REPORT ON A DIAMOND DRILL PROGRAM ON THE MINTO EXTENSION CLAIMS

GOLD BRIDGE, B.C.
LILLOOET MINING DIVISION
LATITUDE: 50°55' N LONGITUDE: 122°43' W

FOR
AVINO MINES AND RESOURCES LTD.
SUITE 400 - 455 GRANVILLE ST.
VANCOUVER, B.C.

BY: J. MILLER-TAIT
FEBRUARY 27, 1990

SUMMARY AND CONCLUSIONS

1. Avino Mines and Resources Ltd. own the Minto Extension claims which consist of 34 metric units located 11 kilometers North-East of Gold Bridge, B.C.

2. During September, 1988, a soil geochemical survey was completed covering the claims. A total of 1602 samples were collected and the property was geologically mapped.

3. The geochemical survey outlined five anomalous zones, A to E along with several isolated "highs".

4. In November, 1988, a short trenching program covered anomaly A. This program was successful in uncovering a wide mineralized zone in a conglomerate unit of the Taylor Creek Group.

5. The sulphides in the zone consist of pyrite, stibnite, sphalerite, arsenopyrite and galena. The sulphides occur as disseminated, blebs, and massive sulphides. The trenching program uncovered these gold values:

TRENCH MET 88-1: 9.5 m of .129 oz/ton Au
TRENCH MET 88-2: 14.5 m of .066 oz/ton Au
TRENCH MET 88-4: 5.0 m of .133 oz/ton Au
TRENCH MET 88-5: 1.0 m of .116 oz/ton Au

6. In October, 1989, a short (2000 feet) diamond drill program was successful in intersecting the zone which was uncovered in the 1988 trenches. The drilling verified the strike of the zone is North-South, and established the dip of the zone is 60 degrees to the West. The deepest holes intersected the zone at a depth of 50 m or 164 feet vertically from surface.

7. The principal gold values from the five drill holes were:

   1. 89-ME-1: .12 oz./ton Au over 2.29 m
      .1 oz./ton Au over 1.9 m

   2. 89-ME-2: .233 oz./ton Au over 0.5 m
      .137 oz./ton Au over 6.8 m

   3. 89-ME-3: .2 oz./ton Au over 1.7 m

   4. 89-ME-4: .083 oz./ton Au over 1.4 m

   All five drill holes contained anomalous gold values over 1000 ppb gold. The highest silver valueswere almost 1.0 oz/ton over 1.5 m in drill hole 89-ME-1.

8. It is evident that the exploration process of trenching geochemical anomalies is successful if bedrock can be reached. All of the other anomalies, B to D, should be trenched with a large excavator such as the the machine used previously, a 225 CAT excavator. If a mineralized zone is discovered, or bedrock cannot be reached then the anomaly or zone should be diamond drilled. It should be diamond drilling, as prices have dropped for drilling in the past year and the lack of water on the property make diamond drilling more feasible than other methods.

RECOMMENDATIONS AND COST ESTIMATES

1. Trenching of anomalies B to E, including the isolated "highs":

Excavator rental: 20 days at $800./day	$16,000.00
Geologist and assistant: 25 days at $300./day	7,500.00
Truck and Accommodation:	1,500.00
Analyses cost	6,000.00
Field equipment costs	500.00
Drafting and Report preparation	3,000.00
TOTAL	$34,500.00

2. Diamond drilling of zones discovered by trenching of anomalies B to E and deeper drilling of anomaly A:

Diamond drilling: 3500 ft at $17.00/foot	$59,500.00
Geologist and assistant: 20 days at $300./day	6,000.00
Truck and Accommodation	1,500.00
Analyses cost	4,000.00
Field equipment costs	500.00
Drafting and Report preparation	3,000.00
TOTAL	$74,500.00

TOTAL COST OF BOTH PROGRAMS:	$109,000.00

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LIST OF FIGURES

INTRODUCTION

Avino Mines and Resources Ltd., hold the 34 metric unit Minto Extension claims under an option agreement from Gold Bridge Development Corp. The claims are located approximately 11 kms. northeast of Gold Bridge on the north side of Carpenter Lake in the Lillooet Mining Division.

The drill program of 1989 was to test the mineralized anomaly A. This was discovered in 1988 after a geochemical soil survey and trenching of the anomaly. The low grade zone is confined to the Taylor Creek conglomerate. The zone was tested by 2000 feet of NQ size drilling in a series of five drill holes.

This report outlines the results of the drill program.

LOCATION, ACCESS, PHYSIOGRAPHY, AND CLIMATE

The Minto Extension claims are located 11 kms. northeast of the town of Gold Bridge, B.C. in the Lillooet Mining Division. The properties are situated on the south slope of Pearsons Ridge on the north side of Carpenter Lake.

Access to the property is by Highway 40 between Lillooet and Gold Bridge which is on all weather two-wheel drive road. The property itself is crossed by many secondary logging roads.

The property has been previously logged but it is still covered by fir and pine with light underbrush. The lowest elevation on the property is 654 meters at Carpenter Lake and rising to 1006 meters on Pearsons Ridge.

The climate of the area is characterized by long hot summers and short cold winters.

ACCOMMODATIONS AND LABOUR

Accommodation is readily available by use of two hotels in Gold Bridge, or Tyax Lodge. Local houses are available for rent in Gold Bridge. There are many campsites located on lakes and rivers in the vicinity as well.

Contract drillers were used for the program. Avino Mines and Resources Ltd. geologist supervised the drilling.

CLAIMS DESCRIPTION

The Minto Extension property consists of 34 metric units contained in 3 claims. The expiry dates do not include costs covered in this report.

CLAIM NAME	RECORD NO.	UNITS	EXPIRY DATES
MINTO EXTENSION	2945	8	1994/08/20
MINTO EXTENSION 1	2722	18	1995/02/15
MINTO EXTENSION 3	2786	10	1995/03/12

MINING HISTORY

In 1988, during the geological mapping program a short adit was discovered. It is not known when this adit was driven. There are many old test pits which are scattered over the property especially on the Taylor Creek Group conglomerate. It is most probable that the property was prospected extensively earlier in the 1900's when, the Minto and Olympic property adits were driven. The property is extensively covered by glacial overburden which hindered prospecting as modern technology is needed.

AVINO MINES AND RESOURCES LTD.

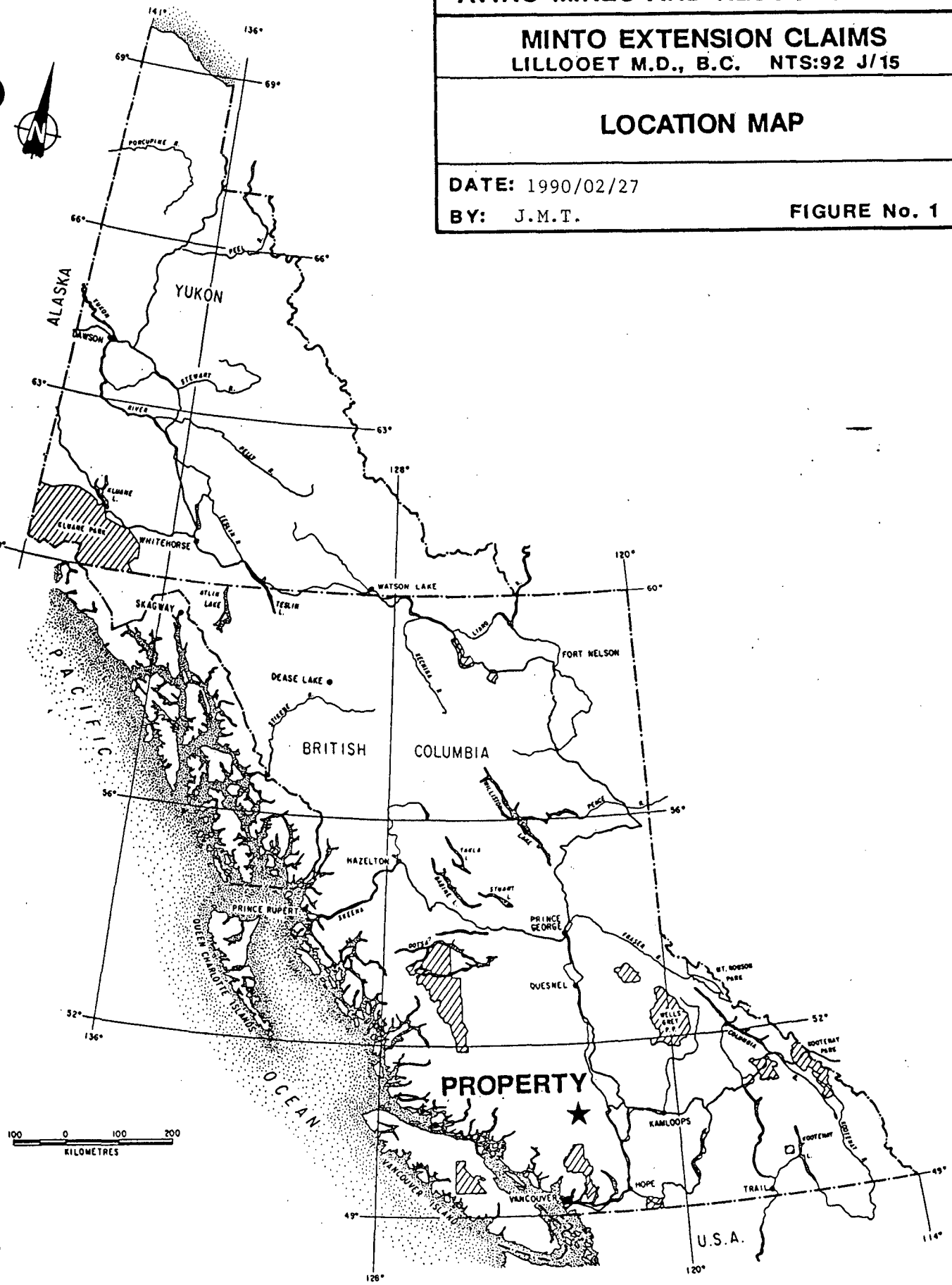
MINTO EXTENSION CLAIMS
LILLOOET M.D., B.C. NTS:92 J/15

LOCATION MAP

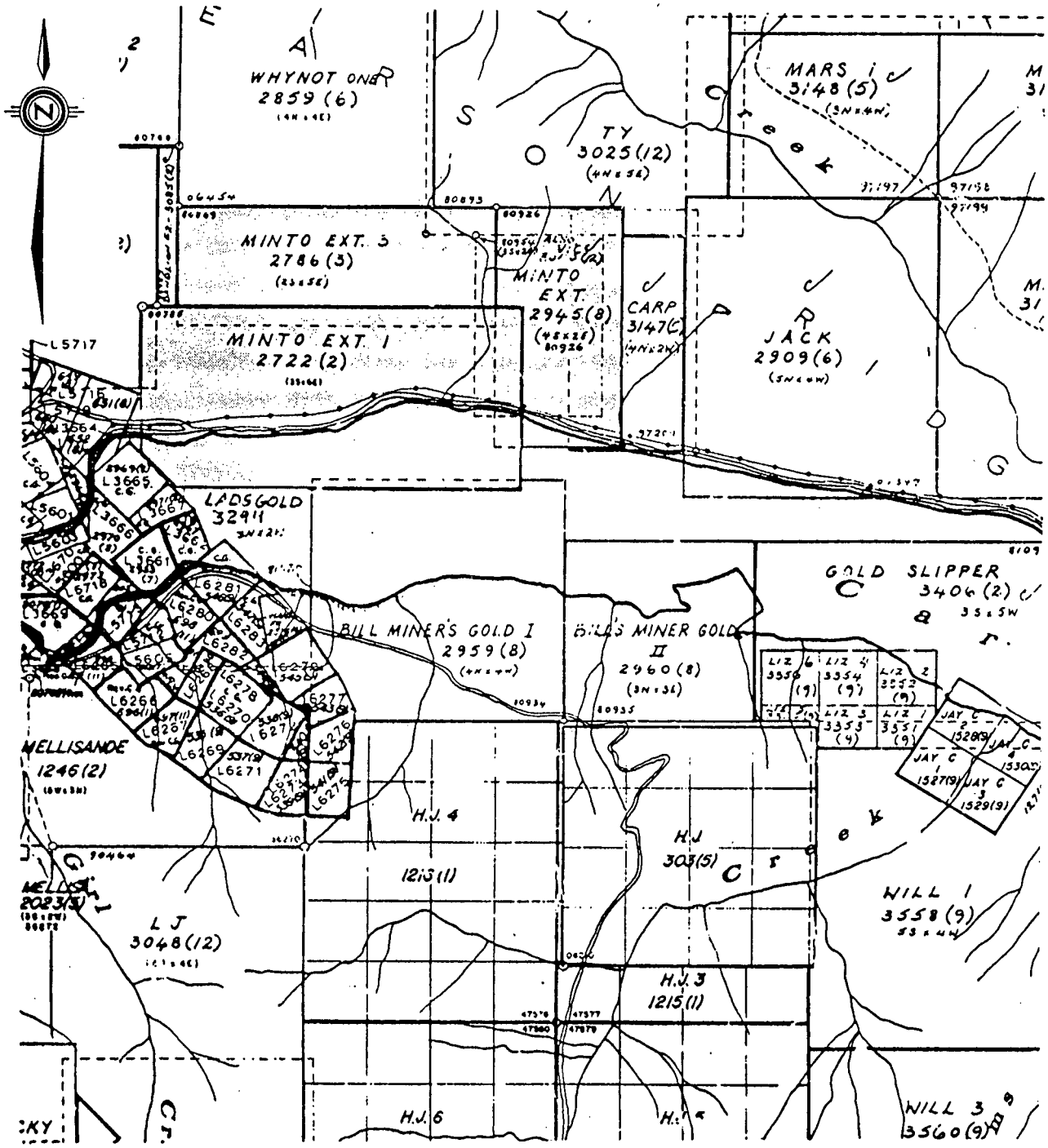
DATE: 1990/02/27

BY: J.M.T.

FIGURE No. 1



R.W.R. MINERAL GRAPHICS LTD.



AVINO MINES AND RESOURCES LTD.

MINTO EXTENSION CLAIMS

LILLOOET MINING DIVISION, B.C. NTS: 92 J/15

CLAIM MAP

0 1 2 3 4 Km

SCALE 1:50 000

DATE: 1990/02/27
BY: J.M.T.

GEOLOGY

REGIONAL

The following summary of regional geology and tectonics is derived from the reports of many workers in the Bridge River area, with emphasis on Geological Survey of Canada reports and the University of British Columbia reports (see references).

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 (figure 3). Triassic arc volcanics and backarc sediments (Cadwallader and Bridge River Groups) are intruded by synvolcanic, intermediate plutons (Bralorne Intrusions) and faulted against ophiolitic, ultramafic intrusions (President Intrusions)

Jurassic and Cretaceous basinal sediments and rift volcanics (unnamed Taylor Creek and Kinsvale Groups) are sequentially intruded by Cretaceous and Tertiary plutons of felsic composition (Coast, porphyry and Bendor Intrusions). Relatively flat-lying Tertiary intermediate and mafic volcanics (Rexmount porphyry and plateau basalt) cap the lithological sequence.

Triassic rocks probably formed a discrete plate, the Bridge River terrane, prior to dollision with the North American plate to the northeast in Jurassic time. That collision thrusted arc volcanics, backarc sediments and oceanic crust onto the already assembled exotic terranes of the Intermontaine Belt and prompted uplift and erosion that produced Jurassic and Cretaceous sediments.

Bridge River terrane then got sandwiched by the arrival of eastward-drifting Insular belt rocks from the west in Cretaceous time. This collison probably remobilized old faults and sparked several periods of intrusive activity that resulted in Cretaceous and Tertiary plutons and volcanics.

Old breaks such as the Fergusson and Cadwallader faults were prob ably mobilized again as Tertiary dextral strike slip faults, followed by extrusion of plateau basalts in response to extensional tectonics. Finally, Pleistocene existing mountainous terrain.

Bralorne and Pioneer mines comprise the largest and richest lode gold mining camp in British Columbia. Between 1899 and 1971, they produced 4.16 million ounces gold and 0.95 million ounces silver from 8.23 million tons of ore grading 0.51 oz/ton gold and 0.12 oz/ton silver. Gold bearing quartz veins follow two sets of narrow fissures in Pioneer andesite and Bralorne diorite near Bralorne granite and albitite dikes. Mining stopped in ore some 2000 meters down because of the ventilation problem and high mining costs.

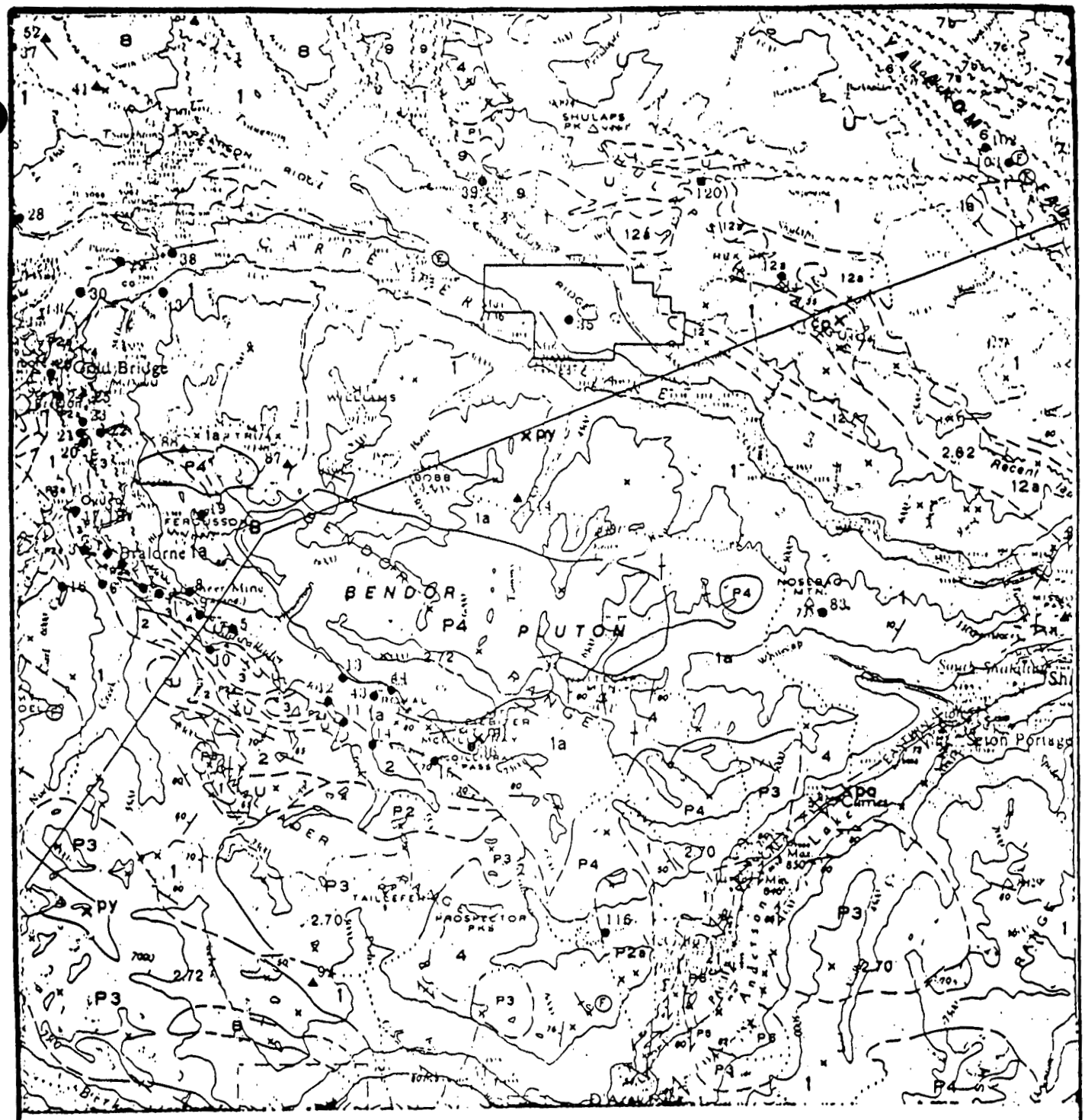


FIGURE 3

AVINO MINES & RESOURCES

GOLDBRIDGE AREA

LILLOOET MINING DIVISION, B.C.

GEOLOGY MAP

DATE:	SCALE:	BY:
1990/02/27	1:250,000	J. M.T.

LEGEND FROM MAP 13-1973

MESOZOIC

JURASSIC AND CRETACEOUS
UPPER JURASSIC AND LOWER CRETACEOUS
RELAY MOUNTAIN GROUP

6 — Argillite; greywacke and pebble conglomerate

JURASSIC
LOWER JURASSIC

5 — Argillite and shale; minor sandstone, limestone and pebbly conglomerate

TRIASSIC
UPPER TRIASSIC

U — Ultrabasic rocks

4 — HURLEY FORMATION: Thin-bedded limy argillite, phyllite, limestone, tuff, conglomerate, agglomerate, andesite, and minor chert

3 — PIONEER FORMATION: Greenstone derived from andesitic flows and pyroclastic rocks; 3a, andesite breccia, tuff and flows, greenstone; minor rhyolitic breccia and flows, slate, argillite, limestone and conglomerate

2 — NOEL FORMATION: Thin-bedded argillite; chert, conglomerate and greenstone

MIDDLE TRIASSIC AND (?) OLDER
BRIDGE RIVER GROUP (FERGUSSON GROUP)

1 — Chert, argillite, phyllite and greenstone; minor limestone, schist; 1a, metamorphosed rock of map-unit 1; mainly biotite schist

METAMORPHIC AND PLUTONIC ROCKS
(Mostly of unknown age)

B — Metasedimentary rocks, mainly micaceous quartzite, biotite-hornblende schist, and minor schists bearing garnet, staurolite and possibly sillimanite

A — Granitoid gneiss, migmatite complexes, minor amphibolite and biotite schist

P6 — Granite

P5 — Quartz monzonite

P4 — Granodiorite; 4a, miarolitic granodiorite and syenodiorite

P3 — Quartz diorite

P2 — Diorite; 2a, Bralorne intrusions: Augite diorite, gabbro, minor soda granite and quartz diorite

P1 — Gabbro

U — Ultrabasic rocks: serpentine, peridotite, dunite

PROPERTY LIST

14 Royal (Au)
15 Summers (Au)
16 Short of Luck (Au)
17 Gruff (Au)
18 Success (Au)
19 Waterloo (Au)
20 California (Au)
21 Whynot (Au)
22 Gloria Kitty and Jewess (As)
23 Forty Thieves (As)
24 Arizona (Au)
25 Golden Gate (Au)
26 Heylmore (As)
27 Pilot (Au)
28 B & F (As)
29 Congress (As, Hg)
30 Weyside (Au)
31 Veritas (Au)
32 White and Bell (As)
33 Reliance (Sb, Au)
34 Spokane (As)
35 Summit (As)
36 Empire (As)
37 Wide West
38 Stibnite (Sb)
39 Primrose (As)
40 Bema Expl.
41 Charlotte, Ace (Hg)
42 Lincoln (Cu, Fe)
43 Chalco 5 (W, Cu)
44 Chalco 12 (W, Cu)
45 N. Texas, Flo, Pyo (Cu, As, Ag, Fe)
47 Apex (Fe)
48 Cooper Queen (OWL CR, A Zone) (Cu, Mo)
49 Azure (Cu)
50 Lucky Strike, Husky
51 Paul (Hg)
54 Owl Cr. B Zone (Cu, Mo)
55 Owl Cr. C Zone (Cu, Mo)
56 Eagle (Cu, Fe, Zn)
57 Lone (Cu, Fe, Zn)
58 Boulder (Cu, Zn, Ag, Fe)
59 Moffat (Eva) (Cu, Ag, Zn)
60 Copper Mountain (Fe, Cu, Zn, Hg)
61 Severe (Cu, Fe)
62 Wonder (Pb, Zn, Cu)
63 Silver Bell (Pb, Ag, Au, Cu, Zn)
64 Li-Li-Kel (Cristina) (Ag, Pb, Zn, As)
65 Pemberton (Cu)
66 Margery (Zn, Fe, Au, Pt)
67 Fitzsimmons (Cu)
69 Owl Mountain (Northstar) (Fe, Au, Ag)
74 Crown (Ag, Zn, Cu, Pb, Fe)
75 Gold King (Ag, Au, Zn, Pb)
76 Cougar (Fe)
78 Bobs (Mo)
79 Silver Queen (Ag, Pb, Zn)
80 Patricia, (Ag, Pb, Zn)
81 J (Py)
82 Gia (Yes) (W, Cu, Zn)
83 Lucre (Flora) (W, Sb)
84 Stibnite (Lost Gold) (Sb)
87 Truax (Spruce) (Au, Sb)
89 Rock (Ag, Sb)
90 RM (Cu)
92 Bee (Cy, Mo)
94 Ample, (Golden Cache) (Au)
102 Red Eagle (Hg)
103 Golden Eagle (Hg)
111 Bamboo (Au, Ag)
113 Barkley Valley Mines (Au, Ag)
114 Golden Contact, (Bralorne Group) (Au)
117 Excelsior, (Nemo) (Cu, Au, Ag, Pb)
118 Congress (Au)
119 Golden (Au)
120 Yalakom, (Ridge) (Mo)

PERIOD	UNIT	LITHOLOGY
upper Tertiary	Plateau basalt	basalt, rhyolite flows, breccias
		unconformable contact
lower Tertiary	Rexmount porphyry	rhyolite, dacite, andesite tuffs, breccias, flows, plugs
		unconformable contact
upper Cretaceous	Porphyry dikes	quartz, feldspar, hornblende 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
lower Jurassic	Unnamed sediments	argillite, shale, sandstone, limestone, conglomerate
		unconformable contact
upper Triassic	Bralorne intrusions	augite diorite, soda granite, albitite dikes
		intrusive contact
	President intrusions	serpentinite, peridotite, pyroxenite, dunite, gabbro
		fault contact
	Cadwallader Hurley formation	group limy argillite, phyllite, limestone, tuff, conglomerate, greenstone, chert
	Pioneer formation	greenstone, basalt, andesite, flows, tuffs
	Noel formation	argillite, chert, conglomerate, greenstone
		conformable contact?
middle Triassic	Bridge River group	chert, argillite, phyllite, limestone, greenstone, metamorphic equivalents

Table 2: Formation names, ages and lithologies.

PROPERTY GEOLOGY (SAMPSON, 1988)

Geological mapping of the Minto Extension claims was completed during September and October, 1988. Over the eastern half of the claim group, the southern flank of Pearson Ridge, outcrop distribution is moderate and bedrock is exposed by numerous logging roads. On the western half of the claim group outcrop is very sparse and glacial overburden reaches considerable depths.

Much of the eastern half of the claim group is underlain by volcanics and sediments (chert and argillite) of the Middle Triassic Bridge River Group. In the northern half of this area, volcanics predominate. They consist of green to dark green andesites to diorites. The volcanics become increasingly massive and unaltered to the east. The southern half of this area is predominatly chert and argillite with greenstone interbedded occasionally.

The Bridge River Group is overlain by conglomerates, grits and sandstones of the Lower Cretaceous Taylor Creek Group. On the Minto Extension claims, no contact with the Bridge River group has been noted. However, the contact is thought to be a series of faults rather than uncomformities. Exposure of the Taylor Creek Group is limited to a few small outcrops east of the 20W baseline between lines 14 and 15N. The outcrop is a chert pebble conglomerate containing 1 to 2 cm. rounded chert pebbles in a ferruginous sandstone matrix. The conglomerate also exhibits rusty weathering due to the presence of ankerite and disseminated pyrite.

During the course of mapping, an adit of approximately 5 m. length was discovered. It is located at the southern end of the mapped area, toward Carpenter Lake. The adit originally explored a highly sheared, rusty and arsenic stained section in chert and cherty argillite. Near this adit is a unit of hornblende feldspar porphyry diorite with numerous randomly oriented quartz stringers. Some serpentinized rock and listewanite altered rock (sediment) has also been located. To

the east of the adit, across a pronounced gully, several outcrops of ultrabasic rock and minor serpentinized greenstone are exposed. East of the 20W baseline and extending to Carpenter Lake road, there is a large outcrop of very fresh, unaltered diorite which contacts Bridge River Group chert.

DRILLING RESULTS

A short program of 2000 feet of drilling was used to test the mineralized zone exposed in Trenches 1-4. The trenching results of Trenches 1, 2, & 4 are listed from C. Sampson's report in 1988:

TRENCHES 1, 2 & 4 RESULTS

TRENCH MET 88-1:
28.5 m (93.51 ft.) width assaying 0.068 oz/ton gold, which included a 9.5 m. (31.2 ft.) width assaying 0.129 oz/ton gold and an 18 m (59.1 ft.) width assaying 0.040 oz/ton gold.

TRENCH MET 88-2:
2.0 m (6.56 ft.) width assaying 0.197 oz/ton gold, which formed the high grade core of a 14.5 m. (47.57 ft.) width assaying 0.066 oz/ton gold. Also 9.0 m. (29.33 ft.) which assayed 0.044 oz/ton and 7.0 m. (22.97 ft.) which assayed 0.046 oz/ton gold.

TRENCH MET-88-4:
5.0 m (16.41 ft.) width assaying 0.113 oz/ton gold which included 1 m. (3.28 ft.) assaying 0.216 oz/ton gold. Another 1m (3.28 ft.) width ran 0.333 oz/ton gold.

The zone is confined to the Taylor Creek conglomerate with disseminated fine grained pyrite, arsenopyrite, and stibnite. The mineralized unit strikes north-south and dips from 45-66° west. There is a unit of mudstone with fine grained pyrite seperating the conglomerate into two sections.

Drill holes 89-ME-1-4 were directed to intersect the conglomerate below the trenches MET 88-1-4. Drill hole 89-ME-5 was "stepped out" to the north to test the conglomerate unit away from the best trench results. The hole 89-ME-5 was successful in cutting the conglomerate unit but gold values were low at the highest being 0.034 oz/ton

over a width of 1.3 meters. The best gold results of holes 89-ME-1-4 are summarized as follows:

89-ME-1: 0.12 oz/ton Au over 2.29 m
0.10 oz/ton Au over 1.9 m

89-ME-2: 0.233 oz/ton Au over 0.5 m
0.137 oz/ton Au over 6.8 m

89-ME-3: 0.20 oz/ton Au over 1.7 m

89-ME-4: 0.083 oz/ton Au over 1.4 m

CORE STORED ON SITE NEAR HOLE 5

STATEMENT OF COSTS

DESCRIPTION	COST
Diamond Drilling (NQ Core Size): 1965 feet	$37,488.19
Sample Analyses: 152 Samples	2,352.50
Labour Cost: 9 Man Days	950.00
Geological Supervision	5,000.00
Report Preparation and Drafting	1,400.00
Field Supplies	200.00
Office Overhead and Miscellaneous (15%)	7,108.60
TOTAL	$54,499.29

REFERENCES

1937: Geological Survey Memoir, 213 "Geology and Mineral Deposits on Bridge River Mining Camp, B.C." C.E. Cairnes

1973: Paper 73-17 Geological Survey of Canada "Pemberton East-Half Map Area" J.A. Roddick and W.W. Hutchinson

1988: Report on Geological Mapping, Geochemical Soil Sampling and Trenching, Minto Extension Claims, Chris. J. Sampson

1988: Report on a Trenching Program, Whynot 1-4 claims, Chris J. Sampson

1989: Report on Geology and Exploration Potential, Golden Mickey Claim, Chris. J. Sampson

QUALIFICATIONS

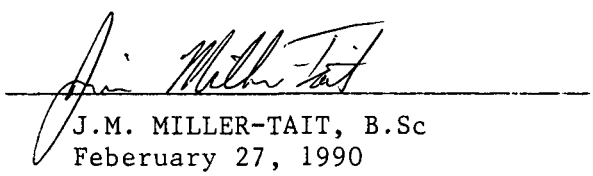
I, J. M. Miller-Tait of Gold Bridge, B.C. do hereby certify that:

I am a graduate of the University of British Columbia with a Bachelor of Science degree in geology (1986).

I have been practising my profession as an exploration geologist, seasonally, since 1982, and full time since 1987.

I have been employed as an exploration geologist with Avino Mines & Resources Ltd. since July, 1987.

This report is based on personal examination of all relevant data and on supervision of field work during October, 1989.



J.M. MILLER-TAIT, B.Sc
Feberuary 27, 1990

A P P E N D I X A

GEOCHEMICAL ROCK SAMPLE RESULTS

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

ANALYTICAL PROCEDURE REPORT FOR ASSESSMENT WORK - 26 ELEMENT ICP

Ag,Al,As,B,Bi,Ca,Cd,Co,Cu,Fe,K,Mg,Mn,Mo,
Na,Ni,P,Pb,Sb,Sr,Th,U,V,Zn

Samples are processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sedimint samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed by jaw crusher and pulverized by ceramic plated pulverizer.

1.0 gram of the samples are digested for 6 hours with HNO_3 and $HClO_4$ mixture.

After cooling samples are diluted to standard volume. The solutions are analysed by Computer operated Jarrell Ash 9000ICP. Inductively coupled Plasma Analyser. Reports are formated by routing computer dotline print out.

MIN-EN Laboratories Ltd.
Specialists in Mineral Environments
Corner 15th Street and Bewicke
705 WEST 15TH STREET
NORTH VANCOUVER, B.C.
CANADA V7M 1T2

GOLD GEOCHEMICAL ANALYSIS BY MIN-EN LABORATORIES LTD.

Geochemical samples for Gold processed by Min-En Laboratories Ltd., at 705 W. 15th St., North Vancouver Laboratory employing the following procedures.

After drying the samples at 95°C soil and stream sediment samples are screened by 80 mesh sieve to obtain the minus 80 mesh fraction for analysis. The rock samples are crushed and pulverized by ceramic plated pulverizer.

A suitable sample weight 5.0 or 10.0 grams are pretreated with HNO_3 and $HClO_4$ mixture.

After pretreatments the samples are digested with Aqua Regia solution, and after digestion the samples are taken up with 25% HCl to suitable volume.

Further oxidation and treatment of at least 75% of the original sample solutions are made suitable for extraction of gold with Methyl Iso-Butyl Ketone.

With a set of suitable standard solution gold is analysed by Atomic Absorption instruments. The obtained detection limit is 0.005 ppm (5ppb).

COMP: AVINO MINES LTD.
PROJ: MINTO EXT.
ATTN: J.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: 9V-1467-RJ1+2
DATE: NOV-09-89
* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	FE PPM	SB PPM	ZN PPM	AU PPB
H-1	.1	1	9	2700	1	6	5
09851	1.6	1799	25	19870	13	43	2250
09852	.6	76	45	44700	22	66	10
09853	.7	49	36	39810	13	77	5
09854	.4	60	45	42420	22	63	5
09855	.5	88	30	27950	15	42	15
09856	.8	279	34	30750	26	48	130
09857	3.6	1112	33	32810	32	46	220
09858	4.7	3066	37	31310	2915	49	3000
09859	2.0	988	22	28710	54	44	590
09860	2.1	2165	31	32200	765	50	685
09861	.4	192	29	31000	22	50	35
09862	.9	598	27	31740	20	45	130
09863	.6	264	28	32600	15	53	135
09864	1.0	1951	34	34220	29	50	470
09865	.9	259	34	36740	21	63	20
09866	2.8	5480	26	34770	44	67	7750
09867	2.3	4103	28	25760	20	42	4200
09868	2.0	5710	32	34670	24	54	3550
09869	3.8	5240	27	28710	20	47	6250
09870	4.1	4973	23	27850	23	47	5100
09871	.6	55	31	34410	1	55	10
09872	3.4	4252	24	28290	22	52	3700
09873	.5	63	30	34580	1	49	5
09874	1.8	1162	29	34150	17	68	440
09875	.9	53	35	35640	1	56	5
09876	1.1	1686	22	25760	20	44	780
09877	2.4	2957	47	31420	45	59	1450
09878	.7	102	31	34040	1	53	15
09879	.4	141	32	33430	21	58	25
09880	2.3	1828	49	32480	24	71	1050
09881	.5	151	33	31640	5	49	20
09882	1.1	702	15	15290	1	38	385
09883	.3	202	28	31890	1	44	5
09884	.6	6	1	9430	1	30	5
09885	.5	59	32	36210	1	53	5
09886	3.1	2966	27	31490	40	50	25000
09887	2.0	1923	29	31450	32	47	2850
09888	.4	61	28	28850	1	41	5
09889	1.0	869	31	37530	20	58	210
09890	1.1	667	27	36990	12	61	165
09891	.6	162	42	26000	5	40	60
09892	.5	57	33	31690	1	44	5
09893	1.7	1047	27	34020	21	50	240
09894	.6	91	27	31230	5	49	5
09895	.7	109	24	37890	1	53	5
09896	.6	52	38	34660	2	59	5
09897	.6	145	33	33180	8	47	25
09898	.9	251	29	31110	14	47	40
09899	3.6	3603	28	35410	101	58	2350
09900	3.0	2630	26	34130	229	49	1650
09901	.7	310	38	19780	5	47	110
09902	1.9	543	36	31240	1837	61	680
09903	9.6	4331	36	26680	13693	47	7500
09904	3.3	2809	31	28980	1515	44	2300
09905	1.5	555	33	31170	114	50	175
09906	1.5	576	30	27790	104	44	340
09907	1.1	1521	32	37810	35	53	350
09908	2.6	943	36	34520	149	55	1600
09909	2.6	934	37	34750	152	55	130

COMP: AVINO MINES LTD.
PROJ: MINTO EXT.
ATTN: J.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: 9V-1467-RJ3+4
DATE: NOV-09-89
* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	FE PPM	SB PPM	ZN PPM	AU PPB
09910	1.7	4668	37	28880	91	42	1800
09911	33.6	761	134	18730	62792	48	2850
09912	.6	264	49	48900	1100	63	100
09913	1.7	1605	34	34060	749	53	1150
09914	6.9	1428	47	32010	4277	53	950
09915	.5	870	37	42910	109	65	275
09916	3.5	4901	38	37770	4506	56	2700
09917	1.5	2866	32	36740	174	56	1200
09918	.3	278	31	30710	58	50	65
09919	.1	374	32	35010	37	56	70
09920	.4	524	27	40800	23	60	180
09921	2.0	3594	28	31660	28	52	2350
09922	.5	1204	40	37040	26	62	265
09923	1.5	2318	32	32520	25	58	1300
09924	2.1	4964	31	36080	759	56	1650
09925	1.4	3861	31	37990	34	75	1100
09926	.3	638	30	34990	25	63	95
09927	2.8	10722	31	33980	5070	58	5300
09928	3.1	4843	33	31970	15621	63	2100
09929	1.0	7398	30	33710	190	55	3450
09931	.9	2172	13	14100	106	34	1350
09932	.3	123	20	25220	13	45	5
09933	.5	115	34	29220	27	49	10
09934	3.2	1747	24	32320	17	41	1200
09935	1.1	571	34	32970	16	49	800
09936	.4	54	35	37990	10	56	5
09937	.3	38	40	39540	10	58	5
09938	.4	27	37	40610	8	61	5
09939	.3	28	35	36470	1	53	5
09940	.1	28	35	35700	1	52	5
09941	.5	19	33	39440	1	58	5
09942	.3	42	53	32030	7	52	5
09943	.4	31	32	37220	2	57	5
09944	.7	49	28	31290	1	49	5
09945	.4	37	33	40260	1	59	5
09946	.5	53	35	38020	2	55	10
09947	.8	204	30	34500	4	54	35
09948	.6	48	31	35650	5	59	5
09949	.4	14	41	37710	1	64	5
09950	.8	203	36	32770	2	57	15
16451	.4	38	33	36310	1	60	5
16452	.4	9	26	32700	1	55	5
16453	.3	44	30	36090	1	59	5
16454	.5	452	30	38570	14	65	115
16455	.5	27	32	37730	3	65	5
16456	.7	57	31	38500	2	63	25
16457	2.1	935	29	31820	3063	53	440
16458	2.1	900	29	31180	3058	53	480
16459	1.0	2863	29	36200	73	58	1050
16460	.4	235	31	33560	30	57	5
16461	.4	74	27	33120	6	52	5
16462	1.0	3160	30	32330	138	56	1550
16463	.6	2220	31	33460	58	63	1400
16464	.4	206	28	34180	3	52	25
16465	.1	1013	31	34740	21	58	360
16466	.4	1700	28	28530	19	49	565
16467	.3	34	28	36770	2	55	5
16468	.5	837	32	30790	19	50	160
16469	.2	163	32	30690	12	51	5
16470	.4	61	24	37400	3	53	5

COMP: AVINO MINES LTD.
PROJ: MINTO EXT.
ATTN: J.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: 9V-1467-RJ5+6
DATE: NOV-09-89
* TYPE ROCK GEOCHEM * (ACT:F31)

SAMPLE NUMBER	AG PPM	AS PPM	CU PPM	FE PPM	SB PPM	ZN PPM	AU PPB
16471	.4	104	28	35720	2	58	25
16472	.1	52	29	36350	1	61	5
16473	.1	1	6	13080	1	39	5
16474	.2	24	28	34580	1	54	5
16475	.6	779	34	25130	18	42	130
16476	.5	877	30	29260	29	45	290
16477	1.0	967	29	32030	30	48	385
16478	1.4	835	32	34150	2863	53	380
16479	.5	63	28	31190	15	54	5
16480	.5	39	30	34410	17	56	10
16481	.6	253	32	37780	18	58	200
16482	1.6	1427	34	34090	33	69	610
16483	2.0	558	30	34060	5655	54	295
16484	.7	153	27	32030	58	51	15
16485	2.8	3100	27	30880	56	49	2700
16486	1.0	450	29	30170	20	53	110
16487	.5	517	28	32570	21	52	100
16488	.6	59	29	31890	8	49	5
16489	.7	346	32	35180	13	55	55
16490	.5	30	34	32920	5	46	10
16491	.4	44	44	39380	9	56	5
16492	.6	72	27	30910	3	50	5
16493	.5	59	36	30480	8	51	5
16494	.5	105	30	35710	6	58	5
16495	1.0	798	26	31530	10	56	215
16496	.5	230	29	35550	8	57	5
16497	.6	240	25	33690	8	53	10
16499	.4	516	33	35730	11	56	90
16500	.1	95	27	31660	7	54	5
16501	.1	66	28	30750	9	49	5
16502	1.9	1706	29	31020	22	56	435
16503	.1	52	32	37390	4	61	5

MIN-EN LABORATORIES

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
TELEX: VIA U.S.A. 7601067 • FAX (604) 980-9621

TIMMINS OFFICE:
33 EAST IROQUOIS ROAD
P.O. BOX 867
TIMMINS, ONTARIO CANADA P4N 7G7
TELEPHONE: (705) 264-9996

Assay Certificate

9V-1467-RA1

Company: AVINO MINES LTD.
Project: MINTO EXT.
Attn: J.MILLER-TAIT

Date: NOV-09-89

Copy 1. AVINO MINES LTD., VANCOUVER, B.C.
2. AVINO MINES LTD., GOLDBRIDGE, B.C.

We hereby certify the following Assay of 30 ROCK samples submitted NOV-14-89 by J.MILLER-TAIT.

Sample Number	AU G/TONNE	AU OZ/TON
09851	2.31	.067
09858	3.16	.092
09866	7.98	.233
09867	4.30	.125
09868	3.80	.111
09869	6.53	.190
09870	5.27	.154
09872	3.38	.099
09877	1.53	.045
09880	1.31	.038
09886	22.11	.645
09887	3.56	.104
09899	2.92	.085
09900	1.93	.056
09903	7.83	.228
09904	2.41	.070
09908	1.66	.048
09910	1.83	.053
09911	3.61	.105
09913	1.18	.034
09916	2.73	.080
09917	1.39	.041
09921	2.40	.070
09923	1.37	.040
09924	1.79	.052
09925	1.26	.037
09927	5.42	.158
09928	2.13	.062
09929	3.59	.105
09931	1.34	.039

Certified by _____

MIN-EN LABORATORIES

MIN-EN LABORATORIES

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CHEMISTS • ASSAYERS • ANALYSTS • GEOCHEMISTS

705 WEST 15TH STREET
NORTH VANCOUVER, B.C. CANADA V7M 1T2
TELEPHONE (604) 980-5814 OR (604) 988-4524
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TELEPHONE: (705) 264-9996

Assay Certificate

9V-1467-RA2

Company: AVINO MINES LTD.
Project: MINTO EXT.
Attn: J.MILLER-TAIT

Date: NOV-09-89
Copy 1. AVINO MINES LTD., VANCOUVER, B.C.
2. AVINO MINES LTD., GOLDBRIDGE, B.C.

We hereby certify the following Assay of 5 ROCK samples submitted NOV-14-89 by J.MILLER-TAIT.

Sample Number	AU G/TONNE	AU OZ/TON
09934	1.29	.038
16459	1.12	.033
16462	1.63	.048
16463	1.41	.041
16485	2.83	.083

Certified by _____

MIN-EN LABORATORIES

DIAMOND DRILL RECORD

PROPERTY MINTO EXTENSION **HOLE No.** 89-ME-1

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	45°	

Hole No. 89-ME-1 **Sheet No.** 1
Section
Date Begun
Date Finished
Date Logged OCTOBER 23, 1989

Lat.
Dep.
Bearing 090
Elev. Collar

Total Depth 451
Logged By JMT
Claim MINTO EXT 3
Core Size NQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
0	6.0	0%	Casing								
6.0	7.3	70%	Soft gouged argillite at approx 60° to C.A. approx 30%								
7.3	24.2	100%	Siliceous chert conglomerate Chert or qtz pebbles up to 4 cm wide. Minor diss Py Matrix is black soft mud with approx 10=15% of core Chert at 19-21m argillite approx 5%	09902	24.0	24.8	0.8	680			
24.2	44.9	100%	Congolomerate pebbles of chert sandstone, mudstn.	09903	24.8	25.5	0.7	7500	.228		
			serpentine maripostite volcanics. Pebbles up to	09904	25.5	26.8	1.3	2300	.070		
			8 cm wide. Very little natrix, approx 2-5%	09905	26.8	29.5	2.1	175			
			Disseminated Py, Aspy throughout approx 2-5%	09906	28.9	29.5	0.6	340			
			Massive Sx between 34-34.5 consisting of 90%	09907	29.5	31.0	1.5	350			
			Sb and 10% Aspy. Py approx 45° to C.A. Contact	09908	31.0	32.3	1.3	1600	.048		
			at 24m at 40° to CA Contact at 45m is	09909	32.3	33.6	1.3	130			
			approx 80°	09910	33.6	33.9	0.3	1800			
				09911	33.9	34.4	0.5	2850	.105		
44.9	50.3	100%	Mudstone Very fine grained soft with approx 5%	09912	34.4	35.2	0.8	100			
			cher pebbled less than 1 cm Bedding approx 90°	09913	35.2	36.6	1.4	1150	.034		

DIAMOND DRILL RECORD

PROPERTY MINTO EXTERNSION **HOLE No.** 89-ME-1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 89-ME-1 Sheet No. 2
Section
Date Begun
Date Finished
Date Logged
Lat.
Dep.
Bearing
Elev. Collar
Total Depth
Logged By
Claim
Core Size

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
			to C.A. diss Py approx 1% 47m - 48m	09914	36.5	38.1	1.6	950			
			the conglo as between 24 & 45 m.	09915	38.1	39.3	1.2	275			
				09916	39.3	40.7	1.4	2700	.080		
50.3	61.2	100%	Conglomerate as between 24-45 m. Two qtz	09917	40.7	41.8	1.1	1200	.041		
			stringers with center filled with Sb at 60-60.5	09918	41.8	43.2	1.4	65			
			Stringers are approx 2 cm and 1 cm wide at 45°	09919	43.2	44.6	1.4	70			
			to C.A.	09920	50.3	51.8	1.5	180			
				09921	51.8	53.0	1.2	2350	.070		
61.2	70.5	100%	Interbedded bleached light green to buff colrd.	09922	53.0	54.4	1.4	265			
			(ankeritic?) sandstone to mudstone 10 cm of	09923	54.4	55.7	1.4	1300	.040		
			conglomerate at 63 and 68 . Together less	09924	55.7	57.1	1.4	1650	.052		
			than 1% diss Py throughout Contact approx 80°	09925	57.1	58.5	1.4	1100	.037		
			to C.A.	09926	58.5	59.5	1.0	95			
				09927	59.5	59.9	0.4	5300	.158		
70.5	75		Grey black green volcanics with diss Py and	09928	59.9	60.6	0.7	2100	.062		
			Aspy Approx 1% v.f.g.	09929	60.6	61.4	0.8	3450	.105		
				09931	70.5	71.8	1.3	1350	.039		
75	85.5	100%	Mudstone bedding at 90° to C.A. Less than 1%								
			diss Py Calcite stringers less than 1 cm at								
			random orientations to C.A.								

DIAMOND DRILL RECORD

PROPERTY MINTO EXTENSTION **HOLE No.** 89-ME-1

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 89-ME-1 Sheet No. 3 Lat. Total Depth
Section Dep. Logged By
Date Begun Bearing Claim
Date Finished Elev. Collar Core Size
Date Logged

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE
85.5	87.6	100%	Conglomerate with mariposite. No visible Sx				
87.6	91.4	100%	Lt green, buff blackish volcanics No visible Sx. Contacts approx 80° to C.A.				
91.4	93.2	90%	Mudstone contact at 93m grading into a conglomerate.				
93.2	99.0	100%	Conglomerate with mariposite No visible Sx. Purple (hematite) stained 20 cm section at 95 and 98m Fragments orpebbles up to 8 cm wide.				
99.0	137.5	95%	Alternating purple green to buff volcanics with Chert/Argillite bands. All at more than 50° to C.A. Purple volcanics at 100-100.9, 103-103.9, 104.8-105 Green volcanics at 114-117, 130-131, 135-136. Buff ankerite?, volcs. at 107-109. Shear zone of remobilized volcs/seds at 119-120. Chert approx 40% and argillite 60% All rest of intersection Mineralization presnet except for less than 1% PY diss. E.O.H.				

DIAMOND DRILL RECORD

PROPERTY MINTO EXTENSION **HOLE No.** 89-ME-2

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-60°	

Hole No. 89-ME-2 **Sheet No.** 1
Section
Date Begun
Date Finished
Date Logged OCTOBER 25/89

Lat.
Dep.
Bearing
Elev. Collar

Total Depth 387'
Logged By J.M.T.
Claim MINTO EXT. 3
Core Size NQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
0	5	0%	CASING								
5	7	90%	Chert argillite approx 50/50 Bedding approx 70°								
			to C.A. Contact at 7m approx 70° to C.A.								
			not more than 1% diss Py								
				09851	12.1	13.5	1.4	2250	.067		
7	30	100%	Extremely siliceous conglomerate of qtz/chert	09852	30.3	30.6	0.3	5			
			fragments with chert with monor argillite from	09853	30.6	32.0	1.4	10			
			23 to 30m Less than 1% Py throughout	09854	32.0	33.5	1.5	5			
			Contact at 30° approx 80° to C.A.	09855	33.5	34.9	1.4	15			
				09856	34.9	36.2	1.3	130			
30	47.8	100%	Conglomerate Approx 1-2% diss Py with some Aspy	09857	36.2	37.6	1.4	220			
			Sb in qtz veining at 38m Vein is 10 cm (4")	09858	37.6	38.0	0.4	3000	.092		
			wide pebbles in congl. are rounded up to 8 cm	09859	38.0	38,8	0.8	590			
			wide. Pebbles are samdstone, argillite, chert	09860	38.8	40.3	1.5	685			
			serpentine and maripósite, Matrix 10% of conglo.	09861	40.3	41.7	1.4	35			
			Matrix is vfg black.grey mud.	09862	41.7	43.2	1.5	130			
				09863	43.2	44.6	1.4	135			
47.8	51.8	100%	Fine grained grey mudstone with approx 1-2% diss	09864	44.6	46.0	1.4	470			
			and striners of Py Contanct 80-90° tp C.A.	09865	46.0	47.4	1.4	20			
				09866	47.4	47.8	0.4	7750	.233		

DIAMOND DRILL RECORD

PROPERTY MINTO EXTENSION **HOLE No.** 89-ME-2

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 89-ME-2 Sheet No. 2
Section
Date Begun
Date Finished
Date Logged

Lat.
Dep.
Bearing
Elev. Collar

Total Depth
Logged By
Claim
Core Size

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
51.8	63.1	100%	Conglomerate same unit as between 30-48m	09867	51.6	53.0	1.4	4200	.124		
			No Sb seen Approx 5-10% Py Aspy between	09868	53.0	54.4	1.4	3550	.111		
			61-63m Contact at 63 at 80° to C.A.	09869	54.4	55.7	1.3	6250	.190		
				09870	55.7	57.1	1.4	5100	.154		
63.1	80.1	100%	Lt Green mudstone to sandstone Diss Py	09872	57.1	58.5	1.4	3700	.099		
			and sringers approx 1-2% Blebs, stringers and	09874	58.5	59.9	1.4	440			
			diss Py approx 10-15% from 74 - 75m	09876	59.9	61.2	1.3	780			
			Contact approx 80° to C.A.	09877	61.2	62.6	1.4	1450	.045		
				09879	62.6	63.7	0.6	25			
80.1	83.5	100%	Lt green to black volcs? or Sst? approx 2%	09880	73.4	74.8	1.4	1050	.038		
			diss euhedral small less than 2 mm Py	9882	81.7	82/9	1.2	385			
			Contact approx 80° to C.A.								
83.5	100.1	100%	Grey to black mudstone approx 1% diss Py								
			throughout Contact at 100m at 70° to C.A.								
100.	117.9	90%	Interbedded chert/argillite and volcanics								
			Bedding at approx 70° to C.A. Less than 1%								
			diss Py throught Volcs are buff, purple and								
			green in color. Bottomes in green volcs.								
			E.O.H.								

DIAMOND DRILL RECORD

PROPERTY MINTO EXTENSION **HOLE No.** 89-ME-3

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-45°	

Hole No. 89-ME-3 **Sheet No.** 1
Section
Date Begun
Date Finished
Date Logged OCTOBER 26, 1989
Lat.
Dep.
Bearing 090
Elev. Collar
Total Depth 434'
Logged By J.M.T.
Claim MINTO EXTENSITON #3
Core Size NQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
0	10.6	0%	CASING								
10.6	30.7	100%	CHERT Sch. at approx 60° to C.A. 20% grey/black argillite - 80% chert not less than 1% euhedral tiny (less than 1mm) Py.								
30.7	36.7	100%	Albitite dyke Contacts at 85° to C.A. No visible Sx 1.5' of argillite 80%/chert 20% at 35m.	09884	31.8	33.2	.37	5			
36.7	41.3	90%	Argillite 60%/chert 40% Fine graned pyrite less than 1%								
41.3	43.1	85%	Purple/lt green volcanics Calcite anygdules stringers at random orientations No. visinle Sx. Contacts ground.								
43.1	59.7	95%	Chert 70%/Argillte 30% fine grained Py less than 1% Schistasity approx 70° to C.A.	09886	59.7	60.0	0.30	25000	.645		

DIAMOND DRILL RECORD

PROPERTY MINTO EXTENSION **HOLE No.** 89-ME-3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 89-ME-3 Sheet No. 2
Section
Date Begun
Date Finished
Date Logged
Lat.
Dep.
Bearing
Elev. Collar
Total Depth
Logged By
Claim
Core Size

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
59.7	82.6	100%	Conglomerate Approx 1-2% diss and blebs of	09889	61.4	62.8	1.3	210			
			Py No Sb visable Pebbles in congl. are	09890	62.8	64.1	1.3	165			
			rounded up to 8 cm wide Lithology of pebbles	09893	64.1	65.5	1.4	240			
			are chert, Sst, argillite, Sert, mariposite	09894	65.5	67.0	1.5	5			
			Matrix is fine grained black/grey mud approx	09897	67.0	68.4	1.4	25			
			10% of core. Contact approx 60° to C.A.	09898	68.4	69.8	1.4	40			
				09899	69.8	71.1	1.4	2350	.085		
82.6	101.5	100%	Mudstone to Sandstone Diss Py approx 1% along	09900	71.1	72.5	1.4	1650	.056		
			fractures at approx 45° to C.A. Contact at	16454	72.5	73.9	1.4	115			
			101m approx 70° to C.A.	16455	73.9	75.3	1.4	5			
				16458	75.3	76.7	1.4	480			
101.5	103	100%	Lt green volcanics with approx 2% Py diss	16459	76.7	78.0	1.4	1050	.033		
			and blebs	16462	78.0	79.4	1.4	1550	.048		
				16463	79.4	80.8	1.4	1400	.041		
103	105	100%	Conglomerate same unit as between 59-83 m	16465	80.8	82.1	1.4	360.			
			Approx 1% diss Py contact at 80° to C.A.	16466	82.1	82.7	0.6	565			
				16468	103.2	104.2	1.0	160			
105	118.5	100%	Mudston to Sandstone with contact and bedding	16469	104.2	105	1 0.9	5			
			Approx 80° to C.A. Diss Py approx 1% on								
			fractures								

DIAMOND DRILL RECORD

PROPERTY MINTO EXTENSION **HOLE No.** 89-ME-3

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 89-ME-3 Sheet No. 3
Section
Date Begun
Date Finished
Date Logged

Lat.
Dep.
Bearing
Elev. Collar

Total Depth
Logged By
Claim
Core Size

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
118.5	132.3	100%	Chert/argillite interbedded Schistosity at								
			60-80° to C.A. One foot of albitite from								
			123-124m with contacts at 45° to C.A.								

DIAMOND DRILL RECORD

PROPERTY MINTO EXTENSION **HOLE No.** 89-ME-4

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-60°	

Hole No. 89-ME-4 **Sheet No.** 1
Section
Date Begun
Date Finished
Date Logged

Lat.
Dep.
Bearing
Elev. Collar

Total Depth 377
Logged By J.M.T.
Claim MINTO EXTENSION
Core Size NQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
0	3.6	0%	CASING								
3.6	7.0	80%	Green volcanics - andesite oxidized from surface exposure and ground water								
7.0	28.		Chert approx 80% argillite Approx 20% diss Py Throughout less than 1% Contact at 7 and 28 at 90° Schistosity at 60° to C.A.								
28	38.5	100%	Albitite dike No visible Sx Contact approx 80° to C.A. one foot of argillite at 36.2m	16473	36.7	33.	1.3	5			
38.5	44.8	90%	Chert approx 70% argillite approx 30% Schistosity approx 30° to C.A. Diss Py less than 1% throughout								
44.8	47.7	70%	Green/purple amygdaloidal (clacite) volcanics No visible Sx								
47.7	59.	90%	Chert approx 70% argillite approx 30% Schistosity approx 60° to C.A. diss pY less than 1% throughout	16475 16476	59 59.6	59.6 60.6	0.6 1.0	130 290			

DIAMOND DRILL RECORD

PROPERTY MINTO EXTENSION **HOLE No.** 89-ME-4

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. 89-ME-4 **Sheet No.** 2
Section
Date Begun
Date Finished
Date Logged

Lat.
Dep.
Bearing
Elev. Collar

Total Depth
Logged By
Claim
Core Size

METERS

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION
59	92	100%	Conglomerate Approx 102% diss. blebs Py with some Aspy No Sb visible Contact at 60° to C.A. Pebbles are up to 8 Cm wide and consist of sandstone, argillite, chert, serpentine and mariposite Matrix is approx 10% and is a balck/grey mud
92	114	100%	Mudstone to sandstone with bedding approx 80° to C.A. Diss Py less than 1% throughout
114	114.9	70%	Conglomerate Same unit as between 59 - 92 No Aspy Only 1% diss. blebs Py contacts approx 80° to C.A. E.O.H.

METERS

SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
16476	59.6	60.6	1.0	290			
16477	60.6	62.0	1.4	285			
16478	62.0	63.4	1.4	380			
16481	63.4	64.7	1.3	200			
16482	64.7	66.1	1.4	610			
16483	66.1	67.5	1.4	295			
16484	67.5	68.5	1.0	15			
16485	68.5	69.9	1.4	2700	.083		
16486	69.9	71.3	1.4	110			
16487	71.3	72.7	1.4	100			
16488	72.7	74.0	1.3	5			
16489	74.0	75.4	1.4	55			
16490	75.4	76.8	1.4	10			
16491	76.8	78.2	1.4	5			
16492	78.2	79.5	1.3	5			
16493	79.5	80.9	1.4	5			
16494	80.9	82.3	1.4	5			
16495	82.3	83.6	1.3	5			
16496	85.0	86.8	1.8	10			
16499	86.8	88.2	1.4	90			
16500	88.2	89.8	1.6	5			
16501	89.8	90.8	1,0	435			
16503	90.8	92.3	1.5	5			

DIAMOND DRILL RECORD

PROPERTY MINTO EXTENSION **HOLE No.** 89-ME-5

DIP TEST		
	Angle	
Footage	Reading	Corrected
0	-45°	

Hole No. 89-ME-5 **Sheet No.** 1
Section
Date Begun
Date Finished
Date Logged
Lat.
Dep.
Bearing
Elev. Collar
Total Depth 316
Logged By JMT
Claim MINTO EXT 3
Core Size NQ

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
0	3.0	0%	CASING	09932	5.7	7.3	1.5	5			
				09933	7.3	8.7	1.4	10			
3.0	6.4	95%	Extrememly siliceous conglomerate. Pebbles of	09934	8.7	10.1	1.4	1200	.038		
			chert and quartz with approx 2% diss Py	09935	10.1	11.4	1,3	800			
				09936	11.4	12.8	1.4	5			
6.4	46.3	100%	Conglomerate Pebbles of qtz, chert & sandstone	09937	12.8	14.3	1.5	5			
			argillite mariposite, etx. Diss py approx	09938	14.3	15.8	1.5	5			
			2% throughout with not less than 1% Aspy Pebbles	09939	15.8	17.2	1.4	5			
			up to 8-10 cm wide. Very little grey matrix	09940	17.2	18,5	1.3	5			
			approx 10% No. Sb visible. Contact at 6m ?? at	09941	18,5	20.0	1.5	5			
			46m. approx 75° At 39-40 qtz flooded with	09942	20.0	21.0	1.1	5			
			approx 5% Py, Aspy, vfg & diss. Pebbles are	09943	21.9	22.5	1.5	5			
			all rounded not angular	09944	22.5	24.0	1.5	5			
				09945	24.0	25.4	1.4	5			
				09946	25.4	26.8	1.4	10			
				09947	26.8	28,2	1.4	35			
				09948	28,2	29,5	1.3	5			
46.3	49.3	100%	Mudstone or siltone lt green to grey in	09949	29.5	30.9	1.4	5			
			color Small less than cm pebbles scattered	09950	30.9	32.3	1.4	15			
			throughout approx 10% less than 1% Py diss	09871	32.3	33.7	1.4	10			
			throughout Contact approx 75° to C.A.	09873	33.7	35.1	1.4	5			
				09875	35.1	36.5	1.4	5			
				09878	36.5	37.9	1.4	15			
				09881	37.9	39.0	1.1	20			
				09883	39.5	40.5	1.0	5			
49.3	71.6	100%	Same unit as between 6-46m as it is conglomerate	09885	40.5	41.7	1.2	5			
			with same characteristics. The contact at 49m.	16451	51.5	53.0	1.5	5			
			is 75°	16452	53.0	54.4	1.4	5			

DIAMOND DRILL RECORD

PROPERTY MINTO EXTENSION **HOLE No.** ~~89-ME-5~~

DIP TEST		
	Angle	
Footage	Reading	Corrected

Hole No. ME-89-5 **Sheet No.** 2
Section
Date Begun
Date Finished
Date Logged
Lat.
Dep.
Bearing
Elev. Collar
Total Depth
Logged By
Claim
Core Size

DEPTH FROM	DEPTH TO	RECOVERY	DESCRIPTION	SAMPLE No.	FROM	TO	WIDTH OF SAMPLE				
			but at 72 is approx 30° tO C.A. No Sb observed								
			Sx are vfg and diss approx 2% Py Aspy	16453	54.4	55.7	1.3	5			
				16456	55.7	57.1	1.4	25			
				~~16457~~	~~57.1~~	~~58.5~~	~~1.4~~	~~440~~			
71.6	78.4	100%	Purple approx 80% to lt green fine grained	16460	58.5	59.6	1.4	5			
			sandstone to mudstone no. Sx observed	16461	59.6	60.6	1.0	5			
				16464	60.6	62.0	1.4	25			
				16467	62.0	63.4	1.4	5			
78.4	83.8	100%	Lt green mudstone to vfg sandstone No. Sx	16470	63.4	64.8	1.5	5			
			observed at 83m approx 60° to C.A.	16471	64.8	66.1	1.4	25			
				16472	66.1	67.5	1.4	5			
				16474	67.5	69.0	1.5	5			
				16479	69.0	70.4	1.4	5			
83.8	87.3	100%	Buff colored to black volcanics with no	16480	70.4	71.8	1.4	10			
			visible Sx Contact at 87 m approx 80° to								
			C.A.								
87.3	96.8	100%	Black Mudstone to sandstone No visible Sc								
			1' section of conglomerate at 90 and 91m								
			less than 1% Py diss								
				09888	41.7	43.4	1.7	5			
				09891	43.4	44.6	1.3	60			
				~~09892~~	~~44.6~~	~~46.0~~	~~1.3~~	~~5~~			
			E.O.H.	09895	49.4	50.1	0.7	5			
				09896	50.1	51.5	1.4	5			

DIAMOND DRILL HOLE LOCATIONS
(SCALE 1:5000)

CROSS-SECTION LOOKING 000

SAMPLE Nº	FROM	TO	WIDTH	Au (ppb)	Au(oz/t)
09902	24.08	24.84	0.76	680	
09903	24.84	25.57	0.73	7500	0.228 } 0.12/2.29m
09904	25.57	27.13	1.56	2300	0.070 }
09905	27.13	28.93	1.80	175	
09906	28.93	29.57	0.64	340	
09907	29.57	31.09	1.52	350	
09908	31.09	32.31	1.22	1600	0.048
09909	32.31	33.68	1.37	130	
09910	33.68	33.99	0.31	1800	0.053
09911	33.99	34.45	0.46	2850	0.105
09912	34.45	35.21	0.76	100	
09913	35.21	36.58	1.37	1150	0.034
09914	36.58	38.19	1.61	950	
09915	38.19	39.32	1.13	275	
09916	39.32	40.70	1.38	2700	0.080
09917	40.70	41.89	1.19	1200	0.041
09918	41.89	43.29	1.40	65	
09919	43.29	44.66	1.37	70	

SAMPLE Nº	FROM	TO	WIDTH	Au (ppb)	Au(oz/t)
09920	50.3	51.8	1.5	180	
09921	51.8	53.0	1.2	2350	0.070
09922	53.0	54.4	1.4	265	
09923	54.4	55.8	1.4	1300	0.040
09924	55.8	57.1	1.3	1650	0.052
09925	57.1	58.6	1.5	1100	0.037
09926	58.6	59.5	0.9	95	
09927	59.5	59.9	0.4	5300	0.158 } 0.1/1.9m.
09928	59.9	60.6	0.7	2100	0.062 }
09929	60.6	61.4	0.8	3450	0.105 }

SAMPLE Nº	FROM	TO	WIDTH	Au (ppb)	Au(oz/t)
09853	30.3	30.6	0.3	5	
09852	30.6	32.0	1.4	10	
09854	32.0	33.5	1.5	5	
09855	33.5	34.9	1.4	15	
09856	34.9	36.2	1.3	130	
09857	36.2	37.7	1.5	220	
09858	37.7	38.1	0.4	3000	0.092
09859	38.1	38.9	0.8	390	
09860	38.9	40.3	1.4	685	
09861	40.3	41.8	1.5	35	
09862	41.8	43.2	1.4	130	
09863	43.2	44.7	1.5	135	
09864	44.7	46.0	1.3	470	
09865	46.0	47.4	1.4	20	
09866	47.4	47.9	0.5	7750	0.233

SAMPLE Nº	FROM	TO	WIDTH	Au (ppb)	Au(oz/t)
09867	51.7	53.0	1.3	4200	0.125 } 0.137/6.8m.
09868	53.0	54.4	1.4	3550	0.111 }
09869	54.4	55.8	1.4	6250	0.190 }
09870	55.8	57.2	1.4	5100	0.154 }
09872	57.2	58.5	1.3	3700	0.099 }
09874	58.5	59.9	1.4	440	
09876	59.9	61.2	1.3	780	
09877	61.2	62.6	1.4	1450	0.045
09879	62.6	63.2	0.6	25	

DDH 89-ME-2 (-60° at 090°)
DDH 89-ME-1 (-45° at 090°)
110 ppb Au
5 ppb Au
1050ppb Au (0.038oz/t Au)
385 ppb Au
350ppb Au (0.039oz/t Au)
E.O.H. 137.45 m.
E.O.H. 118 m.

LEGEND:

- A HORNBLENDE FELDSPAR PORPHYRY DIORITE DYKE
- B BASIC / ULTRABASIC DYKE
- C ULTRABASIC
- D FELDSPAR PORPHYRY DIORITE DYKE
- E QUARTZITE

LOWER CRETACEOUS TAYLOR CREEK GROUP

- 1a CHERT PEBBLE CONGLOMERATE (NOTE: grit sections consists of 1-2 mm chert clasts in fine grained sandy matrix)
- 2a MUDSTONE

MIDDLE TRIASSIC BRIDGE RIVER GROUP

- 1b CHERT
- 2 ARGILLITE
- 3 CHERTY ARGILLITE
- 4 GREENSTONE
- 5 DIORITE
- 6 SERPENTINIZED ROCK
- 7 LIMESTONE

SHEAR

STRIKE, DIP OF SHEAR OR VEIN

STRIKE, DIP

CONTACT, ASSUMED

MINERALIZED SHEAR ZONE
GREY GOUGED MATERIAL (1a) WITH FINE GRAINED, DISSEMINATED py, asp, +Sb AND Mar, QUARTZ FRAGMENTS AND VEINING.

list	LISTWANITE ALTERATION	Brecc	BRECCIATED
ank	ANKERITE	ep	EPIDOTE
serp	SERPENTINIZED	Py, Asp, Sb	PYRITE, ARSENOPYRITE, STIBNITE
Silic	SILICIFICATION	Mar	MARIPOSITE
calc	CALCITE	Feld	FELDSPATHIZED
hem	HEMATITE		

0 5 10 15 20 metres

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,843

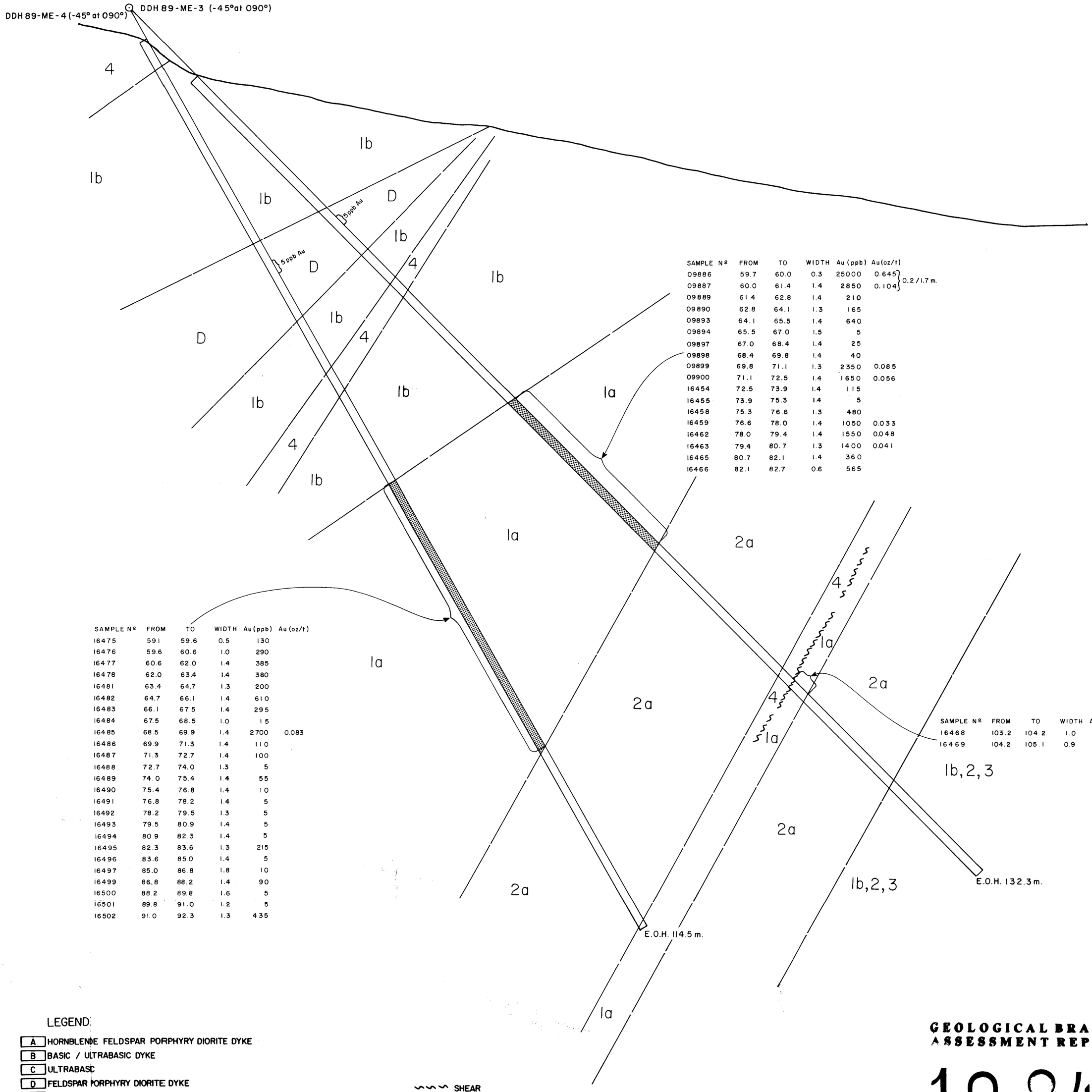
AVINO MINES AND RESOURCES LTD.

MINTO EXTENSION CLAIMS
LILLOOET MINING DIVISION, B.C.

DIAMOND DRILL HOLES
89-ME-1 & 89-ME-2

SCALE: 1:250	DATE: NOV. 15,1989	FIG.
N.T.S. 92J/15E	DRAWN: J.MILLER-TAIT/dw	

CROSS-SECTION LOOKING 000



SAMPLE Nº	FROM	TO	WIDTH	Au (ppb)	Au(oz/t)	
09886	59.7	60.0	0.3	25000	0.645	0.2 / 1.7 m.
09887	60.0	61.4	1.4	2850	0.104	
09889	61.4	62.8	1.4	210		
09890	62.8	64.1	1.3	165		
09893	64.1	65.5	1.4	640		
09894	65.5	67.0	1.5	5		
09897	67.0	68.4	1.4	25		
09898	68.4	69.8	1.4	40		
09899	69.8	71.1	1.3	2350	0.085	
09900	71.1	72.5	1.4	1650	0.056	
16454	72.5	73.9	1.4	115		
16455	73.9	75.3	1.4	5		
16458	75.3	76.6	1.3	480		
16459	76.6	78.0	1.4	1050	0.033	
16462	78.0	79.4	1.4	1550	0.048	
16463	79.4	80.7	1.3	1400	0.041	
16465	80.7	82.1	1.4	360		
16466	82.1	82.7	0.6	565		

SAMPLE Nº	FROM	TO	WIDTH	Au (ppb)	Au(oz/t)
16475	59.1	59.6	0.5	130	
16476	59.6	60.6	1.0	290	
16477	60.6	62.0	1.4	385	
16478	62.0	63.4	1.4	380	
16481	63.4	64.7	1.3	200	
16482	64.7	66.1	1.4	610	
16483	66.1	67.5	1.4	295	
16484	67.5	68.5	1.0	15	
16485	68.5	69.9	1.4	2700	0.083
16486	69.9	71.3	1.4	110	
16487	71.3	72.7	1.4	100	
16488	72.7	74.0	1.3	5	
16489	74.0	75.4	1.4	55	
16490	75.4	76.8	1.4	10	
16491	76.8	78.2	1.4	5	
16492	78.2	79.5	1.3	5	
16493	79.5	80.9	1.4	5	
16494	80.9	82.3	1.4	5	
16495	82.3	83.6	1.3	215	
16496	83.6	85.0	1.4	5	
16497	85.0	86.8	1.8	10	
16499	86.8	88.2	1.4	90	
16500	88.2	89.8	1.6	5	
16501	89.8	91.0	1.2	5	
16502	91.0	92.3	1.3	435	

SAMPLE Nº	FROM	TO	WIDTH	Au (ppb)	Au(oz/t)
16468	103.2	104.2	1.0	160	
16469	104.2	105.1	0.9	5	

LEGEND

- A — HORNBLENDE FELDSPAR PORPHYRY DIORITE DYKE
- B — BASIC / ULTRABASIC DYKE
- C — ULTRABASIC
- D — FELDSPAR PORPHYRY DIORITE DYKE
- E — QUARTZITE

LOWER CRETACEOUS TAYLOR CREEK GROUP

- Ia — CHERT PEBBLE CONGLOMERATE (NOTE: grit fections consists of 1–2 mm chert clasts in fine grained sandy matrix)
- 2a — MUDSTONE

MIDDLE TRIASSIC BRIDGE RIVER GROUP

- Ib — CHERT
- 2 — ARGILLITE
- 3 — CHERTY ARGILLITE
- 4 — GREENSTONE
- 5 — DIORITE
- 6 — SERPENTINIZED ROCK
- 7 — LIMESTONE

SHEAR

STRIKE, DIP OF SHEAR OR VEIN

STRIKE, DIP

CONTACT, ASSUMED

MINERALIZED SHEAR ZONE
GREY GOUGED MATERIAL (Ia) WITH FINE GRAINED, DISSEMINATED py, asp, +Sb AND Mar, QUARTZ FRAGMENTS AND VEINING.

list	LISTWANITE ALTERATION	Brecc	BRECCIATED
ank	ANKERITE	ep	EPIDOTE
serp	SERPENTINIZED	Py, Asp, Sb	PYRITE, ARSENOPYRITE, STIBNITE
Silic	SILICIFICATION	Mar	MARIPOSITE
calc	CALCITE	Feld	FELDSPATHIZED
hem	HEMATITE		

GEOLOGICAL BRANCH ASSESSMENT REPORT

19,843

0 5 10 15 20 metres

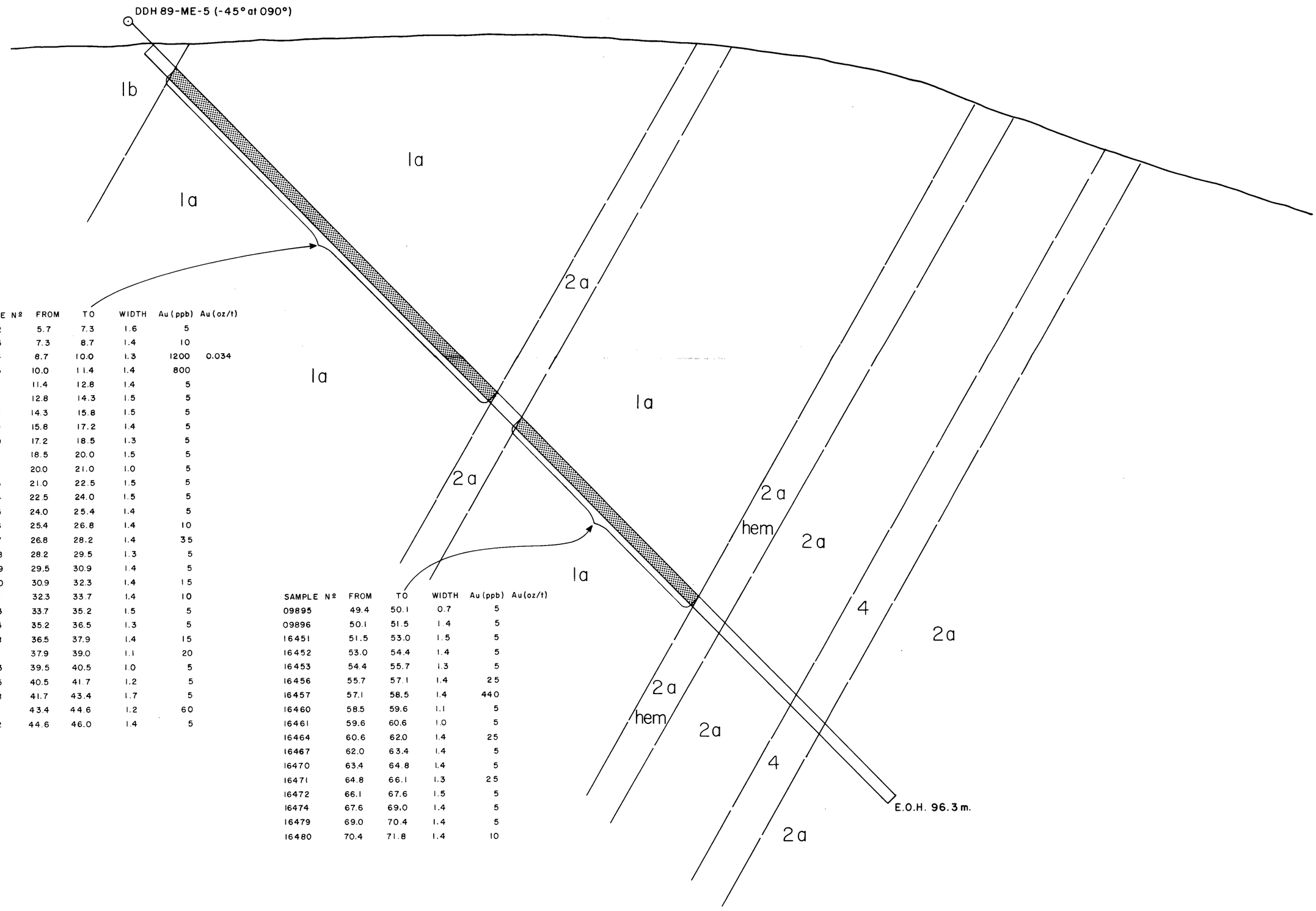
AVINO MINES AND RESOURCES LTD.

MINTO EXTENSION CLAIMS
LILLOOET MINING DIVISION, B.C.

DIAMOND DRILL HOLES
89-ME-3 & 89-ME-4

SCALE: 1:250	DATE: NOV. 15,1989	FIG.
N.T.S. 92J/15E	DRAWN: J.MILLER–TAIT/dw	

CROSS-SECTION LOOKING 000



SAMPLE Nº	FROM	TO	WIDTH	Au (ppb)	Au (oz/t)
09932	5.7	7.3	1.6	5	
09933	7.3	8.7	1.4	10	
09934	8.7	10.0	1.3	1200	0.034
09935	10.0	11.4	1.4	800	
09936	11.4	12.8	1.4	5	
09937	12.8	14.3	1.5	5	
09938	14.3	15.8	1.5	5	
09939	15.8	17.2	1.4	5	
09940	17.2	18.5	1.3	5	
09941	18.5	20.0	1.5	5	
09942	20.0	21.0	1.0	5	
09943	21.0	22.5	1.5	5	
09944	22.5	24.0	1.5	5	
09945	24.0	25.4	1.4	5	
09946	25.4	26.8	1.4	10	
09947	26.8	28.2	1.4	35	
09948	28.2	29.5	1.3	5	
09949	29.5	30.9	1.4	5	
09950	30.9	32.3	1.4	15	
09871	32.3	33.7	1.4	10	
09873	33.7	35.2	1.5	5	
09875	35.2	36.5	1.3	5	
09878	36.5	37.9	1.4	15	
09881	37.9	39.0	1.1	20	
09883	39.5	40.5	1.0	5	
09885	40.5	41.7	1.2	5	
09888	41.7	43.4	1.7	5	
09891	43.4	44.6	1.2	60	
09892	44.6	46.0	1.4	5	

SAMPLE Nº	FROM	TO	WIDTH	Au (ppb)	Au (oz/t)
09895	49.4	50.1	0.7	5	
09896	50.1	51.5	1.4	5	
16451	51.5	53.0	1.5	5	
16452	53.0	54.4	1.4	5	
16453	54.4	55.7	1.3	5	
16456	55.7	57.1	1.4	25	
16457	57.1	58.5	1.4	440	
16460	58.5	59.6	1.1	5	
16461	59.6	60.6	1.0	5	
16464	60.6	62.0	1.4	25	
16467	62.0	63.4	1.4	5	
16470	63.4	64.8	1.4	5	
16471	64.8	66.1	1.3	25	
16472	66.1	67.6	1.5	5	
16474	67.6	69.0	1.4	5	
16479	69.0	70.4	1.4	5	
16480	70.4	71.8	1.4	10	

LEGEND:

- A HORNBLENDE FELDSPAR PORPHYRY DIORITE DYKE
- B BASIC / ULTRABASIC DYKE
- C ULTRABASIC
- D FELDSPAR PORPHYRY DIORITE DYKE
- E QUARTZITE

LOWER CRETACEOUS TAYLOR CREEK GROUP

- 1a CHERT PEBBLE CONGLOMERATE (NOTE: grit sections consists of 1-2 mm chert clasts in fine grained sandy matrix)
- 2a MUDSTONE

MIDDLE TRIASSIC BRIDGE RIVER GROUP

- 1b CHERT
- 2 ARGILLITE
- 3 CHERTY ARGILLITE
- 4 GREENSTONE
- 5 DIORITE
- 6 SERPENTINIZED ROCK
- 7 LIMESTONE

SHEAR

STRIKE, DIP OF SHEAR OR VEIN

STRIKE, DIP

CONTACT, ASSUMED

MINERALIZED SHEAR ZONE
GREY GOUGED MATERIAL (1a) WITH FINE GRAINED, DISSEMINATED py, asp, +Sb AND Mar, QUARTZ FRAGMENTS AND VEINING.

list	LISTWANITE ALTERATION	Brecc	BRECCIATED
ank	ANKERITE	ep	EPIDOTE
serp	SERPENTINIZED	Py, Asp, Sb	PYRITE, ARSENOPYRITE, STIBNITE
Silic	SILICIFICATION	Mar	MARIPOSITE
calc	CALCITE	Feld	FELDSPATHIZED
hem	HEMATITE		

GEOLOGICAL BRANCH ASSESSMENT REPORT

19,843

0 5 10 15 20 metres

AVINO MINES AND RESOURCES LTD.

MINTO EXTENSION CLAIMS
LILLOOET MINING DIVISION, B.C.

DIAMOND DRILL HOLE
89-ME-5

SCALE: 1:250	DATE: NOV. 15,1989	FIG.
N.T.S. 92J/15E	DRAWN: J.MILLER-TAIT/dw	