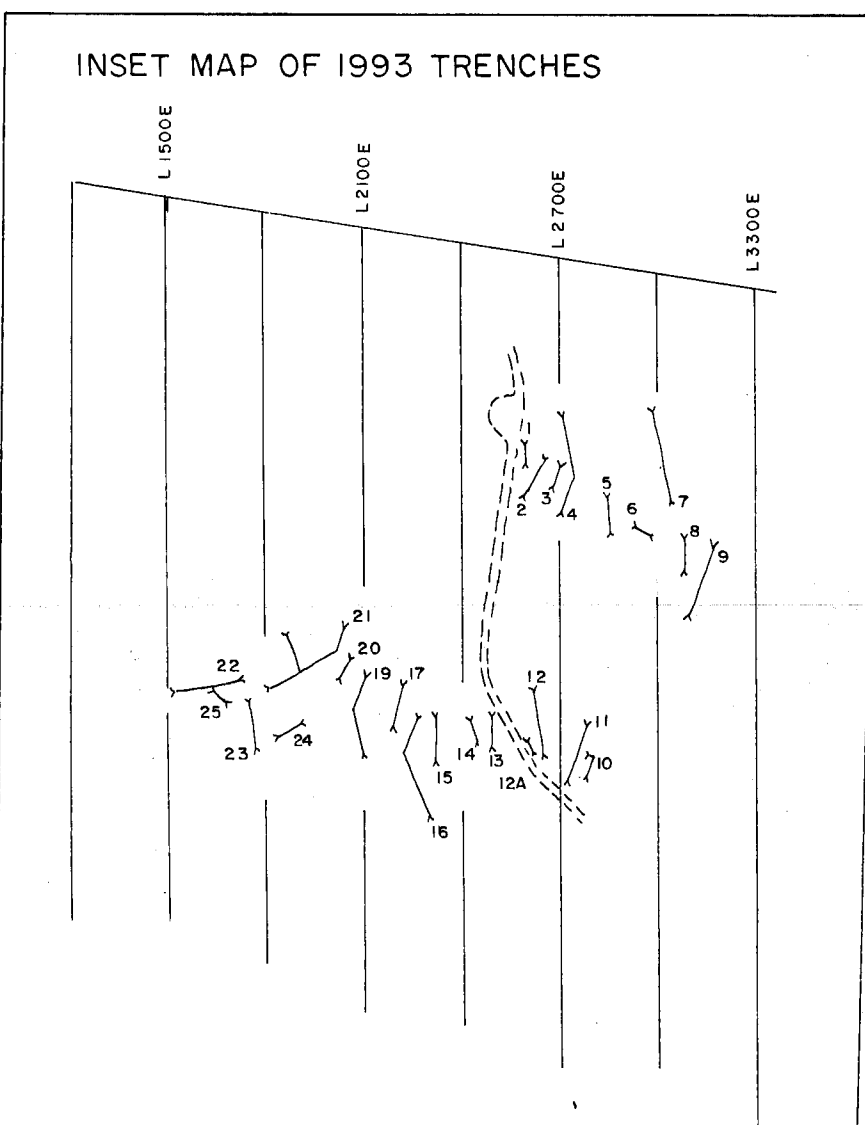
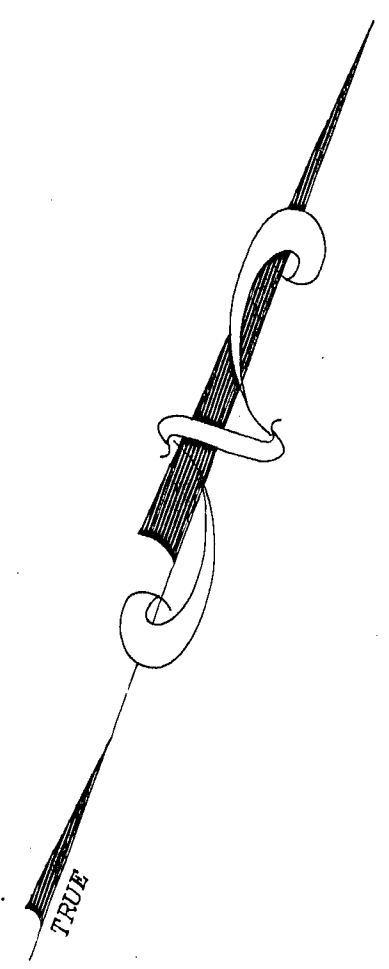
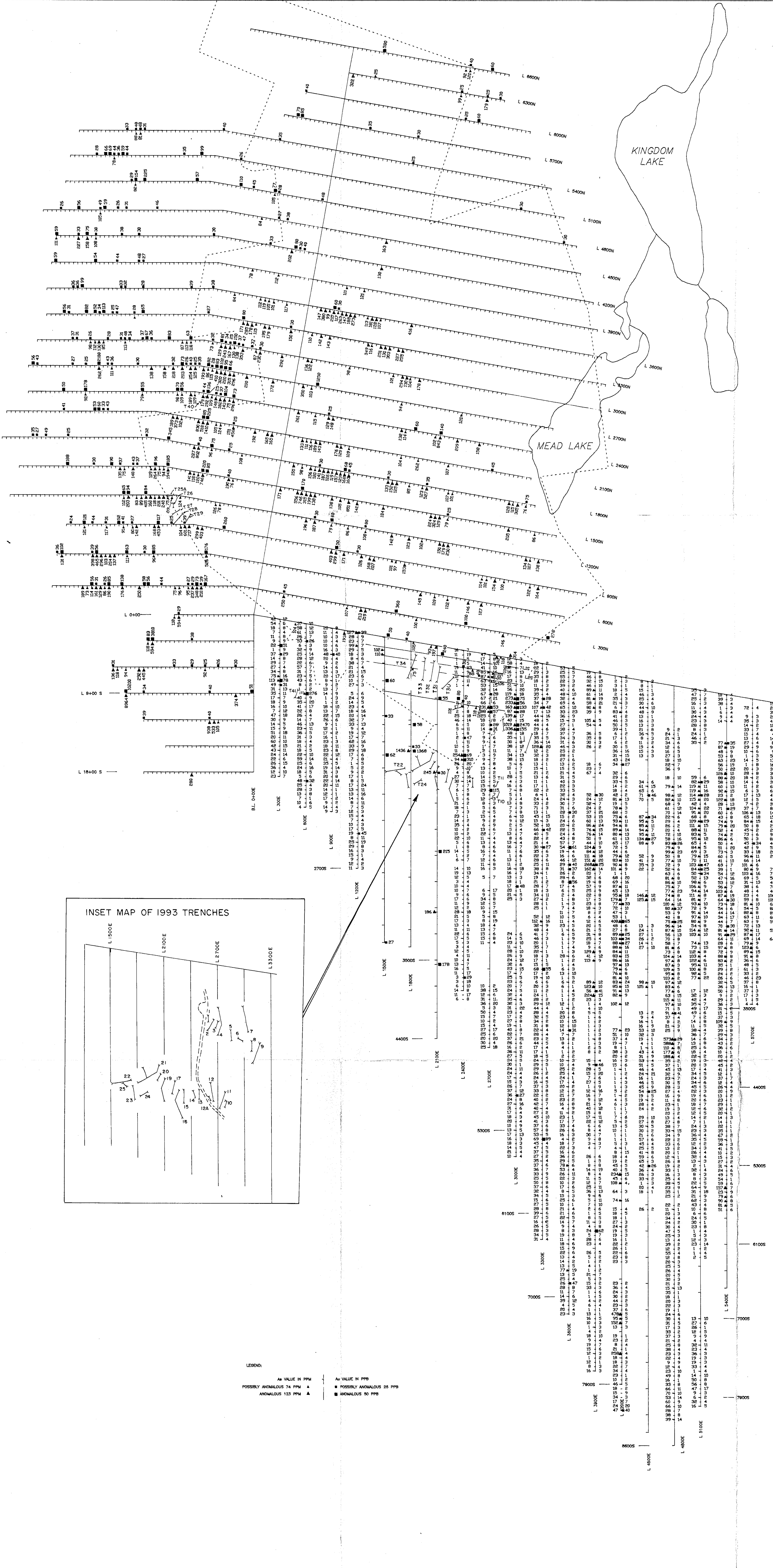
J. Miller
Jan. 11/1994

AVINO MINES & RESOURCES LTD.
BRALORNE PIONEER GOLD MINES LTD.
BRALORNE PROJECT
BRIDGE RIVER AREA, B.C.

TRENCH PLAN
TRENCHES 93 T 40 & 93 T 41



DATE: NOV. 1993
BY: J.M.-T./rwr
FIGURE No. 7f



LEGEND:

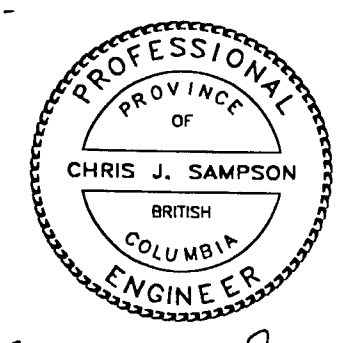
▲ Au VALUE IN PPM POSSIBLY ANOMALOUS 74 PPM ▲ ANOMALOUS 123 PPM ▲	■ Au VALUE IN PPB POSSIBLY ANOMALOUS 25 PPB ANOMALOUS 50 PPB
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GEOLOGICAL BRANCH
ASSESSMENT REPORT

23,257



J. M. Miller-Tait
SEPTEMBER 15, 1993



Chris J. Sampson
SEPTEMBER 15, 1993

AVINO MINES & RESOURCES LIMITED
BRALORNE - PIONEER GOLD MINES LTD.
BRALORNE PROJECT LILLOOET MINING DIVISION, B.C. NTS 92 J/9
SOIL GEOCHEMICAL SURVEY Au-As RESULTS
0 300 600 1200 1800 2400 3000 0 183m SCALE IN FEET 1:7200
DATE: JULY, 1993 BY: J.M.T./rwr
FIGURE No. 12



LEGEND:

Sb VALUE IN PPM	Ag VALUE IN PPM
POSSIBLY ANOMALOUS 2.7 PPM ▲	POSSIBLY ANOMALOUS 2.0 PPM ■
ANOMALOUS 4.4 PPM ◆	ANOMALOUS 2.6 PPM ◆

GEOLOGICAL BRANCH ASSESSMENT REPORT

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BRALORNE-PIONEER GOLD MINES LTD.

BRALORNE PROJECT
LILLOOET MINING DIVISION, B.C. NTS 92 J/9

SOIL GEOCHEMICAL SURVEY
Ag-Sb RESULTS

DATE: JULY, 1993
BY: J.M.T./rwr

3418
203-10

FIGURE No. 8b



J.M. Miller-Tait
Jan 11/1994



LEGEND:

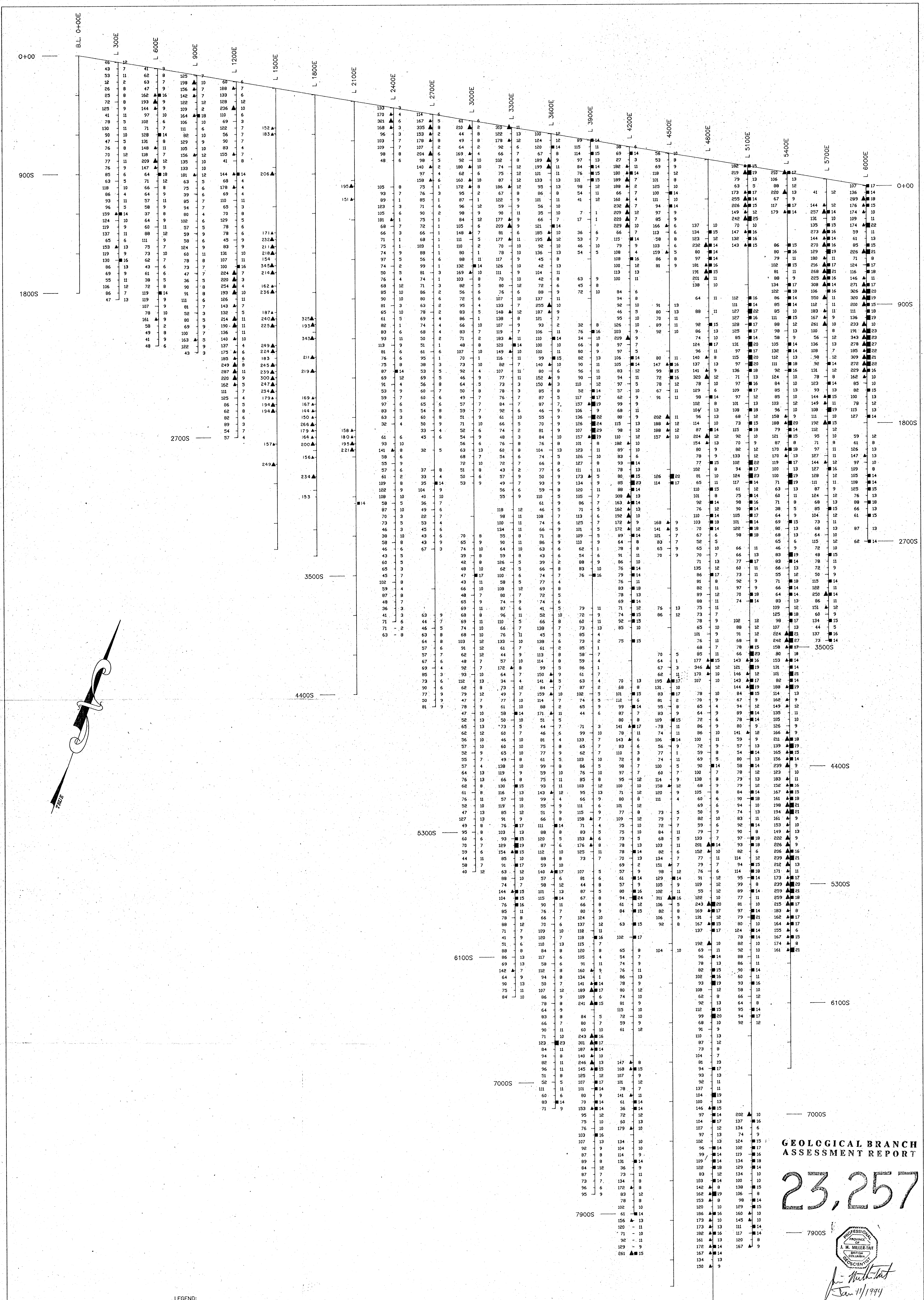
- Cu VALUE IN PPM
- POSSIBLY ANOMALOUS 86 PPM
- ANOMALOUS 128 PPM

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

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BRALORNE-PIONEER GOLD MINES LTD.
BRALORNE PROJECT
 LILLOOET MINING DIVISION, B.C. NTS 92 J/9
SOIL GEOCHEMICAL SURVEY
Cu RESULTS
 DATE: JULY, 1993
 BY: J.M.T./rwr 3A/B-203-10
 SCALE IN FEET 1:3600 T.K.
 FIGURE No. 8C





LEGEND:

Zn VALUE IN PPM 95 9 Pb VALUE IN PPM

POSSIBLY ANOMALOUS 139 PPM ▲ POSSIBLY ANOMALOUS 14 PPM ■

ANOMALOUS 189 PPM ▲ ANOMALOUS 19 PPM ■

**GEOLOGICAL BRANCH
ASSESSMENT REPORT**

23,257

7900S

PROFESSIONAL
A. M. MILLER-TAT
COLUMBIA
REGISTERED
GEOLOGIST

A. M. Miller-Tat
Jan 11/1994

BRALORNE-PIONEER GOLD MINES LTD.

BRALORNE PROJECT
LILLOEET MINING DIVISION, B.C. NTS 92 J/9

**SOIL GEOCHEMICAL SURVEY
Pb-Zn RESULTS**

0 300 600 1200 1800 2400 3000
0 40m SCALE IN FEET 1:3600 T.K.

DATE: JULY, 1993
BY: J.M.T./tww FIGURE No. 8d