RIVER GOLD MINES LTD.

DIAMOND DRILL LOGS - HOLE #99-60 TO 99-95

River Gold Mines Ltd.
P.O. Box 1520
127 Mission Road
Wawa, Ontario P0S 1K0

LIST OF ABBREVIATIONS AND SYMBOLS
FOUND IN DIAMOND DRILL HOLE LOGS

@	-	at
adj	-	adjacent
alt	-	altered
brech	-	brecciated
CA	-	core axis
carb	-	carbonate
cg	-	coarse grained
CC	-	cross cutting
chl	-	chloritized
CK	-	check fire assay
cm	-	centimetres
chalco	-	chalcopyrite
cpy	-	chalcopyrite
concen	-	concentration
dk	-	dark
diss	-	disseminated
EOH	-	end of hole
FA	-	fire assay
fol	-	foliation
fol^n	-	foliation
fg	-	fine grained
frac	-	fractured
FW	-	footwall
frag	-	fragments
gal	-	galena
gr	-	grained
grn	-	grain
hem	-	hematized/hematite
HW	-	hanging wall
lam	-	laminations
LC	-	lost core/lower contact
Intr.	-	intrusive
predom	-	predominantly
$\underline{\sim}$	-	approximately
m	-	metres
mm	-	millimetres
mg	-	medium grained
med	-	medium
mod	-	moderately
MET	-	metallic sieve assay
metall	-	metallic sieve assay
oblit	-	obliterated
py	-	pyrite
pot	-	potassic
prev	-	previous
phenos	-	phenocrysts
po	-	pyrrhotite
qtz	-	quartz
qv	-	quartz vein
ql	-	quartz laminations
Q	-	quartz
QC	-	quartz-calcite
string.	-	stringers
sil	-	silicified
silic	-	silicified
ser	-	sericite/sericitic
sz	-	shear zone
sphal	-	sphalerite
tr	-	trace
tourm	-	tourmaline
TCA	-	to core axis
UC	-	upper contact
U/C	-	uncut
V	-	vein
VG	-	visible gold
wk	-	weak
wkly	-	weakly
$\overline{w}$	-	with
w/	-	with

GEOLOGICAL LEGEND

OB — OVERBURDEN

11 — FELSIC INTRUSIVES
- 11a — Aphanitic
- 11b — Feldspar porphyritic

10 — MAFIC INTRUSIVES
- 10a — Diabase
- 10b — Green fine grained
- 10c — Black fine grained
- 10d — Feldspar porphyritic
- 10e — Sheared
- 10f — Gabbro

5 — DIORITE/QUARTZ DIORITE
- 5a — Coarse grained
- 5b — Medium grained
- 5c — Fine grained
- 5d — Sheared
- 5e — Brecciated
- 5f — Altered

4 — SEDIMENTARY ROCKS
- 4a — Greywacke
- 4b — Argillite
- 4c — Epiclastic ash tuff
- 4d — Chert
- 4e — Chlorite/sulfide iron formation
- 4f — Chlorite/oxide iron formation

2 — FELSIC VOLCANIC ROCKS
- 2a — Ash tuff
- 2b — Crystal tuff
- 2c — Lapilli tuff
- 2d — Sheared
- 2e — Flow

1 — MAFIC TO INTERMEDIATE VOLCANIC ROCKS
- 1M — Mafic Volcanics
- 1I — Intermediate Volcanics
  - a — Ash tuff
  - b — Crystal tuff
  - c — Feldspar porphyritic flow
  - d — Massive flow (p) pillowed
  - e — Sheared
  - f — fragmental
    - br — breccia
    - lap — lapilli
    - aggl — agglomerate

q — QUARTZ
- ql — laminated quartz
  - 0-25% (ql) eg. 5df(ql)
  - 25%-50% ql eg. 5dfql
  - >50% ql eg. ql5df
- qf — blue-grey quartz
- qg — sugary white quartz
- qh — white massive (bull) quartz
- qi — glassy quartz

MINERALIZATION

py	pyrite
po	pyrrhotite
cpy	chalcopyrite
sph	sphalerite
gal	galena
mo	molybdenite
gp	graphite
mt	magnetite
VG	visible gold

ALTERATION

ab	albite
bo	biotite
ca	calcite
cb	carbonate
chl	chlorite
hem	hematite
K	potassic
ser	sericite
Si	silicification
+	moderate
++	strong

STRUCTURE

— Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

7546 - 7589

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

CO-ORD N (20050) 9663.543
E (30495) 11434.290

D.D. HOLE NO. 99-60

	DEPTH	AZIMUTH	DIP
Collar	40	200	-46
	80	202.5	-45

COLLAR ELEV 4939.297

LOGGED Oct 02-03/99

STARTED Oct 01/99

COMPLETED Oct 02/99

* Mine Grid 11435.55 East, 9663.02 North

LENGTH 102 CORE SIZE BO

DRILLED BY Benoit MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690838 TWP. Pt. Isaacson

PURPOSE Definition ZONE 204

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	2	2	overburden, casing left in place						
Ilb	2	4.2		Feldspar porphyry, medium grey, massive fg with 20-30% 1-3 mm sub-hedral feldspar phenocrysts, local calcite fracture filling.						
IMa	4.2	9.8		Mafic Volcanic, ash tuff, dark grey, fine grained, massive, local 1-3% fine calcite ± qtz fracture filling. Contact sharp 65° to ca	<0.03		7546	12.0	12.4	0.4
					<0.03		7547	12.4	12.7	0.3
IMde	9.8	16.1		Mafic Volcanic, dark green grey, fine grained, moderately sheared, abundant fine calcite; chlorite - sericite - carbonate alt. throughout	<0.03		7548	12.7	13.0	0.3
					<0.03		7549	13.0	13.3	0.3
				12.5 - 13.0 - 25° - 30% white - grey qtz veining - rare to pyrite						

RIVER GOLD MINES LTD.

PROJECT: _____

DIAMOND DRILL RECORD

LENGTH _____ CORE SIZE _____

D.D. HOLE NO. 99-60

CO-ORD N _____ E _____

DRILLED BY _____ MACH NO. _____

	DEPTH	AZIMUTH	DIP
COLLAR ELEV			
LOGGED			
STARTED			
COMPLETED			

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				14.1 – 14.8 10-15% bxd white qtz-calcite veining						
11b	16.1	17.7	1.6	Felsic dyke, light grey, fine grained, 2-3% 1-2mm feldspar phenocrysts, tr py, minor <1% calcite stringers, well developed chill margins, contacts 65° to ca						
1Ma	17.7	30.4	12.7	Mafic-Intermed. ash Tuff, grey, fine grained, massive, local fine erratic calcite ± qtz stringers						
				– 20.9 – 21.1 sheared 50° to ca with 3cm qtz vein	<0.03		7550	30.4	30.8	0.4
					<0.03		7551	30.8	31.2	0.4
1Me	30.4	31.7	1.3	Mafic volcanic, dark green, moderate-well sheared, 10-15% qtz-calcite veining; chlorite-sericite alteration	0.41		7552	31.2	31.6	0.4
					<0.03		7553	31.6	31.9	0.3

Wawa Print & Litho Inc

RIVER GOLD MINES LTD.

PROJECT: _____

DIAMOND DRILL RECORD

D.D. HOLE NO. 99-60

CO-ORD N _____ E _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

DEPTH _____ AZIMUTH _____ DIP _____

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
11a	31.7	34.2		Felsic dyke, light grey, very siliceous, aphanitic, occasional minor ~ 1-2cm bleached sections, contacts sharp 45° to ca						
106	34.2	43.0		Mafic Intrusive, dark green, fine grained, massive, homogeneous, local minor fine calcite or rare qtz-calcite veinlet (1-2cm)						
I-M	43.0	55.0	12.0	Intermediate - Mafic Volcanics, medium grey, fine grained massive, (possible felsic intrusive); minor (1%) fine calcite stringers; rare trace pyrite						
106	55.0	59.3		Mafic Intrusive, dark green, fine grained, massive, 2-3% feldspar phenocrysts clusters; 1-2% calcite ± qtz stringers. tr pyrite						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

PROJECT: _____

DIAMOND DRILL RECORD

D.D. HOLE NO. 99-60

CO-ORD N _____ E _____

DEPTH _____ AZIMUTH _____ DIP _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
1Mc	59.3	61.3		2-Zone shear. Mafic Volcanic, moderately						
				sheared 50° tca, dark green, fine grained,	<0.03		7554	59.0	59.3	0.3
				- chlorite, alt pervasive, locally magnetic	<0.03		7555	59.3	59.7	0.4
				w 2 to 3mm pyrrhotite stringer @ 59.6m	<0.03		7556	59.7	60.0	0.3
				and local 1-3% diss po, py 60-60.4m	0.07		7557	60.0	60.3	0.3
					0.14		7558	60.3	60.6	0.3
				59.9-60.0 white massive qtz vein	<0.03		7559	60.6	60.9	0.3
				65° tca.	<0.03		7560	60.9	61.3	0.4
				60-60.4 10% qtz veining w 1-3% py,po	0.07		7561	61.3	61.6	0.3
				60.4-61.3 moderate shear with calcite						
				stringers defining foliation.						
1Mb	61.3	67.6		Mafic Intrusive, dark green, fine-med grained,						
				massive, well developed chill margins; rare						
				1mm calcite qtz stg - 1 per 1.5 meters.						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: _____

D.D. HOLE NO. 99-60

CO-ORD N _____ E _____

DEPTH _____ AZIMUTH _____ DIP _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Lme	67.6	73.4		2 zone shear; Mafic Volcanic, green-grey, fg, well sheared 65° tca, defined by numerous calcite stringers, 20-15% calcite stringers; rare white massive qtz vein; tr-0.5% py locally.						
					0.07	1/2 ft	7562	67.1	67.5	0.4
					0.07	≥	7563	67.5	67.9	0.4
					0.55	1	7564	67.9	68.3	0.4
					0.14	4	7565	68.3	68.6	0.3
					0.14		7566	68.6	69.0	0.4
				68.4-68.5 white massive qtz vein, 70° tca	<0.03		7567	69.0	69.4	0.4
					<0.03		7568	69.4	69.8	0.4
					<0.03		7569	69.8	70.2	0.4
				69.0 -2cm smokey qv.	<0.03		7570	70.2	70.6	0.4
				70.5 4cm white-grey qtz vein, massive, tr-1% py.						
				70.5 - 73.4 moderately sheared 5-7% calcite stringers - local tr pyrite.						

204

Wawa Print & Litho. Inc.

RIVER GOLD MINES LTD.

PROJECT: _____

DIAMOND DRILL RECORD

CO-ORD N _____ E _____

D.D. HOLE NO. 99-60

DEPTH _____ AZIMUTH _____ DIP _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
IIa	73.4	76.7		Felsic Intrusive; medium grey, fine grained to medium grained in centre part of dyke, very siliceous, massive, weak ghost foliation, 1-3% fine wisps calcite throughout; and up to 1% erratic qtz material, rare tr py	<0.03	4 x 4	7571	70.6	71.0	0.4
					.07	4	7572	71.0	71.4	0.4
					0.14	2	75 73	71.4	71.7	0.3
					0.41	2	75 74	71.7	72.0	0.3
					0.14		75 75	72.0	72.4	0.4
IIIe	76.7	80.1		2-Zone shear; Mafic Volcanics, medium-dark grey, fine grained, well sheared 55° tca, calcite stringers defines foliation, 7-8% calcite stringers, pervasive sericite alt,	<0.03		7576	72.4	72.8	0.4
					0.21		75 77	72.8	73.2	0.4
					0.14		7578	78.0	78.4	0.4
					<0.03		75 79	78.4	78.8	0.4
				- occassional local 1-2cm qtz stringers 3-5% to 79.6m	<0.03		75 80	78.8	79.2	0.4
					<0.03		75 81	79.2	79.5	0.3
					<0.03		75 82	79.5	79.8	0.3
				79.6-80.1 white massive Qtz vein, but grey at margins for 5cm. 70° tca	<0.03		75 83	79.8	80.1	0.3
					<0.03		75 84	80.1	80.4	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: _____

LENGTH _____ CORE SIZE _____

D.D. HOLE NO. 99-60

CO-ORD N _____ E _____

DEPTH _____ AZIMUTH _____ DIP _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
5df	80.1	82.4	2.3	Diorite, grey, well sheared, silicified, with 2-5% white massive qtz veins to 81.2m, sericite altered throughout; local crystal structure visible.	<0.03		7585	80.4	80.7	0.3
					<0.03		7586	80.7	81.0	0.3
					<0.03		75'87	81.0	81.3	0.3
					0.07		75'88	81.3	81.6	0.3
					<0.03		7589	81.6	81.9	0.3
				White massive qtz veins with grey coloured margins 80.4 to 80.6; 80.8 to 81.2m, usually 65-70° tca.						
				5cm qtz vein 81.4m						
5bf	82.4	102.0		Diorite, medium grained, massive, grey-white with local narrow shears 0.1-0.2m, occasional narrow 1-3cm white qtz vein, rarely with tourmaline.						

RIVER GOLD MINES LTD.

PROJECT: _____

DIAMOND DRILL RECORD

D.D. HOLE NO. 99-60

CO-ORD
N _____
E _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

DEPTH	AZIMUTH	DIP

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				Qtz veins with rugged contacts; 93.6-93.7; 94.6-94.7 w tourmaline; 95.9-96.0; and 5cm vein @ 100.5' with pyrrhotite at margins						
				100 EOH						

Wawa Print & Litho, Inc.

7501-7545

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 115 CORE SIZE BQ

CO-ORD N (20050) 9663.141 E (30495) 11434.145

D.D. HOLE NO. 99-61

DRILLED BY Forage Benoit MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine Site

CLAIM NO. 690838 TWP. Pt. Isacor

PURPOSE Definition ZONE 204

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4939.249	Collar	200	-60
LOGGED Oct 02/99	9m	200	-59.5
STARTED Sept 30/99	50m	202	-58.5
COMPLETED Oct 01/99	115	201	-58.0

Mine Grid 11435.55 East, 9663.50 North

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	2	2	Overburden, casing left in place						
Imd	2	2.5	0.5	Mafic Volcanic, med-dark grey fg, massive, local 5% calcite filled fractures, moderate surface weathering						
Ifb	2.5	5.3	1.8	Feldspar porphyry, medium grey, massive, 25-30% 1-3mm subhedral feldspar phenocrysts, contacts sharp 75° TCA						
Ima	5.3	35.6	30.3	Mafic ash tuff, medium-dark grey, fg, massive, local very fine 1mm qtz-calcite fracture filling, and occasional very poorly defined narrow 0.3 to 1.2' shears, very rare to pyrite						
				10.8-12.3 Poorly defined shear, 7-8% qtz-calc						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: _____

D.D. HOLE NO. 99-61

CO-ORD N _____ E _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

DEPTH	AZIMUTH	DIP

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				13.3 – 13.7 weakly silicified, 10-15% qtz vein material, tr-1% diss py.						
				29.8 - 29.9 ragged Qtz vein, tr pyrite						
				31.2 - 31.5' – minor qtz veining, two - 3cm qtz veins 80° to ca.						
				34.9 3 cm white qtz vein.						
lm/d	35.6	60.4	24.8	Mafic Volcanic, dark green-grey, fg, pillowed, massive, 1/1mm calcite stringers more common, and local 1-3 cm white qtz stringers, and occassional poorly defined shear 0.3-1.0m, contact with upper gradual; rare tr pyrite						
				38.8 - 39.5' – 10% white qtz stringers, weak shear 50° to ca						

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COLLAR ELEV _____

LOGGED _____

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COMPLETED _____

DEPTH	AZIMUTH	DIP

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				42.4 - 42.5 white massive qtz vein, 75° tca						
				42.7 - 42.8 white massive qtz vein - 75° tca						
				44.9 4 cm white-grey massive qtz calcite vein, 60° tca.						
				45.9 2 cm qtz veinlet						
				50.5 - 50.8 bleached section with 10% ragged qtz.						
				59.95 - 3 cm qtz vein 40° tca.						
Ima	60.4	76.6	16.2	Mafic Volcanic, ash tuff; dark green, massive, fine grained; local (1%) feldspar phenocrysts						

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RIVER GOLD MINES LTD.

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LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				- minor calcite fracture filling (1-2%), some tr py						
				74.9 - 75.2, sheared 50° to c.a. 7% qtz veining, 1-2% fine pyrite.						
Mc	76.6	90.5'		2 - Zone shear - mafic volcanic, dark green-grey, fg, shear moderate to about 78.2 m then intense to 90.0 m.	0.07		7501	77.4	77.7	
					0.89		7502	77.7	78.0	
					0.07		7503	78.0	78.3	
				- Shear 55° to c.a., well defined by abundant calcite stringers along shear planes.	0.14		7504	78.3	78.6	
					0.07		7505	78.6	78.9	
					0.07		7506	78.9	79.2	
				- local silicification defined by qtz veining.	<0.03		7507	79.2	79.5	
					<0.03		7508	79.5	79.8	
				- alteration, carbonate, chlorite, and dark biotite alt local enveloped silicified zones.	<0.03		7509	79.8	80.1	
					<0.03	[illegible]	7510	80.1	80.4	
					0.07	0.07	7511	80.4	80.6	

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: _____

D.D. HOLE NO.

CO-ORD N _____ E _____

DEPTH _____ AZIMUTH _____ DIP _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				-pyrite 1-3% and rare tr cpy within	29.21		75 12	80.6	80.9	0.3
				silicified zones, Sulphide content concentrates	0.27	H2O	75 13	80.9	81.2	0.3
				along qv - shear contacts	0.21	H2O	75 14	81.2	81.4	0.2
				76.6 - 78.0 - gradual more intense shear	<0.03		75 15	81.4	81.7	0.3
				78 - 78.2 felsic dyke - contacts broken,	<0.03		75 16	81.7	81.9	0.2
				10-15% qtz veins.	<0.03		75 17	81.9	82.3	0.4
					<0.03		75 18	82.3	82.6	0.3
				78.2 - 80.6 Intensely sheared, calcite stringers	<0.03		75 19	82.6	82.9	0.3
				abundant, 3cm white qtz stringer	0.07		75 20	83.0	83.3	0.3
				@ 80.2m, rare tr py	0.58		75 21	83.3	83.7	0.4
					0.07		75 22	83.7	84.0	0.3
				80.6 - 80.9 Smokey-grey qtz vein, well	0.96		75 23	84.0	84.3	0.3
				stained, up to 3% pyrite at contacts	0.82		75 24	84.3	84.6	0.3
				(core 1-2cm) vein 40° to ca.	0.79		75 25	84.6	84.9	0.3
				80.9 - 81.4 dark - Biotite? - alteration, 5%-7%	0.34		75 26	84.9	85.2	0.3
				local qtz - 1-2% py - diss.	1.37		75 27	85.2	85.6	0.4

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: _____

D.D. HOLE NO. 99.6

CO-ORD N _____ E _____

DEPTH _____ AZIMUTH _____ DIP _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				81.4 – 83.4 slightly variable → moderate-weak	0.07		7528	85.6	85.8	0.2
				alteration, with 3-5% minor	<0.03		7529	85.8	86.1	0.3
				local qtz and tr-1% pyrite	0.14		7530	86.1	86.4	0.3
				except 82.0 – 82.3 – 3-5%	0.14		75 31	86.4	86.7	0.3
				pyrite	0.75	40°	75 32	86.7	87.0	0.3
					0.27	60°	75 33	87.0	87.3	0.3
				83.4 – 84.5 dark brown – biotite alteration,	0.07		75 34	87.3	87.6	0.3
				moderate-well silicified, 7-8% qtz	<0.03		75 35	87.6	87.8	0.2
				veining with grey qtz vein 83.5-83.7	0.14		75 36	87.8	88.1	0.3
				with 5-7% pyrite. then 1-3% Py	<0.03		75 37	88.1	88.5	0.4
				83.7 – 84.5	<0.03		75 38	88.5	88.8	0.3
					<0.03		75 39	88.8	89.1	0.3
				84.5 – 87.8 mainly dark green chlorite alt'n	0.07		75 40	89.1	89.4	0.3
				abundant fine calcite parallel foliation	0.07		75 41	89.4	89.7	0.3
				85.5 – 85.6 smoky QV w/ 3% Py	0.07		75 42	89.7	90.0	0.3
				86.2 – 86.4 10% qtz stringers – tr Py	<0.03		75 43	90.0	90.3	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: _____

D.D. HOLE NO. 99-61

CO-ORD N _____ E _____

DEPTH _____ AZIMUTH _____ DIP _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				87.8 - 90.0 - dark-brown biotite alteration,	0.14		75'44	90.3	90.6	0.3
				local narrow 1-3 cm ragged qtz	0.07		75'45	90.6	90.9	0.3
				veinlets - magnetite locally						
				assoc w qtz stringers, trace py						
				90.0 - 90.5' Clear gradual transition to						
				massive volcanics						
Md	90.5'	94.2	3.7	Mafic Volcanic, grey-green, fine grained, massive,						
				3-5% erratic qtz-calcite; Contact w						
				2-zone shear gradual from 90-90.5m;						
Me	94.2	100.2	5.8	Mafic volcanic, green-grey, moderate-well						
				sheared 50° tca, defined by abundant fine						
				calcite, local minor 1-3% qtz wisps,						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: _____

LENGTH _____ CORE SIZE _____

CO-ORD N _____ E _____

D.D. HOLE NO. 99-61

DRILLED BY _____ MACH NO. _____

DEPTH	AZIMUTH	DIP

LOGGED BY _____

CORE STORED _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
56d	100.2	115'		Diorite, grey-white, medium grained, massive, local 1-2cm narrow white qtz veinlets 1-3% throughout,						
				56f - sheared diorite to 100.2 - 100.9 - abundant hairline calcite.						
				112.0 - 5cm white Qtz-tourmaline vein						
				115' EOH						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 72m CORE SIZE BQ

D.D. HOLE NO. 99-62

CO-ORD N (30475) 9659.989
E (20039) 11417.834

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690846 TWP. Pt Isaac

PURPOSE Definition ZONE 204

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4938.870	collar	199	-44
LOGGED Oct 03-04/99	15m	200	-44
STARTED Oct 03/99	66	203	-42.5°
COMPLETED Oct 02/99	Mine Grid 11+12.89 East,	9660.76 North	

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	3		Overburden, casing left in Place						
MVa	3	20		Mafic Volcanic, dark grey, massive, ash tuff?, fine grained; 1% hairline calcite/qtz fracture filling, chlorite sericite alteration						
				4.5 - 4.6 white massive qtz vein						
				4.7 3 cm grey white qtz vein.						
				11.9 - 12.3 Core broke blocky - fault zone						
				13.2 - 13.7 Core broken - blocky - gouge material in rubble - fault zone						
				16.3 to 17.5 Zbreccia with calcite matrix sub-parallel core axis, local gouge in breccia						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: _____

LENGTH _____ CORE SIZE _____

D.D. HOLE NO.

CO-ORD N _____ E _____

DEPTH _____ AZIMUTH _____ DIP _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				~19-20 m 0.5-1.0 m gouge sub parallel core axis, core blocky-broken, clay gouge material along fractures.						
IIa	20.	21.7		Felsic Dyke, medium light grey, aphanitic, siliceous, massive, low angle contacts ≥10° tca. Contacts picked are midpoint of contact.						
IIIa	21.7	32.3		Mafic Volcanic, dark green, fine grained, massive local weak foliation tca; variable 1-3% calcite stringers up to 10-15% where foliation present. Chlorite-sericite alt throughout.						
				27.0. 1cm qtz stringer						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: _____

D.D. HOLE NO.

CO-ORD N _____ E _____

DEPTH _____ AZIMUTH _____ DIP _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				30.9 – 32.3 Qtz – calcite vein about 1-2 cm thick sub parallel core axis, possibly defining fault + line. (minor gouge material).						
MD	32.3	41.2		Mafic Volcanic, grey-green, massive, fine grained, weakly bleached, fine fracture calcite throughout (2-3%), chlorite-sericite alt. very rare tr py						
MDe	41.2	53.0		Mafic volcanic, dark green, fg, variable sheared and massive, possibly 2-zone shear, shearing 0.2-0.5 m locally is defined by calcite stringers, rare local qtz veining, tr-1% py with chlorite + rare tr cpy						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

PROJECT: _____

DIAMOND DRILL RECORD

D.D. HOLE NO. 99-62

CO-ORD N _____ E _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

DEPTH _____ AZIMUTH _____ DIP _____

LENGTH _____ CORE SIZE _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				43.2 3 cm blue qtz & calcite vein with 2-3% pyrite	<0.03		7590	42.6	42.9	0.3
					<0.03		7591	42.9	43.3	0.3
					0.21		7592	43.3	43.6	0.3
				43.5 5 cm white qtz vein - massive	<0.03		7593	43.6	43.9	0.3
					0.14		7594	43.9	44.2	0.3
				44 - 45.7 weakly sheared 90° tca with 1 cm qtz stringers @ 44.8 m and 45.1 m + pyrite	<0.03		7595	44.2	44.6	0.4
					<0.03		7596	44.6	44.9	0.3
					<0.03		7597	44.9	45.2	0.3
					<0.03		7598	45.2	45.5	0.3
				45.7 - 50.7 mainly massive but local weak shear fabric over a couple of cm.	<0.03		7599	45.5	45.8	0.3
					<0.02		7632	48.0	48.3	0.3
					0.21		7633	48.3	48.6	0.3
				50.8 - 51.9 moderate to well shearing 55° tca; abundant (15-20%) fine calcite.	0.07		7634	48.6	48.9	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: _____

LENGTH _____ CORE SIZE _____

D.D. HOLE NO.

CO-ORD N _____ E _____

DEPTH _____ AZIMUTH _____ DIP _____

DRILLED BY _____ MACH NO. _____

LOGGED BY _____

CORE STORED _____

COLLAR ELEV _____

LOGGED _____

STARTED _____

COMPLETED _____

CLAIM NO. _____ TWP. _____

PURPOSE _____ ZONE _____

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				48.55 m 1cm qtz py vein with trace chalcopyrite.	0.07		76000	50.7	51.0	0.3
					0.14		7601	51.0	51.3	0.3
					1.30		7602	51.3	51.6	0.3
				51.4 - 51.6 80% qtz - calcite veining w 2-4% pyrite.	<0.03		7603	51.6	51.9	0.3
					<0.03		7604	53.4	53.7	0.3
					<0.03		7605	53.7	54.0	0.3
1Me	53	58.8		2 Zone shear; Mafic Volcanic, moderate to well sheared tca; local very abundant calcite, occasionally w minor qtz, carbonate, chlorite, sericite alteration; rare tr py	1.44	2 zone	7606	54.0	54.3	0.3
					0.07	North	7607	54.3	54.6	0.3
					1.17		7608	54.6	54.9	0.3
					<0.03		7609	54.9	55.2	0.3
					<0.03		7610	55.2	55.5	0.3
				54.3 4cm white qtz vein	<0.03		7611	55.5	55.8	0.3
					0.07		7612	55.8	56.1	0.3
				57.9 - 58.3 local qtz stringers (10%) usually 1-2 cm	<0.03		7613	56.1	56.4	0.3
					<0.03		7614	56.4	56.7	0.3
					<0.03		7615	56.7	57.0	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No.

Page _____ of _____

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
IIa/b	58.8	63.8		Felsic intrusive, light-medium grey, fine grained, very siliceous, mainly massive to weak foliation; calcite fracture control common	<0.03		7616	57.0	57.3	0.3
					0.27		7617	57.3	57.6	0.3
					0.14		7618	57.6	57.9	0.3
					<0.03		7619	57.9	58.2	0.3
					0.14		7620	58.2	58.5	0.3
					<0.03		7621	58.5	58.8	0.3
IMe	63.8	66.1		Mafic volcanic, dark green, fine grained, well sheared, local silicification as qtz stringers, calcite stringers along foliation, 20° to ca;	<0.03		7622	58.8	59.1	0.3
					<0.03		7623	59.1	59.4	0.3
					<0.03		7624	59.4	59.7	0.3
					<0.03		7625	59.7	60.0	0.3
				1mm py stringer @ 65.05m						
					<0.03		7626	64.6	64.9	0.3
				Blue qtz - 1 to cm @ 65.4, 65.5, and 65.9 to 66.0.	<0.03		7627	64.9	65.2	0.3
					<0.03		7628	65.2	65.5	0.3
					<0.03		7629	65.5	65.8	0.3
IIb	66.1	67.2		Felsic porphyry intrusive; reddish grey, fine grained, weak foliation, siliceous, tr py.	<0.03		7630	65.8	66.1	0.3
					<0.03		7631	66.1	66.4	0.3
				Contacts sharp @ 60° to ca.						
				amounts 2-3% feldspar phenocrysts,						
				minor calcite in local fracturing;						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No.

Page _____ of _____

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
5df	67.2	67.9		Diorite, grey-white, moderately sheared 50 to ca, calcite stringers common, weak crystal structure visible.						
5b	67.9	72.0		Diorite, grey-green white, medium-grained, massive, but local narrow 3-5 cm sections slightly sheared, pervasive chlorite alteration of mafic minerals, minor 1-3% calcite fracture controlled, — rare trace pyrite						
				72.0 EOH						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 101 CORE SIZE BQ

CO-ORD N(20039) 9660.248 E(30475) 11418.350

D.D. HOLE NO. 99-63

DRILLED BY Benoit MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690846 TWP. Pt Isaac

PURPOSE Definition ZONE 204

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4938.808	Collar	202	-63
LOGGED Oct 04/99	15m	203	-62.5°
STARTED Oct 03/99	51m	204	-61.0
COMPLETED Oct 03/99	101m	207	-59.5°
	Mine Grid	11+412.89 East	9660.76 North

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	2		Overburden, casing left in place.						
MMa	2	13.6		Mafic Volcanic, medium - dark grey, massive, fine grained, 2-3% fracture control calcite filling, rarely with qtz.						
Ilb	13.6	14.6		Felsic dyke, medium grey, very fine grained, light purple tint; about 1-3% 1-2mm feldspar phenocrysts						
MMd	14.6	66.9		Mafic Volcanic, dark green, grey, fine grained, massive but occasional weakly defined narrow shears 0.1 - 0.2 meter, fracture controlled calcite common rarely with minor white quartz; qtz stringers more common in narrow shears, chlorite pervasive, carbonate as fracture fill						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-63

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				rare fine pyrite						
				16.6 - 3cm qtz vein - blue grey - 65° tca						
				25.5 - 25.6 narrow shear 20% blue-qtz veining						
				31.3 - 31.7 weakly sheared, 5% qtz stringers						
				35.4 - 36.2 Felsic dyke, grey, fine grained,						
				massive, low angle contacts 25° tca						
					0.07		7635	46.4	46.7	0.3
				44.6 - 46.0 Felsic dyke, aphanitic, light grey,	<0.03		7636	46.7	47.0	0.3
				massive, contacts 40° tca,	<0.03		7637	47.0	47.3	0.3
				5-7% fracture controlled qtz-calcite,	0.07		7638	47.3	47.6	0.3
				& pyrite, + enclaves of mafic	0.07		7639	47.6	48.0	0.4
				volcanic 45.8 - 45.9.						
				46.7 - 47.7 - shear - moderate to well developed in						
				centre portion of shear 35° tca						
				two - 2cm qtz stringers @ 47.4m with						
				2% pyrite marginal to veinlets.						

RIVER GOLD MINES LTD

DDH No. 99-63

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				55.6 3 cm qtz-carbonate, white, tr py.						
				61.4-61.7 1-2% diss pyrite			-			
Imc	66.9	75.8		Mafic Volcanic, dark green to dark grey, fine grained, strong to intense foliation 40° to ca - alteration consists of carbonate as calcite stringers parallel foliation; dark brown probably biotite alt; and silicification as 7% to locally 10% qtz stringers throughout to 72 m then 2-4% to 75.8 m - mineralization trace to 2% pyrite usually assoc with biotite alt and qtz stringers and occasional pyrrotite marginal to qtz stringers or in fractures in qtz.						
					<0.03		7640	66.6	66.9	0.3
					<0.03		7641	66.9	67.2	0.3
					0.07		7642	67.2	67.5	0.3
					<0.03		7643	67.5	67.8	0.3
					<0.03		7644	67.8	68.1	0.3
					<0.03		7645	68.1	68.4	0.3
					<0.03		7646	68.4	68.7	0.3
					<0.03		7647	68.7	69.0	0.3
					<0.03		7648	69.0	69.3	0.3
				68.7-69.5 12-15% qtz stringers with 1-2% pyrite and pyrrhotite.	<0.03		7649	69.3	69.6	0.3
					<0.03		7650	69.6	69.9	0.3
					<0.03		7651	69.9	70.2	0.3
				71.1-72.0 10-12% 0.5-1.0 cm qtz stringers with trace -1% pyrite usually marginal to veining trace tr po.	<0.03		7652	70.2	70.5	0.3
					<0.03		7653	70.5	70.8	0.3
					<0.03		76541	70.8	71.1	0.3

RIVER GOLD MINES LTD

DDH No. 99-63

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				72.0 - 75.8 - local 2-4% narrow qtz stringers, dark green chlorite alteration throughout and fine calcite stringers, 1-2% pyrite disseminated but local concentrations 3-4% pyrite.	<0.03		7655	71.1	71.4	0.3
					<0.03		7656	71.4	71.7	
					<0.03		7657	71.7	72.0	
					<0.03		7658	72.0	72.3	
					<0.03		7659	72.3	72.6	
					<0.03		7660	72.6	72.9	
					<0.03		7661	72.9	73.2	
Qz	75.8	76.5'		Quartz vein, blue grey, smokey vein to 76.3 then white sugar vein 76.3 to 76.5' core angle 40° to ca	<0.03		7662	73.2	73.5'	
					<0.03		7663	73.5'	73.8	
					<0.03		7664	73.8	74.1	
					<0.03		7665	74.1	74.4	
					<0.03		7666	74.4	74.7	
Mf(q)	76.5	82.5		Mafic Volcanic, mainly dark grey, well foliated, chlorite-sericite altered with numerous calcite stringers, tr py but rare sections to 1%.	<0.03		7667	74.7	75.0	
					<0.03		7668	75.0	75.3	
					0.21		7669	75.3	75.5'	
					0.62		7670	75.5'	75.8	
					1.71		7671	75.8	76.10	0.3
				76.5 - 77.1 10-12% blue qtz stringers with 1-2% pyrite	0.27		7672	76.1	76.45'	0.35'
					1.03		7673	76.45'	76.80	0.35'
					1.58		7674	76.8	77.1	0.3
				81.3 - 81.6 15% white grey veins with trace pyrite.	0.89		7675'	77.1	77.4	0.3
					0.14		7676	77.4	77.7	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No.

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
1Mc	82.5	88.9		Mafic Volcanic, mainly dark grey green, well foliated 45°tca; minor 1-2% qtz stringers; calcite along foliation; alteration biotite, carbonate, sericite — rare trace pyrite.	0.21		7677	77.7	78.0	0.3
					0.62		7678	78.0	78.3	
					0.34		7679	78.3	78.6	
					0.14		7680	78.6	78.9	
					<0.03		7681	78.9	79.2	
					<0.03		7682	79.2	79.5	
				- shearing become less intense with depth.	<0.03		7683	79.5	79.8	
					<0.03		7684	79.8	80.1	
					<0.03		7685	80.1	80.4	
					<0.03		7686	80.4	80.7	
1Mdc	88.9	97.3		Mafic Volcanic, massive to weak local foliation, 5-7% erratic calcite, rare narrow 1-2cm qtz stringer 1 per 2 meters.	<0.03		7687	80.7	81.0	
					0.14		7688	81.0	81.3	
					<0.03		7689	81.3	81.6	
					0.14		7690	81.6	81.9	
					<0.03		7691	81.9	82.2	
5b	97.3	101		Diorite; medium grained, massive, white to green-grey coloured, patchy chlorite alteration. Occasional narrow 1 cm white qtz stringers (1 per meter) — trace 2.5% pyrite	<0.03		7692	82.2	82.5	
					<0.03		7693	82.5	82.8	
					0.21		7694	82.8	83.1	
					<0.03		7695	85.5	85.8	
					<0.03		7696	85.8	86.1	
					0.07		7697	86.1	86.4	
				101 EOH	0.07		7698	86.4	86.7	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No.

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
					<0.03		7699	86.7	87.0	
					0.14		7700	87.0	87.3	
					0.07		7701	87.3	87.6	
					<0.03		7702	87.6	87.9	

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 120 CORE SIZE BQ

CO-ORD N(20059) 9678.924 E(30475) 11424.561

D.D. HOLE NO. 99-64

DRILLED BY Benoit MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River

CLAIM NO. 690846 TWP. Pt Isacor

PURPOSE Definition ZONE 20f

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4939.559	collar	202	-60
LOGGED Oct 05/99	15	203	-59.5
STARTED Oct 04/99	51	204	-58.5
COMPLETED Oct 04/99	120	205	-56.0
	Hine Grid	11420.35 East	9679.315 North.

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	1.5	1.5	Overburden, casing left in place.						
Mfc	1.5	8.6		Mafic Volcanic, green-grey, fine grained, massive but local poorly developed shearing; minor (1-2%) calcite fracture control.						
				- chlorite sericite altered	0.14		7703	9	9.5	0.5
				- core moderately blocky-broken	0.21		7704	9.5	10.0	0.5
					<0.03		7705	10.0	10.5	0.5
					<0.03		7706	10.5	11.0	0.5
Mfc	8.6	12.9	4.3	Mafic Volcanic, similar to above but moderately sheared tca; calcite stringers defines foliation; minor matrix qtz.	<0.03		7707	11.0	11.5	0.5
					<0.03		7708	11.5	12.0	0.5
				9.6 - 10.0 40% ragged qtz material with calcite,						
				11.3 - 11.5 30% ragged white qtz.						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DIAMOND DRILL RECORD

DDH No. 99-64

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
MMd	12.9	37.5		Mafic Volcanic, dark green, fine grained, massive, 1-3% fracture control calcite stringers; - pervasive chlorite alteration - homogeneous - rare trace pyrite						
				27.7 - 28.3 - Mb - Feldspar porphyry dyke - medium grey, massive, 5-7% 1-2mm subhedral phenocrysts.						
MMdc	37.5	43.9		Mafic Volcanic, similar to above but moderate shearing fca; as defined by calcite stringers; chlorite pervasive, carbonate common throughout; local 0.1-0.2m white to grey massive qtz veins. - rare tr py usually marginal to qtz	<0.03		7709	37.1	37.4	0.3
					<0.03		7710	37.4	37.8	0.4
					<0.03		7711	37.8	38.1	0.3
					<0.03		7712	41.4	41.7	0.3
					0.07		7713	41.7	42.0	0.3
					<0.03		7714	42.0	42.3	0.3
					<0.03		7715	42.3	42.6	0.3
				37.6-37.8 white grey qtz veins, tr py marginal to veins, contacts 75° tca	<0.03		7716	42.6	42.9	0.3
					0.14		7717	42.9	43.2	0.3
				41.0-41.2 white-grey massive Qtz veins, 10-15% chlorite inclusions, tr py						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-64

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METRAGE FROM	METRAGE TO	METRES
				42-42.3 - 50% qtz vein material with Qtz-calcite vein 42.2-42.3, tr pyrite						
				43.6-43.9 40% ragged Qtz carbonate, white-grey						
IMd	43.9	93.3		Mafic Volcanic, dark green, fine grained, massive with 2-3% fracture control calcite, rarely with ± qtz. - minor weakly defined sheared sections from 0.2 to 1.5 metres - rare qtz-calcite-chlorite vein - trace pyrite usually with qtz-calcite - chlorite alt pervasive						
				50.5-50.6 Qtz-cal ragged w chlorite inclusions, tr pyrite						
				49.2-50.6 weakly sheared, calcite stringers more common						

RIVER GOLD MINES LTD

DDH No. 99-64

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				80.5 - 81.9 1/6 Feldspar porphyry, light grey-pink, very siliceous, 1-2% fine diss pyrite, contacts 70° tca						
				83.6 - 86 - 10d mafic intrusive, feldspar porphyritic, 8-10% ragged feldspar clusters.						
				89.1 - 90.8 10d Mafic porphyry intrusive, dark grey, fine grained with 20-25% subhedral feldspar phenocysts - massive, contacts 40° tca						
				90.8 - 91.5 weak-moderate Shear 40 tca with fine calcite stringers common.						
				92.6 - 93.3 weakly sheared as above						

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RIVER GOLD MINES LTD

DDH No. 99-64

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METRAGE FROM	METRAGE TO	METRES
Mafic	93.3	97.5'		Mafic Volcanic, brown grey, intensely sheared	<0.03		7718	93.1	93.3	0.3
	2 gouge Shear			40-45° tca, strong carbonate alt, and biotite	0.21		7719	93.3	93.6	
				alteration, with local blue grey qtz	2.13		7720	93.6	93.9	
				stringers common 15-20% and occasional	0.14		7721	93.9	94.2	
				larger blue grey qtz vein. Trace-1% py usually	0.69		7722	94.2	94.5'	
				marginal to qtz veins.	7.88	20.24/0.6	7723	94.5	94.8	
					33.60		7724	94.8	95.1	
				93.6 - 94.0 40% blue grey ragged qtz - 1% py	0.41		7725'	95.1	95.4	
					0.62	2.04/0.4	7726	95.4	95.7	
				94.4 - 95.1 65% blue grey qtz veins w/ py	2.13		7727	95.7	96.0	
				marginal to veining with qtz vein	2.19		7728	96.0	96.3	
				94.7 - 95.1 with 5-7 small pin head	1.17	5.4/1.2	7729	96.3	96.6	
				specks of visible gold.	3.70	7.1/1.2	7730	96.6	96.9	
					3.43		7731	96.9	97.2	
				95.1 - 96.2 Intensely sheared - brown-grey,	0.55		7732	97.2	97.5'	
				abundant calcite, 7-8% blue qtz stringers	0.07		7733	97.5	97.8	
					0.07		7734	97.8	98.1	
				96.2 - 96.8 Smokey grey to white quartz vein	<0.03		7735'	98.1	98.4	
				with 10% biotite / chlorite inclusions	1.78		7736	98.4	98.7	
				- trace pyrite.	0.07		7737	98.7	99.0	
					0.27		7738	99.0	99.3	
				96.8 - 97.5' 7-8% blue-gy qtz stringers	<0.03		7739	99.3	99.6	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-64

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
MVc	97.5'	109.1		Mafic Volcanic, mainly medium-dark green, well sheared 40° to ca, abundant carbonate (calcite) defines shear, patchy local brown biotite alteration						
				- occasional 0.1 to 0.2 m qtz calcite veins, usually white massive by with some ~~grey~~ smokey colour in quartz,						
				- trace pyrite						
				- alteration - chlorite, carbonate and local patchy biotite; weak silicification	<0.03		7740	99.6	99.9	0.3
					<0.03		7741	99.9	100.2	
					0.07		7742	100.2	100.5'	
				97.5 - 98.5 Mainly dark green chlorite + carbonate along foliation	1.17		7743	100.5'	100.8	
					0.07		7744	100.8	101.1	
					0.14	1.8 g/t over 50 cm	7745	101.1	101.4	
				98.5 - 98.6 White light grey qtz vein, tr py.	0.55		7746	101.4	101.7	
					0.34		7747	101.7	102.0	
				98.6 100.8 as 97.5 - 98.5 - dark green tr py	0.41		7748	102.0	102.3	
					0.41		7749	102.3	102.6	
				100.8 - 102.4 dark green but with patchy brown biotite alteration, 5-6% grey qtz stringer and qtz-calcite vein 100.9 - 101.3 tr to 1% pyrite marginal to vein;	0.27		7750	102.6	102.9	0.3

RIVER GOLD MINES LTD

DDH No. 99-64

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
fMe	102.4	107.7		Mafic Volcanic as above, but moderately sheared and less carbonate, 8-10% calcite stringers, with occasional minor qtz (1-3%)	0.41		7751	102.9	103.2	0.3
					0.07		7752	103.2	103.5	
					<0.03		7753	103.5	103.8	
					<0.03		7754	103.8	104.1	0.3
fMe	107.7	109.1		Mafic volcanic, well sheared 40 to ca; moderate-strong biotite alt and local silicification						
					<0.03		7755	106.2	106.5	0.3
					<0.03		7756	106.5	106.8	
				107.8-107.9 blue grey qtz vein w trace pyrite.	0.07		7757	106.8	107.1	
					0.07		7758	107.1	107.4	
					0.07		7759	107.4	107.7	
				107.9-108.3 10-15% blue grey qtz stringers - strong biotite alteration.	0.07		7760	107.7	108.0	
					0.14		7761	108.0	108.3	
					0.07		7762	108.3	108.6	
				108.9 3 cm grey qtz stringer, trace on margins	0.07		7763	108.6	108.9	
					<0.03		7764	108.9	109.2	
					<0.03		7765	109.2	109.5	0.3
mMe	109.1	118.7		Mafic Volcanic, mainly dark green, moderate well sheared, calcite stringers common, weak biotite to 110.7 m, rare trace pyrite.						
				115-115.4 and 116.4-116.6 weak biotite alt.						

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RIVER GOLD MINES LTD

DDH No.

Page _____ of _____

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				116.4 – 116.5 diorite dyke.						
				117 – 118.7 contact zone with diorite, about 30% diorite fragments? dyke throughout						
5b	118.7	120		Diorite; massive, dark green-white, medium grained, contact erratic.						
				120 EOH						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 75 CORE SIZE BQ

D.D. HOLE NO. 99-65

CO-ORD N (20038) 9670.044
E (30450) 11395.685

DRILLED BY Benoit D.D. MACH NO. 16

LOGGED BY C Hartley

CORE STORED Eagle River Mine

CLAIM NO. 6908416 TWP. Pt. Isaac

PURPOSE Definition ZONE 20f

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4937.479	Collar	210	-45°
LOGGED Oct 06/99	15	211	-45°
STARTED Oct 04/99	69	211	-44
COMPLETED Oct 05/99	Mine Grid	11389.32 East	9669.16 North

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	2	2	Overburden, casing left in place						
Mafic	2	45.5'		Mafic Volcanic, dark green, fine grained, mainly massive but weakly sheared to really moderately sheared, pervasive chlorite alt.						
				- calcite/carbonate normally as fracture controll but where shearing present defines shearing						
				- occasional 0.1 - 0.2 metre quartz-carbonate vein usually assoc with shearing, but not always, white massive, sugar texture in places.						
				- trace pyrite - normally marginial to veining						
				4.9 - 5.1 white massive Qtz-calcite.						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DIAMOND DRILL RECORD

DDH No. 99-65

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				7.9-8.3 - moderately sheared 50 tca, abundant calcite, minor (5-8%) ovngar qtz						
				9.1 - 9.2 Massive white qtz vein, calcite at margins						
				11.6 - 11.9 Moderate shear 50° tca, qtz-calcite stringers @ contacts, tr pyrite						
				13.4 & 13.9 -2 cm white qtz stringers						
				16.9-17.0 ragged Qtz-calcite vein + @17.6						
				18.5 to 29 m local very weak poorly defined shearing throughout, 7-9% calcite stringers, very rare white qtz stringer located @ 23 m, 26.1, 27.6						
				29-38.8 - Dark green massive - 1-2% calcite fracture controlled; 37.0 2cm qtz vein	1%	pyrite				
				37.4-38.1 - Mafic feldspar porphyry						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-65

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				38.8 - 40.7 Felsic porphyry dyke, dark purple colour, aphanitic with 2-3% 1mm feldspar phenocrysts						
				43.3 - 45.5 - 11d, Mafic porphyry intrusive, dark green, fine grained, 1-2% 1-3mm feldspar phenocrysts						
	45.5	56.8		2-Zone shear; Mafic Volcanic, green-grey & brown intensely sheared to ca, - abundant calcite defines foliation - biotite alteration common throughout - carbonate altered as calcite stringers - more to local good silicification as quartz veining - only trace sulphides - pyrite	2.26		7766	46.5	46.8	0.3
					0.21		7767	46.8	47.1	0.3
					0.07		7768	47.1	47.4	0.3
					<0.03		7769	47.4	47.7	0.3
					<0.03		7770	47.7	48.0	0.3
					0.07		7771	48.0	48.3	0.3
					0.07		7772	48.3	48.6	0.3
					0.69		7773	48.6	48.9	0.3
					1.03		7775	48.9	49.2	0.3
				45.5 - 48.2 mainly dark green with abundant calcite, some patchy biotite. - 3-5% blue qtz stringers - rare tr pyrite	0.75	10 Nuggets	7776	49.2	49.5	0.3
					0.96		7777	49.5	49.8	0.3
					0.82		7778	49.8	50.1	0.3
					0.14		7779	50.1	50.4	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-65

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
					0.48	↑ N	7780	50.4	50.7	0.3
				48.2 – 51.3 similar to above but more	1.37	N	7781	50.7	51.0	0.3
				intense biotite alteration and 10-12% blue	1.58	North	7782	51.0	51.3	0.3
				qtz stringers, trace pyrite marginal	0.27	↓	7783	51.3	51.6	0.3
				to veining	0.14		7784	51.6	51.9	0.3
					0.07		7785	51.9	52.2	0.3
				51.3 – 54.4 Mainly dark chloritic with	0.07		7787	52.2	52.5	0.3
				abundant calcite, minor 2-3%	0.07		7788	52.5	52.8	0.3
				qtz stringers	<0.03		7789	52.8	53.1	0.3
					<0.03		7790	53.1	53.4	0.3
				54.4 – 55.1 Biotite alteration increasing with	<0.03		7791	53.4	53.7	0.3
				12-15% blue-white qtz stringers	<0.03		7792	53.7	54.0	0.3
					<0.03		7793	54.0	54.3	0.3
				55.1 – 56.3 60-75% sugar white qtz +	0.21		7794	54.3	54.6	0.3
				calcite veins, with about 30% of veins	<0.03		7795	54.6	54.9	0.3
				as blue-grey qtz veins; very rare	<0.03		7796	54.9	55.1	0.2
				trace pyrite.	0.07		7797	55.1	55.4	0.3
					0.41		7798	55.4	55.7	0.3
				56.3 – 56.8 Mainly medium grey well sheared	0.27		7799	55.7	56.0	0.3
				volcanic - 5% white qtz.	0.07		7800	56.0	56.3	0.3
11a	56.8	57.2		Felsic dyke; light grey, fine grained, massive	<0.03		7801	56.3	56.6	0.3
				2-3% disseminated pyrite	<0.03		7802	56.6	57.0	0.4

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-65

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
1Mcf	57.2	64.9		Mafic Volcanic, intensely sheared 40° tca	<0.03		7803	57.0	57.3	0.3
	2 zone	sloan		weak patchy biotite alteration, pervasive	<0.03		7804	57.3	57.6	0.3
				chlorite and carbonate as calcite veinlets	<0.03		7805	57.6	57.9	0.3
				minor qtz veins and/or white-massive	<0.03		7806	57.9	58.2	0.3
				qtz veins up to 10 cm, very rare	<0.03		7807	58.2	58.5	0.3
				trace pyrite	<0.03		7808	58.5	58.8	0.3
					<0.03		7809	58.8	59.1	0.3
				59.9 – 60.0 } white massive qtz vein,	<0.03		7810	59.1	59.4	0.3
				and 64.6 – 64.9 }	<0.03		7811	59.4	59.7	0.3
					<0.03		7812	59.7	60.0	0.3
1Id	64.9	66		Mafic Intrusive, dark green, fine grained,	0.34		7813	60.0	60.3	0.3
				porphyritic, 3-5% 1-2 mm feldspar phenocrysts	0.41	4	7814	60.3	60.6	0.3
				contact steep @ 40° tca	0.07	20 south	7815	60.6	60.9	0.3
					0.07		7816	60.9	61.2	0.3
5bd	66	75		Diorite - grey-white, medium grained, massive,	0.07		7817	61.2	61.5	0.3
				local narrow 1 to 3 cm quartz-calcite	0.07		7818	63.0	63.3	0.3
				veins average 1 to 2 per meter.	<0.03		7819	63.3	63.9	0.6
				tr - 0.5% pyrite.	<0.03		7820	63.9	64.2	0.3
					<0.03		7821	64.2	64.5	0.3
				75.0 EOH	<0.03		7822	64.5	64.8	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

PROJECT: Eagle River

DIAMOND DRILL RECORD

D.D. HOLE NO. 99-66

CO-ORD N (20038) 9670.149
E (30450) 11395.792

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4937.479	collar	203	-60
LOGGED Oct 6-7/99	15	204	-60
STARTED Oct 5 /99	51	205	-59.5
COMPLETED Oct 6 /99	90	206	-57.5
	Mine Grid	11+389.32 East	9669.16 North

LENGTH 89 m CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690846 TWP. Pt Isaac

PURPOSE Definition ZONE 204

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	2	2	Casing, left in place						
IMd	2	45.3		Mafic Volcanic, green-grey, fine grained, massive, 2-5% fracture controlled calcite stringers, rare 1-3 cm white qtz-calcite veinlets - pervasive chlorite alteration - carbonate weak in fractures - very rare fine pyrite						
				3.9-4.0 Low angle 20° tca, white qtz calcite vein.						
				7.1-7.25 two - 4 cm white qtz-calcite veins						
				7.25-7.50 1/a Felsic dyke, light grey	35° tca					

RIVER GOLD MINES LTD

DDH No. 99-66

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				18-18.5' rugged white-grey qtz calcite vein.						
				26.6 - 2 cm qtz - calcite veinlet						
				35.5 - 40.4 f/mde; weak to local moderate shearing 40° to ca as defined by calcite stringers						
				38.6 - 2cm rugged grey qtz stringer						
				40.4 - 41.8 l/b - Felsic/Intermediate dyke, dark grey, moderate silicious, 2-3% 1-2mm feldspar phenocrysts						
					<0.03		7823	43.1	43.4	0.3
					0.89		7824	43.4	43.7	0.3
				43.5 - 43.8 50-60% rugged white grey qtz veining with minor (5%) calcite, +-1% pyrite	7.06		7825	43.7	44.0	0.3
					0.07		7826	44.0	44.3	0.3

RIVER GOLD MINES LTD

DDH No. 99-66

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
1Me	45.3	47.3		Mafic Volcanic, dark green, moderately sheared 50° tca, chlorite alteration pervasive; minor local grey qtz (2-3%) with local calcite + pyrite						
10d	47.3	51.0		Mafic dextrusive porphyry, dark grey, fine grained with 25-30% 2-4mm subhedral to euhedral feldspar phenocrysts. Contacts sharp 50° tca.						
					<0.03		7827	65.1	65.4	0.3
					<0.03		7828	65.4	65.7	0.3
1Mb	51.0	63.8		Mafic Volcanic (intrusive?) dark green, fine grained, massive, homogeneous, pervasive	<0.03		7829	65.7	66.0	0.3
				chlorite alteration - Very rare calcite	<0.03		7830	66.0	66.3	0.3
				stringers (<1%) - Contact sharp 50° tca	<0.03		7831	66.3	66.6	0.3
					<0.03		7832	66.6	66.9	0.3
1Me	63.8	71.5		2-Zone shear; Mafic Volcanic, intensely sheared 50° tca, patchy biotite alteration, calcite stringers abundant to common, local narrow 3-5 cm qtz veins (2-5%), rare trace py.						

RIVER GOLD MINES LTD

DDH No. 99-66

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				shear gradually more intense from 63.8 to 64.5 m.	<0.03		7833	69.0	69.3	0.3
					0.07		7834	69.3	69.6	0.3
					0.48		7835	69.6	69.9	0.3
				65.5' 3cm grey qtz vein	<0.03		7836	69.9	70.2	0.3
					<0.03		7837	70.2	70.5	0.3
				65.7 - 65.8 felsic dyke - porphyry	<0.03		7838	73.3	73.6	0.3
					0.07		7839	73.6	73.9	0.3
				69.5 - 70.1 10-15% white sugary to grey qtz veins with moderate biotite veining	0.48		7840	73.9	74.2	0.3
					<0.03		7841	74.2	74.5	0.3
					<0.03		7842	74.5	74.8	0.3
					<0.03		7843	74.8	75.1	0.3
				71.1 - 71.2 white massive qtz vein, ragged contacts	<0.03		7844	75.1	75.4	0.3
					<0.03		7845	75.4	75.7	0.3
					<0.03		7846	77.7	78.0	0.3
11a	71.5	76.8		Felsic intrusive, medium grey, fine grained, massive, moderately fractured with calcite fracture control common, locally with white grey quartz stringers, trace pyrite with qtz-calcite stringers	<0.03		7847	78.0	78.3	0.3
					<0.03		7848	78.3	78.6	0.3
					<0.03		7849	78.6	78.9	0.3
					<0.03		7850	78.9	79.2	0.3
					<0.03		7851	79.2	79.5	0.3
				71.2 - 71.3 white massive qtz vein irregular contact						

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RIVER GOLD MINES LTD

DDH No. 99-66

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				2 cm qtz stringers @ 73.9 and 74.0, + 74.2						
				74.9 – 75.05 80% grey white qtz veining with pyrite at margins						
					<0.03		7852	81.0	81.3	0.3
1Me	76.8	84.8		Mafic Volcanic, dark grey-brown, intensely sheared	<0.03		7853	81.3	81.6	
				40° tca; abundant calcite, moderate-	<0.03		7854	81.6	81.9	
				strong biotite alteration, local blue-	<0.03		7855	81.9	82.2	
				grey qtz stringers - overall 3-5% but	<0.03		7856	82.2	82.5	
				narrow veins up to 8 cm locally.	<0.03		7857	82.5	82.8	
				tr-0.5% diss py.	<0.03		7858	82.8	83.1	
					<0.03	↑	7859	83.1	83.4	
				78.6 8 cm blue-grey qtz vein.	<0.03		7860	83.4	83.7	
					2.06	6.55	7861	83.7	84.0	
				81–84 5-7% local blue-grey 1 to 2 cm	11.04	0.6	7862	84.0	84.3	
				qtz stringers	0.41	↓	7863	84.3	84.6	0.3
						20° 4 cm 50° vn				
10b	84.8	89.0		Felsic Intrusive to intermediate intrusive, fine						
				grained with 3-5% feldspar phenocrysts;						
				medium grey coloured - tr py.						
				89 EOH						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-67

CO-ORD N 19935 E 30500

COLLAR ELEV 4945

LOGGED Oct 9-10/99

STARTED Oct 8 199

COMPLETED Oct 9/99

DEPTH	AZIMUTH	DIP
collar	200	-60
15	201	-59.0
54	202	-58.0
110	204	-55.0
Mine Grid	11397.28 East	9554.94 North

LENGTH 111 CORE SIZE BQ

DRILLED BY Benoit D.D. MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine Site

CLAIM NO. 690838 TWP. Pt. Isacor

PURPOSE Expl ZONE 203 - Papa D

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	2.5		Casing, left in place						
Sbdf	2.5	33.9		Diorite, grey, medium grained, massive but local narrow 0.1-0.5' m weakly sheared sections; alteration predominantly sericite/chlorite - very rare white glassy narrow qtz veining average 1 per 4 or 5 meters						
				7.8 3-4cm ragged glassy Qtz vein						
				18.1 - 19.8 - 1/6 Mafic Dyke, fine grained, dark green, sheared contacts 50 tca with minor calcite stringers.						

RIVER GOLD MINES LTD

DDH No. 99-67

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				19.8 - 33.2 Mainly - medium to coarse grained diorite with local 0.1 - 0.3 meter sections of mafic intrusives @ 23.4 to 23.7 ; 24.4 to 24.75 and 29.3 to 29.6 and with local 0.1 - 0.3 weakly sheared & altered sections; one or two sections per 3 meters						
				Becomes progressively more altered + sheared 30.0 - 32.9						
Sdf	32.9	37.1		Diorite, grey, mainly strongly sheared & with chlorite/sericite alteration pervasive but local 0.1 to 0.3 m sections moderately sheared & altered especially 34.1-34.5 and 34.9-35.0 - minor ragged qtz - white to glassy						

RIVER GOLD MINES LTD

DDH No. 99-67

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
1Mdc	37.1	39.6		Mafic Volcanic, dark grey, weakly foliated 40° tca - minor 2-4% fine calcite stringers - medium grey from 38.5 to 39.6						
1Ma	39.6	41.8		Intermediate to felsic intrusive dyke. mainly dark grey coloured, but very siliceous, aphanitic, massive, hard >6. contacts steep 50° tca						
1Mc	41.8	42.7		Mafic Volcanic, green-grey, strongly sheared, 10-12% calcite stringers, with minor white sugar qtz (1-3%), contacts 50°						
1Db	42.7	44.4		Mafic to intermediate intrusive dyke, med-dark grey, fine grained, massive, moderately siliceous.						
1Md	44.4	56.9		Mafic Volcanic, dark grey-green, fine grained, massive, moderate silicification, hard ±6, local (1-2%) narrow 1-2mm qtz stringers erratic throughout, calcite minor constituent of rivulet						

RIVER GOLD MINES LTD

DDH No. 99-67

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				44.4 - 45.1 - 40% ragged grey-white - glassy Qtz						
				50.8 - 51.1 30% ragged glassy qtz						
				54.8 - 54.9 Mafic dyke 65° tca						
				55.4 - 56.9 moderately sheared, 7-8% calcite veining						
I/a	56.9	70.1		Felsic intrusive dyke; grey, aphanitic, massive, very siliceous, 3-5% mainly fracture control qtz filling with minor calcite. - homogenous.						
				65.3 - 65.5 Grey-glassy qtz vein 40° tca. minor calcite @ contacts.						
I/me	70.1	70.4		Mafic Volcanic, well sheared 50° tca, 15-18% calcite ± qtz veining, silicified, carbonatized	<0.03		8005	69.7	70.0	0.3
					<0.03		8006	70.0	70.4	0.4
					<0.03		8007	70.4	70.8	0.4
I/a	70.4	70.9		Felsic intrusive as above but weakly sheared.	<0.03		8008	70.8	71.1	0.3
					0.34	↓	8009	71.1	71.45	0.35
					0.07	↓	8010	71.45	71.80	0.35

RIVER GOLD MINES LTD

DIAMOND DRILL RECORD

DDH No. 99-67

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
1Me	70.9	71.6		Mafic volcanic, dark brown, well foliated f.c.a, strong biotite alteration, 10-15% calcite veining + 5-7% grey qtz stringers, —trace py po.	0.14		8011	74.4	74.7	0.3
					0.14		8012	74.7	75.0	0.3
					0.07		8013	75.0	75.3	0.3
					<0.03		8014	75.3	75.6	0.3
					0.14		8015	75.6	75.9	0.3
11a	71.6	73.7		Felsic - Intermediate dyke, grey, aphanitic, weakly foliated, calcite fracture ± qtz filling.	0.07		8016	75.9	76.2	0.3
					<0.03		8017	76.2	76.5	0.3
					0.14		8018	80.4	80.7	0.3
					0.14		8019	80.7	81.0	0.3
1Me	73.7	89.4		Mafic Volcanic, grey-brown, intensely sheared	0.07		8020	81.0	8.3	0.3
203 shear				55° l.c.a; abundant calcite stringers ~20-22%,	<0.03		8021	81.3	81.6	0.3
				locally with white sugar qtz,	<0.03		8022	81.6	81.9	0.3
				pervasive chlorite/carbonate alt. with	<0.03		8023	81.9	82.3	0.4
				patchy biotite alt.	<0.03		8024	82.3	82.5	0.2
				rare tr py po	<0.03		8025	82.5	82.8	0.3
					<0.03		8026	82.8	83.1	0.3
				81.2 - 81.6 Qtz-Carbonate vein, white sugar texture, tr py	<0.03		8027	84.8	85.1	0.3
					0.14	↓	8028	85.1	85.4	0.3
						↓				
				82.2 - 82.3 Glassy-white qtz vein, tr py po at margins		↓				

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-67

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				82.7 – 3 cm white qtz stringer		↑				
				85.4 – 85.65 White sugar texture qtz – carbonate vein, tr po py at margins	37.85		8029	85.4	85.8	0.4
					0.07	0.2	8030	85.8	86.1	0.3
					1.44	↑	8031	86.1	86.4	0.3
					<0.03		8032	86.4	86.7	0.3
				88.25 – 88.50 Qtz – carbonate vein, 20% chlorite inclusions, tr po, py, vein 65° tca	0.14		8033	86.7	87.0	0.3
					0.07		8034	87.0	87.3	0.3
					0.07		8035	87.3	87.6	0.3
					<0.03		8036	87.6	87.9	0.3
				88.50 – 89.4 shearing gradually becoming less intense to finally massive mafic volcanic between 89 to 89.4 m.	<0.03		8037	87.9	88.2	0.3
					<0.03		8038	88.2	88.5	0.3
					<0.03		8039	88.5	88.8	0.3
					0.14		8040	88.8	89.1	0.3
Imd	89.4	102		Mafic Volcanic, medium green-grey, fine grained massive, minor (2–3%) fracture control calcite stringers						
				98.5 – 3 cm white qtz – calcite vein						

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RIVER GOLD MINES LTD

DDH No. 99-67

Page _____ of _____

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				99.5 - 99.9 11b - Feldspar porphyry dyke, grey, siliceous, 10-15% subhedral phenos.						
11a	102.0	102.6		Felsic dyke, grey, very fine grained/aphanitic, massive, siliceous, contacts 65° tca						
11b	102.6	105.3		Mafic intrusive, dark green, fine/medium grained, massive, contacts sharp 50° tca, well developed chill margin @ 92.6.						
11d	105.3	111.0		Mafic Volcanic, medium green, fine grained, massive as above, 2-3% calcite fracture fill,						
				110 - 111 - moderately sheared 40° tca, 10-12% calcite stringers						
				111 EOH						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 59m CORE SIZE BQ

D.D. HOLE NO. 99-68

DRILLED BY Beno. t DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690838 TWP. Pt. Isacor

PURPOSE Expl ZONE 203 (Page "D")

CO-ORD		DEPTH	AZIMUTH	DIP
N	19910N			
E	30500	Collar	202	-45
COLLAR ELEV	1945	21	202	-44
LOGGED	Oct 8/99	59	206	-42.5
STARTED	Oct 06/99			
COMPLETED	Oct 07/99	Mine Grid	11387.95 East	9531.75 North

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
	0	2.5		Overburden						
Mfd	0	24.9		Mafic Volcanic, grey-green, fine grained, massive, local pillow selvages, minor (1-3%) calcite fracture filling, homogeneous.						
				19.5-20.9 - weakly sheared, 5-7% white qtz calcite						
					<0.03		7905	28.2	28.5	0.3
Mfc	24.9	30.5		Mafic Volcanic, as above but moderately sheared 50 to ca; moderate increase in carbonate - 7-8% except 28.5-30.3 well sheared 50° to ca with 10-15% qtz calcite veining, 4cm grey qtz vein @ 29.6m	<0.03		7906	28.5	28.8	0.3
					<0.03		7907	28.8	29.1	0.3
					<0.03		7908	29.1	29.4	0.3
					<0.03		7909	29.4	29.7	0.3
					<0.03		7910	29.7	30.0	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-68

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Mdc	30.5	34.6		Mafic Volcanic, grey-green, weakly sheared to massive, 1-2% calcite veining						
					0.07		7911	34.5	34.8	0.3
					<0.03		7912	34.8	35.1	
Mc	34.6	36.5		Mafic Volcanic, medium grey-green, well sheared 40° to ca, defined by abundant calcite	0.21		7913	35.1	35.4	
					0.27		7914	35.4	35.7	
				stringers; minor white grey qtz (2-4%)	<0.03		7915	35.7	36.0	
					<0.03		7916	36.0	36.3	
					<0.03		7917	36.3	36.6	
IDb	36.5	42		Mafic Intrusive, dark green, fine grained,	<0.03		7918	36.6	36.9	
				massive, 2%-3% local calcite	<0.03		7919	36.9	37.2	
				fracture filling	<0.03		7920	37.2	37.5	
					<0.03		7921	37.5	37.8	
				38.1-38.2 massive white grey	<0.03		7922	37.8	38.2	
				qtz vein, ragged contact.	<0.03		7923	38.2	38.5	0.3
Ilb	42	42.5		Felsic porphyry intrusive, reddish grey,						
				very fine grained with 8-10% feldspar phenos						
				contacts 55° to ca						
Ilb	42.5	45.9		Mafic Intrusive, dark green, massive, fine-med						
				grained, abundant fine leucoxene.						

RIVER GOLD MINES LTD

DDH No. 99-68

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
1Mde	45.5	51.0		Mafic Volcanic moderately to weakly sheared 50° tca, medium green-grey-fg, very rare trace pyrite.						
				45.5 - 46.6 moderately sheared - 10-15% calcite along foliation;						
				46.6 - 51.0 weakly sheared to massive, minor calcite stringers, 3-5%, and less than 1% white-grey qtz.						
1Mb	51.0	57.4		Mafic Intrusive, dark green, fine grained massive, rare minor white-qtz calcite fracture controlled.						
1Mc	57.4	59.0		Mafic Volcanic, medium grey-green, fine grained, moderate shearing 50° tca, 10-15% calcite along foliation.						
				59.0 = EOH						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-69

CO-ORD N 19910 E 30500

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4945'	Collar 21	202 203	-61.5°
LOGGED Oct 07/99	75	204	-59.0
STARTED Oct 06/99			
COMPLETED Oct 06/99	Mine Grid	11387.95 East	9531.746 N/S

LENGTH 75 m CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River

CLAIM NO. 690838 TWP.

PURPOSE Expl ZONE 203 - (Pa.pa D)

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	2	2	Overburden - casing left in place						
MVd	2	35.6		Mafic Volcanic, dark green-grey, fine grained massive, pervasive chlorite alt. - calcite fracture fill - 2-4% - some ragged white quartz-calcite vein material. - trace pyrite usually with Qtz-calcite						
				5.6 - 6.0 30% ragged white qtz-calcite						
				6.3 - 10.7 Felsic dyke - light grey massive						
				7.7 - 8.1 10-15% ragged white qtz-weakly bleached						
				10.7 - 10.8 Altered contact with mafic Volcanic - 7-8% white qtz						

RIVER GOLD MINES LTD

DDH No. 99-69

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				29.7 - 30 30% ragged white qtz calcite	<0.03		7864	42.9	43.2	0.3
					<0.03		7865	43.2	43.5	
					<0.03		7866	43.5	43.8	
					<0.03		7867	43.8	44.1	
1Me	35.5	41.3		Mafic Volcanic, fine grained, grey-green, intensely sheared, 10-15% calcite stringers steeper foliation 40° to ca, minor white qtz (2-4%) locally esse with veining,	<0.03		7868	44.1	44.4	
					<0.03		7869	44.4	44.7	
					0.07		7870	44.7	45.0	
					0.14		7871	45.0	45.3	
					<0.03		7872	45.3	45.6	
					<0.03		7873	45.6	45.9	
					<0.03		7874	45.9	46.2	
1Me	41.3	49.8		Mafic Volcanic, dark brown-grey, intensely sheared 40° to ca, strong biotite alteration, and 20-25% calcite stringers with local 5-7% patchy blue qtz veins,	0.07		7875	46.2	46.5	
					0.14		7876	46.5	46.8	
					<0.03		7877	46.8	47.1	
					0.07		7878	47.1	47.4	
					0.21		7879	47.4	47.7	
				48.7 4cm white qtz-calcite vein.	0.07		7880	47.7	48.0	
					0.14		7881	48.0	48.3	
11b	49.8	51.4		Feldspar porphyry intrusive, medium light grey, siliceous, very fine grained, weak foliation 25° to ca, contacts	0.07		7882	48.3	48.6	
					0.07		7883	48.6	48.9	
					<0.03		7884	48.9	49.2	0.3

RIVER GOLD MINES LTD

DDH No. 99-69

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
106	51.4	56.5		Mafic intrusive, dark green, fine grained, fine grained, weak to becoming moderately sheared 50° to ca. 7-8% calcite stringers. Contact 30° to cc	<0.03		7885	56.1	56.4	0.3
					0.62		7886	56.4	56.7	
					0.27		7887	56.7	57.0	
					1.78		7888	57.0	57.3	
					1.58		7889	57.3	57.6	0.3
					———		7890	NO	Sample	
1 Mafic	56.5	61.6		Mafic Volcanic, brown-green, intensely sheared/foliated 35-40° to ca; abundant (20-30%) calcite stringers define foliation, locally with grey-white qtz to occasionally blue qtz tr py usually marginal to	1.85		7891	57.6	57.9	0.3
					0.48		7892	57.9	58.2	
					0.75		7893	58.2	58.5	
					<0.03		7894	58.5	58.8	
					1.44 veins		7895	58.8	59.1	
					4.39		7896	59.1	59.4	
				56.6 - 57.0 70% white grey qtz veins, tr py	1.37		7897	59.4	59.7	
					0.69		7898	59.7	60.0	
					<0.03		7899	60.0	60.3	
				57.0 - 59.4 variable 5-10% white-grey to occasional bluish qtz veining, tr py	<0.03		7900	60.3	60.6	0.3
					0.07		7901	60.6	60.9	
					0.41		7902	60.9	61.2	
				59.4 - 59.6 white grey qtz vein, tr py	0.21		7903	61.2	61.5	
					<0.04		7904	61.5	61.8	0.3
				59.6 - 61.6 as 57.0 - 59.4, strong biotite alt, 5-10% qtz vein material.						

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RIVER GOLD MINES LTD

DDH No. 99-69

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
MAfic	61.6	75.0		Mafic Volcanics medium grey-grey, fine grained, moderate massive to weakly sheared or occasionally moderately sheared 35-40° to ca, 10-15% calcite stringers, rarely with white qtz (2-3%) contact sharp 45° to ca.						
				69.3 - 69.5 - Felsic intrusive porphyritic, medium grey, 7-10% feldspar phenos.						
				69.5 - 70.8 moderately sheared, 10-15% qtz + white calcite...						
				75.0 EOH						

Wawa Print & Litho. Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-70

CO-ORD N 19915.V E 30483E

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4948	Collar	202	-45
LOGGED Oct 8-9/99	15	203.5	-45
STARTED Oct 07/99	63	203	-43.5
COMPLETED Oct 8/99	Mine Grid	11374.04 East	9542.73 North

LENGTH 63 CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690846 TWP.

PURPOSE Expl ZONE 203 - Papa D

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	4		Casing through waste pile - casing in place						
MMd	4	28.2		Mafic Volcanic, dark green-grey, fine grained, massive, chlorite alteration pervasive, rare calcite fracture fill, and very rare white qtz assoc with calcite.						
				21.2 - 22.8 Weak - moderate shearing, tca, with 5-10% calcite veining occasionally with white qtz, trace pyrite.						
MMc	28.2	36.2		203 shear, (Papa D zone), Mafic Volcanic, grey-green, strong to intensely sheared tca; 15-20% calcite along foliation locally with white to white grey Qtz (3-5%) may be assoc w weak biotite alt locally.						

Wawa Pr

RIVER GOLD MINES LTD

DDH No. 99-70

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METRAGE FROM	METRAGE TO	METRES
				- trace py, po, normally marginal to qtz veins	<0.03		7924	28.6	28.9	0.3
					0.07		7925	28.9	29.1	0.3
				28.2 - 32.7 intensely sheared, local weak	<0.03		7926	29.1	29.5	0.3
				biotite alt. - 3-5% qtz veining	<0.03		7927	29.5	29.7	0.2
				to py	<0.03		7928	29.7	30.0	0.3
					<0.03		7929	30.0	30.3	
				32.7 - 33.0 White grey Qtz vein, trace py	0.07		7930	30.3	30.6	
				marginal to vein - 60° to ca	0.07		7931	30.6	30.9	
					<0.03		7932	30.9	31.2	
				33.1 - 33.5 Grey to white sugar qtz vein	<0.03		7933	31.2	31.5	
				50° to ca, trace py	<0.03		7934	31.5	31.8	
					<0.03		7935	31.8	32.1	
				33.5 - 35.1 Brown-green-grey, slightly	<0.03		7936	32.1	32.4	
				stronger Biotite alt, 5-6%	<0.03		7937	32.4	32.7	
				white-grey qtz veining	<0.03		7938	32.7	33.0	0.3
					<0.03		7939	33.0	33.35	0.35
				35.1 - 36.3 Medium - dark green, 20-25% calcite	<0.03		7940	33.35	33.70	0.35
				stringers	<0.03		7941	33.7	34.0	0.3
					<0.03		7942	34.0	34.3	
	36.3	38.3		Mafic Intrusive; dark green, med-fine grained,	<0.03		7943	34.3	34.6	
				massive, chloritic; minor local calcite veinlets,	<0.03		7944	34.6	34.9	
				37.1 - 37.5 1-2cm ragged fabric type parallel ca	<0.03		7945	34.9	35.2	0.3

RIVER GOLD MINES LTD

DDH No.

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
IMde	38.3	39.1		Mafic Volcanic, very fine grained, dark green, massive in upper section to weakly sheared to 41.3 then increasing shear intensity to 42.1; chloritic.	<0.03		7946	35.2	35.5'	0.3
					<0.03		7947	35.5'	35.7	0.2
					<0.03		7948	35.7	36.0	0.3
				- calcite stringers increase with shearing						
				- from 2-4% to 15-20%.						
				- rare trace pyrite						
				38.4 - 3 cm white - glassy qtz vein 70° tca.						
IMe2	39.1	43.4		Mafic Volcanic, dark green to brown, intensely sheared tca, abundant calcite up to 50% locally and 15-20% grey-white qtz veining with white sugar qtz calcite.						
				tr py, po usually marginal to vein						
				42.5 - 42.7 - Grey-white Qtz vein, with 30% carbonate, 50° tca						
				43.0 - 43.1 Grey white sugar QV						
				43.1 - 43.2 Felsic dyke.						

RIVER GOLD MINES LTD

DDH No. 99-70

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
QtQh	43.4	45.4	1.7	Qtz vein, grey-smokey Qtz vein with glassy - grey-white central section.	0.07		7949	42.0	42.4	0.2
				- locally well stained, contact 60° tca	4.18		7950	42.4	42.7	0.3
				py - po at contacts & possibly sphalerite @ 43.5cm	0.89		7951	42.7	43.0	
				* Visible gold - 1 speck @ 43.5m *	1.30		7952	43.0	43.3	
					31.34		7953	43.3	43.6	
					0.27	1.84	7954	43.6	43.9	
				44.5 - 44.8 30% strongly altered - brown biotite and white carbonate mafic Qtz stringers.	9.46	3.0m	7955	43.9	44.2	
					8.02		7956	44.2	44.5	0.3
					12.62		7957	44.5	44.75	0.25
					8.57		7958	44.75	45.0	0.25
				44.8 - 45.1 well strained grey-smokey QV	3.84		7959	45.0	45.4	0.4
					0.55		7960	45.4	45.7	0.3
					0.07		7961	45.7	46.0	0.3
				45.1 - 45.4 10-15% grey qtz veining - strong biotite & carbonate alt., 4cm smokey QV @ contact. 65° tca.						
10b	45.4	49.6		Mafic Intrusive, dark green, medium grained, massive except weakly sheared 45.4 - 46.0.						

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RIVER GOLD MINES LTD

DIAMOND DRILL RECORD

DDH No. 99-70

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
IVMd	49.6	63.0		Mafic Volcanic, dark green, fine grained, massive but local 0.2-0.5 m sections weakly sheared; minor (2-4%) calcite fracture control; well defined pillow margins - light grey to green coloured, rare to sg. — chloritic						
				49.6 - 49.9 - sheared contact zone, 12-15% calcite & white qtz stringers then 55° to ca						
				53.8 - 54.1 Mafic intrusive, narrow feldspar porphyritic dyke.						
				54.1 - 56.4 Lighter coloured grey-green, weakly bleached and weakly sheared.						
				56.4 - 58.6 - Massive, dark green as above						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 75m CORE SIZE BQ

CO-ORD N 19915 E 30483E

D.D. HOLE NO. 99-71

DRILLED BY Benoit D.D MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 6908416 TWP.

PURPOSE Expl ZONE 203 - Papa D

	DEPTH Collar	AZIMUTH	DIP
COLLAR ELEV 4948	21	201	-58.5
LOGGED Oct 09/99	75	204	-55.5
STARTED Oct 07/99			
COMPLETED Oct 07/99	Mine Grid	11374.04 East	9542.73 North

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	4		Overburden, Casing set in waste rock, left in place						
mfd	4	31.9		Mafic Volcanic, grey, frac., massive, fine grained. / minor calcite stringers (2-3%) fracture controlled; chlorite alt pervasive						
				15.3 - 16.0 white - qtz - calcite vein, 1-2cm subparallel to core axis; contains 30-40% host rock fragments.						
				6.0 - 6.4 white grey - massive qtz vein contacts broken.						
				24.3 - 27.6. weakly to locally moderately sheared 45 to ca; calcite stringers with foliation						

RIVER GOLD MINES LTD

DDH No. 99-7-1

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				31.5' 3 cm white qtz vein with 30% chlorite stringers						
Me	31.9	37.8		203 zone shear; Mafic Volcanic; medium-green grey, strongly sheared, strong penas. in chlorite alt; abundant carbonate as calcite stringers (20-25%), local 5-7% white-grey qtz stringers; minor patchy biotite alt.						
					0.07		7962	33.0	33.3	0.3
					0.07		7963	33.3	33.6	
					0.14		7964	33.6	33.9	
					2.33		7965'	33.9	34.2	
				trace py po	0.07		7966	34.2	34.5'	
					0.07	MON	7967	34.5'	34.8	
				* 35.2-35.4 white smokey grey qtz vein, with calcite fracture filling, trace-1% py po @ margin and trace sphalerite	0.14		7968	34.8	35.1	
					4.16		7969	35.1	35.4	
					1.99		7970	35.4	35.7	
					0.07		7971	35.7	36.0	
				2 specks visible gold @ contact 35.4m.	0.07		7972	36.0	36.3	
					0.07		7973	36.3	36.6	
					0.07		7974	36.6	36.9	0.3
				35.4-36.0 10% grey qtz stringers upto 2cm with tr py, po and rare sphalerite.						

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RIVER GOLD MINES LTD

DDH No. 99-71

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				36.0 - 37.1 Moderate Biotite alt.						
Mafic	37.8	46.6		Mafic Volcanic, medium - dark green-grey,						
	203	shear		moderately sheared 50° to c.a.; chlorite alt						
				dominant; moderate carbonate (7-8%						
				calcite stringers)						
				7 cm ragged white-grey glassy Qtz	<0.03		7975	38.4	38.7	0.3
				vein 38.7 - 38.8	<0.03		7976	38.7	39.0	0.3
Mafic (Felsic)	40.6	45.2		Mafic Volcanic, as above but strong to						
	203	shear		intense chlor with moderate to strong	<0.03		7977	41.4	41.7	0.3
				patchy biotite alt, minor silicification	<0.03		7978	41.7	42.0	0.3
				as 5-7% qtz stringers.	0.14		7979	42.0	42.3	0.3
				tr-py. po	0.07		7980	42.3	42.7	0.4
					0.07		7981	42.7	43.0	0.3
				42.4 - 42.7 White sugar textured qtz vein,	0.07		7982	43.0	43.3	
				55° to c.a., tr py.	<0.03		7983	43.3	43.6	
					<0.03		7984	43.6	43.9	
				42.7 - 45.2 moderate to weak patchy biotite	<0.03		7985	43.9	44.2	
				with local 5-7% ragged qtz veinlets	<0.03		7986	44.2	44.6	0.3

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RIVER GOLD MINES LTD

DDH No. 99-71

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
1Mde	45.2	46.8		Mafic Volcanics, dark green, fg, mainly massive with minor (3-5%) calcite fracture control filled, but moderately sheared from 47.0 to 47.8 with 4cm grey-white qtz vein @ 46.4m	<0.03		7987	44.6	45.0	0.4
					<0.03		7988	45.0	45.3	0.3
1Ib	46.8	48.3		Felsic ~~dacite~~ intrusive, feldspar porphyry dyke, light grey, fine grained, poorly developed foliation, contacts 65° to ca 1-2% diss pyrite.						
10b	48.3	50.0		Mafic, Intrusive, dark green, fine grained, weakly foliated, 3-5% calcite stringers with minor 2-3% white sugar qtz.						
1Mc(g)	50.0	55.5		Mafic Volcanic, brown-green, intensely foliated, 20-25% carbonate as calcite stringers, strong biotite alteration; local strong silicification as white grey & sugar qtz veining variable 5-10% ~~but~~ locally 20-30%. tr-1% py po usually to-qtz veins						
	203	Shear								

RIVER GOLD MINES LTD

DDH No. 99-71

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				±0.7 - 51.3 80% white-grey sugar	0.07		7989	50.1	50.4	0.3
				qtz - veins with calcite @	0.21		7990	50.4	50.7	
				contacts and in fractures in qtz	2.47	0.6	7991	50.7	51.0	
				veins, 60° to c.a.	12.00		7992	51.0	51.3	
				tr-1% py po especially	1.58		7993	51.3	51.6	
				on marg. of s.	0.69		7994	51.6	51.9	
					0.89		7995	51.9	52.2	
				51.5 7cm grey-white qtz vein	<0.03		7996	52.2	52.5	
					<0.03		7997	52.5	52.8	
				53.2 5cm ragged qtz vein material	0.55		7998	52.8	53.1	
					0.41		7999	53.1	53.4	
				53.5 - 53.8 75% white grey qtz veins	0.69		8000	53.4	53.7	
				with mafic volcanic 53.6-53.65	3.02		8001	53.7	54.0	
				, tr py.	1.10		8002	54.0	54.3	
					0.27		8003	54.3	54.6	
				54.1 - 5cm grey-white qtz vein.	0.48		8004	54.6	54.9	0.3
				54.1 - 55.5 biotite alteration weaker,						
				carbonate (calcite) stringers less						
				pronounced, (15-20%) and only						
				minor grey-white qtz (1-3%)						

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RIVER GOLD MINES LTD

DIAMOND DRILL RECORD

DDH No. 99-71

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
IMd	55.5	75.0		Mafic Volcanics, dark green, massive, fine grained, weakly sheared w. 8-10% erratic calcite and rare 1cm white grey qtz stringer from 55.5 — 5- 7.0.						
				57.0 - 75m predominantly massive dark green Mafic Volcanics, with 2-3% fracture control calcite but locally 8-10% where core is weakly sheared.						
				- chlorite alteration pervasive.						
				- carbonate alteration locally moderate to strong especially 68 - 73						
				73 - 74 weakly sheared						
				75' EOH						

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RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 120 CORE SIZE BQ

D.D. HOLE NO. 99-72

CO-ORD N 19955 N E 30 500 E

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690838 TWP.

PURPOSE Expl ZONE 203

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4942	Collar	205	-56
LOGGED Oct 11/99	15	206	-56
STARTED Oct 10/99	51	206	-55
COMPLETED Oct 10/99	120	207	-53
	Mine Grid	11404.74 East	9573.50 North

ROCK TYPE	METERAGE FROM	METERAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	2		Casing - left in place						
5bdf	2	11.4		Diorite, grey, variable massive to locally moderately sheared, fine to medium grained, may be feldspar porphyritic in part rare 1-2cm white-grey qtz strg. usually within weak shear sections						
5b	11.4	41.1		Diorite, medium grained, massive, locally sections moderately sericite altered, grey-white coloured						
				12.1 - 12.3 Mafic feldspar porphyry dyke contact 50° Eca.						

RIVER GOLD MINES LTD

DIAMOND DRILL RECORD

DDH No. 99-72

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				15.4 - 15.8 Mafic Dyke, fine grained, dark grey, massive, contacts 70° to ca						
				16.6 - 17.0 Feldspar porphyry dyke, Mafic, massive, 20% phenocrysts						
				25.0 - 26.5' Ultramafic Dyke, dark dull green, medium grained, massive, contacts broken						
				26.5 - 30.4 moderately altered, minor weak shearing locally over a few cms.						
				27.8 - 27.9 Pink calcite vein						
				30.4 - 41.1 Medium grained diorite,						

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RIVER GOLD MINES LTD

DDH No. 99-72

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
10f	41.1	46.2		Mafic dyke, gabbro, dark green-black, massive, medium grained except near contacts - minor calcite stringers with 6cm calcite vein @ 44.0						
5ab	46.2	71.4		Diorite, medium to coarse grained, massive but local weak shearing especially 58.5 to 60.4 m with minor 2-3% local qtz veining - trace pyrite - core somewhat broken, blocky - intruded by 1cm to 5cm medium grained, dark green ultramafic dykes 63.7 - 66.3 Ultramafic dyke, massive medium grained dark dull green, contacts 50° to ca 66.3 - 68.4 weak-moderate shearing 45° to ca with 1-2% 1-2cm qtz stringers						

RIVER GOLD MINES LTD

DDH No. 99-72

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				68.4 - 70.6 Ultramafic dyke as above; lower contact: 25° to ca						
				70.6 - 71.4 Medium grained diorite						
Imde	71.4	78.3		Mafic Volcanic, medium green-grey, fine grained, weak to moderate foliation becomes weak to massive near base of section, foliation 35-40° to ca; pervasive chlorite/sericite alt, carbonate defs in foliation as calcite stringers, local white-sugar qtz-calcite stringers 2-3 cm. - upper contact possibly fault contact. (ground core)						
1/6	78.3	79.8		Feldspar porphyry intrusive, light grey, massive, 10-12% 1-3 mm feldspar phenocrysts, silicious,						

RIVER GOLD MINES LTD

DDH No. 99-72

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
Mfd	79.8	120		Mafic Volcanic, green-green, fine grained, massive but local 0.2 to 0.7 m sections are poorly developed shear zones.						
				— pervasive chlorite alteration, narrow 5 to 20 cm sections are weakly bleached as well as bleached envelopes around some narrow stringers.						
				— calcite ± white glassy qtz occurs as fracture filling <1% but with an occasional ragged narrow qtz vein,	<0.03		8053	88.8	89.1	0.3
					<0.03		8054	89.1	89.4	0.3
					<0.03		8055	89.4	89.7	0.3
				83.2 - 83.5 - 1/16 - Feldspar porphyry dyke	<0.03		8056	89.7	90.0	0.3
				89.1 - 95.2 local poorly developed shearing with 5-7% white-glassy qtz with	<0.03		8057	94.2	94.5	0.3
				minor white calcite (2-3%)	<0.03	B	8058	94.5	94.8	0.3
					1.03	N	8059	94.8	95.1	0.3
					<0.03		8060	95.1	95.4	0.3
				89.2 - 89.5 ragged qtz vein - white glassy	<0.03		8061	95.4	95.7	0.3
				89.5 - 89.9 30% ragged qtz-calcite sub-parallel core axis)						
				95.0 - 95.2 70% white grey qtz and white sugary	calcite:			46° to ca, tr py & cp.		

RIVER GOLD MINES LTD

DDH No. 99-72

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				95.2 – 102.0 – Massive, fine grained mafic volcanic, with local weak pervasive 10-15cm, occasionally with trace sulphides, py cpy.						
				102.0 – 104.9 106 – Possibly mafic intrusive or centre of flow, green fine-medium grained massive, 2-3% fine calcite fracture controlled, contacts steep 45° to ca						
				102 – 109.4 Mafic Volcanic as 95.2 – 102.0						
				109.4 – 111.2 Moderately sheared, 5-10% calcite stringers with 1-2% glassy qtz stringers. Patchy weak biotite alt locally.						
				120 EOH						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-73

CO-ORD N 19950 E 30483

COLLAR ELEV 4942

LOGGED Oct 10/99

STARTED Oct 09/99

COMPLETED Oct 10/99

	DEPTH	AZIMUTH	DIP
collar	18	210	-57
	54	212	-54
	103	215	-53.5
Mine Grid	11395.41 East	9550.30 North	

LENGTH 105 CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine Site

CLAIM NO. 690846 TWP.

PURPOSE Expl ZONE 203 (Papa D)

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	2		Casing, left in place.						
Sbf	2	24.2		Diorite, medium grained, massive, grey-white, - moderate sericite/chlorite altered - core moderately broken/blocky - very rare trace pyrite 8.5 - 8.7 weakly sheared.						
Hf	24.2	29.1		Gabbro, dark green, medium grained, massive, minor calcite fractures controlled (1-2%) trace to pyrite - well developed chill margins						
Sbf	29.1	50.7		Diorite, coarse grained to locally medium grained, massive, trace pyrite local ultramafic dykes dark green						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-73

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				medium grained, ~~soft~~ (≈3-4), dyke consist entirely of chlorite after pyroxene						
				very rare white glassy qtz stringers with calcitic margins, usually at ultra mafic dyke contacts						
				41.4 - 44.2 Ultramafic dyke, dull green, med grained massive, contacts 50° tca						
				45.2 - 45.5 Sdt, moderately sheared 40° tca.						
				45.5 - 45.9 Ultramafic dyke as above glassy 3cm qtz vein @ contact 45.9m						
				45.9 - 50.7 Medium grained diorite, with narrow 3-5cm ultramafic dykelets common (30-35%) and local narrow shears (3-5 cm) usually at dykelet contacts,						

RIVER GOLD MINES LTD

DDH No. 99-73

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
1Md	50.7	55.3		Mafic Volcanic, dark green fine grained, massive to local weak shearing. 3-5% calcite ± white q+z stringers weak shear from 52.4 to 54.0 and 54.6 - 55.3 with increase in calcite veining 7-8%.						
1Me	55.3	56.3		Mafic Volcanic, med green, intensely sheared 45° to ca, with 20-25% calcite white q/z veinlets defining foliation contacts skewed 40° to ca.	0.07		8041	55.2	55.5	0.3
					0.07		8042	55.5	55.8	0.3
					0.07		8043	55.8	56.1	0.3
					0.07		8044	56.1	56.4	0.3
11a	56.3	60.1		Felsic - Intermediate dyke, grey, aphanitic massive, with mafic volcanic inclusions. minor 2-4% calcite stringers						
11a/10b	60.1	66.3		Felsic-Intermediate dark grey-green, fine grained, massive with enamous lenses upto 0.5m of moderate to well sheared mafic Volcanic - mafic Volcanic as above,						

RIVER GOLD MINES LTD

DDH No. 99-73

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				60.1 - 60.7 remnant of mafic volcanics, weak foliation						
				63.1-63.6 moderate sheared mafic volcanics, 7-8% calcite + white qtz along foliation						
				66-66.3 well sheared mafic volcanic as above - 20-25% calcite + white qtz						
IIa	66.3	79.1		Felsic intrusive, very fine to aphanitic, grey, siliceous, hard = 7, massive + homogeneous, may contain 1% fine qtz ± calcite fracture control.	0.07		8045	79.2	79.5	0.3
					0.07		8046	79.5	79.8	0.3
					<0.03		8047	79.8	80.1	0.3
					<0.03		8048	80.1	80.4	0.3
					0.07	M	8049	80.4	80.7	0.3
				78.9 - 79.1 feldspar porphyritic	0.14	O N	8050	80.7	81.0	0.3
					0.21		8051	81.0	81.3	0.3
IMe	79.1	81.6		Mafic Volcanic, med green, moderate to well sheared 35-40° to ca; 10-12% fine wh. sps calcite define foliation with minor white-grey qtz (2-3%)	<0.03		8052	81.3	81.6	0.3
				79.5 3cm glassy Qtz stge						

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RIVER GOLD MINES LTD

DDH No. 99-73

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
10b	81.6	87.0		Mafic intrusive (Gabbro?) Dark green, medium grained, massive, equigranular, 1-2% narrow (1mm) calcite stringers, contacts sharp Fine grained 86.4 - 87.0						
1Me	87.0	87.3		Mafic Volcanic, md green, well sheared as above, contacts 40° tca						
10b	87.3	92.9		Mafic intrusive (possibly intermediate intrusive)						
m11a				dark green-grey, very fine grained, massive to weakly foliated 45° tca. - minor 2-3% qtz-calcite along foliations; rare fr py.						
1Me	92.9	94.1		Mafic Volcanic, dull green, well-moderately sheared 45° tca, 12-15% calcite along foliation ± minor (2-3%) white qtz.						
11b	94.1	105		Intermediate to felsic intrusive, similar to above, green-grey, massive, very fine to aphanitic						
11a										

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RIVER GOLD MINES LTD

DDH No. 99-73

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				minor qtz ± calcite stringers 1-2%						
				98.9-99.0 white sugar qtz-calcite vein						
				103 EOH						

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RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-74

CO-ORD N 19915 E 30468

COLLAR ELEV 4941

LOGGED Oct 22/99

STARTED Oct 20/99

COMPLETED Oct 21/99

DEPTH	AZIMUTH	DIP
Collar	200	-45°
15	201	-43.5°
57	202	-40.5°
Mine Grid	11+360.13 East	9548.32 North

LENGTH 57m CORE SIZE BQ

DRILLED BY Bam-Z D.D. MACH NO. 16

LOGGED BY L. Hartley

CORE STORED Eagle River Mine site

CLAIM NO. 690846 TWP. Pt. Isaac

PURPOSE Expl ZONE 203

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	3	3	Casing, drilled through waste pile						
IMd	3	22.9		Mafic - Intermediate volcanic, grey, very fine to fine grained, massive, but occasional local sections 0.1-0.2m weakly sheared, qtz-calcite fracture control stringers rare to 9.3m and common (3-5%) from 9.3-13.2m						
				9.7-9.8 50% ragged white qtz veining						
				12.4-12.7 poorly developed shear with calcite stringers and 1cm qtz stringer						
				13.2-22.9 minor (1-2%) calcite stringers ± white qtz.						

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RIVER GOLD MINES LTD

DDH No. 99-74

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
MMe	22.9	25.0	2.1	Mafic Volcanic, grey-green, well sheared tca but moderately sheared on margins ie 22.9 to 23.5' and 24.9-25.0	<0.03		8079	23.4	23.7	0.3
					<0.03		8080	23.7	24.0	
				- strong biotite alt with abundant	1.17	203 Nmt	8081	24.0	24.3	
				calcite stringers (10-15%) with	0.14		8082	24.3	24.6	
				5-6% blue grey qtz stringers	0.07		8083	24.6	24.9	
				- rare trace pyrite	<0.03		8084	24.9	25.2	0.3
IOf	25.0	34.5'		Gabbro, dark green-black, fine-medium grained, massive, black-white speckled appearance (leucocene?)						
				- minor <1% calcite stringers along fractures: contacts sharp 50° tca						
MMe	34.5	36.4		Mafic Volcanic, grey-green, fine grained, massive to well sheared, chlorite alt pervasive; carbonate (calcite along shear planes) abundant; silicification moderate as white-glassy qtz stringers/veins						

RIVER GOLD MINES LTD

DDH No. 99-74

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				34.5 - 35.2 Well sheared tca w. 1% white/grey qtz vein 34.7 - 34.8	<0.03		8085	34.5	34.8	0.3
					0.14		8086	34.8	35.1	
					0.07	0.03	8087	35.1	35.4	
					0.07		8088	35.4	35.7	
				35.2 - 36.4 more massive section, 2-3% qtz calcite stringers	1.65		8089	35.7	36.0	
					<0.03		8090	36.0	36.3	
					<0.03		8091	36.3	36.6	
					<0.03		8092	36.6	36.9	
1Me	36.4	43.8		Mafic Volcanic brown-grey-green, well sheared 50 tca but local narrow sections weakly sheared	0.07		8093	36.9	37.2	
					<0.03		8094	37.2	37.5	
					0.07		8095	37.5	37.8	
				- biotite alt patchy throughout	0.27		8096	37.8	38.1	
				- carbonate alt common to abundant	0.82		8097	38.1	38.4	
				as fine calcite stringers	0.21		8098	38.4	38.7	
				- weak silicification as qtz	<0.03		8099	38.7	39.0	
				stringers but local more massive	<0.03		8100	39.0	39.3	
				white-glassy qtz veining	<0.03		8201	39.3	39.6	
				- rare trace pyrite	<0.03		8202	39.6	39.9	
					<0.03		8203	39.9	40.2	
				36.8 - 36.9 50% white qtz stringers	<0.03		8204	40.2	40.5	
					0.62		8205	40.5	40.8	
				37.1 - 37.4 white-grey massive qtz vein - 30% chlorite inclusions.	<0.03		8206	40.8	41.1	0.3

RIVER GOLD MINES LTD

DDH No. 99-74

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				38.2-38.3 75%, white grey qtz veins.						
				39.1-39.4 11b - Feldspar porphyry intrusive						
				- siliceous, grey, aphanitic w/						
				10-12% feldspar phenocrysts						
				- 7 cm white qtz at lower contact						
				39.4 - 42.3 Well sheared, patchy biotite	0.14		8107	41.1	41.4	0.3
				alt, 8-10% carbonate stringers	0.44		8108	41.4	41.7	0.3
				with weak silicification;	0.02		8109	41.7	42.0	0.3
				with minor white grey qtz						
				veining with white sugar						
				calcite on margins						
				— 1-3 cm qtz stringers @ 40.6,						
				40.9, and 41.35						
				42.3-42.9 weakly sheared, chlorite alt						
				dominant, 3-5% calcite stringers						
				42.9-43.8 moderate to well sheared,						
				calcite stringers common (3-5%)						
				- 3 cm qtz-cal stringer @ 43.6m						
				- gradual weaking of shear 43.6-43.8						

RIVER GOLD MINES LTD

DDH No. 99-74

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
Mafic	43.8	57.0		Mafic Volcanic, dark green, fine green, variable massive to weak moderate shearing throughout;						
				- chlorite alt dominant but calcite carbonate stringers are common (3-5% throughout and 8-10% in moderate sheared sections)						
				- minor white glassy qtz stringers with white calcite at margins, Possibly 2-3% at most.						
				45.0 5cm glassy massive qtz stg.						
				51.1 - 51.3 - ragged glassy qtz vein, 20-25% host rock inclusions						
				51.3 - 5 - 56.1 - erratic calcite common 8-10% throughout						
				56.1 - 57 - more massive (2-3% calcite)						
				57 EOH						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-75

CO-ORD N 19915 E 30468

COLLAR ELEV 4941

LOGGED Oct 21/99

STARTED Oct 20/99

COMPLETED Oct 20/99

	DEPTH	AZIMUTH	DIP
Collar	60	199	-60°
		199	-58
Mine Grid		11+360.13 East	9548.32 North

LENGTH 72m CORE SIZE BQ

DRILLED BY Benoit D.D. MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River

CLAIM NO. 690846 TWP. Pt Isaac

PURPOSE Exp! ZONE 203

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
ob	0	3	3	Casing - set through waste pile						
IIa	3	13.7		Felsic intrusive, medium grey, fine grained, massive, minor calcite-qtz stringers from 11.9 to 13.7 (3-5%) along fractures - weak brown surface weathering along fractures 10.2-10.3 white glassy qtz-calcite vein						
Imd	13.7	27.9		Mafic Volcanic, grey-green, fine grained, massive, 3-5% calcite-qtz fracture control stringers - local weakly sheared sections 5 to 20 cm wide. 23.9-24.0 and 26.9-27.2						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-75

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
1Mafl	27.9	31.0	2.1	Mafic Volcanic, grey-green, moderately						
				sheared to gradational into intensely	0.55		80 62	28.8	29.1	0.3
				sheared. alteration chlorite + carbonate	<0.03		80 63	29.1	29.4	
				with local biotite and well silicified	0.07		80 64	29.4	29.7	
				in centre of shear; shear 55° to c.a.	<0.03		80 65	29.7	30.0	
					<0.03		80 66	30.0	30.3	
				29.5 – 30.2 60-65% blue grey qtz	0.21		80 67	30.3	30.6	
				veining with abundant white	<0.03		80 68	30.6	30.9	0.3
				calcite 20-25%, and 10-20%						
				green chlorite + biotite altered mafic Vol.						
				30.2 – 31.0 shear fabric weakens to						
				gradually massive volcanic						
1Db	31.0	40.9		Mafic intrusive, dark – medium green, fine						
				grained to very fine grained, massive but						
				has weak-moderate sheared sections						
				with calcite stringers defining foliation						
				with rare qtz stringer						
				– chlorite; carbonate alt. within shearing						
				34.1 – 36.3 weakly sheared – 7-8% calcite						
				± qtz stringers, 35.95 – 3 cm qtz vein						

RIVER GOLD MINES LTD

DDH No. 99-75

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
1/b	40.9	42.4	1.5	Felsic intrusive, light grey, massive fine grained, with 8-10% 2-3 mm white feldspar phenocrysts, siliceous; chilled contacts; tr-1% pyrite.						
1Md	42.4	44.7		Mafic Volcanic, green-grey, fine grained, massive - 3-5% calcite-qtz fracture controlled,						
					0.07		8069	44.7	45.0	0.3
					0.27		8070	45.0	45.3	
1Mc(b)	44.7	47.6		Mafic Volcanic, medium green-grey, moderately to intensely sheared, chlorite & carbonate (calcite) alteration dominants, very weak patchy biotite and minor silicification as dark white to bluish qtz stringers	<0.03		8071	45.3	45.6	
					<0.03		8072	45.6	45.9	
					0.89	2.03	8073	45.9	46.2	
					0.14	5.00	8074	46.2	46.5	
					0.07		8075	46.5	46.8	
					0.07		8076	46.8	47.1	
				47.1 - 47.3 50-60% white-blue qtz	<0.03		8077	47.1	47.4	
					<0.03		8078	47.4	47.7	0.3
				47.3 - 47.6 skrn gradually increases to massive mafic volcanic.						

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RIVER GOLD MINES LTD

DDH No. 99-75

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
1Md	47.6	60.1		Mafic Volcanic, dark green, fine grained, massive, local well defined pillow margins; alteration chlorite pervasive throughout; 3-4% calcite ± qtz stringers/fracture filling.						
				57.0 - 5cm white qtz calcite vein						
1G	60.1	61.1		Felsic Intrusive, grey, massive, fine grained with 10-12% 1mm feldspar phenocrysts, sharp contacts; 40 to ca; weakly foliation.						
1Mdc	61.1	72.0		Mafic Volcanic, green grey, weakly-moderately foliated 40 to ca throughout, calcite - white qtz stringers common (10-15%) but 8-10% from 66- to 72m.						
				72 EOH						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

CO-ORD N 9763.083 E 9600.227

D.D. HOLE NO. 99-76

	DEPTH	AZIMUTH	DIP
	Collar	351	-60°
	45	352	-59°

COLLAR ELEV 4983.837

LOGGED Oct 25

STARTED Oct 24/99

COMPLETED Oct 24/99

LENGTH 54 CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River

CLAIM NO. 690886 TWP. Pt. Isaac

PURPOSE Definition ZONE 808 stope

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	2		Casing, left in place; Hole cemented						
dbt	2	16.0		Diorite, grey to grey-white, massive, moderate chlorite alteration;						
				2 - 4.3 7-10% vuggy diorite.						
				4.3 - 7.8 chlorite altered with weak red potassic alt.						
				7.9 - 12.0 vuggy - 2-4 mm vugs throughout						
				14.1 - 16 patchy red potassic alt.						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-76

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Sdf	16.0	21.0		Diorite, grey, moderate and becoming strongly sheared 45° tca; chlorite-sericite alt pervasive, minor carbonate and local weak potassic alt'n						
				17.7-18.25 60%, ragged white massive qtz vein.						
				18.25-21 grey with weak local potassic alt, tr-0.5% py						
					0.14		8484	20.4	20.7	0.3
q/Sdf	21.0	29.7		Diorite - and quartz veining alternating, Diorite typically grey well sheared 45° tca, strongly chlor'tic, weak wispy carbonate, tr-1% diss pyrite.	2.67		8485	20.7	21.0	
					3.36		8486	21.0	21.3	
					0.96		8487	21.3	21.6	
					1.51		8488	21.6	21.9	
					<0.03		8489	21.9	22.2	
					0.48		8490	22.2	22.5	
				Qtz veining typically white massive with local Sdf inclusions, and occasional chlorite-sericite filled fractures, tr-1% py ite marginal to veins & in fractures	<0.03		8491	22.5	22.8	
					<0.03		8492	22.8	23.1	
					<0.03		8493	23.1	23.4	
					<0.03		8494	23.4	23.7	
					<0.03		8495	23.7	24.0	0.3

RIVER GOLD MINES LTD

DDH No. 99-76

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				21.0 - 23.1 Qh, massive white qtz vein with narrow 0.1m 5df section @ 22.2-22.3; 23.4-23.5, 23.6-23.7 - trace pyrite @ 5df, qtz vein contacts						
				23.1 - 23.7 5df sheared diorite 5-7% white grey qtz vein material 1-2% py - contact 45° to ca						
				23.7 - 24.7 Qh white massive qv with qv breccia 23.7-24.0						
				3 - 5cm 5df sections with minor potassic alt.						
				24.7 - 25.1 5df, well sheared, 1-2% pyrite.						
				25.1 - 25.7 Qh-Qd; grey-white to white,						

RIVER GOLD MINES LTD

DDH No. 99-76

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				moderate strained to massive with	<0.03		8496	24.0	24.3	0.3
				chlorite-sericite along strain planes,	<0.03		8497	24.3	24.6	
				tr-1% pyrite except 25.4-25.5'	<0.03		8498	24.6	24.9	
				grey qtz with 5-7% pyrite-	0.14		8499	24.9	25.2	
					4.11	4.08 Avg	8500	25.2	25.5	
				25.5'-25.7 50% Sdf and white	2.67		8501	25.5'	25.8	
				qtz veining	<0.03		8502	25.8	26.1	
					0.14		8503	26.1	26.4	
					<0.03		8504	26.4	26.7	
				25.7-26.1 Sdf - well sheared, 7%	<0.03		8505	26.7	27.0	
				qtz veining, 1-2% pyrite	<0.03		8506	27.0	27.3	
					1.10		8507	27.3	27.6	
				26.1-26.6 Qtz vein breccia, white	<0.03		8508	27.6	27.9	
				massive, 3-6cm Sdf sections	0.55		8509	27.9	28.2	
				@ 26.1, 26.2 & 26.5	4.32		8510	28.2	28.5	0.3
				26.6 26.9 Sdf tr pyrite						
				26.9 28.7 Qh, massive white qtz vein						
				with Sdf - 4cm @ 27.5m;						
				Ql, well laminated g-ey-qtz 27.2						
				27.4 with tr py;						

RIVER GOLD MINES LTD

DIAMOND DRILL RECORD

DDH No. 99-76

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				5df 27, 5- 27.6 m tr-1% pyrite	<0.03		8511	28.5	28.8	0.3
					<0.03		8512	28.8	29.1	
					<0.03		8513	29.1	29.4	
				28.7 - 29.2 - 5 df, well sheared 45° tca, tr py, minor rust stain	<0.03		8514	29.4	29.7	
					<0.03		8515	29.7	30.0	
					<0.03		8516	30.0	30.3	
					<0.03		8517	30.3	30.6	
				29.2 - 29.7 Grey-white qtz vein, weak-moderate straining, chlorite-filled fractures common tr py	<0.03		8518	30.6	30.9	
					<0.03		8519	30.9	31.2	
					<0.03		8520	31.2	31.5	
					<0.03		8521	31.5	31.8	
					<0.03		8522	31.8	32.1	
5df	29.7	33.7		Diorite, grey-green, well becoming moderately sheared, 5-7% narrow 2-3 cm qtz veining; local hematite alt.	<0.03		8523	32.1	32.4	
					<0.03		8524	32.4	32.7	
					0.21		8525	32.7	33.0	
					1.23		8526	33.0	33.3	
				30 - 31.5 - 1-2% pyrite, then trace pyrite	<0.03		8527	33.3	33.6	0.3
				2-3 cm qtz veinlets 30.2, 30.8, 31.0, 31.1, 31.9, 32.9, 31.1 31.2						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-76

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
56f	33.7	42.6		Diorite, dark green-grey, massive, strong chlorite alteration, local patchy hematite						
				38.2 - 41.1 voggy - 2-4mm vugs throughout						
56	42.6	54		Diorite, wht-grey, massive, medium grained but locally moderate shearing, tr py						
				47.4 - 48.3 moderately sheared 50° tca and chlorite altered, tr py						
					<0.03		8528	51.0	51.3	0.3
					<0.03		85 29	51.3	51.6	0.3
				51.4 - 51.7 moderate shear, width 2cm	<0.03		85 30	51.6	52.0	0.4
				qtz vein, 3-4% course pyrite.						
				54 EOH						

Wawa Print & Litho Inc

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 37 CORE SIZE BQ

CO-ORD N 4796.606 D.D. HOLE NO. 99-77

E 9621.648 DEPTH Collar AZIMUTH 180 DIP -45°

DRILLED BY Benoit D.D. MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River

COLLAR ELEV 4982.803

LOGGED Oct 23/99

STARTED Oct 22/99

COMPLETED Oct 22/99

CLAIM NO. 690886 TWP. Pt. Isaac

PURPOSE definition ZONE 808 structure

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	3		Casing left in place, hole cemented.						
Sbf	3	16.5		Diorite, grey-light grey, medium grained, massive, core blocky-broken, pervasive chlorite alteration						
				10 - 12.4 core strongly blocky broken, weak patchy hematite alt.						
				- pervasive chlorite	<0.03		8333	16.8	17.1	0.3
					0.14		8334	17.1	17.4	
					0.75		8335	17.4	17.7	
q/Sdf	16.5	22.7		Diorite, grey, moderately sheared to 19m the increases to intensely sheared, 50° tca.	<0.03		8336	17.7	18.0	
					<0.03		8337	18.0	18.3	
					<0.03		8338	18.3	18.6	
				16.5 - 19.0 moderately sheared 5-8% qtz stringers, locally patchy hematite	<0.03		8339	18.6	18.9	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-77

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				- trace - 1% pyrite						
				19.0 - 20.7 strongly sheared 10-12% white grey qtz stringers, tr-2% coarse pyrite often marginal to veining but tr-1% diss between veins.	<0.03		8340	18.9	19.2	0.3
					<0.03		8341	19.2	19.5'	
					<0.03		8342	19.5'	19.8	
				20.7 - 21.3 QV, well strained qtz vein 50° tca 0.5-1% py along shear planes with minor hematite.	0.07		8343	19.8	20.1	
					0.07		8344	20.1	20.4	
					0.07		8345	20.4	20.7	
					0.14		8346	20.7	21.0	
				21.3 - 22.0 20-25% white - qtz veining with tr py, veinlets average 1-3cm	0.14		8347	21.0	21.3	
					<0.03		8348	21.3	21.6	
					<0.03		8349	21.6	21.9	
					0.14		8350	21.9	22.2	
				22.0 - 22.7 20-25% qtz vein - grey - white with hematite alteration @ margins 1-2% pyrite	<0.03		8351	22.2	22.5'	
					<0.03		8352	22.5'	22.8	0.3

RIVER GOLD MINES LTD

DDH No. 99-77

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Qh	22.7	26.5		Qtz vein, white massive Qh (80-85%) with moderate stained Qh (15-20%) — contact 50° tca						
				22.7 - 23.2 massive qtz vein, tr pyrite	<0.03		8353	22.8	23.1	0.3
					<0.03		8354	23.1	23.4	
					<0.03		8355	23.4	23.7	
				* 23.2 - 24.3 60% moderate stained	<0.03		8356	23.7	24.0	
				qtz veining with 50°	<0.03		8357	24.0	24.3	
				fractures 1-2% sulphide	0.14		8358	24.3	24.6	
				py ± galena, visible gold	<0.03		8359	24.6	24.9	
				— gold on pyrite grain @	<0.03		8360	24.9	25.2	
				23.7 m	<0.03		8361	25.2	25.5	
					<0.03		8362	25.5	25.8	
				24.3 - 26.5 Massive white (Bull)	1.17		8363	25.8	26.1	0.3
				qtz vein, tr smear pyrite						
				on occasional fractures						
				(one to two fractures per						
				meter)						

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RIVER GOLD MINES LTD

DDH No. 99-77

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
Ql	26.5	27.7		Qtz vein, 75-80% well strained, white & grey qtz + 20-25% massive white qtz						
				26.5 - 27.0 Moderate strained to massive with 2-3% coarse pyrite ± galena.	0.03		8364	26.1	26.4	0.3
					1.10		8365	26.4	26.7	0.3
					0.03		8366	26.7	27.0	0.3
					46.83		8367	27.0	27.3	0.3
				27.0 - 27.7 well strained - grey to white qtz vein, 7-8% py	71.92		8368	27.3	27.7	0.4
					1.65		8369	27.7	28.0	0.3
					0.07		8370	28.0	28.3	0.3
				27.0 - 27.1 30% coarse pyrite with minor hematite alteration @ margins	0.07		8371	28.3	28.6	0.3
				* 27.1 - 27.7 - gy qtz - 5-7% diss pyrite + along strain planes with numerous visible gold specks 27.4 - 27.5 in grey qtz with 7% pyrite						

RIVER GOLD MINES LTD

DDH No. 99-77

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Sdf	27.7	32.9		Diorite, grey, moderately sheared 50 to ca to 30.4 m, chlorite alt; 4cm white massive qtz vein @ 28.6 m — trace pyrite						
					0.21		8372	30.0	30.3	0.3
					0.21		8373	30.3	30.6	
				30.4 32.9 sheaving more intense minor hematite altered	<0.03		8374	30.6	30.9	
				stringers, local 10-12%	<0.03		8375	30.9	31.2	
				white-grey qtz stringers	<0.03		8376	31.2	31.5	
				with 50% qtz veins 30.6 - 30.8	<0.03		8377	31.5	31.8	0.3
				with hematite altered Sdf,						
				tr-1% pyrite @ margins.						
				31.3 2cm white qtz stringer						
				31.3 - 32.9 chlorite alt mainly fract						
				local red hematite 1-2mm stringer						
56	32.9	37.0		Diorite, grey-white massive, medium grained / tr pyrite						
				37 EOH						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 66 CORE SIZE BQ

D.D. HOLE NO. 99-78

CO-ORD N 9796.750 E 9621.648

DRILLED BY Benoit D.D. MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690886 TWP. Pt. Isaac

PURPOSE Stope ZONE 808

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4982.810	collar	180	-53°
LOGGED Oct 22/99	15	182	-52
STARTED Oct 21/99	66	183	-51
COMPLETED Oct 21/99			

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	2		Casing left in place. hole cemented						
5b	2	17.5		Diorite, grey-white, medium grained, equi-granular, massive,						
				— core moderately broken & blocky to 14m						
5b(fg)	17.5	24.2		Diorite grey, moderately sheared increasing to well sheared by 22.1m						
				17.5 - 17.9 Moderate to strong red hematite alteration with 2-3% pyrite						
				17.9 - 21.2 moderately sheared, patchy						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-78

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				weak hematite alteration; local ragged white grey qtz stringers (8-10%) usually 1-2 cm thick, and approx parallel foliation 45-50° to ca						
				trace - 1% diss pyrite usually marginal to veining but locally diss 5-10 cm into wall rock.	<0.03		8210	17.1	17.4	0.3
					<0.03		8211	17.4	17.7	
					0.48		8212	17.7	18.0	
				21.2 - 24.2 similar to above but qtz veins more distinct. chlorite-sericite alteration more dominant. but hematite alt at qtz vein margins	<0.03		8213	18.0	18.3	
					<0.03		8214	18.3	18.6	
					<0.03		8215	18.6	18.9	
					<0.03		8216	18.9	19.2	
					<0.03		8217	19.2	19.5	
					<0.03		8218	19.5	19.8	
				21.8 - 22.05' qtz - massive white qv 60° to ca, hematite alt at margins with 1-2% pyrite at margins	<0.03		8219	19.8	20.1	
					0.14		8220	20.1	20.4	
					0.07		8221	20.4	20.7	
					<0.03		8222	20.7	21.0	
					<0.03		8223	21.0	21.3	
				22.6 - 22.8 qtz White qv at 40° to ca	0.21		8224	21.3	21.6	
					0.27		8225	21.6	21.9	0.3

RIVER GOLD MINES LTD

DDH No. 99-78

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				22.8 - 24.2 10-12% 1-2cm qtz stringers throughout with tr-0.5% py	0.07		8226	21.9	22.2	0.3
					<0.03		8227	22.2	22.5'	
					0.87		8228	22.5'	22.8	
ql	24.2	29.9		Qtz vein, massive white to grey-white moderate to well strained. 50° tca	0.07		8229	22.8	23.1	
					<0.03		8230	23.1	23.4	
					1.17		8231	23.4	23.7	
				24.2 - 28.4 approx 50% ql - 50% gl, moderate to locally well strained over narrow sections.	<0.03		8232	23.7	24.0	
					<0.03		8233	24.0	24.3	
					<0.03		8234	24.3	24.6	
				- chlorite along fractures throughout	0.27		8235'	24.6	24.9	
				with tr-1% also along fractures	0.48		8236	24.9	25.2	
				- rare narrow 5cm sections a few cm wide which contain 3-4% py	0.07		8237	25.2	25.5'	
					<0.03		8238	25.5'	25.8	
				- 24.2 - 24.5' minor hematite alteration	<0.03		8239	25.8	26.1	
					<0.03		8240	26.1	26.4	
				5cm stringers with 3-4% py 27.3, 27.8 and 28.0	0.07		8241	26.4	26.7	
					0.14		8242	26.7	27.0	
					0.14		8243	27.0	27.3	
				* 28.4 - 29.5 ql - well strained, 40° tca, dark smokey qtz vein with 5-6% pyrite along strain planes	0.14		8244	27.3	27.6	
					0.62		8245	27.6	27.9	
				with trace sphalerite and galena with	5.14		8246	27.9	28.2	0.3
				several specks of visible gold.	0.5'5		8247	28.2	28.4	0.2

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RIVER GOLD MINES LTD

DDH No. 99-78 **Page** _____ **of** _____

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
					114.02		8248	28.4	28.7	0.3
				29.5' - 29.9 q/z moderately stained 2-3% pyrite.	120.60		8249	28.7	29.0	
					181.14	60.8 oz/ton	8250	29.0	29.3	
					0.82		8251	29.3	29.6	0.3
					85.02		8252	29.6	30.0	0.4
Qh	29.9	31.1		Qh - Massive white qtz vein, local 2-3 cm sections show weak stain with minor chlorite and trace pyrite.	0.07		8253	30.0	30.3	0.3
					0.14		8254	30.3	30.6	
					0.07		8255	30.6	30.9	
					0.14		8256	30.9	31.2	
					1.17		8257	31.2	31.5'	
					0.55'		8258	31.5'	31.8	
Sdf(g)	31.1	34.3		Diorite, green-grey, well sheared but shearing gradually weakens 34.1 - 34.3 to massive diorite. Shears 50° to c.a. - local 2-4 cm white grey qtz stringers @ 31.5', 31.1, 31.2, 31.5' - pyrite 3-4% marginal to veins & up to 5 cm from veins	0.14		8259	31.8	32.1	
					0.07		8260	32.1	32.4	
					0.14		8261	32.4	32.7	
					0.14		8262	32.7	33.0	
					<0.03	80.0 oz/ton	8263	33.0	33.3	
					0.21		8264	33.3	33.6	
					1.23		8265	33.6	33.9	
					0.48		8266	33.9	34.2	
				33.2 - 33.4 white grey qtz vein with 4 cm Sdf, potassic alt at contacts, 2-3% pyrite marginal to	0.07		8267	34.2	34.5'	
					0.07		8268	34.5'	34.8	0.3
					vein		—			

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-78

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				33.4 - 34.0 10% white grey qtz stringers with 2-3% pyrite in sids. marginal to veining						
				34.0 - 34.15' 15cm white massive qtz veining, potassic alt marginal to vein, tr py.						
				34.15' - 34.3 shear weakens to massive diorite, moderate - strong potassic alteration on shear margin, and 2-3% py.						
5bf	34.3	36.5		Diorite, massive, medium grained, grey-red, with moderate strong patchy potassic alteration, locally chloritic; vuggy; trace pyrite.						
5b	36.5'	66.0		Diorite, grey-white, medium grained, massive, local weak patchy potassic alteration usually with						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-78

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				minor silicification and 1-2% coarse sub-hedral & euhedral pyrite						
				36.5 - 46.7 bal/weak patchy potassic alt as described above with chlorite alt to 38.8 m.						
				43.1 - 43.5 20% ragged qtz veins 1-2% coarse pyrite						
				46.7 - 66.0 medium grained diorite local trace pyrite; - rare weak alt adjacent fractures						
				55.6 - 55.7 white glassy qtz, 2% coarse pyrite at contacts						
				63.6 & 64.6 3 cm white qtz stringers						
				66 EOH						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-79

CO-ORD N 9747.377 E 9645.148

COLLAR ELEV 4988.771

LOGGED Oct 24-25 | 99

STARTED Oct 23 | 99

COMPLETED Oct 24 | 99

	DEPTH	AZIMUTH	DIP
	Collar	002	-60
	12	004	-60
	84	004	-59

LENGTH 84 CORE SIZE BQ

DRILLED BY Benoit D.D MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River

CLAIM NO. 690886 TWP. Pt. Isaac

PURPOSE definition ZONE 808 stope

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	2.5'		Casing, left in place, hole cemented						
Sb	2.5'	59.6		Diorite; grey-white, medium grained, massive, equigranular to locally slightly porphyritic; to syenite						
				21 - 22.3 weak hematite alteration						
				22.5 3cm white massive qtz stringer						
				40 - 43.5' weak local hematite alt.						
				45.7 4cm glassy massive qtz veinlet						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-79

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Sdf	59.6	60.4		Diorite, grey, gradual change from massive to strongly sheared diorite	<0.03		8422	59.7	60.0	0.3
					0.82		8423	60.0	60.25'	0.25'
					1.30		8424	60.25'	60.50	0.25'
					5.84		8425'	60.50	60.8	0.3
					85',60		8426	60.8	61.1	0.3
8 Qhl	60.4	71.9		Qtz vein, 80% massive white quartz vein with 20% grey-white well stromed sections varying in thickness from <0.1 to >1.0 m	121.88		8427	61.1	61.4	0.3
					0.07		8428	61.4	61.6	0.2
					0.07		8429	61.6	61.9	0.3
				- strain fractures with chlorite-sericite	<0.03		8430	61.9	62.2	0.3
				and locally coarse pyrite ± galena.	<0.03		8431	62.2	62.5'	0.3
				- strain fracturing typically 30° to ca	<0.03		8432	62.5'	62.75'	0.25'
					0.41		8433	62.75'	63.0	0.25'
				*60.4-61.5' locally moderately stromed	<0.03		8434	63.0	63.3	0.3
				qtz with wisps chlorite-sericite	<0.03		8435'	63.3	63.6	
				filled fractures with coarse pyrite (2%)	<0.03		8436	63.6	63.9	
				- several p.in head size specks	<0.03		8437	63.9	64.2	
				visible gold	<0.03		8438	64.2	64.5'	
					5.14		8439	64.5'	64.8	
				61.5 - 65.0 - Mainly massive Qtz with narrow	4.80	8.08 for 30'	8440	64.8	65.1	
				zones <0.1m chlorite-sericite and	1.51		8441	65.1	65.4	
				trace pyrite.	4.25		8442	65.4	65.7	
				62.1 & 63.4 m 5 cm grey qtz	<0.03		8443	65.7	66.0	0.3

Wawa Print & Litho Inc

RIVER GOLD MINES LTD

DDH No. 99-79

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				65.2-66.0m moderate-well strained qtz	<0.03		8444	66.0	66.3	0.3
				30° tca, grey-white chlorite-	<0.03		8445	66.3	66.6	
				sericite filled fractures with tr-	<0.03		8446	66.6	66.9	
				2% pyrite.	<0.03		8447	66.9	67.2	
					<0.03		8448	67.2	67.5	
				66.0-68.0 Massive white qtz vein	<0.03		8449	67.5	67.8	
					<0.03		8450	67.8	68.1	
				68.0-69.4 Moderately strained grey-white	0.41		8451	68.1	68.4	
				qtz-chlorite-sericite in fractures	0.62		8452	68.4	68.7	
				and local trace pyrite.	0.14		8453	68.7	69.0	
					0.41		8454	69.0	69.3	
				69.4-71.9 mainly massive white qtz	<0.03		8455	69.3	69.6	
				with narrow 2-4cm grey-	0.21		8456	69.6	69.9	
				white sections. rare tr py	<0.03		8457	69.9	70.2	
					<0.03		8458	70.2	70.5	
8 Q1	71.9	73.4		Qtz vein, ≈75% grey-white qtz-well	0.07		8459	70.5	70.8	
				strained 30° tca with numerous	0.07		8460	70.8	71.1	
				grey fractures with upto 5%	0.48		8461	71.1	71.4	
				pyrite	4.87		8462	71.4	71.7	
					1.23		8463	71.7	72.0	
				72.8-72.9 Sdf with grey qtz 5% py	0.21	80.8 th	8464	72.0	72.3	
					2.88	reject	8465	72.3	72.6	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-79

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
					0.69		84 66	72.6	72.9	0.3
				73.1 - 73.4 intense mixed sdf and grey qtz gradual increase of sdf to 80-90% sdf with minor grey qtz.	1.10		84 67	72.6	73.2	
					0.55		84 68	73.2	73.5'	
					0.96		84 69	73.5'	73.8	
					<0.03		84 70	73.8	74.1	
					<0.03		84 71	74.1	74.4	
sdf	73.4	78.3		Diorite, grey intensely sheared, minor erratic (5-7%) grey qtz, local tr py	<0.03		84 72	74.4	74.7	
					<0.03		84 73	74.7	75.0	
					0.82		84 74	75.0	75.3	
					<0.03		84 75	75.3	75.6	
				74.4 - 74.9 Strong red hematite altered zone with 25% white grey qtz veining	0.34		84 76	75.6	75.9	
					<0.03		84 77	75.9	76.2	
					<0.03		84 78	76.2	76.5'	
					<0.03		84 79	76.5'	76.8	
				74.9 - 78.3 5% local grey-white qtz and/or narrow qtz stringer	<0.03		84 80	76.8	77.1	
					<0.03		84 81	77.1	77.4	
					1.03		84 82	77.4	77.7	
				3 cm white qtz stringers 77.6 and 78.3	<0.03		84 83	77.7	78.0	0.3
sb	78.3	84		Diorite, white-grey- massive, medium grained						
				84 = EOH						

Wawa Print & Litho Inc

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 91 m CORE SIZE BQ

CO-ORD N 9770.480 E 9648.843

D.D. HOLE NO. 99-80

DRILLED BY Beno. & DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690886-87 TWP. Pt Isaac

PURPOSE Definition ZONE 808 Stope

DEPTH	AZIMUTH	DIP
Collar	002	-70
15	003	-70
54	002	-69.5
90	003	-69.5

COLLAR ELEV 4982.585

LOGGED Oct 23/99

STARTED Oct 22/99

COMPLETED Oct 23/99

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	2		Casing left in place, hole cemented						
56	2	30.6		Diorite, grey white medium grained, massive, tr -0.5% coarse pyrite weak to moderate chlorite alteration - rare narrow 1 to 2 cm qtz stringers average 1 per 3 m. - core blocky broken to 6 m 13 - 16 weak hematite alteration						
				22.6 - 22.7 white qtz vein pyrite rubes at contacts; 35° tca						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-80

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Sdf	30.6	31.9		Diorite, grey, with increasing shear intensity from moderate to intense, relatively low angle shear 35° tca – chlorite – sericite alteration dominants – tr–1% disspyrite –						
Qh(ql)	31.9	41.7		Qtz vein, 80-85% massive white (bull) qtz with 15–20% grey smokey qtz over narrow 0.1–0.3 m sections locally. – contact ≈30 tca – ragged but est ≈30-33° tca.	<0.03		8269	31.2	31.5	0.3
					<0.03		8270	31.5	31.8	
					<0.03		8271	31.8	32.1	
					<0.03		8272	32.1	32.4	
				– sulphides in grey-smokey qtz consists of pyrite 2–5%, locally tr–1% galena and ± tr sphalerite and rare small specks visible gold	<0.03		8273	32.4	32.7	
					6.17		8274	32.7	33.0	
					<0.03		8275	33.0	33.3	
					0.14		8276	33.3	33.7	
					<0.03		8277	33.7	34.0	0.3
				Qh – 31.9–32.7 white massive qtz trace <1mm pyrite cubes locally						
				*32.7–33.0 Grey smokey qtz stained with chlorite smears, tr–1% pyrite, ±galena + 3 small specks		Visible gold				

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-80

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				33.0 - 33.3 White massive Qtz vein						
				33.3 - 33.6 Grey white qtz, well strained 1-2% py up to 0.5% galena and trace sphalerite	<0.03		8278	34.0	34.3	0.3
					<0.03		8279	34.3	34.6	
					<0.03		8280	34.6	34.9	
					27.98		8281	34.9	35.2	
				@ 34.9 35.2 Grey white to smokey qtz vein with	<0.03	908	8282	35.2	35.5	
				strand with low angle	3.77	30%	8283	35.5	35.8	
				fracturing 25° to ca, 2-3%	0.89	South	8284	35.8	36.1	
				pyrite, tr-1% galena and tr	0.82		8285	36.1	36.4	
				sphalerite, several fine	<0.03		8286	36.4	36.7	
				specks visible gold	0.07		8287	36.7	37.0	
					0.21		8288	37.0	37.3	
				35.2 - 39.5 Commonly massive white qtz	0.21		8289	37.3	37.7	
				95% vein local low angle	0.27		8290	37.7	38.0	0.3
				fracturing over a few cm 1-2%						
				pyrite + trace galena and/or						
				sphalerite.						
				2-5 cm low angle fracturing with sulphide						
				@ 36.0-36.1; 36.4-36.5 fracture w sericite						
				and pyrite along fracture; 37.6 fracture						
				with pyrite sericite.						

Wawa Print & Litho Inc

RIVER GOLD MINES LTD

DDH No. 99-80

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				37.8-38.0 tr-1% pyrite along fractures ± tr						
				@ 38.5-39.0 galena						
					<0.03		8291	38.0	38.3	0.3
				39.5-40.6 local moderate stained, white	<0.03		8292	38.3	38.6	0.3
				to light grey qtz vein with low angle fracturing	1.92		8293	38.6	39.0	0.4
				sulphide content 1-2% throughout	<0.03		8294	39.0	39.3	0.3
				± tr galena	1.23		8295	39.3	39.6	0.3
				- fracturing 25-30° to ca.	0.75		8296	39.6	39.9	0.3
					1.65		8297	39.9	40.2	0.3
					28.52		8298	40.2	40.6	0.4
				40.6-41.7 Qtz - massive white qtz,	<0.03		8299	40.6	40.8	0.3
				trace sulphide in rare	<0.03		8300	40.8	41.1	0.3
				fracture.						
Qtz (gb)	41.7	44.5		+Qtz vein, grey white, moderate to well						
				stained with low angle fracturing 25° to ca						
				throughout, local narrow sulf sections						
				5-15 cm with blue grey qtz veinlets.						
				- locally several specks						
				visible gold						

RIVER GOLD MINES LTD

DDH No. 99-80

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				#41.7 - 42.4 grey white qtz vein well						
				stained, 4-5% pyrite several	<0.03		8301	41.1	41.4	0.3
				specks visible gold	<0.03		8302	41.4	41.6	0.2
					49.33		8303	41.6	42.0	0.4
				42.4 - 42.6 Sdf Diorite, well shared,	152.59		8304	42.0	42.3	0.3
				10% blue-grey qtz stringers tr-	3.02		8305	42.3	42.6	0.3
				1% pyrite; contact 25° tca	0.82		8306	42.6	42.9	0.3
					51.90		8307	42.9	43.3	0.4
				#42.6 - 44.1 moderate to well stained white	0.27		8308	43.3	43.5	0.2
				grey qtz, minor red coloured carbonate	0.21		8309	43.5	43.8	0.3
				(1-3%) usually along fractures	0.96		8310	43.8	44.1	0.3
				trace to 2% pyrite locally +	0.07		8311	44.1	44.4	0.3
				trace galena;	<0.03		8312	44.4	44.7	0.3
				43.0 to 43.4 several specks						
				visible gold.						
				44.1 - 44.5 Sdf with 20-25% white						
				qtz veining, 1-2% pyrite;						
				green chlorite alt;						
				veining 25° tca						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 94-80

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Sdf(g1)	44.5'	50.8		Diorite, green-grey, well sheared 25-30°tca;						
				averages 10-12%, 1-3cm grey-white	<0.03		8313	44.7	45.0	0.3
				qtz stringers throughout	0.69		8314	45.0	45.3	
				- alteration dominantly chlorite +	3.09		8315	45.3	45.6	
				moderate silicification	<0.03		8316	45.6	45.9	
				to 2% pyrite locally	0.14		8317	45.9	46.2	
					0.02		8318	46.2	46.5'	
				44.9 - 47.0 15-20% qtz veining	0.07		8319	46.5	46.8	
				with moderate strong blood	<0.03		8320	47.1	47.1	
				red hematite alteration;	0.07		8321	47.4	47.4	
				probable fault gauge 46.3-	0.07		8322	47.4	47.7	
				46.4 m. + pyrite	<0.03		8323	477	48.0	
					<0.03		8324	48.0	48.3	
				47 - 47.4 40-45°. ragged grey-	<0.03		8325'	48.3	48.6	
				white qtz veins, 1-2% coarse	0.07		8326	48.6	48.9	
				pyrite.	<0.03		8327	48.9	49.2	
					<0.03		8328	49.2	49.5'	
				47.4 - 50.4 Fairly uniform well	0.14		8329	49.5'	49.8	
				sheared diorite 30°tca, with 10-12%	<0.03		8330	49.8	50.1	
				grey-glassy qtz stringers throughout,	0.21		8331	50.1	50.4	
				trace pyrite.	<0.03		8332	50.4	50.7	0.3

Wawa Print & Litho. Inc.

RIVER GOLD MINES LTD

DDH No. 99-80

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				50.4 - 50.8 Sheared diorite, 2-3%, minor glassy qtz, shear gradually weakens to massive diorite						
Sb	50.8	91		Diorite, grey-white, medium grained, massive, 3-5% blue qtz, tr coarse pyrite. — rare narrow 1 to 3 cm ragged qtz stringers often with tr pyrite at contact average 1 per 3 to 4 m						
				54.5 6 cm white ragged qtz - tr py						
				73.2 - 73.8 Sdf, poorly developed shear 35° toa, tr pyrite.						
					0.69		8418	89.2	89.6	0.5
				78.4 - 78.9; 25% ragged white-glassy qtz vein material	0.07		8419	89.6	90.0	0.5
					0.07		8420	90.0	90.5	0.5
					<0.03		8421	90.5	91.0	0.5
				89.3 - 91.0 white-grey-glassy qtz vein, massive with 20-30% chlorite inclusions + adjoining fractures						
				91.0 = EOH						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

CO-ORD N 9771162 E 9648.854

D.D. HOLE NO. 99-81

COLLAR ELEV 4982.663

LOGGED Oct 24/99

STARTED Oct 23/99

COMPLETED Oct 23/99

DEPTH collar	AZIMUTH	DIP
39	000	-45

LENGTH 39 CORE SIZE BQ

DRILLED BY Benoit D.D MACH NO. 116

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690886 TWP. Pt. Isaac

PURPOSE Definition ZONE 808 stope

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	2.5	2.5	Casing, left in place, hole cemented						
Sbf	2.5	18.2		Diorite, grey to locally grey-white, medium grained massive - core moderately to well broken & blocky - chloritic + local potassic alt. 10.2 - 16.4 local patchy moderate potassic alteration - tr-1% pyrite 12.0 - 12.4 weakly sheared with white glassy qtz vein 12.2 - 12.3						
				16.4 - 17.5 1/b - Mafic intrusive, dark grey fine grained, massive.						

RIVER GOLD MINES LTD

DDH No. 99-81

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Sdfql	18.2	25'0		Diorite, grey, moderate to well sheared 45° to ca						
				- chlorite & sericite alteration pervasive with						
				local silicification and qtz veining	<0.03		8378	18.0	18.3	0.3
				0.5'-1% diss pyrite	<0.03		8379	18.3	18.6	
					<0.03		8380	18.6	18.9	
				18.2-18.6 weakly sheared	<0.03		8381	18.9	19.2	
					<0.03		8382	19.2	19.5'	
					<0.03		8383	19.5	19.8	
				18.6-20.0 QhQl; 80% massive	<0.03		8384	19.8	20.1	
				white qtz vein with ~15% grey-white	<0.03		8385	20.1	20.4	
				moderately strained veining and 5-10%	<0.03		8386	20.4	20.7	
				sheared basalt sections 3-10cm wide	<0.03		8387	20.7	21.0	
				18.6-19.0 - 2-3% pyrite	<0.03		8388	21.0	21.3	
				19-20.0 tr-0.5% pyite	<0.03		8389	21.3	21.6	
				19.41-19.5' Sds 2% diss pyrite	<0.03		8390	21.6	21.9	
				- contact 40° to ca	<0.03		8391	21.9	22.2	
					<0.03		8392	22.2	22.5'	
				20.0-25.0 Sdf, sheared diorite with 5-7%	<0.03		8393	22.5'	22.8	
				local white-grey qtz veining (1-2cm)	<0.03		8394	22.8	23.1	
				- 1-2% pyrite marginal to veining	<0.03		8395	23.1	23.4	0.3
				22.6-22.7 - white massive qtz vein.			8396	No	Sample	
				23.2-24.0, potassic alt. - 2% pyrite.	<0.03		8397	23.4	24.7	0.3

RIVER GOLD MINES LTD

DDH No. 94-81

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				24.0 - 25.0 Reddish-grey, moderate potassic	<0.03		8398	23.7	24.0	0.3
				alteration with 7-9% qtz	<0.03		8399	24.0	24.3	
				veining +/- 2% pyrite.	<0.03		8400	24.3	24.6	
					0.07		8401	24.6	24.9	
Qtz	25.	26.2		Qtz vein breccia with strong hematite alteration	4.05	808	8402	24.9	25.2	
				and 25-30% sheared diorite fragments	1.71	30 check	8403	25.2	25.5	
				+tr - 0.5% pyrite	0.96		8404	25.5	25.8	
					0.27		8405	25.8	26.1	
					<0.03		8406	26.1	26.4	
					<0.03		8407	26.4	26.7	
Sdfq	26.2	29.2		Diorite, grey well sheared 45° tca, strongly	<0.03		8408	26.7	27.0	
				silicified 25-30% grey-white qtz veining	<0.03		8409	27.0	27.3	
				throughout	<0.03		8410	27.3	27.6	
					0.21		8411	27.6	27.9	
				80-90% well sheared qtz veins	0.07		8412	27.9	28.2	
				27-27.3; 27.6-28.0; and	<0.03		8413	28.2	28.5	
				28.5-28.9m	<0.03		8414	28.5	28.8	
					<0.03		8415	28.8	29.1	
				28.9 - 29.2 sheared diorite gradational	<0.03		8416	29.1	29.4	
				into massive diorite	<0.03		8417	29.4	29.7	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-81

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
56	29.2	39.0		Diorite, medium grained, massive, grey-white, tr - 0.5% coarse pyrite.						
				— weak hematite alt 32.3 - 35.8						
				— 3-5% blue qtz.						
				30.6 - 30.7 rusty gtd white massive qtz						
				39.0 EOH						

Wawa Print & Litho Inc

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-82

CO-ORD N 9803.941 E 9582.152

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4984.320	Collar	190	-60
	15	192	-60
LOGGED Oct 26/99	81	192	-60
STARTED Oct 24/99			
COMPLETED Oct 25/99			

LENGTH 81m CORE SIZE BQ

DRILLED BY Benoit DD. MACH NO.

LOGGED BY C Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690887-86 TWP. Pt. Deacon

PURPOSE Definition ZONE 808 + topo

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	2.5		Casing, left in place, hole cemented						
5b	2.5	32		Diorite, grey-white, massive, medium grained, trace 0.5% coarse pyrite moderately altered, especially chloritic alt, and local hematitic alt.; locally blue qtz 22.4-32.0						
				2.5-5.0 – core blocky. broken						
5bf	32	40.41		Diorite, grey-green, strong pervasive chloritic alteration, hematitic alteration at contact 32-32.1, massive						
				34.6 - 34.9 hematite alt.						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-82

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				34.9 - 35.5 50% rugged white qtz veins and 50% altered diorite with 3-4% pyrite.	<0.03		8531	34.5	34.9	0.4
					<0.03		8532	34.9	35.3	
					<0.03		8533	35.3	35.6	
					<0.03		8534	35.6	36.0	
				37.6 - 38.8 3-4% diss pyrite	<0.03		8535	36.0	36.4	
					<0.03		8536	36.4	36.8	
				38.8 - 40.4 gradual decrease in chloritic alteration.	<0.03		8537	36.8	37.2	
					<0.03		8538	37.2	37.6	
					<0.03		8539	37.6	38.0	
					<0.03		8540	38.0	38.4	
					<0.03		8541	38.4	38.8	
5b	40.4	50.2		Diorite grey-white, medium grained, massive 1-0.5% coarse pyrite, locally minor (<1%) blue qtz	<0.03		8542	38.8	39.2	0.4
					<0.03		8543	39.2	39.5	0.3
5b/5f	50.2	57.4		Diorite grey, weakly sheared & moderate pervasive chloritic alteration, local diss pyrite ±0.5%; contacts gradational.			8544			

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RIVER GOLD MINES LTD

DDH No.

Page _____ of _____

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
SD	57.4	81.0		Diorite, white-grey, medium grained, massive, homogeneous/ent with rare narrow veinlets up to 0.1 to 0.5" weakly altered and sheared. -tr- to rarely 0.5% pyrite.						
				60.9 - 61.7 weakly altered & sheared						
				75.5" - 76.1 weakly altered & sheared						
				81 EOH						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 66 CORE SIZE BQ

D.D. HOLE NO. 99-83

CO-ORD N 9769.209 E 9665.636

DEPTH	AZIMUTH	DIP
Collar	006	-56
15	007	-56
66	007	-56

DRILLED BY Benoit DD. MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690886 TWP. Pt. Deacon

PURPOSE Definition ZONE 808 Stope

COLLAR ELEV 4981.790

LOGGED Oct 27

STARTED Oct 25/99

COMPLETED Oct 26/99

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	4		Casing, left in place, hole cemented						
Sb	4	20.5		Diorite, medium grained, massive, moderate porphyritic texture, local epidote and strong chlorite alteration						
				4 - 10 m core blocky - broke surface weathered.						
				10 - 14 patchy epidote and local weak potassic alt.						
				14 - 21 occasional weak patchy potassic alt.						

RIVER GOLD MINES LTD

DDH No. 99-83

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Sbf	21.0	40.5		Diorite, grey-green, massive, medium grained, pervasive dark green-grey chlorite alteration and weak patassic alt of feldspars						
					<0.03		8544	40.5	40.8	0.3
					<0.03		8545	40.8	41.1	
				33-36 core blocky - broken	<0.03		8546	41.1	41.4	
					<0.03		8547	41.4	41.7	
					<0.03		8548	41.7	42.0	
Sdf	40.5	45.3		Diorite, grey, moderate to well sheared ≈ 40° tca, shearing somewhat erratic	<0.03		8549	42.0	42.3	
					<0.03		8550	42.3	42.6	
					0.07		8551	42.6	42.9	
					0.07		8552	42.9	43.2	
				42.6-43 - moderately silicified, variable 10-20% ragged qtz veining, tr-1% pyrite	3.29	.08 30 oz	8553	43.2	43.5	
					4.66		8554	43.5	43.8	
					13.10		8555	43.8	44.1	
					2.19		8556	44.1	44.4	
				43-43.3 gradational contact with diorite to massive diorite	0.82		8557	44.4	44.7	
					0.07		8558	44.7	45.0	
					0.03		8559	45.0	45.3	0.3

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RIVER GOLD MINES LTD

DDH No.

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
SG	45.3	66		Diorite, gr-grey-white, massive, medium grained, +/- 0.5% coarse pyrite - 2-3% fine blue qtz homogeneous but rare local narrow shearing 0.1-0.2 m and very rare rugged white-glassy qtz vein material						
				53.8 - 54.0 weakly sheared, with 10 cm white qtz vein, tr pyrite, potass-carb at margins						
				59.5 - 59.7 weakly sheared 50° to a.						
				63.8 - 64.3 15% white grey qtz, ragged and 1% coarse pyrite.						
				66 EOH						

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DIAMOND DRILL RECORD

PROJECT: Eagle River

CO-ORD N 9925' E 10175'

D.D. HOLE NO. 99-84

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4990	Collar	185	-46
LOGGED Oct 28/99	15	186	-46
STARTED Oct 26/99	90	189	-45
COMPLETED Oct 27/99			

LENGTH 90 CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River

CLAIM NO. 690867 TWP. Pt. Isaac

PURPOSE Expl ZONE 604

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	40		Casing, left in place - hole cemented						
SG	4.0	44.5		Diorite, grey-white, med. grained, massive,						
				slight porphyritic texture, local weak	<0.03		8601	12	12.4	0.4
				shear zones 0.2 to 2 m	<0.03		8602	12.4	12.8	0.4
				- tr - 0.5% coarse pyrite	<0.03		8603	12.8	13.2	0.4
				- rare narrow 1 to 3 cm qtz stringer / per	<0.03		8604	13.2	13.6	0.4
				3-4 metres except in shear zones	<0.03		8605	13.6	14.0	0.4
				with up to 5-7% qtz veining						
				8.3 - 10.2 weakly sheared 3-5% narrow						
				qtz stringers						
				12 - 5 cm grey-white qtz-carbonate vein						
				12.7 - 14.2 weak shear, 3-5% qtz veins.						

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RIVER GOLD MINES LTD

DDH No. 99-84

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				17.7 - 18.8 weakly sheared 50° tca						
				20.8 - 21.5' Moderately sheared with minor feldspar alt 20.8 - 21.0, 1-3% calcite ± qtz veins						
				33.8 - 41.1 weak fracture and local patchy red potassic alt, with weak foliation.						
				38.4 - 41.1 weak light-green epidote alteration						
				41.4 - 44.5 Epidote alteration of feldspars increasing						
Sdf	44.5	56.9		Diorite, grey-green, moderate to well defined shear 50° tca, intruded by mafic & felsic dykes, chlorite alteration pervasive, local weak Podassic alteration.						

RIVER GOLD MINES LTD

DDH No. 99-84

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				44.5 - 45.7 moderately sheared, pervasive chlorite alt, minor potassic alt, and weak carbonate + tr pyrite						
				45.7 - 50.8 10b Mafic intrusive, dark green, weak foliation, moderate epidote throughout						
				48.5 - 49.0 altered Diorite with red potassic alt and epidote						
				49 - 50.8 - dark green mafic intrusive, minor potassic alteration						
				50.8 51.4 11b Felsic intrusive, red, aphanitic siliceous, weak foliation 1-2% diss pyrite						
				51.4 - 54.7 Dark green-red, strong chlorite alt and patchy red potassic alt.						

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RIVER GOLD MINES LTD

DDH No.

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				54.7 - 55.6 Carbonate breccia vein, white calcite with host rock	<0.03		8606	54.0	54.3	0.3
				breccia fragments (40%) with	<0.03		8607	54.3	54.6	
				abundant hematite alt'n	<0.03		8608	54.6	54.9	
				matrix. ; vein 45° to ca	<0.03		8609	54.9	55.2	
					<0.03		8610	55.2	55.5	
					<0.03		8611	55.5	55.8	
				55.6 - 56.9 Strong to weakly sheared	<0.03		8612	55.8	56.1	
				gradually to massive	<0.03		8613	56.1	56.4	
				altered diorite, and with	<0.03		8614	56.4	56.7	
				weak fracture control to	0.14		8615	56.7	57.0	0.3
				patchy hematite altered	<0.03		8616	57.0	57.4	0.4
					<0.03		8617	57.4	57.8	0.4
Sbt	56.9	69.2		Diorite, massive, medium grained, olive	<0.03		8618	57.8	58.2	0.4
				green to dark green, pervasive						
				epidote alt'n of feldspars to 62.2						
				and mainly chlorite with weak						
				feldspar, potassic alt'n.						
				- gradual change from 62.2 to 63.3						
				meters from epidote to chlorite						
				69.9 to 61.6 - 61.7 Breccia carbonate vein with						
				red hematite altered matrix						

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RIVER GOLD MINES LTD

DDH No.

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				63.3 - 69.2 Chlorite alteration of mafic minerals dominant						
Sb	69.2	78.6		Diorite, massive, medium-coarse grained, grey-pinkish white - weak pervasive potassic alt. tr - 0.5% coarse pyrite						
				76.6 - 76.7 weak shear						
Fb	78.6	80.8		Felsic intrusive, dull red, aphanitic, massive with 3-4% 1-2mm feldspar phenocrysts, siliceous, pervasive potassic alt.						
Sb	80.8	90.0		Diorite, grey-white, massive, slightly porphyritic, local very weak potassic alt., tr-1% 2. pyrite 83.4 - 83.5 weak shear with 7cm breccia carbonate vein with red matrix						

90 EOH

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 100 CORE SIZE BQ

D.D. HOLE NO. 99-85

CO-ORD N 9950 E 10175

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690867 TWP. Mt. Dewar

PURPOSE Expl ZONE 604 zone

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4990	Collar	187	-65
LOGGED Oct 27/99	15	188	-65
STARTED Oct 26/99	81	190	-64
COMPLETED Oct 27/99			

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	1.5		Casing, left in place, hole cemented						
Db	1.5	63.7		Diorite, grey-white, medium grained, dominantly massive but with local 0.5-2 meter sections weakly sheared, 2-3% blue qtz -to- 0.5% coarse pyrite -alteration more or less limited to weakly sheared sections with weak carbonate, and pervasive chlorite -minor narrow 1to3cm qtz stringers usually within narrow sheared sections						
				3-6.5 local narrow 0.3-0.4 meter weakly sheared sections with narrow qtz veining especially 6.2-6.3 m						

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RIVER GOLD MINES LTD

DDH No. 99-85

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				11.7 - 13.1 weakly sheared 45° tca, carbonate - calcite stringers common, and 3cm qtz vein @ 12.7m						
				16.9 - 21.3 Weakly sheared, fine calcite stringers defines weak foliation 45° tca - weak potassic alt to 18m						
				2-3cm qtz stringers @ 17.2, 17.4, 19.2, & 19.5m						
				23-24m - core blocky & broken						
				24.2 - 24.7 weak shear, minor calcite veining						
				27.4 - 28.1 weak shear, ~5% glassy qtz veins, contacts gradual over 5-7cm						
				29.9 - 30.0 white massive qtz vein 50° tca						

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RIVER GOLD MINES LTD

DDH No. 99-85

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				31.5 – 32.2 weakly sheared, with 5% white-grey qtz 32.1 – 32.2						
					<0.03		8562	31.7	32.0	0.3
					<0.03		8563	32.0	32.3	0.3
					<0.03		8564	32.3	32.6	0.3
				38.8 – 40.1 weak shear 45° to ca, minor potassic alteration with 5% qtz veining from 38.8 – 40.0	<0.03		8565	32.6	33.0	0.4
					<0.03		8566	39.0	39.4	0.4
					0.69		8567	39.4	39.8	0.4
					46.76		8568	39.8	40.2	0.4
					<0.03		8569	40.2	40.6	0.4
				43.0 – 43.4 weak – poorly developed shear 45° to ca with 2cm grey qtz vein with 3% pyrite						
					<0.03		8570	42.7	43.0	0.3
					<0.03		8571	43.0	43.4	0.4
					<0.03		8572	43.4	43.7	0.3
				45 – 45.5 very weak potassic alt., slight reddish colour.						
				46.8 – 48.1 very weak poorly developed shear						
				48.1 – 57 – weak light reddish potassic alt.						
				57 – 57.8 moderately sheared 45° to ca, with weak potassic alt., 5% calcite – qtz veins						

RIVER GOLD MINES LTD

DDH No. 99-85

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				57.7 63.7 medium coarse grained slightly porphyritic and weak potassic alteration	<0.03		8594	85.2	85.5	0.3
					<0.03		8595	85.5	85.8	
					<0.03		85'96	85.8	86.1	
					<0.03		85'97	86.1	86.4	
					<0.03		85'98	86.4	86.7	
5df	63.7	68.3		Diorite, grey-red, moderately sheared, tca, chloritic and moderate potassic alt throughout, patchy epidote locally tr pyrite	<0.03		85'99	86.7	87.0	0.3
	6? zone				<0.03		8600	87.0	87.4	0.4
	shear									
					<0.03	7 vn 63 sheared	8573	68.6	69.0	0.4
					<0.03		8574	69.0	69.3	0.3
10be	68.3	73.1		Mafic Intrusive dyke, dark green, weakly sheared 45 tca, fine grained, 2-3% fine calcite stringers, tr pyrite	<0.03		8575	69.3	69.6	0.3
					<0.03		8576	77.7	78.0	0.3
					<0.03		85 77	78.0	78.3	0.3
				3cm qtz vein - grey, 1-2% pyrite	<0.03		85 78	78.3	78.6	0.3
				marginal to vein, vein 50° tca	<0.03		85 79	78.6	78.9	0.3
5df	73.1	92.6		Diorite, grey-red, moderate to well sheared						
	8 zone shear			but with massive diorite 75.4 to 77.2m,						
				pervasive chlorite						
				78.0 - 79.9 moderate - strong potassic alt						

RIVER GOLD MINES LTD

DDH No. 99-85

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				78.2 - 78.5 white brecciated qtz-calcite vein with moderate red hematite alteration envelope						
				78.5 - 84.0 moderate to well sheared with strong hematite alteration to 79.5 and weakly altered to 84.0						
				81.9 two 2cm carbonate breccia veins						
				83.4 - 83.6 Qtz tourmaline vein, sub parallel core axis						
				83.6 - 84.0 dull red, strong hematite alteration						
				84.0 — 88.2 moderately sheared, weak hematite alteration; 1-5% coarse pyrite 86.5 — 86.7						

RIVER GOLD MINES LTD

DDH No. 99-85

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				88.2 - 88.5' Qtz vein, grey white, +-1% pyrite marginal to vein.						
					<0.03		85 80	87.4	87.8	0.4
					<0.03		85 81	87.8	88.2	0.4
				88.5' - 89.2 well sheared with 10 cm white q-z vein	<0.03		85 82	88.2	88.5'	0.3
					<0.03		85 83	88.5	88.9	0.4
					1.37		8584	88.9	89.3	0.4
				89.2 - 90.1 1/6 - Feldspar porphyry	<0.03		85 85	89.3	89.7	0.4
				pink-red, aphanitic with	<0.03		85 86	89.7	90.0	0.3
				2-3% 1-2mm feldspar	<0.03		85 87	90.0	90.3	0.3
				phenocrysts, 1-2% fine	0.07		85 88	90.3	90.6	0.3
				disspy, contact 50° tca						
					<0.03		85 89	97.7	98.0	0.3
				5cm white qtz vein at upper	<0.03		85 90	98.0	98.3	0.3
				contact.	<0.03		85 91	98.3	98.6	0.3
					<0.03		85 92	98.6	99.0	0.4
				90.1 - 92.6 - Pyrite, moderately sheared	<0.03		85 93	99.0	99.4	0.4
				with moderate red alteration of						
				feldspars,						
				3cm qtz vein let @ 92.5m						

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RIVER GOLD MINES LTD

DDH No. 99-85

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
10b	92.6	94.0		Mafic Dyke, dark green, fine grained, weakly foliated, low angle contacts 20-25° t.c.a, local tr pyrite						
				92.9 - 2cm white qtz stringer						
5b+	94	97.5		Diorite, grey-white, medium grained, massive, and porphyritic, moderate epidote alt of feldspars, tr-0.5% pyr Contacts 30° t.c.a						
10b	97.5	100		Mafic - Intermediate intrusive, grey-red, fine grained, moderate hematite alteration throughout, local epidote in fractures, tr-1% pyrite except 98.0-98.2 5-6% fine diss pyrite.						
				100 EOH						

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RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-86

CO-ORD N 9975 E 10150

COLLAR ELEV 4990

LOGGED Oct 29/99

STARTED Oct 27/99

COMPLETED Oct 28/99

DEPTH	AZIMUTH	DIP
Collar	192	-60
15	192	-60
60	194	-59
129	198	-56

LENGTH 129 CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690867 TWP. Pt. Isaac

PURPOSE Expl ZONE 604

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	0.5		Casing, left in place, hole cemented						
5b	0.5	52.5		Diorite, grey white, medium grained, massive, 2 -0.5% coarse pyrite						
				- locally poorly developed weak schistose zones 0.2 to 2.0 meters						
				- occasional fine grained mafic dyke up to 2 meters						
				- rare 1-2cm glassy qtz stringers, averages 1 per 2 to 3 metres						
10b	11.9	13.8		Mafic dyke, dark green, fine grained massive, contacts 50° to ca						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-86

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				21-22.2 10b, Mafic Dyke, dark green fine grained massive						
				22.2 - 24.3 weakly sheared with moderate patchy potassic alt						
				25.5-26.1 weakly sheared, two 2cm qtz veins						
				29.8 - 29.9, 30.8-31.5 weak potassic alt						
				30.4 - 30.5 sheared 30 to ca						
				35.5 - 40.1 Weak local patchy potassic alt.						
				42.2 - 42.7, 10bj Mafic dyke, dark green, fine grained, weak shear						
				44.4 - 5.6 Moderate shear, weakly silicified, trpy						

RIVER GOLD MINES LTD

DDH No. 99-86

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
Sbbf	52.5	70.5		Diorite, grey, weakly to moderately sheared 45° tca, weakly silicified 5-7% narrow qtz stringers, and fine carbonate (calcite) stringers common defining foliation; one trace pyrite.						
				52.5 - 61.5 Sheared as described above						
				61.5 - 70.5 Variable massive diorite to shear weakly-moderately 50° tca over widths of 0.3 to 1.1m shears silicified with 3 to 7 cm white grey qtz veining	.07		8620	66.0	66.4	0.4
					.18		8621	66.4	66.8	0.4
					.34		8622	66.8	67.2	0.4
					<0.03		8623	67.2	67.6	0.4
					<0.03		8624	67.6	67.9	0.3
					<0.03		8625	67.9	68.3	0.4
					<0.03		8626	68.3	68.6	0.3
				2 to 3 cm qtz stringers 66.1; 66.6, 66.7 67.0, 67.9	<0.03		8627	68.6	69.0	0.4
					0.41		8628	69.0	69.4	0.4
					<0.03		8629	69.4	69.7	0.3
				5-7 cm qtz veinlets 67.0; 68.7, 70.4						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-86

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
5b	70.5	90.8		Diorite, white-grey, massive, medium grained, 2-3% blue qtz, equigranular & homogeneous.						
				- minor fracture control chlorite locally						
				- tr-0.5% pyrite						
				79.5 - 82.0 local weak patchy potassic alt						
				80.4 - 80.7 11b, felsic porphyry dyke 1cm qtz at contact 80.7.						
				87.9 5cm white qtz vein.						
				88.9 3cm white qtz stringer						
5df 6z zone Shear	90.8	99.6		Diorite, grey, moderately sheared 53° tca, weak carbonate alt and silicification with pervasive chlorite alt. (<3% qtz veining) and rare trace pyrite						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No.

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				95.1 – 98.5 10b Mafic Intrusive dyke, dark green/black, fine grained,						
				weakly sheared, pervasive	<0.03		8630	91.8	92.1	0.3
				chlorite alt, and abundant	0.75		8631	92.1	92.4	0.3
				leucoxene, tr-pyrite.	0.27		8632	92.4	92.7	0.3
				Contacts 40° tca	0.07		8633	92.7	93.0	0.3
					0.07		8634	93.0	93.4	0.4
				98.5 - 99.6 gradual decrease in shear						
				intensity to massive diorite						
	99.6	100.6		Diorite massive, grey-white, medium grained,						
5df	100.6	116.0		Diorite, variable from weak to strongly						
8gor	sheared			sheared, grey white, local weak						
				sed potassic alt. trace pyrite						
				101.3 – 101.7 10b, Mafic dyke, dark						
				green fine grained, moderately						
				sheared,						
				101.7 – 104.9 moderate potassic alt to						
				102.6 then weak to 104.9.						

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RIVER GOLD MINES LTD

DDH No. 99-86

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				102.6 – 106.4 weak shear to massive diorite						
					<0.03		8635	101.7	102.0	0.3
					<0.03		8636	102.0	102.3	0.3
				106.4 – 109.4 moderately sheared, with felsic dyke 107.2 – 107.5	<0.03		8637	102.3	102.6	0.3
					<0.03		8638	107.4	107.7	0.3
				107.9 – 108.0 Qtz tourmaline vein, 1% py	<0.03		8639	107.7	108.0	
					<0.03		8640	108.0	108.3	
				108.8 – 108.9 felsic dyke	<0.03		8641	108.3	108.6	
					<0.03		8642	108.6	108.9	
				109.3 – 111.6 11b felsic dyke, light grey, aphanitic with 2-4% feldspar phenocrysts 1-2% fine pyrite	<0.03		8643	108.9	109.2	0.3
				111.6 – 116.0 Moderately sheared diorite, chlorite alt of mafic minerals, tr-0.5% coarse pyrite.						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No.

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
Sbdt	116.0	129		Diorite grey-white, massive to weakly sheared, variable throughout, medium grained, moderate porphyroitic texture						
				116.0 - 116.7 Mafic Dyke, fine grained dark green, massive						
				116.7 - 124.6 Mainly massive diorite as above local weak foliation, typical						
				124.6 - 125.7 Mafic dyke as above, contacts 50°ca						
				125.7 - 129 Diorite as above; porphyritic						
				129 = EOH						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-87

CO-ORD N 9975 E 10175

COLLAR ELEV 4990

LOGGED Oct 30/99

STARTED Oct 28/99

COMPLETED Oct 29/99

	DEPTH	AZIMUTH	DIP
Collar	15	193	-65
		194	-64

LENGTH 130 CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690867 TWP. Point Isacor

PURPOSE Expl ZONE 604

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	1		Casing, left in steel, hole cemented						
					<0.03		8644	2.0	2.4	0.4
Sdf	1	6.3		Diorite, moderately sheared, fcg, grey, mill silicified with 20% glassy qtz veining, local true pyrite.	<0.03		8645	2.4	2.7	0.3
					<0.03		8646	2.7	3.0	0.3
					<0.03		8647	3.0	3.4	0.4
					<0.03		8648	3.4	3.8	
					<0.03		8649	3.8	4.2	
Sb	6.3	55		Diorite, grey-white, massive, porphyritic, med grained, locally intruded by fine grained mafic dykes occasional poorly developed shear zones 0.5 - 2.0 m wide	<0.03		8650	4.2	4.6	
					<0.03		8651	4.6	5.0	
					<0.03		8652	5.0	5.4	
					<0.03		8653	5.4	5.8	
					<0.03		8654	5.8	6.2	
					<0.03		8655	6.2	6.6	0.4
				9.3-9.8 weakly sheared with weak potassic alteration, 2% qtz stringlers and minor carbonate						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No.

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				12-13.9 10b, Mafic Dyke, fine grained, dark green, local vuggs 1-3mm, 1-2% pyrite cubes, weak carbonate alt.						
				17.1 & 17.3 3cm white qtz vein						
				18.8 - 22.2 10b Mafic dyke						
				24-36 very weak local patchy potassic alteration						
				48-48.3 weak narrow shear 45°tca with 7% qtz veining + fine calcite stringers						
				51.4 - 53.1 moderately sheared 45°tca with foliated mafic dyke 52.0 to 52.8; 3 to 4 cm qtz veinlets 52.5 & 52.9						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-87

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Sdt	55	59.6		Diorite, grey, moderately sheared, 45° to ca						
				with weak patchy potassic alteration						
				- minor carbonate alt, calcite stringers						
				defines foliation	<0.03		8695	54.6	54.9	0.3
				- trace pyrite	<0.03		8696	54.9	55.2	
					<0.03		8697	55.2	55.5	
				55 - 56.4 Moderate silicification with	<0.03		8698	55.5	55.8	
				with 30% white-grey qtz and weak potassic alt	<0.03		8699	55.8	56.1	
				tr-1% fine pyrite	<0.03		8700	56.1	56.4	
					<0.03		8701	56.4	56.7	
				56.4 - 57.8 10% Mafic dyke dark	<0.03		8702	56.7	57.0	0.3
				green, fine grained, well						
				sheared, abundant carbonate						
				25-30%, tr py						
				57.8 - 59.6, moderate sheared						
				diorite, porphyritic texture						
				still distinguished, fine						
				calcite along foliation						
				common throughout.						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-87

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
SG	59.6	62.7		Diorite, grey-white, massive, medium grained porphyritic, as above						
					<0.03		8656	64.5'	64.8	0.4
					<0.03		8657	64.8	65.2	0.4
SDF	62.7	75.6		Diorite, grey, mainly weak to moderate	<0.03		8658	65.2	65.6	0.4
	6 zone			shearing to 73.9m, shear 45° to ca	<0.03		8659	65.6	66.0	0.4
	Shear			- weakly silicified throughout	<0.03		8660	66.0	66.3	0.3
				5-7% 1 to 2cm grey-white qtz						
				veining, weak pervasive	<0.03		8661	70.4	70.8	0.4
				carbonate	<0.03		8662	70.8	71.2	0.4
				- tr ass pyrite	<0.03		8663	71.2	71.6	0.4
				65' - 65.4 potassic alt (Red) with	<0.03		8664	71.6	72.0	0.4
				10% qtz + calcite, tr py	<0.03		8665	72.0	72.3	0.3
					<0.03		8666	72.3	72.6	
				66.2 & 70.4 2cm white qtz vein,	0.27		8667	72.6	72.9	
					<0.03		8668	72.9	73.2	
					<0.03		8669	73.2	73.4	
				* 73.9 - 75.6 intensely sheared 45°/ca,	<0.03		8670	73.4	73.7	
				moderately silicified with	0.14		8671	73.7	74.0	
				grey-white qtz, 73.95 - 74.2'	5.11		8672	74.0	74.3	
				with 2 speck visible gold & tr pyrite	0.07		8673	74.3	74.7	0.3
				74.8 - 75.1 feldspar porphyry - light red-grey, aphanitic						

RIVER GOLD MINES LTD

DDH No. 99-87

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
5b	75.6	103.6		Diorite, grey white, massive, weakly porphyritic, minor (1-2%) blue q/z +- 0.5% coarse pyrite						
					<0.03		8674	74.7	75.0	0.3
					0.07		8675	75.0	75.3	0.3
					<0.03		8676	75.3	75.6	0.3
				82.7 - 83.5 11b, Feldspar porphyry, reddish grey, aphanitic, massive with 7-8% 1-2mm feldspar phenocrysts, upper contact low angle to core axis ~10°, lower contact 80° to ca	<0.03		8677	75.6	75.9	0.3
				87 - 100.0 Diorite, massive weak patchy potassic alt often enveloping fractures						
				100.0 - 101.5 5ds Diorite moderately sheared 50° to ca, chloritic, weak silicification, 5% q/z stringers, minor carbonate, and weak potassic alt,						
				101.5 - 103.6 Diorite as above						

RIVER GOLD MINES LTD

DDH No. 99-87

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
Sh f	103.6	111.4		Diorite, grey-red, well sheared, 45° tca						
Shear Zone				chloritic, weak/moderately silicified,	<0.03		8678	103.8	104.2	0.4
				and carbonate alteration;	0.07		8679	104.2	104.6	0.4
				106.1-110 moderate-strong potassic alt.	<0.03		8680	104.6	105.0	0.4
				-tr pyrite	<0.03		8681	105.0	105.4	0.4
					0.14		8682	105.4	105.8	0.4
				103.6-104.8 moderately sheared,	0.41		8683	105.8	106.2	0.4
				gradational contact, weakly	<0.03		8684	106.2	106.5	0.3
				silicified, 5-8% qtz veinlets.	<0.03		8685	106.5	106.8	0.3
					0.07		8686	106.8	107.1	0.3
				104.8-106.2 10b, Mafic dyke,	0.27		8687	107.1	107.5	0.3
				dark green, fine grained, weakly	<0.03		8688	107.5	107.8	0.3
				sheared, 4.5% calcite fracture	0.07		8689	107.8	108.0	0.2
				control stringers with minor 1-2%	0.07		8690	108.0	108.4	0.4
				grey qtz, contacts 60° tca	0.27		8691	108.4	108.8	0.4
					<0.03		8692	108.8	109.2	0.4
				106.2-107.6 moderate-strong potassic	<0.03		8693	109.2	109.5	0.3
				alteration, weak carbonate	<0.03		8694	109.5	109.9	0.4
				& silicification except at						
				contacts with brecciated						
				ruggy carbonate veins 5 to 7 cm						
				at contacts						

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RIVER GOLD MINES LTD

DIAMOND DRILL RECORD

DDH No. 99-87

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				107.6 - 108.05 Mafic dyke as above dark green etc, contacts 65° to c.a.						
				108.05 - 109.4 Moderately sheared, weakly altered except 109.0 - 109.4 moderate - strong potassic alt and silicified with 4 cm grey qtz vein, trace pyrite						
				109.4 - 110.1 116, Felsic dyke, dark red, aphanitic, massive with 7 - 8% 1mm feldspar phenocrysts						
				110.1 - 111.4 Diorite grey - white moderate to weak shear grading to massive diorite						

RIVER GOLD MINES LTD

DDH No. 99-87

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
Sb	111.4	130		Diorite, medium-coarse grained, massive, 1-2% blue qtz; tr-0.5% pyrite						
				120.3-121.5' weak shear 40° to ca						
				129.2-129.97 l/b, matic dyke, dark green, fine grained, massive, contact 60° to ca						
				129.97-130.0 Diorite, as above.						
				130.0 EOH						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 117 CORE SIZE BQ

CO-ORD N 9734.366 E 9645.264

D.D. HOLE NO. 99-88

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690886 TWP. Pt. Isacor

PURPOSE definition ZONE 808 stope

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4992.671	18	360	-61
LOGGED Oct 31/99	60	360	-61
STARTED Oct 30/99	117	001	-61
COMPLETED Oct 30/99			

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	1.5		Casing, left in place, hole cemented						
10f	1.5	14.5		Gabbro, dark green-black, fine grained massive rare fracture with calcite filling - tr - 0.5% coarse pyrite						
				13.0 - 14.5 dark-med grey, probable chill margin with up to 1% pyrite cubes						
5b	14.5	94.8		Diorite, grey-white, massive, medium grained, porphyritic, tr - 0.5% coarse pyrite, homogeneous.						
				contact with gabbro sharp 45° to a						
				26.6 - 27.0 weak potassic alt.						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-88

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				52.7 4 cm white qtz vein, tr cy on						
				d 62.7 margins						
				63 to approx 68 m V. weak plagioclase						
				alteration, local reddish						
				colour.						
				1cm qtz stringers @ 67.2, 68.1, 68.3						
5dS	94.8	95.3		Diorite, grey, gradually from massive	<0.3		8703	93.9	94.2	0.3
S-zone shear				diorite to intensely sheared low	<0.3		8704	94.2	94.5	
				angle to core axis 30-35° to a	<0.3		8705	94.5	94.8	
				N/S to 183 zone also 94.8 to 104.9 meters.	<0.3		8706	94.8	95.1	
8gl	95.3	99.3		S zone, E08 zone qtz vein,	0.07		8707	95.1	95.4	
					0.14		8708	95.4	95.7	
				95.3-96.2 - Massive white to very light	8.02		8709	95.7	96.0	0.3
				grey Qh, qtz vein, rare trace						
				pyrite.						

RIVER GOLD MINES LTD

DDH No. 99-88

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				96.2 - 97.6 Ql, grey-white well laminated 30-35° tca with chlorite-sericite along strain planes.						
				- trace - 1% pyrite along with chlorite,	0.55		8710	96.0	96.3	0.3
					1.37		8711	96.3	96.6	
					0.14		8712	96.6	96.9	
				97.2 6cm grey-smokey qtz with 2% pyrite	1.51		8713	96.9	97.2	
					1.71		8714	97.2	97.5	
					<0.03		8715	97.5	97.8	
				97.2 - 97.4 core blocky broken	<0.03		8716	97.8	98.1	
					0.48		8717	98.1	98.4	
				97.6 - 98.3 Grey-smokey qtz vein	4.18		8718	98.4	98.7	
				with low angle 30° fractures, includes 15-20% intensely silicified 5df	1.65		8719	98.7	99.0	0.3
				- 2-3% coarse pyrite						
				98.3-98.6 Ql, grey white qtz vein, core blocky - broken 1-2% py						
				98.6 - 98.8 5df, intensely altered well silicified diorite 2-3% coarse py						

RIVER GOLD MINES LTD

DDH No. 99-88

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
					0.62		8720	99.0	99.3	0.3
				98.8 - 99.3 QL, grey-smokey qtz vein	<0.03		8721	99.3	99.6	
				with up to 30% sdt as 0.5 cm	0.27	1.11	8722	99.6	99.9	
				stringers, 1-2% py	2.33	2.4	8723	99.9	100.2	
				- sdt red-orange coloured potassic	38.33	1.16 FW	8724	100.2	100.5'	
				altered throughout	9.53		8725	100.5'	100.8	
					0.14		8726	100.8	101.1	
sdf	99.3	99.9		99.3 - 99.9 sdf, intensely sheared 40° tca	<0.03		8727	101.1	101.4	
				weakly silicified, tr-1% pyrite	<0.03		8728	101.4	101.7	
					<0.03		8729	101.7	102.0	
					<0.03		8730	102.0	102.3	
QDL	99.9	101.0		99.9 - 101.0 QL, light grey-white, well	<0.03		8731	102.3	102.6	
				stained, with red hematite	<0.03		8732	102.6	102.9	
				altered fractures, tr-1% py	<0.03		8733	102.9	103.2	
				along or marginal to fractures	<0.03		8734	103.2	103.5'	
					<0.03		8735	103.5'	103.8	
sdf	101.0	104.9		Diorite grey, intensely sheared 35-40°	<0.03		8736	103.8	104.1	
				tca, strong chlorite-sericite	<0.03		8737	104.1	104.4	
				alt., locally moderate to well	<0.03		8738	104.4	104.7	
				silicified	<0.03		8739	104.7	105.0	
				tr-0.5% coarse pyrite	<0.03		8740	105.0	105.3	0.3

RIVER GOLD MINES LTD

DDH No. 99-88

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				101.0 - 102.9 - weakly silicified, 5-7% narrow 1-2 cm sugar white qtz stringers						
				102.9 - 103.2, well silicified, 80% white sugar qtz veining with 80% sdt stringers (2-3cm) tr - 0.5% pyrite sheared 35-40 ca						
				103.2 - 104.9 well sheared to gradual massive diorite, 103.6 - 103.9 20% qtz stringers - white sugar texture fine 0.5 - 2% coarse pyrite.						
5b	104.9	117		Diorite, medium grained, massive, grey-white, equigranular, 1-2% blue qtz, tr - 0.5% pyrite						
				110.7 - 111.5 moderately sheared 35° to ca 10% qtz veining, 0.5 - 1% pyrite						

RIVER GOLD MINES LTD

DDH No. 99-88

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				111.5 - 117.0 Massive diorite as above						
				117.0 EOH						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

CO-ORD N 9800 E 11025

D.D. HOLE NO. 99-89

COLLAR ELEV 4955'

LOGGED Nov 11-12/99

STARTED Nov 11/99

COMPLETED Nov 11/99

DEPTH	AZIMUTH	DIP
collar	190	-45°
20	magnetic	-44
66	191	-44

LENGTH 66 CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690847 TWP. Pt Isaacs

PURPOSE Expl ZONE 814

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	3.0		Casing left in place, hole cemented						
Sb	3.0	8.1		Diorite, grey-white, medium coarse grained, massive, 10-15% mafic - ultramafic inclusions, chlorite alteration of mafic minerals, tr - 0.5% coarse pyrite						
				6.9 - 8.1 Fine grained more mafic to ultramafic section						
					<0.03		8772	7.5	7.8	0.3
					0.07		8773	7.8	8.1	
QV	8.1	8.9		Qtz - tourmaline vein, white-grey to smoky	0.21		8774	8.1	8.4	
				massive qtz vein contained in	<0.03		8775	8.4	8.7	
				moderate shear, qtz moderately strained	<0.03		8776	8.7	9.0	0.3
				with 10-12% tourmaline along stram fractures and						
				marginal to vein, tr py						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 90-89

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				8.3 - 8.4 sheared diorite, green grey						
					<0.03		8777	9.0	9.4	0.4
5bdf	8.9	12.1		Diorite weak to moderately sheared 50° to ca	<0.03		8778	9.4	9.8	0.4
				grey-green with feldspar phenocrysts	<0.03		8779	9.8	10.2	0.4
					<0.03		8780	10.2	10.6	0.4
				10.6 - 11.1 50% ragged white	<0.03		8781	10.6	10.9	0.3
				qtz vein material	<0.03		8782	10.9	11.3	0.4
				if b						
5b	12.1	35.0		Diorite, grey-white, medium grained, massive, weak porphyritic texture, 2-3% blue qtz						
				- trace - 0.5% coarse pyrite						
				- sections 0.2 to 1.2 m weakly sheared.						
				32.0 - 33.3 Moderately sheared 75° to ca, chloritic and moderate carbonate - calcite defines foliation						
				33.3 - 35.0 very weak poorly defined foliation						

RIVER GOLD MINES LTD

DDH No. 99-89

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Sdf	35.0	36.6		Diorite, green-grey, gradual from weak to well sheared 50-55° tca						
				— calcite content increasing	0.07		8783	35.4	35.7	0.3
				— tr py	0.07		8784	35.7	36.0	
				1 cm smokey qtz stringers 35.9, 36.1, 36.3, tr py marginal to veinlets.	<0.03		8785	36.0	36.3	
					<0.03		8786	36.3	36.6	
					<0.03		8787	36.6	36.9	
					<0.03		8788	36.9	37.2	
Sdfq/	36.6	40.5		Diorite, grey-green, well sheared 55° tca, well silicified with variable	0.21		8789	37.2	37.5	
				30-50% white to grey smokey	0.14		8790	37.5	37.8	
				qtz veining with carbonate	11.72		8791	37.8	38.1	
				and biotite alteration	0.07		8792	38.1	38.4	
				— tr-1% marginal to qtz veining	0.14		8793	38.4	38.7	
					0.14		8794	38.7	39.0	
					0.07		8795	39.0	39.3	0.3
				36.6 - 37.0 white grey qtz vein moderately	<0.03		8796	39.3	39.7	0.4
				strained	<0.03		8797	39.7	40.0	0.3
					<0.03		8798	40.0	40.3	0.3
				37.0 - 38.6 - 30-35% grey-smokey	<0.03		8799	40.3	40.7	0.4
				qtz veining with 20 cm	<0.03		8800	40.7	41.0	0.3
				qtz vein 37.6-37.8, 10cm						
				vein 38.2-38.3 and						
				narrow 2cm veinlets throughout						

RIVER GOLD MINES LTD

DDH No. 99-84

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				38.6 - 40.5. 25-30% grey-white qtz veining with 85-90% grey qtz veining from 39.35 to 39.7 and 5cm grey qtz vein @ 40.1m						
IMe	40.5	41.1		Mafic Volcanic dark green, well sheared to gradually massive volcanic, calcite stringers foliation, contact sharp 50° to ca maybe 5-10% local qtz pods						
IMd	41.1	66.0		Mafic Volcanic, green grey, massive, fine grained, pervasive green chlorite, 3-6% fracture control calcite ± white qtz - locally intruded by fine aphanitic felsic dykes						
				very weak shear fabric to about 43m						

RIVER GOLD MINES LTD

DDH No.

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				56.8 – 57.6 1/a felsic dyke, light grey, massive, aphanitic, contacts 70° tca						
				59.8 – 61.3 1/a, felsic dyke, light grey, very fine to aphanitic, massive, contacts 40° tca						
				59.8 – 60.1 50% fracture fill qtz - calcite						
				61.3 – 66.0 myic volcanics, dark green fine grd, massive t/c						
				66.0 EOH						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 96m CORE SIZE BQ

D.D. HOLE NO. 99-90

CO-ORD N 9800 E 11025'

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690847 TWP. Pt. Isaacs

PURPOSE Exp' ZONE 814

	DEPTH	AZIMUTH	DIP
collar	15'	192	-59.5'
	51	194	-59.0
	96	196	-58.0

COLLAR ELEV 4955

LOGGED Nov 11/99

STARTED Nov 10/99

COMPLETED Nov 10/99

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	1.5		Casing, left in place, hole cemented						
Sb	1.5	8.7		Diorite, grey-white, medium-coarse grained massive with mafic inclusions (xenoliths). 10-15% of total.						
				- trace pyrite	<0.03		87441	8.0	8.3	0.3
				5.7-8.7 Fine grained, massive,	<0.03		87442	8.3	8.7	0.4
				15-20% mafic inclusions,	<0.03		87443	8.7	9.0	0.3
				weak porphyry texture	<0.03		87444	9.0	9.3	0.3
					0.07		87445	9.3	9.6	0.3
QV	8.7	10.3		Quartz-tourmaline vein massive grey-white to glassy with 5-7% black	0.62		87446	9.6	9.9	0.3
				tourmaline along quartz margins	0.07		87447	9.9	10.2	0.3
				and in fractures, trace pyrite	0.07		87448	10.2	10.5'	0.3
					<0.03		87449	10.5'	10.8	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-90

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
Sbdf	10.3	12.4		Diorite, grey moderate to weakly sheared 50° to ca, medium grained, porphyritic, chloritic, minor carbonate, calcite stringers defines foliation, tr pyrite - shearing weakens with depth.						
Sb	12.4	50.7		Diorite, medium - coarse grained, grey-white, massive (unit local sections 0.3 to 1.5 m weakly to rarely moderately sheared, porphyritic - 1-3% blue qtz eyes - chlorite alteration of mafic minerals pervasive. - rare 2cm to 3cm white qtz stringers - averages 1 per 3 to 4/m - tr - 0.5% coarse pyrite						
				16.4 - 17.9 weakly sheared 50° to ca						
				20.5 - 21.2 weak to moderate and 22.3 - 22.7 shear						

RIVER GOLD MINES LTD

DDH No. 99-90

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				35.2 - 35.6 moderate shear with weak potassic alteration @ 35.4 for 4 cm.						
				36.7 - 36.9 - shear, strongly chloritic						
				40.8 - 42.3 moderate to strong shear 60° tca, chlorite and biotite alt, carbonate as calcite stringers, and weakly silicified						
				49.3 - 49.5 sheared, strong chlorite						
Sdf	50.7	56.5		Diorite, grey-green, well sheared 55 tca, strong chlorite alt, weak biotite; moderate carbonate alt.	<0.03		8750	51.0	51.3	0.3
				weak silicification, 5-7%	<0.03		8751	51.3	51.6	
				smokey grey qtz ndelets esp.	<0.03		8752	51.6	51.9	
				51.5 to 54.5			8753	51.9	52.2	0.3
				51.7 - 51.8 smokey Qtz vein, trpy		SIH				
				1cm to 2cm Qtz stringers @ 54.0; & 55.3						

RIVER GOLD MINES LTD

DDH No. 99-90

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Mfc	56.5	57.5		Mafic Volcanic, dark green, fine grained, well sheared 55° tca, chloritic,						
				– 5cm grey smokey qtz vein at contact, 35° tca	<0.03		8754	52.2	52.5	0.3
					<0.03		8755	52.5	52.8	
					0.34		8756	52.8	53.1	
					0.27		8757	53.1	53.4	
Mfc	57.5	96.0		Mafic Volcanic, dark green-grey, fine grained, massive but local	<0.03		8758	53.4	53.7	
				weak sheared sections 0.3 to 1.2m	<0.03		8759	53.7	54.0	
					<0.03		8760	54.0	54.3	
				– rare fine pyrite	<0.03		8761	54.3	54.6	
				– occasional narrow 0.1–0.3m	<0.03		8762	54.6	54.9	
				feldspar porphyry dykes.	<0.03		8763	54.9	55.2	
					<0.03		8764	55.2	55.5	
				– calcite ± white qtz fracture	<0.03		8765	55.5	55.8	
				filling common throughout	<0.03		8766	55.8	56.1	
				5–7%, locally 8–10% within	<0.03		8767	56.1	56.4	
				weakly sheared sections	<0.03		8768	56.4	56.7	
				– very rare fine pyrite	<0.03		8769	56.7	57.0	
				63.4 5cm white qtz veinlet 30° tca	<0.03		8770	57.0	57.3	
				69.4–69.6 white massive qtz vein 30° tca	<0.03		8771	57.3	57.6	0.3
				59.0–59.8 Felsic Dyke, light grey massive						

RIVER GOLD MINES LTD

DDH No. 99-90

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				71.3 - 72.2 8-10% carbonate, weakly sheared section						
				80.5 - 81.0 8-10% calcite and white qtz						
				86.0 - 86.2 10% feldspar porphyry						
				86.2 - 87.4 10-12% erratic calcite and white qtz						
				90.6 - 90.8 Diorite dyke, fine grained massive, 80° to a						
				96.0 EOH						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

CO-ORD N 9810 N E 11050E

D.D. HOLE NO. 99-91

	DEPTH	AZIMUTH	DIP
COLLAR ELEV 4950	collar	185°	-60
LOGGED Nov 13/99	15'	185°	-60
STARTED Nov 12/99	78	186	-59
COMPLETED Nov 12/99			

LENGTH 81 CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690847 TWP. Pt. Dawson

PURPOSE Expl ZONE 814

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	2.5'		Casing, left in place, hole cemented						
5b	2.5'	67.8		Diorite, medium grained, grey-white, massive, tr-0.5% coarse pyrite - occasional narrow 0.1-1.2 cm weak poorly developed shears, - rare white qtz veinlet 2-5 cm thick 2-3% blue qtz eyes 2 cm qtz veinlets @ 5.1, 6.0						
				7.7-8.4 weak shear, minor K-spar alt and 2 cm vuggy qtz-calcite						
				11.3-11.7 moderately sheared 50° tca						

RIVER GOLD MINES LTD

DDH No. 99-91

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				13.5' - 14.5' moderate to weakly sheared 50° tca, carbonate altered with fine calcite stringers and very weak silicification, 5% glassy qtz with white calcite.						
				36.2 - 36.5' sheared 50° tca	<0.03		8819	41.6	41.9	0.3
					<0.03		8820	41.9	42.2	0.3
				41.8 - 44.2 Well developed shear 50° tca, chloritic, fine calcite stringers define foliation	<0.03		8821	42.2	42.5'	0.3
					<0.03		8822	42.5'	42.9	0.4
					0.07		8823	42.9	43.3	0.4
				42.2 - 42.5' Qtz tourmaline vein, contacts @ 50° tca, tr py						
				44.0 - 44.2 - shear gradually weakens to massive diorite						
				51.8 - 53.4 Well developed 50° tca, chloritic, and carbonate alteration, fine calcite stringers, weak silicification						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-91

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				5% white-grey qtz veining as narrow 2 to 3cm veinlets, rare tr py.						
					<0.03		8824	51.9	52.2	0.3
					<0.03		8825	52.2	52.5	
				57.8-57.9 white massive qtz vein	0.07		8826	52.5	52.8	
					<0.03		8827	52.8	53.1	
				56.5'-67.8 medium coarse grained	<0.03		8828	53.1	53.4	
					0.07		8829	53.4	53.7	
					<0.03		8830	53.7	54.0	0.3
				63.4-63.6 white massive qtz vein 40° tca						
5dt	67.8	74.8		Diorite, grey-brown, well sheared 50° tca	0.07		8831	68.4	68.7	0.3
	Bx one shear			last local sections 0.3m-0.5m	<0.03		8832	68.7	69.0	0.3
				moderately sheared	<0.03		8833	69.0	69.4	0.4
				pervasive chlorite, carbonate alt	0.48		8834	69.4	69.8	
				as fine stringers throughout	<0.03		8835	69.8	70.2	
				-local biotite especially 71.4-72.0m	<0.03		8836	70.2	70.6	
					<0.03		8837	70.6	71.0	
				71.8-73.1 weak-moderate shearing	<0.03		8838	71.0	71.4	
					<0.03		8839	71.4	71.8	
				73.1-74.8 moderate to well sheared with	<0.03		8840	71.8	72.2	0.4
				weak silicification (3-5% qtz veining)						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-91

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				- core to pyrite						
					<0.03		8841	72.2	72.6	0.4
1Me	74.8	75.6		Mafic Volcanic, dark green, fine grained, moderate schistosity having 50° to ca, chloritic - fine calcite stringers define foliation	<0.03		8842	72.6	73.0	
					<0.03		8843	73.0	73.4	
					<0.03		8844	73.4	73.8	
					<0.03		8845	73.8	74.2	
				75.5 - 76.5 40-50% white qtz + calcite veins at lower contact.	<0.03		8846	74.2	74.6	
					<0.03		8847	74.6	75.0	0.4
1Md	75.6	81.0		Mafic Volcanic (Intrusive?) dark green, fine grained massive, pervasive chlorite alt., very fine (2-3%) fracture control calcite.						
				81.0 EOH						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-92

CO-ORD N 9810 E 11050

COLLAR ELEV 4955

LOGGED Nov 12/99

STARTED Nov 11/99

COMPLETED Nov /99

DEPTH	AZIMUTH	DIP
collar	187	-46
15	188	-46
51	189	-45
79	189	-45

LENGTH _____ CORE SIZE BQ

DRILLED BY Benoit DD. MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Min

CLAIM NO. 690847 TWP. Pt. Isaac

PURPOSE Expl ZONE 814

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	2.0		Casing, left in place, hole cemented						
5b	2.0	55.0		Diorite, grey-white, medium grained massive, weak porphyry texture, ~ 0.5% coarse pyrite - local more mafic grey coloured sections - occasional 2 to 4cm white glassy qtz stringer averages 1 per 4 to 5m. - local sections 0.3 to 1.6m weakly - moderately sheared - surface alteration - weathered to ≈ 4m approx 18.5' to 334 med-coarse grained with mafic-ultramafic inclusions (3-5%)						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-92

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				33.4 - 35.7 5df, grey, moderately sheared 60 tca, chloritic, fine calcite defines foliation - weakly silicified 2-3% grey qtz						
					1.23		8802	33.6	33.9	0.3
					<0.03		8803	33.9	34.2	
					<0.03		8804	34.2	34.5	
					<0.03		8805	34.5	34.8	
				33.8 - 34.2 - 20% low angle qtz tourmaline with 4cm vuggy qtz-calcite @ 34.2 m.	<0.03		8806	34.8	35.1	0.3
				35.7 - 55.2 Diorite, mainly med-coarse grained, leucocratic, with weak poorly developed shears; 38.8-39.4, 41.8-42.3, 44.6-44.9, & 48.2-49.4;						
					<0.03		8807	56.1	56.4	0.3
5df	55.2	58.2		Diorite, grey, moderately sheared with	<0.03		8808	56.4	56.7	
814				increasing intensity with depth; shear	<0.03		8809	56.7	57.0	
30° shear				50° tca	<0.03	↑	8810	57.0	57.3	
				- chlorite and carbonate altered fine	<0.03		8811	57.3	57.6	
				calcite stringers	<0.03		8812	57.6	57.9	
				57.6-58.1 fault gouge material	0.14		8813	57.9	58.2	
				broken vuggy Qtz carbonate vein	<0.03		8814	58.2	58.5	0.3

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 9912

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				with orange carbonate.		↕				
					0.07	9'	8815	58.5	58.8	0.3
					0.07	↓	8816	58.8	59.1	?
10c	58.2	59.4		Mafic Intrusive, dark green, fine grained, well sheared to gradually massive, chlorite + carbonate alteration, fine calcite stringers common - rare (1-2%) white sugar qtz with calcite stringers locally	0.14	↓	8817	59.1	59.4	?
					<0.03	↓	8818	59.4	59.7	0.3
10b	59.4	63.2		Mafic Intrusive fine grained, dark green, massive, equi-granular, chloritic						
				2 cm diorite dyklet @ 61.2 m						
11b	63.2	65.6		Felsic Intrusive, light - medium grey, fine grained massive, 3-4% 1mm feldspar phenocrysts, tr pyrite, contacts 75° tca						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-92

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
106	65.6	71.3		Mafic Dyke, dark green, fine grained, massive as <9.4-63.2						
1MA	71.3	79.5		Mafic Volcanic, dark green, very fine grained, massive, fine fracture control calcite filling throughout (3-4%)						
				68.8m - 3cm 25% sulphide, po, py and trace cpy						
				77.8 - 78.6 Diorite dyke, medium grained massive, contacts 65° tca						
				79.5 EOH						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

CO-ORD N 98051N E 11000E

D.D. HOLE NO. 99-93

	DEPTH	AZIMUTH	DIP
	Collar	182	-46
	15	183	-46
	60	184	-45

COLLAR ELEV 4955

LOGGED Nov 13/99

STARTED Nov 12/99

COMPLETED Nov 12/99

LENGTH 60 CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690847 TWP. Pt. Isaac

PURPOSE Expl ZONE 814

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	3		Casing, ~~left~~ in place, hole cemented						
Sb	3	26.6		Diorite, medium coarse grained, massive, 2-3% blue qtz eyes tr - 0.5% coarse pyrite rare 2-3 cm white qtz veinlets						
				14 - 15.4 1 to 2 cm qtz vein parallel core axis - white - glassy						
				25.5 - 26.6 weak to moderate chlor, shear intensity increasing with depth.						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-93

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
5dt	26.6	30.5'		Diorite, green-grey moderate to well sheared 45-50° tca with increasing intensity with depth — chlorite alt and carbonate as fine calcite stringers defining foliation — very weak silicification 3-4% ragged qtz						
					<0.03		8848	29.4	29.7	0.3
					<0.03		8849	29.7	30.0	
					<0.03		8850	30.0	30.3	
q/5dt	30.5'	31.3		Diorite dark grey, sheared 50° tca, 65-70% grey-white qtz veining with strongly altered diorite - biotite - chlorite - carbonate and intense silicification tr-2% pyrite marginal to veining — qtz veining moderately strained	<0.03		8851	30.3	30.6	
					<0.03		8852	30.6	30.9	
					0.14		8853	3.9	31.2	
					<0.03		8854	31.2	31.5'	
					<0.03		8855	31.5'	31.8	
					<0.03		8856	31.8	32.1	
					<0.03		8857	32.1	32.4	
					<0.03		8858	32.4	32.7	
					<0.03		8859	32.7	33.0	0.3
5dt(q)	31.3	33.0		Diorite, dark brown-grey, strongly sheared, biotite alteration, weakly silicified 3-5% grey qtz — tr-1% pyrite						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-93

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
g/sdt	33.0	36.9		Diorite, dark brown grey, strongly sheared 50° to c.a, intense biotite-chlorite and carbonate alt; well silicified averages +50% grey smokey well laminated qtz veins.						
					<0.03		8860	33.0	33.3	0.3
				by content tr to 2% marginal to	<0.03		8861	33.3	33.6	
			3'	veins, and local tr sphalerite	<0.03		8862	33.6	33.9	
					<0.03		8863	33.9	34.2	
				33.0 - 33.3 grey smokey well laminated	<0.03		8864	34.2	34.5	
				qtz vein 1-2% py in	0.21		8865	34.5	34.8	
				laminae and marginal to ve	<0.03		8866	34.8	35.1	
					2.67		8867	35.1	35.4	0.3
				33.3 - 33.7 well sheared diorite as						
				above, 5-7% grey qtz - tr-1% py						
				33.7 - 34.3 75-80% grey well						
				laminated qtz, 1-2% py, possible						
				tr sphalerite.						
				34.3 - 35.4 well sheared - altered diorite						
				as above 5-7% grey qtz - tr py						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-93

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				* 35.4 - 35.9 grey smokey qtz vein well laminated 2-3% py. tr sph in laminae & marginal to vein, no speck visible gold						
					7.16		8868	35.4	35.7	0.3
					0.07		8869	35.7	36.0	
					0.14		8870	36.0	36.3	
					0.07		8871	36.3	36.6	
				35.9 - 36.5 well sheared-altered diorite as above 5-7% grey qtz veining, tr-1% py	6.58		8872	36.6	36.9	
					0.27		8873	36.9	37.3	
					0.21		8874	37.6	37.9	
					0.89		8875	37.9	38.2	
				36.5 - 36.9 Grey smokey well laminated qtz vein with up to 10% sdf, 1-2% py along laminae & marginal to vein.	0.14		8876	38.2	38.5	
					0.07		8877	38.5	38.8	
					0.07		8878	38.8	39.1	0.3
					<0.03		8879	39.1	39.4	0.2
					<0.03		8880	39.4	39.7	0.3
sdf(gl)	36.9	39.3		Diorite, well sheared and altered as above moderately silicified 8-10% grey smokey qtz veining, veins 2 to 5 cm thick.	<0.03		8881	39.7	40.0	0.3
					16.18		VG sample	37.3	37.6	0.3
				* 37.4-37.5 Qtz smokey qtz vein with coarse visible gold			(no sample tag)			
				38.6 5 cm qtz grey qtz vein tr py						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-93

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
q/sdt	39.3	40.1		Qtz vein, gray smutty qtz vein with up to 20% well sheared intercalated						
				diorite tr-1% pyrite in laminae	<0.03		8882	40.0	40.2	0.2
				and marginal to vein -	<0.03		8883	40.2	40.5	0.3
					0.14		8884	40.5	40.8	0.3
				except well sheared diorite as	0.07		8885	40.8	41.1	0.3
				above 30.9-40.1						
lmc	40.1	41.1		Mafic Volcanic, dark green, fine grained, well sheared to gradually massive - dark green chlorite & clt dominant, minor carbonate						
lmd	41.1	60.0		Mafic Volcanic dark green, fine grained, massive, 4-6% calcite stringers with + white sugar qtz - exception note felsic dykes						
				Diorite dyklets, 45.3-45.4; 46.9-47.0, 47.5-47.65						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-93

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				50.9 - 53.3 11b Felsic porphyry dyke, light grey, massive, 4 1-2% feldspar phenocrysts, siliceous, tr-1% pyrite contacts 50° t.a.						
				53.3 - 60.0 Mafic volcanics as above						
				60.0 EOH						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

CO-ORD N 9805 E 11000E

D.D. HOLE NO. 99-94

DEPTH	AZIMUTH	DIP
collar	182	-60
15	183	-60
84	186	-59

COLLAR ELEV 4957

LOGGED Nov 14/99

STARTED Nov 13/99

COMPLETED Nov. 13/99

LENGTH 84 CORE SIZE BQ

DRILLED BY Benoit DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690847 TWP. Pt. Isaac

PURPOSE Exp ZONE 814

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
OB	0	2		Casing, left in place, hole cemented						
56	2	38		Diorite, grey-white, medium coarse grained, massive						
				tr - 0.5% coarse pyrite						
				23.5 - 25.2 5-10% narrow 0.1-0.2m ultramafic dyklets						
				28.0 - 29.8 weakly to moderately sheared 50 bca						
				32.0 - 33.0 moderately sheared 50 bca with pink-white calcite veining 32.4-32.6						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-94

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
Sdf	38	40.6		Diorite, dark grey, gradual increase in intensity of shear from moderate to intense from 38 to 39 m, shear 50-55° to ca; chlorite & carbonate alteration throughout. 3-4% narrow 2 to 3 cm grey qtz veinlets						
					<0.03		8886	39.0	39.3	0.3
					0.14		8887	39.3	39.6	
					0.14		8888	39.6	39.9	
q/Sdf	40.6	43.3		Qtz vein, grey to locally grey white, usually well laminated, up to 30% Sdf; Diorite well sheared with strong biotite alteration and local green chlorite alt. to ~1% py, po usually marginal to veining	<0.03		8889	39.9	40.2	
					<0.03		8890	40.2	40.5	
					<0.03		8891	40.5	40.8	
					<0.03		8892	40.8	41.1	
					<0.03		8893	41.1	41.4	
					<0.03		8894	41.4	41.7	
					<0.03		8895	41.7	42.0	
					<0.03		8896	42.0	42.3	0.3
				40.6 - 41.2 40-45% grey qtz with sheared diorite, trace sulphides						
				41.2 - 42.3 85-90% grey white well laminated qtz, 1-2% Po, py						

RIVER GOLD MINES LTD

DDH No. 99-94

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				42.3 - 42.6 5 df with 30% qtz veining						
					<0.03		8897	42.3	42.6	
				42.6 43.3 70-75% grey white massive	<0.03		8898	42.6	42.9	
				to moderate laminated qtz	<0.03		8899	42.9	43.2	
				veining intercalated with						
					<0.03		9001	43.2	43.5	
					<0.03		9002	43.5	43.8	
Sdfgl	43.3	47.2		Diorite, dark grey, well sheared 50° to ca,						
				with strong biotite alt, moderate-						
				well silicified, ~25% grey qtz						
				veining, well laminated to massive,						
				vein usually 0.1 m wide						
				tr - 1% py po marginal to veining						
				43.3 - 43.5 60% white sugar						
				vuggy calcite veining						
				43.6 - 43.75 grey smoky qtz vein						
				tr - 1% py						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-94

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				43.75' - 44.6 10-12% narrow grey qtz veining (1-2 cm thick) tr py > po						
					<0.03		9003	43.8	44.1	0.3
				44.6 - 44.7 grey smokey qtz vein tr py	<0.03		9004	44.1	44.4	
					<0.03		9005	44.4	44.7	
					<0.03		9006	44.7	45.0	
				44.7 - 45.2 10-12% grey veins as 43.75' - 44.6	<0.03		9007	45.0	45.3	
					<0.03		9008	45.3	45.6	
					<0.03		9009	45.6	45.9	
				45.2 - 46.3 30-35% grey smokey qtz veining, veins average 5 to 15 cm thick, tr-1% py po marginal to veins, locals as coarse py.	<0.03		9010	45.9	46.2	
					<0.03		9011	46.2	46.5'	0.3
				45.2 - 45.3 45.4 - 45.6, 45.8 - 45.9 grey smokey qtz veins as described above						
				46.0 - 46.3 50% grey qtz veins & 50% sheared diorite 3-5 cm wide tr sulphides throughout						

RIVER GOLD MINES LTD

DDH No. 99-94

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				46.3 - 47.2 10-12% narrow 1cm grey qtz veinlets, tr py						
					<0.03		9012	46.5	46.8	0.3
					0.14		9013	46.8	47.1	
Sdf(gl)	47.2	49.1		Diorite, well sheared, h-ot, lt, carbonate-chlor. alteration, 8-10% grey qtz veining, tr sulphides	0.14		9014	47.1	47.4	
					0.21		9015	47.4	47.7	
					<0.03		9016	47.7	48.0	
					0.07		9017	48.0	48.3	
					0.14		9018	48.3	48.6	
q/sdf	49.1	50.7		Diorite as above with 40-50% white grey qtz veining, moderately laminated tr py, po	0.14		9019	48.6	48.9	
					0.14		9020	48.9	49.2	
					<0.03		9021	49.2	49.5	
					<0.03		9022	49.5	49.8	
				49.1 - 49.3 white grey massive, weak stained qtz vein, tr py on margins	0.07		9023	49.8	50.1	
					0.07		9024	50.1	50.4	
					0.21		9025	50.4	50.7	0.3
					<0.03		9026	50.7	51.0	0.3
				49.5 - 50.3 70-75% white grey smokey qtz veining with narrow 3 to 10 cm of well sheared-altered diorite.	<0.03		9027	51.0	51.3	0.3

RIVER GOLD MINES LTD

DDH No. 99-94

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				50.3 - 50.7 8-10% grey qtz veining						
Sdf	50.7	54.1		Diorite, dark green, strongly sheared to 5/m then gradual decrease in shear intensity to moderate - weak. chlorite alt dominant, minor carbonate						
				53.2 - 53.9 10a Felsic dyke, light grey, very fine grained/aphanitic massive, contacts 60° tca and 40° tca						
IIb	54.1	55.8		Mafic intrusive, dark green, fine grained, massive, contacts 60° tca, rare calcite filling fracture controlled						
					<0.03		9028	72.0	72.4	0.4
					<0.03		9029	72.4	72.8	0.4
Imde	55.8	73.6		Mafic Volcanic, medium to dark green, fine grained, variable massive to moderately sheared sections 0.5 to 2.0 m, calcite fracture controlled filling common (4-5%)	0.07		9030	72.8	73.2	0.4
					<0.03		9031	73.2	73.6	0.4

RIVER GOLD MINES LTD

DDH No. 99-94

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				except in sheared sections 10-12% calcite with 2-4% glassy to white sugar qtz						
				55.8 - 60.3 Mafic volcanic, massive to weakly sheared and locally porphyritic						
				60.3 - 62.5 10b Mafic intrusive, dark green, fine grained massive as above.						
				62.5 - 66.4 Mafic volcanic as above 5-7% erratic calcite + white sugar qtz						
				66.4 - 68.1 weakly moderately sheared, 10-12% calcite and± glassy qtz stringers throughout						
				68.1 - 70.2 Mafic volcanic, with 5-7% whispy calcite ± minor qtz						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-94

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				70.2 - 73.6 weak - moderate shearing 50° to ca, 10-12% calcite ± white wispy qtz						
				70.2 - 70.3 50% ragged qtz - tourmaline.						
				70.3 - 73.6 25-30% ragged qtz - tourmaline - calcite veining						
Mfd	73.6	84		Mafic Volcanic, dark green, fine grained, massive 3-5% fracture control white calcite ± white sugar qtz.						
				82.6 - 83.6 5b - Diorite dyke, grey white - medium grained, massive contacts 70° to ca						
				84.0 EOH						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

D.D. HOLE NO. 99-95

CO-ORD N 9830 E 11003

COLLAR ELEV 4955'

LOGGED Nov 14-15/99

STARTED Nov 13/99

COMPLETED Nov 14/99

DEPTH	AZIMUTH	DIP
15m	186	-60
15m	186	-60
69m	188	-59
126m	189	-58

LENGTH 120 CORE SIZE BQ

DRILLED BY Bonnet DD MACH NO. 16

LOGGED BY C. Hartley

CORE STORED Eagle River Mine

CLAIM NO. 690847 TWP. Pt. Isaac

PURPOSE Expl ZONE 814

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
OB	0	1.5		Casing, left in place, hole cemented						
Sb	1.5	92.0		Diorite, medium grained massive, grey-white, locally porphyritic, to 0.5% coarse pyrite - rare narrow 0.5 - 2.0 metre weak - moderate sheared sections						
				12 - 12.4 mafic/ultramafic dykes, dark and 15' - 15'.9 green massive, vuggy						
				23.7 - 25.8 mafic/ultramafic dyke, dark green massive, medium grained						
				28.9 - 31.2 moderately sheared 6cm minor carbonate, local Qtz tourmaline						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-95

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METRES
				new material with 2-3% diss pyrite						
				from 28.9 - 29.5 and 30.4 - 30.9						
				31.2 - 68.1 medium coarse grained, massive,						
				2-3% blue qtz eyes, local						
				2-3% narrow 5 to 10cm						
				mafic / ultramafic inclusions	<0.03		9032	67.9	68.3	0.4
				&/or dyklets especially	0.07		9033	68.3	68.7	0.4
				53 - 68.1 m 5 - 7%	<0.03		9034	68.7	69.0	0.4
					<0.03		9035	69.0	69.4	0.4
				68.1 - 69.7 moderate to well sheared	0.14		9036	69.4	69.8	0.4
				50° tca, moderately silicified						
				5-7% narrow centimetre scale						
				qtz veins, tr py.						
				69 - 69.7 minor K-spar alteration						
				and 4 cm white/pink calcite						
				vein @ 69.3 m						
				69.7 - 92.0 medium coarse grained diorite						
				as above with rare weak shear						
				0.1 to 0.3 m						

Wawa Print & Litho. Inc.

RIVER GOLD MINES LTD

DDH No. 99-95

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
Sdt	92	99.6		Diorite, green-grey, moderate to well sheared 50° to ca						
Sil/Sor				alteration, chlorite, and carbonate as fine calcite stringers defining foliation						
shear				— weak local silicification as grey white qtz veining						
					0.14		9037	92.1	92.4	0.3
					<0.03		9038	92.4	92.7	0.3
				92.4 - 92.7 20% white grey qtz veins 2 to 4 cm thick	<0.03		9039	92.7	93.0	0.3
					<0.03		9040	93.0	93.4	0.4
					<0.03		9041	93.4	93.8	0.4
					0.07		9042	93.8	94.2	0.4
				93.7 - 93.9 white - bluish green vuggy calcite - qtz vein 50° to ca	0.07		9043	94.2	94.6	0.4
					<0.03		9044	94.6	95.0	0.4
					<0.03		9045	95.0	95.4	0.4
				93.9 - 95.9 well sheared, very fine calcite stringers 45° - 50° to ca	<0.03		9046	95.4	95.8	0.4
				- minor 2-3% blue qtz						
				1 cm pink calcite veinlets 93.2 and 95.4						

Wawa Print & Litho. Inc.

RIVER GOLD MINES LTD

DDH No. 99-95

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
				95.9 - 96.2 75% grey smokey	0.34		90 47	95.8	96.0	0.2
				Qtz veining with 3 cm	0.82		90 48	96.0	96.3	0.3
				sections of sheared diorite	<0.03		90 49	96.3	96.7	0.4
				to ~1% py mag, wall to	<0.03		90 50	96.7	97.0	0.3
				veining	<0.03		90 51	97.0	97.3	0.3
					<0.03		90 52	97.3	97.6	0.3
					<0.03		90 53	97.6	97.9	0.3
				96.2 - 96.5 Felsic dyke, grey	<0.03		90 54	97.9	98.2	0.3
				fine grained massive	<0.03		90 55	98.2	98.5	0.3
				96.5 98.2 well sheared, carbonate-						
				chlorite altered with						
				moderate biotite alt						
				4 cm qtz veins maroon, glassy-grey						
				@ 95.6 and 97.0m						
				98.2 - 99.6 moderate shear with						
				decreasing intensity						

Wawa Print & Litho, Inc.

RIVER GOLD MINES LTD

DDH No. 99-95

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE FROM	METRAGE TO	METERS	CORE DESCRIPTION	F.A. AU 9/TONNE	C.K. AU 9/TONNE	SAMPLE NUMBER	METERAGE FROM	METERAGE TO	METERAGE METRES
Mde	99.6	101.8		Mafic Volcanic, dark green, fine grained, weakly-moderately sheared, calcite along foliation common ± w/ lite qtz						
& zone shear										
				2 cm qtz veinlets @ 100.6 and 101.2						
Mvd	101.8	120		Mafic Volcanic, dark green fine grained, massive, 3-5% fracture control calcite stringers						
				95.3 - 95.4 diorite dyke, medium grained 65° to c.a.						
				113.0 - 113.2 sheared contact with lower dyke.						
				113.2 - 114.8 Diorite dyke as above but porphyritic						
				114.8 - 119.1 106, Mafic intrusive, massive, dark green, fine grd, <1% calcite stringers						
				119.1 - 120 Mafic Vol as above						
				120 EOH						

RIVER GOLD MINES LIMITED

1999 SURFACE DIAMOND DRILLING

ASSAY REPORTS

River Gold Mines Ltd.
P.O. Box 1520
127 Mission Road
Wawa, Ontario P0S 1K0

OCT-06-99 08:17 PM

River Gold Mines Ltd.
P.O. Box 1520
127 Mission Road
Wawa, Ontario P0S 1K0

mples received
Results

RIVER GOLD MINES LTD
P.O Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 6,99

No.	Sample Number	Au g/tonne
01	7501 CORE	0.07
02	7502	0.89
03	7503	0.07
04	7504	0.14
05	7505	0.07
06	7506	0.07
07	7507	< 0.03
08	7508	< 0.03
09	7509	< 0.03
10	7510	< 0.03
11	7511	0.07
12	7512	29.21
13	7513	0.27
14	7514	0.21
15	7515	< 0.03
16	7516	< 0.03
17	7517	< 0.03
18	7518	< 0.03
19	7519	< 0.03
20	7520	0.07
21	7521	0.58
22	7522	0.07
23	7523	0.96
24	7524	0.82
25	7525	0.79
26	7526	0.34
27	7527	1.37
28	7528	0.07
29	7529	< 0.03
30	7530	0.14

Approved

mples received
Results

RIVER GOLD MINES LTD
P.O Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

LIENT RIVER GOLD MINES DATE Oct 6/99

No	Sample Number	Au g/tonne
01	7531 CORE	0.14
02	7532	0.75
03	7533	0.27
04	7534	0.07
05	7535	<0.03
06	7536	0.14
07	7537	<0.03
08	7538	<0.03
09	7539	<0.03
10	7540	0.07
11	7541	0.07
12	7542	0.07
13	7543	<0.03
14	7544	0.14
15	7545	0.07
16	7546	<0.03
17	7547	<0.03
18	7548	<0.03
19	7549	<0.03
20	7550	<0.03
21	7551	<0.03
22	7552	0.41
23	7553	<0.03
24	7554	<0.03
25	7555	<0.03
26	7556	<0.03
27	7557	0.07
28	7558	0.14
29	7559	<0.03
30	7560	<0.03

ples received

Results

RIVER GOLD MINES LTD
P.O Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

IENT RIVER GOLD MINES

DATE Oct 6,99

No	Sample Number	Au g/tonne
01	7561 CORE	0.07
02	7562	0.07
03	7563	0.04
04	7564	0.55
05	7565	0.14
06	7566	0.14
07	7567	<0.03
08	7568	<0.03
09	7569	<0.03
10	7570	<0.03
11	7571	<0.03
12		
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...mples received
Results

P.O. Box 1570
Wawa (Ontario)
P0S 1K0

Daily Assay Report

...IENT RIVER GOLD MINES

DATE Oct 7, 99

No	Sample Number	Au g/Tonne
01	7572 CORE	0.09
02	7573	0.14
03	7574	0.41
04	7575	0.14
05	7576	<0.03
06	7577	0.21
07	7578	0.14
08	7579	<0.03
09	7580	<0.03
10	7581	<0.03
11	7582	<0.03
12	7583	<0.03
13	7584	<0.03
14	7585	<0.03
15	7586	<0.03
16	7587	<0.03
17		
18		
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Samples received
Results

RIVER GOLD MINES LTD
P.O. Box 1570
Wawa (Ontario)
P0S 1K0

Daily Assay Report

ATTN: RIVER GOLD MINES

DATE Oct 8, 99

No	Sample Number	Au g/tonne
01	7588 CORE	0.07
02	7589	< 0.03
03	7590	< 0.03
04	7591	< 0.03
05	7592	0.21
06	7593	< 0.03
07	7594	0.14
08	7595	< 0.03
09	7596	< 0.03
10	7597	< 0.03
11	7598	< 0.03
12	7599	< 0.03
13	7600	0.07
14	7601	0.14
15	7602	1.30
16	7603	< 0.03
17	7604	< 0.03
18	7605	< 0.03
19	7606	1.44
20	7607	0.07
21	7608	1.17
22	7609	< 0.03
23	7610	< 0.03
24	7611	< 0.03
25	NO TAG	< 0.03
26		
27		
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Checked

Samples received
Results

P.O. Box 1570
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 8, 99

No	Sample Number	Au g/tonne
01	7612 CORE	0.07
02	7613	<0.03
03	7614	<0.03
04	7615	<0.03
05	7616	<0.03
06	7617	0.27
07	7618	0.14
08	7619	<0.03
09	7620	0.14
10	7621	<0.03
11	7622	<0.03
12	7623	<0.03
13	7624	<0.03
14	7625	<0.03
15	7626	<0.03
16	7627	<0.03
17	7628	<0.03
18	7629	<0.03
19	7630	<0.03
20		
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Approved

mples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 8,99

No	Sample Number	Au g/tonne
01	7631 CORE	<0.03
02	7632	<0.03
03	7633	0.21
04	7634	0.07
05	7635	0.02
06	7636	<0.03
07	7637	<0.03
08	7638	0.07
09	7639	0.07
10	7640	<0.03
11	7641	<0.03
12	7642	0.07
13	7643	<0.03
14	7644	<0.03
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Approved

mples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 12,99

No	Sample Number	Au g/tonne
01	7645 CORE	<0.03
02	7646	<0.03
03	7647	<0.03
04	7648	<0.03
05	7649	<0.03
06	7650	<0.03
07	7651	<0.03
08	7652	<0.03
09	7653	<0.03
10	7654	<0.03
11	7655	<0.03
12	7656	<0.03
13	7657	<0.03
14	7658	<0.03
15	7659	<0.03
16	7660	<0.03
17	7661	<0.03
18	7662	<0.03
19	7663	<0.03
20	7664	<0.03
21	7665	<0.03
22	7666	<0.03
23	7667	<0.03
24	7668	<0.03
25		
26		
27		
28		
29		
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amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 12,99

No.	Sample Number	Au g/tonne
01	7669 CORE	0.21
02	7670	0.62
03	7671	1.71
04	7672	0.27
05	7673	1.03
06	7674	1.58
07	7675	0.89
08	7676	0.14
09	7677	0.21
10	7678	0.62
11	7679	0.34
12	7680	0.14
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amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Oct 13, 99

No.	Sample Number	Au g/tonne						
01	7681 CORE	< 0.03						
02	7682	< 0.03						
03	7683	< 0.03						
04	7684	< 0.03						
05	7685	< 0.03						
06	7686	< 0.03						
07	7687	< 0.03						
08	7688	0.14						
09	7689	< 0.03						
10	7690	0.14						
11	7691	< 0.03						
12	7692	< 0.03						
13	7693	< 0.03						
14	7694	0.21						
15	7695	< 0.03						
16	7696	< 0.03						
17	7697	0.07						
18	7698	0.07						
19	7699	< 0.03						
20	7700	0.14						
21	7701	007						
22	7702	< 0.03						
23	7703	0.14						
24	7704	0.21						
25	7705	< 0.03						
26	7706	—	MISSING					
27	7707	< 0.03						
28	7708	< 0.03						
29	7709	< 0.03						
30	7710	< 0.03						

imples received
Results

P.O. Box 1520
Wawa (Ontario)
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Daily Assay Report

CLIENT RIVER GOLD MINES DATE Oct 13.99

No.	Sample Number	Au g/tonne
01	7711 CORE	<0.03
02	7712	<0.03
03	7713	0.07
04	7714	<0.03
05	7715	<0.03
06	7716	<0.03
07	7717	0.14
08	7718	<0.03
09	7719	0.21
10	7720	2.13
11	7721	0.14
12	7722	0.69
13	7723	7.88
14	7724	33.60
15	7725	0.41
16	7726	0.62
17	7727	2.13
18	7728	2.19
19	7729	1.17
20	7730	3.70
21	7731	3.43
22	7732	0.55
23	7733	0.07
24	7734	0.07
25	7735	<0.03
26	7736	1.78
27	7737	0.07
28	7738	0.22
29	7739	<0.03
30	7740	<0.03

amples received
Results

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Wawa (Ontario)
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Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 13.99

No.	Sample Number	Au g/tonne
01	7741 CORE	<0.03
02	7742	0.07
03	7743	1.17
04	7744	0.07
05	7745	0.14
06	7746	0.55
07	7747	0.34
08	7748	0.41
09	7749	0.41
10	7750	0.27
11	7751	0.41
12	7752	0.07
13	7753	<0.03
14	7754	<0.03
15	7755	<0.03
16	7756	<0.03
17	7757	0.07
18	7758	0.07
19	7759	0.07
20	7760	0.07
21	7761	0.14
22	7762	0.07
23	7763	0.07
24	7764	<0.03
25	7765	<0.03
26		
27		
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Moved

amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 13,99

No.	Sample Number	Au g/tonne
01	7766 CORE	2.26
02	7767	0.21
03	7768	0.07
04	7769	< 0.03
05	7770	< 0.03
06	7771	0.07
07	7772	0.07
08	7773 | 7774 - TWO TAGS	0.69
09	7775	1.03
10	7776	0.75
11	7777	0.96
12	7778	0.82
13	7779	0.14
14	7780	0.48
15	7781	1.37
16	7782	1.58
17	7783	0.27
18	7784	0.14
19	7785	0.07
20	7786 | 7787 - TWO TAGS	0.07
21	7788	0.07
22		
23		
24		
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amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

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Daily Assay Report

CLIENT RIVER GOLD MINES DATE Oct 13,99

No.	Sample Number	Au g/tonne						
01	7789 CORE	< 0.03						
02	7790	< 0.03						
03	7791	< 0.03						
04	7792	< 0.03						
05	7793	< 0.03						
06	7794	0.21						
07	7795	< 0.03						
08	7796	< 0.03						
09	7797	0.07						
10	7798	0.41						
11	7799	0.27						
12	7800	0.07						
13	7801	< 0.03						
14	7802	< 0.03						
15	7803	< 0.03						
16	7804	< 0.03						
17	7805	< 0.03						
18	7806	< 0.03						
19	7807	< 0.03						
20	7808	< 0.03						
21	7809	< 0.03						
22	7810	< 0.03						
23	7811	< 0.03						
24	7812	< 0.03						
25								
26								
27								
28								
29								
30								

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amples received
Results

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Oct 13,99

No.	Sample Number	Au g/tonne
01	7813 CORE	0.34
02	7814	0.41
03	7815	0.07
04	7816	0.07
05	7817	0.07
06	7818	0.07
07	7819	< 0.03
08	7820	< 0.03
09	7821	< 0.03
10	7822	< 0.03
11	7823	< 0.03
12	7824	0.89
13	7825	7.06
14	7826	0.07
15	7827	< 0.03
16	7828	< 0.03
17	7829	< 0.03
18	7830	< 0.03
19	7831	< 0.03
20	7832	< 0.03
21	7833	< 0.03
22	7834	0.07
23	7835	0.48
24	7836	< 0.03
25		
26		
27		
28		
29		
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J. Allard

amples received
Results

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 14,99

No.	Sample Number	Au g/tonne
01	7837 CORE	<0.03
02	7838	<0.03
03	7839	0.07
04	7840	1.23
05	7841	2.06
06	7842	0.07
07	7843	0.48
08	7844	<0.03
09	7845	<0.03
10	7846	<0.03
11	7847	<0.03
12	7848	<0.03
13	7849	<0.03
14	7850	<0.03
15	7851	<0.03
16	7852	<0.03
17	7853	<0.03
18	7854	<0.03
19	7855	<0.03
20	7856	<0.03
21	7857	<0.03
22	7858	<0.03
23	7859	<0.03
24	7860	<0.03
25	7861	2.06
26	7862	11.04
27	7863	0.41
28		
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mples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 15,99

No.	Sample Number	Au g/tonne
01	7864 CORE	< 0.03
02	7865	< 0.03
03	7866	< 0.03
04	7867	< 0.03
05	7868	< 0.03
06	7869	< 0.03
07	7870	0.07
08	7871	0.14
09	7872	< 0.03
10	7873	< 0.03
11	7874	< 0.03
12	7875	0.07
13	7876	0.14
14	7877	< 0.03
15	7878	0.07
16	7879	0.21
17	7880	0.07
18	7881	0.14
19	7882	0.07
20	7883	0.07
21	7884	< 0.03
22	7885	< 0.03
23	7886	0.62
24	7887	0.27
25	7888	1.78
26	7889	1.58
27	7890 / 7891 TWO TAGS	1.85
28	7892	0.48
29		
30		

Mosko

amples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Oct 15,99

No.	Sample Number	Au g/tonne
01	7893 CORE	0.75
02	7894	< 0.03
03	7895	1.44
04	7896	4.39
05	7897	1.37
06	7898	0.69
07	7899	< 0.03
08	7900	< 0.03
09	7901	0.07
10	7902	0.41
11	7903	0.21
12	7904	< 0.03
13	7905	< 0.03
14	7906	< 0.03
15	7907	< 0.03
16	7908	< 0.03
17	7909	< 0.03
18	7910	< 0.03
19	7911	0.07
20	7912	< 0.03
21	7913	0.21
22	7914	0.27
23	7915	< 0.03
24	7916	< 0.03
25	7917	< 0.03
26	7918	< 0.03
27	7919	< 0.03
28	7920	< 0.03
29	7921	< 0.03
30	7922	< 0.03

amples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 18,99

No.	Sample Number	Au g/tonne
01	7923 CORE	<0.03
02	7924	<0.03
03	7925	0.07
04	7926	<0.03
05	7927	<0.03
06	7928	<0.03
07	7929	<0.03
08	7930	0.07
09	7931	0.07
10	7932	<0.03
11	7933	<0.03
12	7934	<0.03
13	7935	<0.03
14	7936	<0.03
15	7937	<0.03
16	7938	<0.03
17	7939	<0.03
18	7940	<0.03
19	7941	<0.03
20	7942	<0.03
21	7943	<0.03
22	7944	<0.03
23	7945	<0.03
24	7946	<0.03
25	7947	<0.03
26	7948	<0.03
27	7949	0.07
28	7950	4.18
29	7951	0.89
30	7952	1.30

Moshal

amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 18,99

No.	Sample Number	Au g/tonne						
01	7953 CORE	32.91	31.34					
02	"	29.76						
03	7954	0.27						
04	7955	9.46						
05	7956	8.02						
06	7957	12.62						
07	7958	8.57						
08	7959	3.84						
09	7960	0.55						
10	7961	0.07						
11	7962	0.07						
12	7963	0.07						
13	7964	0.14						
14	7965	2.33						
15	7966	0.07						
16	7967	0.07						
17	7968	0.14						
18	7969	3.77						
19	"	4.53						
20	7970	1.99						
21								
22								
23								
24								
25								
26								
27								
28								
29								
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amples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
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P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Oct 18, 99

No.	Sample Number	Au g/tonne
01	7971 CORE	0.07
02	7972	0.07
03	7973	0.07
04	7974	0.07
05	7975	<0.03
06	7976	<0.03
07	7977	<0.03
08	7978	<0.03
09	7979	0.14
10	7980	0.07
11	7981	0.07
12	7982	0.07
13	7983	<0.03
14	7984	<0.03
15	7985	<0.03
16	7986	<0.03
17	7987	<0.03
18	7988	<0.03
19	7989	0.07
20	7990	0.21
21		
22		
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amples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Oct 19,99

No.	Sample Number	Au g/tonne
01	7991 CORE	2.47
02	7992	12.00
03	7993	1.58
04	7994	0.69
05	7995	0.89
06	7996	<0.03
07	7997	<0.03
08	7998	0.55
09	7999	0.41
10	8000	0.69
11	8001	3.02
12	8002	1.10
13	8003	0.27
14	8004	0.48
15	8005	<0.03
16	8006	<0.03
17	8007	<0.03
18	8008	<0.03
19	8009	0.34
20	8010	0.07
21	8011	0.14
22	8012	0.14
23	8013	0.07
24	8014	<0.03
25	8015	0.14
26	8016	0.07
27	8017	<0.03
28	8018	0.14
29	8019	0.14
30	8020	0.07

Approved

amples received
Results

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Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 14 99

No.	Sample Number	Au g/tonne
01	8021 CORE	< 0.03
02	8022	< 0.03
03	8023	< 0.03
04	8024	< 0.03
05	8025	< 0.03
06	8026	< 0.03
07	8027	< 0.03
08	8028	0.14
09	8029	37.85
10	8030	0.07
11	8031	1.44
12	8032	< 0.03
13	8033	0.14
14	8034	0.07
15	8035	0.07
16	8036	< 0.03
17	8037	< 0.03
18	8038	< 0.03
19	8039	< 0.03
20	8040	0.14
21	8041	0.07
22	8042	0.07
23	8043	0.07
24	8044	0.07
25	8045	0.07
26	8046	0.07
27	8047	< 0.03
28	8048	< 0.03
29	8049	0.07
30	8050	0.14

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amples received
Results

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Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 19, 99

No.	Sample Number	Au g/tonne
01	8051 CORE	0.21
02	8052	<0.03
03	8053	<0.03
04	8054	<0.03
05	8055	<0.03
06	8056	<0.03
07	8057	<0.03
08	8058	<0.03
09	8059	1.03
10	8060	<0.03
11	8061	<0.03
12		
13		
14		
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29		
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Allard

amples received
Results

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 27.99

No.	Sample Number	Au g/tonne
01	8062 CORE	0.55
02	8063	<0.03
03	8064	0.07
04	8065	<0.03
05	8066	<0.03
06	8067	0.21
07	8068	<0.03
08	8069	0.07
09	8070	0.27
10	8071	<0.03
11	8072	<0.03
12	8073	0.89
13	8074	0.14
14	8075	0.07
15	8076	0.07
16	8077	<0.03
17	8078	<0.03
18	8079	<0.03
19	8080	<0.03
20	8081	1.17
21	8082	0.14
22	8083	0.07
23	8084	<0.03
24	8085	<0.03
25	8086	0.14
26	8087	0.07
27	8088	0.07
28	8089	1.65
29	8040	<0.03
30	8091	<0.03

Marked

amples received
Results

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 27/99

No.	Sample Number	Au g/tonne
01	8092 CORE	<0.03
02	8093	0.07
03	8094	<0.03
04	8095	0.07
05	8096	0.27
06	8097	0.82
07	8098	0.21
08		
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Mostad

amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 29, 99

No.	Sample Number	Au g/tonne
01	3099 CORE	<0.03
02	8100	<0.03
03		
04		
05		
06		
07		
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12		
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Moskal

amples received
Results

P.O. Box 1570
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 29,99

No.	Sample Number	Au g/tonne
01	8201 CORE	<0.03
02	8202	<0.03
03	8203	<0.03
04	8204	<0.03
05	8205	0.62
06	8206	<0.03
07	8207	0.14
08	8208	0.14
09	8209	0.07
10	8210	<0.03
11	8211	<0.03
12	8212	0.48
13	8213	<0.03
14	8214	<0.03
15	8215	<0.03
16		
17		
18		
19		
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Marked

amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

✓

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Oct 29,99

No.	Sample Number	Au g/tonne
01	8216 CORE	<0.03
02	8217	<0.03
03	8218	<0.03
04	8219	<0.03
05	8220	0.14
06	8221	0.02
07	8222	<0.03
08	8223	<0.03
09	8224	0.21
10	8225	0.27
11	8226	0.07
12	8227	<0.03
13	8228	0.07
14	8229	0.07
15	8230	<0.03
16	8231	1.17
17	8232	<0.03
18	8233	<0.03
19	8234	<0.03
20	8235	0.27
21		
22		
23		
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amples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 3/99

No.	Sample Number	Au g/tonne
01	8236 CORE	0.48
02	8237	0.07
03	8238	< 0.03
04	8239	< 0.03
05	8240	< 0.03
06	8241	0.07
07	8242	0.14
08	8243	0.14
09	8244	0.14
10	8245	0.62
11	8246	5.14
12	8247	0.55
13	8248	114.02
14	8249	120.60
15	8250	181.14
16	8251	0.82
17	8252	85.02
18	8253	0.07
19	8254	0.14
20	8255	0.07
21	8256	0.14
22	8257	1.17
23	8258	0.55
24	8259	0.14
25		
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amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 3, 99

No.	Sample Number	Au g/tonne
01	8260 CORE	0.07
02	8261	0.14
03	8262	0.14
04	8263	< 0.03
05	8264	0.21
06	8265	1.23
07	8266	0.48
08	8267	0.07
09	8268	0.07
10	8269	< 0.03
11	8270	< 0.03
12	8271	< 0.03
13	8272	< 0.03
14	8273	< 0.03
15	8274	6.17
16	8275	< 0.03
17	8276	0.14
18	8277	< 0.03
19	8278	< 0.03
20	8279	< 0.03
21	8280	< 0.03
22	8281	26.40
23	"	29.55
24	8282	< 0.03
25		
26		
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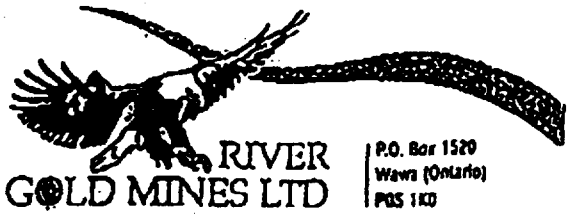
Marcel

amples received
Results



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Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 3,99

No.	Sample Number	Au g/tonne
01	8283 CORE	3.77
02	8284	0.89
03	8285	0.82
04	8286	< 0.03
05	8287	0.07
06	8288	0.21
07	8289	0.21
08	8290	0.27
09	8291	< 0.03
10	8292	< 0.03
11	8293	1.92
12	8294	< 0.03
13	8295	1.23
14	8296	0.75
15	8297	1.65
16	8298	28.52
17	8299	< 0.03
18	8300	< 0.03
19	8301	< 0.03
20	8302	< 0.03
21	8303	51.83
22	"	46.83
23	8304	157.97
24	"	146.59
25		
26		
27		
28		
29		
30		

49.33

Marcel

amples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
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Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 3, 99

No.	Sample Number	Au g/tonne
01	8305 CORE	3.02
02	8306	0.82
03	8307	51.22
04	"	52.59
05	8308	0.27
06	8309	0.21
07	8310	0.96
08	8311	0.07
09	8312	< 0.03
10	8313	< 0.03
11	8314	0.69
12	8315	3.09
13	8316	< 0.03
14	8317	0.14
15	8318	0.07
16	8319	0.07
17	8320	<0.03
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amples received

Results

CLIENT RIVER GOLD MINES

Daily Assay Report

DATE Nov 4 99

No.	Sample Number	Au g/tonne
01	8321 CORE	0.07
02	8322	0.07
03	8323	< 0.03
04	8324	< 0.03
05	8325	< 0.03
06	8326	0.07
07	8327	< 0.03
08	8328	< 0.03
09	8329	0.14
10	8330	< 0.03
11	8331	0.21
12	8332	< 0.03
13	8333	< 0.03
14	8334	0.14
15	8335	0.75
16	8336	< 0.03
17	8337	< 0.03
18	8338	< 0.03
19	8339	< 0.03
20	8340	< 0.03
21	8341	< 0.03
22	8342	< 0.03
23	8343	0.07
24	8344	0.07
25	8345	0.07
26	8346	0.14
27	8347	0.14
28	8348	< 0.03
29	8349	< 0.03
30	8350	0.14

amples received

Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 4,99

No.	Sample Number	Au g/tonne					
01	8351 CORE	<0.03					
02	8352	<0.03					
03	8353	<0.03					
04	8354	<0.03					
05	8355	<0.03					
06	"	<0.03					
07	8356	<0.03					
08	8357	<0.03					
09	8358	0.14					
10	8359	<0.03					
11	8360	<0.03					
12	8361	<0.03					
13	8362	<0.03					
14	8363	1.17					
15	8364	<0.03					
16	8365	1.10					
17	8366	<0.03					
18	8367	46.83					
19	8368	71.79	71.92				
20	"	72.06					
21	8369	1.65					
22	8370	0.07					
23	8371	0.07					
24	8372	0.21					
25	8373	0.21					
26	8374	<0.03					
27	8375	<0.03					
28							
29							
30							

amples received

Results

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Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 4 99

No.	Sample Number	Au g/tonne
01	8376 CORE	<0.03
02	8377	<0.03
03	8378	<0.03
04	8379	<0.03
05	8380	<0.03
06	8381	<0.03
07	8382	<0.03
08	8383	<0.03
09	8384	<0.03
10	8385	<0.03
11	8386	<0.03
12	8387	<0.03
13	8388	<0.03
14	8389	<0.03
15	8390	<0.03
16	8391	<0.03
17	8392	<0.03
18	8393	<0.03
19	8394	<0.03
20	8395	<0.03
21	8396	— MISSING THE SAMPLE
22	8397	<0.03
23	8398	<0.03
24	8399	<0.03
25		
26		
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amples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
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P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 4, 99

No.	Sample Number	Au g/tonne
01	8400 CORE	<0.03
02	8401	0.07
03	8402	4.05
04	8403	1.71
05	8404	0.96
06	8405	0.27
07	8406	<0.03
08	8407	<0.03
09	8408	<0.03
10	8409	<0.03
11	8410	<0.03
12	8411	0.21
13	8412	0.07
14	8413	<0.03
15	8414	<0.03
16	8415	<0.03
17	8416	<0.03
18	8417	<0.03
19	8418	0.69
20	8419	0.07
21	8420	0.07
22	8421	<0.03
23		
24		
25		
26		
27		
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29		
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amples received
Results

P.O. Box 1329
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 5,99

No.	Sample Number	Au g/tonne						
01	8422 CORE	< 0.03						
02	8423	0.82						
03	8424	1.30						
04	8425	6.17	5.84					
05	"	5.51						
06	8426	79.40	85.60					
07	"	91.81						
08	8427	117.52	121.88					
09	"	126.23						
10	8428	0.07						
11	8429	0.07						
12	8430	< 0.03						
13	8431	< 0.03						
14	8432	< 0.03						
15	8433	0.41						
16	8434	< 0.03						
17	8435	< 0.03						
18	8436	< 0.03						
19	8437	< 0.03						
20	8438	< 0.03						
21	8439	5.14						
22	8440	4.80						
23	8441	1.51						
24	8442	4.25						
25								
26								
27								
28								
29								
30								

amples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 5,99

No.	Sample Number	Au g/tonne
01	8443 CORE	< 0.03
02	8444	< 0.03
03	8445	< 0.03
04	8446	< 0.03
05	8447	< 0.03
06	8448	< 0.03
07	8449	< 0.03
08	8450	< 0.03
09	8451	0.41
10	8452	0.62
11	8453	0.14
12	8454	0.41
13	8455	< 0.03
14	8456	0.21
15	8457	< 0.03
16	8458	< 0.03
17	8459	0.07
18	8460	0.07
19	8461	0.48
20	8462	4.87
21	8463	1.23
22	8464	0.21
23	8465	2.88
24	8466	0.69
25		
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amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 5,99

No.	Sample Number	Au g/tonne
01	8467 CORE	1.10
02	8468	0.55
03	8469	0.96
04	8470	< 0.03
05	8471	< 0.03
06	8472	< 0.03
07	8473	< 0.03
08	8474	0.82
09	8475	< 0.03
10	8476	0.34
11	8477	≥0.03
12	8478	<0.03
13	8479	<0.03
14	8480	< 0.03
15	8481	<0.03
16	8482	1.03
17	8483	< 0.03
18	8484	0.14
19	8485	2.67
20	8486	3.36
21	8487	0.96
22	8488	1.51
23	8489	< 0.03
24	8490	0.48
25	8491	< 0.03
26	8492	< 0.03
27	8493	< 0.03
28	8494	< 0.03
29	8495	< 0.03
30	8496	< 0.03

Missed

amples received
Results

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 5,99

No.	Sample Number	Au g/tonne
01	8497 CORE	< 0.03
02	8498	< 0.03
03	8499	0.14
04	8500	4.11
05	8501	2.67
06	8502	< 0.03
07	8503	0.14
08	8504	< 0.03
09	8505	< 0.03
10	8506	< 0.03
11	8507	1.10
12	8508	< 0.03
13	8509	0.55
14	8510	4.32
15	8511	< 0.03
16	8512	< 0.03
17	8513	< 0.03
18	8514	< 0.03
19	8515	< 0.03
20	8516	< 0.03
21	8517	< 0.03
22	8518	< 0.03
23	8519	< 0.03
24	8520	< 0.03
25	8521	< 0.03
26	8522	< 0.03
27	8523	< 0.03
28	8524	< 0.03
29	8525	0.21
30	8526	1.23

Checked

amples received
Results

RIVER GOLD MINES LTD
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Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 5,99

No.	Sample Number	Au g/tonne
01	8527 CORE	<0.03
02	8528	<0.03
03	8529	<0.03
04	8530	<0.03
05	8531	<0.03
06	8532	<0.03
07	8533	<0.03
08	8534	<0.03
09	8535	<0.03
10	8536	<0.03
11	8537	<0.03
12	8538	<0.03
13	8539	<0.03
14	8540	<0.03
15	8541	<0.03
16	8542	<0.03
17	8543	<0.03
18	8544	<0.03
19	8545	<0.03
20	8546	<0.03
21	8547	<0.03
22		
23		
24		
25		
26		
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29		
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amples received
Results

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 8,99

No.	Sample Number	Au g/tonne						
01	8548 CORE	< 0.03						
02	8549	< 0.03						
03	8550	< 0.03						
04	8551	0.07						
05	8552	0.07						
06	8553	3.29						
07	8554	4.66						
08	8555	13.10						
09	8556	2.19						
10	8557	0.82						
11	8558	0.07						
12	8559	< 0.03						
13	8560	—	} MISSING SAMPLES					
14	8561	—						
15	8562	< 0.03						
16	8563	< 0.03						
17	8564	< 0.03						
18	8565	< 0.03						
19	8566	< 0.03						
20	8567	0.69						
21	8568	46.76						
22	8569	< 0.03						
23	8570	< 0.03						
24	8571	< 0.03						
25								
26								
27								
28								
29								
30								

amples received
Results

P.O. Box 1520
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Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 8, 99

No.	Sample Number	Au g/tonne
01	8572 CORE	< 0.03
02	8573	< 0.03
03	8574	< 0.03
04	8575	< 0.03
05	8576	< 0.03
06	8577	< 0.03
07	8578	< 0.03
08	8579	< 0.03
09	8580	< 0.03
10	8581	< 0.03
11	8582	< 0.03
12	8583	< 0.03
13	8584	1.37
14	8585	< 0.03
15	8586	< 0.03
16	8587	< 0.03
17	8588	0.07
18	8589	< 0.03
19		
20		
21		
22		
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24		
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27		
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29		
30		

Mosel

amples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
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P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 9, 99

No.	Sample Number	Au g/tonne
01	8590 CORE	< 0.03
02	8591	< 0.03
03	8592	< 0.03
04	8593	< 0.03
05	8594	< 0.03
06	8595	< 0.03
07	8596	< 0.03
08	8597	< 0.03
09	8598	< 0.03
10	8599	< 0.03
11	8600	< 0.03
12	8601	< 0.03
13	8602	< 0.03
14	8603	< 0.03
15	8604	< 0.03
16	8605	< 0.03
17	8606	< 0.03
18	8607	< 0.03
19	8608	< 0.03
20	8609	< 0.03
21	8610	< 0.03
22	8611	< 0.03
23	8612	< 0.03
24	8613	< 0.03
25		
26		
27		
28		
29		
30		

amples received
Results

RIVER GOLD MINES LTD
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P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 9,99

No	Sample Number	Au g/tonne
01	8614 CORE	< 0.03
02	8615	0.14
03	8616	< 0.03
04	8617	< 0.03
05	8618	< 0.03
06	8619	< 0.03
07	8620	0.07
08	8621	0.48
09	8622	0.34
10	8623	< 0.03
11	8624	< 0.03
12	8625	< 0.03
13	8626	< 0.03
14	8627	< 0.03
15	8628	0.41
16	8629	< 0.03
17	8630	< 0.03
18	8631	0.75
19	8632	0.27
20	8633	0.07
21	8634	0.07
22	8635	< 0.03
23	8636	< 0.03
24	8637	< 0.03
25		
26		
27		
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29		
30		

Mosk

amples received
Results

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Wawa (Ontario)
P0S 1K0

✓

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov. 9.99

No	Sample Number	Au g/tonne
01	8638 CORE	<0.03
02	8639	<0.03
03	8640	<0.03
04	8641	<0.03
05	8642	<0.03
06	8643	<0.03
07	8644	<0.03
08	8645	<0.03
09	8646	<0.03
10	8647	<0.03
11	8648	<0.03
12	8649	<0.03
13	8650	<0.03
14	8651	<0.03
15	8652	<0.03
16	8653	<0.03
17	8654	<0.03
18	8655	<0.03
19	8656	<0.03
20	8657	<0.03
21	8658	<0.03
22	8659	<0.03
23	8660	<0.03
24	8661	<0.03
25	8662	<0.03
26	8663	<0.03
27	8664	<0.03
28	8665	<0.03
29	8666	<0.03
30	8667	0.27

Modal

amples received
Results

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P0S 1K0

✓

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 9,99

No.	Sample Number	Au g/tonne
01	8668 CORE	< 0.03
02	8669	< 0.03
03	8670	< 0.03
04	8671	0.14
05	8672	4.80
06	"	5.42
07	8673	0.07
08	8674	< 0.03
09	8675	0.07
10	8676	< 0.03
11	8677	< 0.03
12	8678	< 0.03
13	8679	0.07
14	8680	< 0.03
15	8681	< 0.03
16	8682	0.14
17	8683	0.41
18	8684	< 0.03
19	8685	< 0.03
20	8686	0.07
21	8687	0.27
22	8688	< 0.03
23	8689	0.07
24	8690	0.07
25	8691	0.27
26		
27		
28		
29		
30		

amples received
Results

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Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 10,99

No.	Sample Number	Au g/tonne
01	8692 CORE	<0.03
02	8693	<0.03
03	8694	<0.03
04	8695	<0.03
05	8696	<0.03
06	8697	<0.03
07	8698	<0.03
08	8699	<0.03
09	8700	<0.03
10	8701	<0.03
11	8702	<0.03
12	8703	<0.03
13	8704	<0.03
14	8705	<0.03
15	8706	<0.03
16	8707	0.07
17	8708	0.14
18	8709	8.02
19	8710	0.55
20	8711	1.37
21	8712	0.14
22	8713	1.51
23	8714	1.71
24	8715	<0.03
25		
26		
27		
28		
29		
30		

Mosted

amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

V

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 10,99

No.	Sample Number	Au g/tonne						
01	8716 CORE	<0.03						
02	8717	0.48						
03	8718	4.18						
04	8719	1.65						
05	8720	0.62						
06	8721	<0.03	7.11					
07	8722	0.27	2.4 m					
08	8723	2.33						
09	8724	38.33						
10	8725	9.53						
11	8726	0.14						
12	8727	<0.03						
13	8728	<0.03						
14	8729	<0.03						
15	8730	<0.03						
16	8731	<0.03						
17	8732	<0.03						
18	8733	<0.03						
19	8734	<0.03						
20	8735	<0.03						
21	8736	<0.03						
22	8737	<0.03						
23	8738	<0.03						
24	8739	<0.03						
25	8740	<0.03						
26								
27								
28								
29								
30								

Mark

amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 15, 99

No.	Sample Number	Au g/tonne						
01	8741 CORE	<0.03						
02	8742	<0.03						
03	8743	<0.03						
04	8744	<0.03						
05	8745	0.07						
06	8746	0.62						
07	8747	0.07						
08	8748	0.07						
09	8749	<0.03		99	-90			
10	8750	<0.03						
11	8751	<0.03						
12	8752	<0.03						
13	8753	<0.03						
14	8754	<0.03						
15	8755	<0.03						
16	8756	0.34						
17	8757	0.27						
18	8758	<0.03						
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 16,99

No.	Sample Number	Au g/tonne
01	8759 CORE	< 0.03
02	8760	< 0.03
03	8761	< 0.03
04	8762	< 0.03
05	8763	< 0.03
06	8764	< 0.03
07	8765	< 0.03
08	8766	< 0.03
09	8767	< 0.03
10	8768	< 0.03
11	8769	< 0.03
12	8770	< 0.03
13	8771	< 0.03
14	8772	< 0.03
15	8773	0.07
16	8774	0.21
17	8775	< 0.03
18	8776	< 0.03
19	8777	< 0.03
20	8778	< 0.03
21	8779	< 0.03
22	8780	< 0.03
23	8781	< 0.03
24	8782	< 0.03
25		
26		
27		
28		
29		
30		

Marked

Samples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 16,99

No.	Sample Number	Au g/tonne
01	8783 CORE	0.07
02	8784	0.07
03	8785	< 0.03
04	8786	< 0.03
05	8787	< 0.03
06	8788	< 0.03
07	8789	0.21
08	8790	0.14
09	8791	11.72
10	8792	0.07
11	8793	0.14
12	8794	0.14
13	8795	0.07
14	8796	< 0.03
15	8797	< 0.03
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		

amples received
Results

✓

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 17, 99

No.	Sample Number	Au g/tonne	
01	8798 CORE	< 0.03	
02	8799	< 0.03	
03	8800	< 0.03	
04	8801	—	MISSING THE SAMPLE
05	8802	1.23	
06	8803	< 0.03	
07	8804	< 0.03	
08	8805	< 0.03	
09	8806	< 0.03	
10	8807	< 0.03	
11	8808	< 0.03	
12	8809	< 0.03	99-92
13	8810	< 0.03	
14	8811	< 0.03	
15	8812	< 0.03	
16	8813	0.14	
17	8814	< 0.03	
18	8815	0.07	
19	8816	0.07	
20	8817	0.14	
21	8818	< 0.03	
22	8819	< 0.03	
23	8820	< 0.03	
24	8821	< 0.03	99-93
25	8822	< 0.03	
26			
27			
28			
29			
30			

amples received
Results

RIVER GOLD MINES LTD
P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 17,99

No.	Sample Number	Au g/tonne
01	8823 CORE	0.07
02	8824	< 0.03
03	8825	< 0.03
04	8826	0.07
05	8827	< 0.03
06	8828	< 0.03
07	8829	0.07
08	8830	< 0.03
09	8831	0.07
10	8832	< 0.03
11	8833	< 0.03
12	8834	0.48
13	8835	< 0.03
14	8836	< 0.03
15	8837	< 0.03
16	8838	< 0.03
17	8839	< 0.03
18	8840	< 0.03
19	8841	< 0.03
20	8842	< 0.03
21	8843	< 0.03
22	8844	< 0.03
23	8845	< 0.03
24	8846	< 0.03
25		
26		
27		
28		
29		
30		

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Moved

amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 17,99

No.	Sample Number	Au g/tonne
01	8847 CORE	0.07
02	8848	< 0.03
03	8849	< 0.03
04	8850	< 0.03
05	8851	< 0.03
06	8852	< 0.03
07	8853	0.14
08	8854	< 0.03
09	8855	< 0.03
10	8856	< 0.03
11	8857	< 0.03
12	8858	< 0.03
13	8859	< 0.03
14	8860	< 0.03
15	8861	< 0.03
16	8862	< 0.03
17	8863	< 0.03
18	8864	< 0.03
19	8865	0.21
20	8866	< 0.03
21	8867	2.67
22	8868	6.72
23	"	7.61
24	8869	0.07
25		
26		
27		
28		
29		
30		

amples received
Results

RIVER GOLD MINES LTD
P.O. Box 1529
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 17, 99

No.	Sample Number	Au g/tonne
01	8870 CORE	0.14
02	8871	0.07
03	8872	6.58
04	8873	0.27
05	8874	0.21
06	8875	0.89
07	8876	0.14
08	8877	0.07
09	8878	0.07
10	8879	<0.03
11	8880	<0.03
12	8881	<0.03
13	8882	<0.03
14	8883	<0.03
15	8884	0.14
16	8885	0.07
17	8886	<0.03
18	8887	0.14
19	8888	0.14
20	8889	<0.03
21	8890	<0.03
22	8891	<0.03
23	8892	<0.03
24	8893	<0.03
25	8894	<0.03
26	8895	<0.03
27	8896	<0.03
28	8897	<0.03
29	8898	<0.03
30	8899	<0.03

amples received
Results

CHECK

RIVER GOLD MINES LTD
P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES

DATE Nov 19, 99

No.	Sample Number	Au g/tonne (1st)		Au g/t (2nd FROM PULP)		Au g/t REJECT		
01	8874 CORE	0.21		0.14		0.14		
02	"			0.21		0.14		
03								
04								
05								
06								
07								
08								
09								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
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25								
26								
27								
28								
29								
30								

amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 18,99

No.	Sample Number	Au g/tonne
01	8989 CORE	0.34
02	8990	0.07
03	8991	2.74
04	8992	0.14
05	8993	2.13
06	8994	0.82
07	8995	8.57
08	8996	0.07
09	8997	0.14
10	8998	< 0.03
11	8999	0.14
12	9000	1.17
13	9001	<0.03
14	9002	<0.03
15	9003	<0.03
16	9004	<0.03
17	9005	<0.03
18	9006	<0.03
19	9007	<0.03
20	9008	<0.03
21	9009	<0.03
22	9010	<0.03
23	9011	<0.03
24	9012	<0.03
25		
26		
27		
28		
29		
30		

QOS-7

Mostad

amples received
Results

P.O. Box 1570
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 18,99

No.	Sample Number	Au g/tonne
01	9013 CORE	0.14
02	9014	0.14
03	9015	0.21
04	9016	< 0.03
05	9017	0.07
06	9018	0.14
07	9019	0.14
08	9020	0.14
09	9021	<0.03
10	9022	<0.03
11	9023	0.07
12	9024	0.07
13	9025	0.21
14		
15		
16		
17		
18		
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22		
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25		
26		
27		
28		
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30		

Checked

amples received
Results

P.O. Box 1520
Wawa (Ontario)
P0S 1K0

Daily Assay Report

CLIENT RIVER GOLD MINES DATE Nov 19, 99

No.	Sample Number	Au g/tonne
01	9026 CORE	< 0.03
02	9027	< 0.03
03	9028	< 0.03
04	9029	< 0.03
05	9030	0.07
06	9031	< 0.03
07	9032	< 0.03
08	9033	0.07
09	9034	< 0.03
10	9035	< 0.03
11	9036	0.14
12	9037	0.14
13	9038	< 0.03
14	9039	< 0.03
15	9040	< 0.03
16	9041	< 0.03
17	9042	0.07
18	9043	0.07
19	9044	< 0.03
20	9045	< 0.03
21	9046	< 0.03
22	9047	0.34
23	9048	0.82
24	9049	< 0.03
25	9050	< 0.03
26	9051	< 0.03
27	9052	< 0.03
28	9053	< 0.03
29	9054	< 0.03
30	9055	< 0.03

Ontario Ministry of Northern Development and Mines

Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 65(2) and 66(3), R.S.O. 1990

Transaction Number (office use)
W0050. 00049
Assessment Files Research Imaging

41N14NW2003 2.20301 POINT ISACOR 900

bsection 65(2) and 66(3) of the Mining Act. Under section 8 of the Mining Act, this ent work and correspond with the mining land holder. Questions about this collection ent and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

cording a claim, use form 0240.

- Please type or print in ink.

1. Recorded holder(s) (Attach a list if necessary)

Name: River Gold Mines Ltd	Client Number: 116736
Address: 127 Mission Rd	Telephone Number: 705-856-2721
Wawa Ontario	Fax Number: 705-856-2886
Name	Client Number
Address	Telephone Number
	Fax Number

2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

☐ Geotechnical: prospecting, surveys, assays and work under section 18 (regs)

☑ Physical: drilling stripping, trenching and associated assays

☐ Rehabilitation

Work Type: Diamond Drilling		Office Use
		Commodity
		Total $ Value of Work Claimed: $ 205,191
Dates Work Performed: From Day 28 Month 09 Year 99 To Day 15 Month 11 Year 99		NTS Reference
Global Positioning System Data (if available)	Township/Area: Point Isaac	Mining Division: Sault Ste Marie
	M or G-Plan Number: G-3778	Resident Geologist District: Timmins

Please remember to:
- obtain a work permit from the Ministry of Natural Resources as required;
- provide proper notice to surface rights holders before starting work;
- complete and attach a Statement of Costs, form 0212;
- provide a map showing contiguous mining lands that are linked for assigning work;
- include two copies of your technical report.

RECEIVED
MAY 29 2000
GEOSCIENCE ASSESSMENT OFFICE

3. Person or companies who prepared the technical report (Attach a list if necessary)

Name: Charles Hartley	Telephone Number: 705-856-2721
Address: 127 Mission Rd, Wawa Ont	Fax Number: 705-856-2956
Name: Alex Stewart	Telephone Number: 705-856-2721
Address: 127 Mission Rd Wawa Ont	Fax Number: 705-856-2721
Name: Jacques Brunelle	Telephone Number: 819-825-2636
Address: 100 Rue Marchand Val d'Or Que	Fax Number: 819-825-2602

4. Certification by Recorded Holder or Agent

I, Charles Hartley (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent: Charles Hartley		Date: May 18/2000
Agent's Address: 127 Mission Rd Wawa Ont	Telephone Number: 705-856-2721	Fax Number: 705-856-2986

0241 (03/97)

5. **Work to be recorded and distributed.** Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

W0050.00049

	Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claim Units. For other mining land, list hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date
eg	TB 7827	16 ha	$26,825	N/A	$24,000	$2,825
eg	1234567	12	0	$24,000	0	0
eg	1234568	2	$ 8,892	$ 4,000	0	$4,892
1	690838	1	40178.45			40178.45
2	690846	1	57101.69			57101.69
3	690847	1	39041.56			39041.56
4	690867	1	27027.35			27027.35
5	690886	1	21042.91			21042.00
6	690887	1	20800.34			20800.34
7						
8						
9						
10						
11				2,20801		
12						
13						
14						
15						
	Column Totals	6	205923			$205191.39

5000142

5000143

I, Charles HARTLEY (Print Full Name), do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Recorded Holder or Agent Authorized in Writing	Date
Charles Hartley	May 18, 2000

6. **Instruction for cutting back credits that are not approved.**

Some of the credits claimed in this declaration may be cut back. Please check (✓) in the boxes below to show how you wish to prioritize the deletion of credits:

- ☐ 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- ☐ 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- ☐ 3. Credits are to be cut back equally over all claims listed in this declaration; or
- ☐ 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

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MAY 29 2000
GEOSCIENCE ASSESSMENT OFFICE

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use Only

Received Stamp	Deemed Approved Date	Date Notification Sent
	Date Approved	Total Value of Credit Approved
	Approved for Recording by Mining Recorder (Signature)	

0241 (03/97)

Ontario Ministry of Northern Development and Mines

Statement of Costs for Assessment Credit

Transaction Number (office use)

Personal information collected on this form is obtained under the authority of subsection 6 (1) of the Assessment Work Regulation 6/96. Under section 8 of the Mining Act, this information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this collection should be directed to a Provincial Mining Recorder, Ministry of Northern Development and Mines, 3rd Floor, 933 Ramsey Lake Road, Sudbury, Ontario, P3E 6B5.

W0050.00049

Work Type	Units of work Depending on the type of work, list the number of hours/days worked, metres of drilling, kilometres of grid line, number of samples, etc.	Cost Per Unit of work	Total Cost
Diamond Drilling	3074m	50.32	154680.89
Essays	1377	11.50	15835.50
		2.20	3.01
Associated Costs (e.g. supplies, mobilization and demobilization).			
Geologist + assistant		475/day	17575
Drafting / Report			4500
Transportation Costs			
truck		1000/month	1500.00
Food and Lodging Costs			
6 men x $50/day x 37 days		-	11100.00
		Total Value of Assessment Work	$205191.39

RECEIVED
MAY 29 2000
GEOSCIENCE ASSESSMENT OFFICE

Calculations of Filing Discounts:

1. Work filed within two years of performance is claimed at 100% of the above Total Value of Assessment Work.
2. If work is filed after two years and up to five years after performance, it can only be claimed at 50% of the Total Value of Assessment Work. If this situation applies to your claims, use the calculation below:

TOTAL VALUE OF ASSESSMENT WORK x 0.50 = Total $ value of worked claimed.

Note:
- Work older than 5 years is not eligible for credit.
- A recorded holder may be required to verify expenditures claimed in this statement of costs within 45 days of a request for verification and/or correction/clarification. If verification and/or correction/clarification is not made, the Minister may reject all or part of the assessment work submitted.

Certification verifying costs:

I, Charles HARTLEY (please print full name) do hereby certify, that the amounts shown are as accurate as may reasonably be determined and the costs were incurred while conducting assessment work on the lands indicated on the accompanying Declaration of Work form as Senior Exploration Geologist (recorded holder, agent, or state company position with signing authority) I am authorized to make this certification.

Signature	Date
Charles Hartley	May 18/00

0212 (04/97)

Ministry of Northern Development and Mines

Ministère du Développement du Nord et des Mines

Ontario

Geoscience Assessment Office
933 Ramsey Lake Road
6th Floor
Sudbury, Ontario
P3E 6B5

Telephone: (888) 415-9845
Fax: (877) 670-1555

Visit our website at:
www.gov.on.ca/MNDM/MINES/LANDS/mlsmnpge.htm

June 1, 2000

RIVER GOLD MINES LTD.
P.O.BOX 268
VAL D'OR, QUEBEC
J9P-4P3

Dear Sir or Madam:

Submission Number: 2.20301

Subject: Transaction Number(s):		**Status**
	W0050.00049	Approval

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice. Allowable changes to your credit distribution can be made by contacting the Geoscience Assessment Office within this 45 Day period, otherwise assessment credit will be cut back and distributed as outlined in Section #6 of the Declaration of Assessment work form.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

If you have any questions regarding this correspondence, please contact LUCILLE JEROME by e-mail at lucille.jerome@ndm.gov.on.ca or by telephone at (705) 670-5858.

Yours sincerely,

Steven B. Beneteau

ORIGINAL SIGNED BY
Steve B. Beneteau
Acting Supervisor, Geoscience Assessment Office
Mining Lands Section

Correspondence ID: 14948
Copy for: Assessment Library

Work Report Assessment Results

Submission Number: 2.20301

Date Correspondence Sent: June 01, 2000 **Assessor:** LUCILLE JEROME

Transaction Number	First Claim Number	Township(s) / Area(s)	Status	Approval Date
W0050.00049	690838	POINT ISACOR	Approval	June 01, 2000

Section:
16 Drilling PDRILL

Correspondence to:

Resident Geologist
South Porcupine, ON

Assessment Files Library
Sudbury, ON

Recorded Holder(s) and/or Agent(s):

Charles Hartley
WAWA, ONTARIO, CANADA

RIVER GOLD MINES LTD.
VAL D'OR, QUEBEC

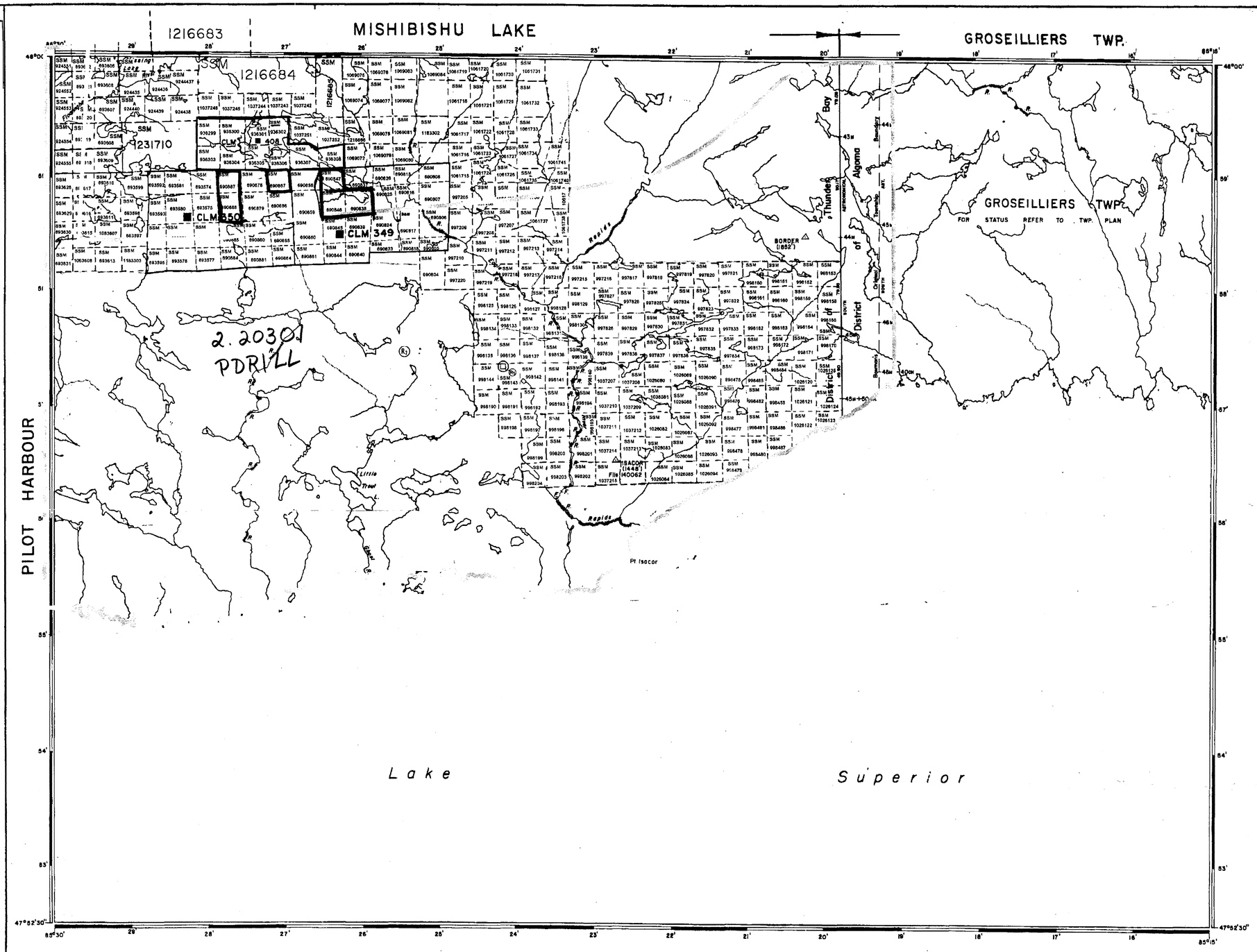
Correspondence ID: 14948

REFERENCES

AREAS WITHDRAWN FROM DISPOSITION

M.R.O. – MINING RIGHTS ONLY
S.R.O. – SURFACE RIGHTS ONLY
M.+ S. – MINING AND SURFACE RIGHTS

	Description	Order No.	Date	Disposition	File
(R)	SEC 340 MQ ACT GAP RADAR STATION DEPT. OF NATIONAL DEFENCE WITHDRAWN FROM STAKING		23/10/61		169051
(R)	SEC 35 W-LL-C1519/99 ONT MAY 14/99 M&S				



LEGEND

- HIGHWAY AND ROUTE No.
- OTHER ROADS
- TRAILS
- SURVEYED LINES
  - TOWNSHIPS, BASE LINES, ETC.
  - LOTS, MINING CLAIMS, PARCELS, ETC.
- UNSURVEYED LINES
  - LOT LINES
  - PARCEL BOUNDARY
  - MINING CLAIMS ETC.
- RAILWAY AND RIGHT OF WAY
- UTILITY LINES
- NON-PERENNIAL STREAM
- FLOODING OR FLOODING RIGHTS
- SUBDIVISION OR COMPOSITE PLAN
- RESERVATIONS
- ORIGINAL SHORELINE
- MARSH OR MUSKEG
- MINES
- TRAVERSE MONUMENT

DISPOSITION OF CROWN LANDS

TYPE OF DOCUMENT	SYMBOL
PATENT SURFACE & MINING RIGHTS	●
" , SURFACE RIGHTS ONLY	◒
" , MINING RIGHTS ONLY	◒
LEASE, SURFACE & MINING RIGHTS	■
" , SURFACE RIGHTS ONLY	◨
" , MINING RIGHTS ONLY	◨
LICENCE OF OCCUPATION	▼
ORDER-IN-COUNCIL	OC
RESERVATION	⊕
CANCELLED	⊕
SAND & GRAVEL	⊕

LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS ◊

NOTE -MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 8, 1913, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 380, SEC. 63, SUBSEC 1.

SCALE: 1 INCH = 40 CHAINS

FEET 0 1000 2000 4000 6000 8000
METRES 0 500 1000 (1 KM) 2000 (2 KM)

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES AND ACCURACY IS NOT GUARANTEED

JAN 15 2003

THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

SAULT STE. MARIE MINING DIVISION
RECEIVED
FEB - 7 1994
7,8,9,10,11,12,1,2,3,4,5,6 PM

RECEIVED
MAY 29 2000
GEOSCIENCE ASSESSMENT OFFICE

AREA
POINT ISACOR

M.N.R. ADMINISTRATIVE DISTRICT
WAWA
MINING DIVISION
SAULT STE. MARIE
LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ontario Ministry of Natural Resources
Ministry of Northern Development and Mines

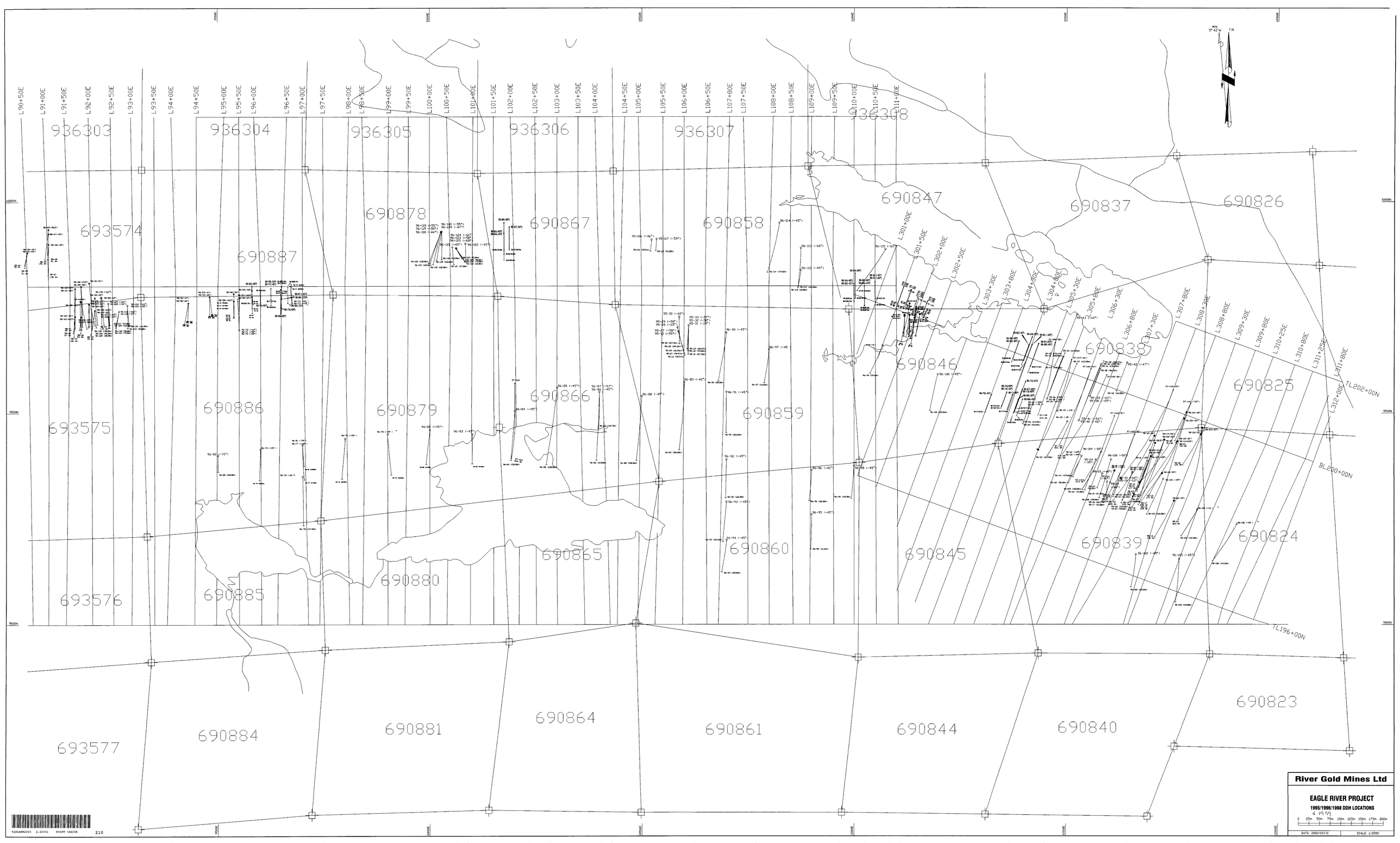
Date FEBRUARY 1987
Number G-3778

G-3778

POINT ISACOR

41N14NW2003 2.20301 POINT ISACOR 200

TRIM TO THIS LINE ALL AROUND



River Gold Mines Ltd

EAGLE RIVER PROJECT

1995/1996/1998 DDH LOCATIONS

d 19.99

0 25m 50m 75m 100m 125m 150m 175m 200m

DATE: 2000/03/31 | SCALE: 1/2500

M.N. 5° 42'W T.N.

936303 936304 936305 936306 936307 936308

690847 690837 690826

693574 690878 690867 690858

690887

690886 690879 690866 690859

693575

690838 690846 690825

690839

690824

690880 690865 690860 690845

693576 690885

690823

690884 690881 690864 690861 690844 690840

693577

L90+50E L91+00E L91+50E L92+00E L92+50E L93+00E L93+50E L94+00E L94+50E L95+00E L95+50E L96+00E L96+50E L97+00E L97+50E L98+00E L98+50E L99+00E L99+50E L100+00E L100+50E L101+00E L101+50E L102+00E L102+50E L103+00E L103+50E L104+00E L104+50E L105+00E L105+50E L106+00E L106+50E L107+00E L107+50E L108+00E L108+50E L109+00E L109+50E L110+00E L110+50E L111+00E

L301+00E L301+50E L302+00E L302+50E L303+30E L303+80E L304+30E L304+80E L305+30E L305+80E L306+30E L306+80E L307+30E L307+80E L308+30E L308+80E L309+30E L309+80E L310+25E L310+80E L311+25E L311+80E L312+00E

TL202+00N

BL200+00N

TL196+00N

10000N 9500N 9000N

9500E 10000E 10500E 11000E 11500E 12000E

River Gold Mines Ltd

EAGLE RIVER PROJECT

1995/1996/1998 DDH LOCATIONS

0 25m 50m 75m 100m 125m 150m 175m 200m

DATE: 2003/03/31 SCALE: 1:2500

ngeoclip.pf

SURFACE2000 - River Gold Mines Ltd.

9550N

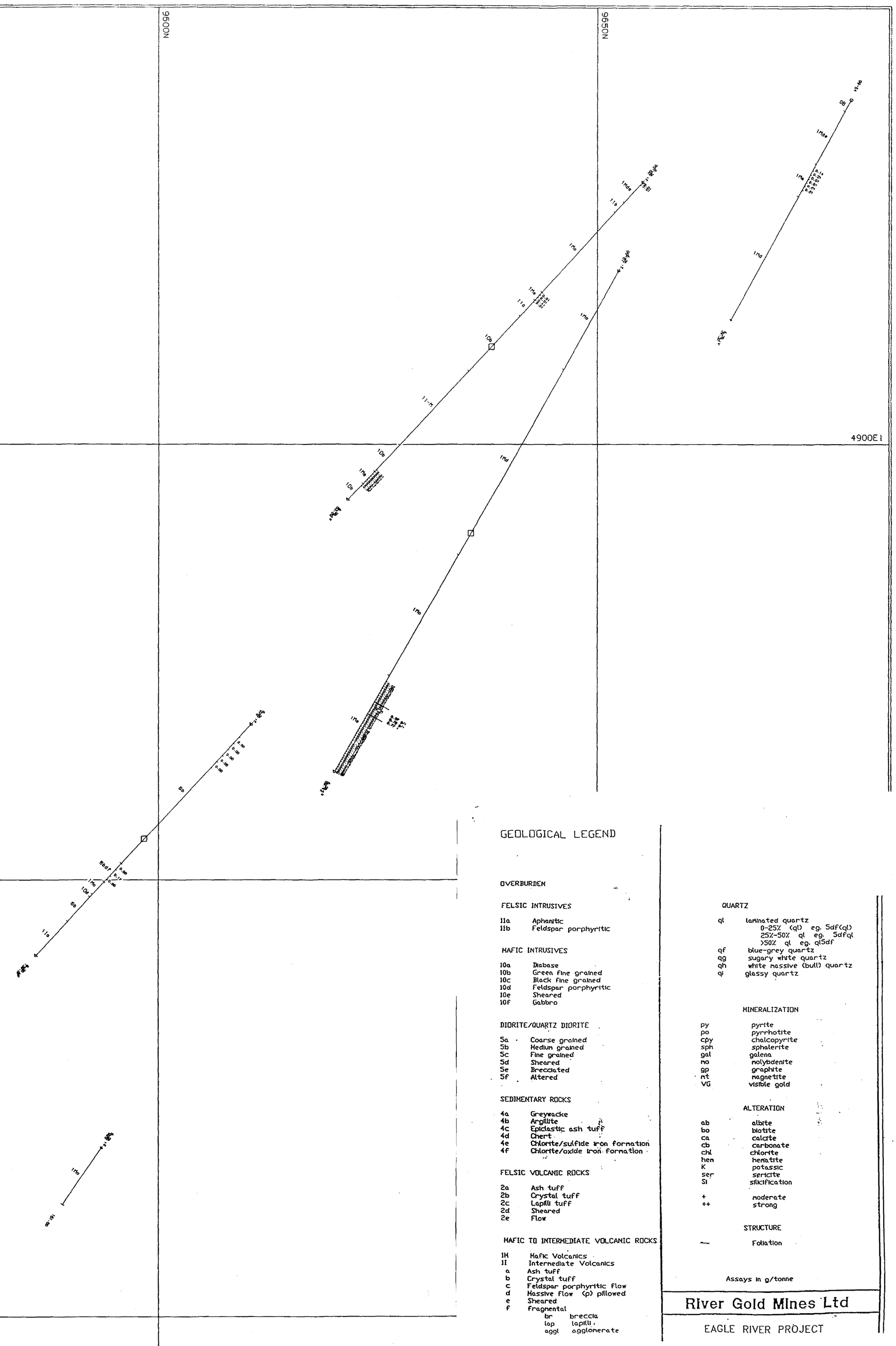
9600N

9650N

4900E l

4850E l

4800E l



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

- 11a Aphanitic
- 11b Feldspar porphyritic

MAFIC INTRUSIVES

- 10a Diabase
- 10b Green fine grained
- 10c Black fine grained
- 10d Feldspar porphyritic
- 10e Sheared
- 10f Gabbro

DIORITE/QUARTZ DIORITE

- 5a Coarse grained
- 5b Medium grained
- 5c Fine grained
- 5d Sheared
- 5e Brecciated
- 5f Altered

SEDIMENTARY ROCKS

- 4a Greywacke
- 4b Argillite
- 4c Epiclastic ash tuff
- 4d Chert
- 4e Chlorite/sulfide iron formation
- 4f Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

- 2a Ash tuff
- 2b Crystal tuff
- 2c Lapilli tuff
- 2d Sheared
- 2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

- 1M Mafic Volcanics
- 1I Intermediate Volcanics
- a Ash tuff
- b Crystal tuff
- c Feldspar porphyritic flow
- d Massive flow (p) pillowed
- e Sheared
- f Fragmental
  - br breccia
  - lap lapilli
  - aggl agglomerate

QUARTZ

- ql laminated quartz
  - 0-25% (ql) eg. 5df(ql)
  - 25%-50% ql eg. 5df(ql
  - >50% ql eg. ql5df
- qf blue-grey quartz
- qg sugary white quartz
- qh white massive (bull) quartz
- qi glassy quartz

MINERALIZATION

- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- sph sphalerite
- gal galena
- mo molybdenite
- gp graphite
- mt magnetite
- VG visible gold

ALTERATION

- ab albite
- bo biotite
- ca calcite
- cb carbonate
- chl chlorite
- hem hematite
- K potassic
- ser sericite
- Si silicification
- \+ moderate
- ++ strong

STRUCTURE

- — Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10 meters

RIVER GOLD MINES

VERTICAL DRILL SECTION

11425E

Claim 690 838

SCALE	1: 250			A1
		DRAWN		
		CHECKED		
DATE	07-May-00	APPROVED		

41N14NW2003 2.20301 POINT ISACOR

rgsectio.pf

SURFACE2000 - River Gold Mines Ltd.

9550N

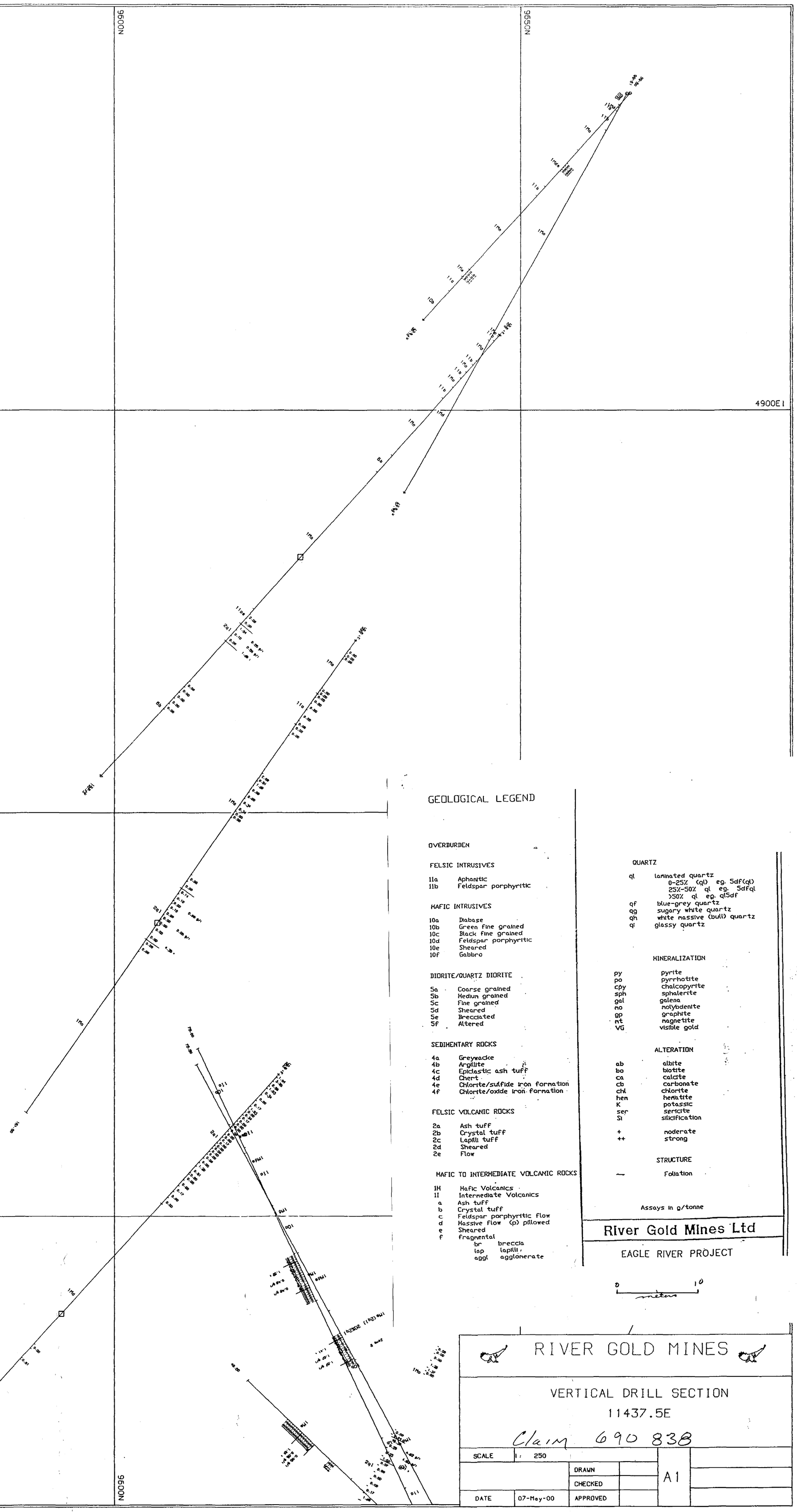
9600N

9650N

4900E l

4850E l

4800E l



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

- 11a Aphanitic
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MAFIC INTRUSIVES

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- 10d Feldspar porphyritic
- 10e Sheared
- 10f Gabbro

DIORITE/QUARTZ DIORITE

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- 5f Altered

SEDIMENTARY ROCKS

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FELSIC VOLCANIC ROCKS

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- 2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

- 1M Mafic Volcanics
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- a Ash tuff
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- d Massive flow (p) pillowed
- e Sheared
- f fragmental
  - br breccia
  - lap lapilli
  - aggl agglomerate

QUARTZ

- ql laminated quartz
  - 0-25% (ql) eg. 5df(ql)
  - 25%-50% ql eg. 5dfql
  - >50% ql eg. qlSdf
- qf blue-grey quartz
- qg sugary white quartz
- qh white massive (bull) quartz
- qi glassy quartz

MINERALIZATION

- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- sph sphalerite
- gal galena
- mo molybdenite
- gp graphite
- mt magnetite
- VG visible gold

ALTERATION

- ab albite
- bo biotite
- ca calcite
- cb carbonate
- chl chlorite
- hem hematite
- K potassic
- ser sericite
- Si silicification
- \+ moderate
- ++ strong

STRUCTURE

- — Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10 meters

RIVER GOLD MINES

VERTICAL DRILL SECTION

11437.5E

Claim 690 838

SCALE	1 : 250			A1
		DRAWN		
		CHECKED		
DATE	07-May-00	APPROVED		

41N14NW2003 2.20301 POINT ISACOR 240

rgsectio.pf

SURFACE 2000 - River Gold Mines Ltd.

9550N

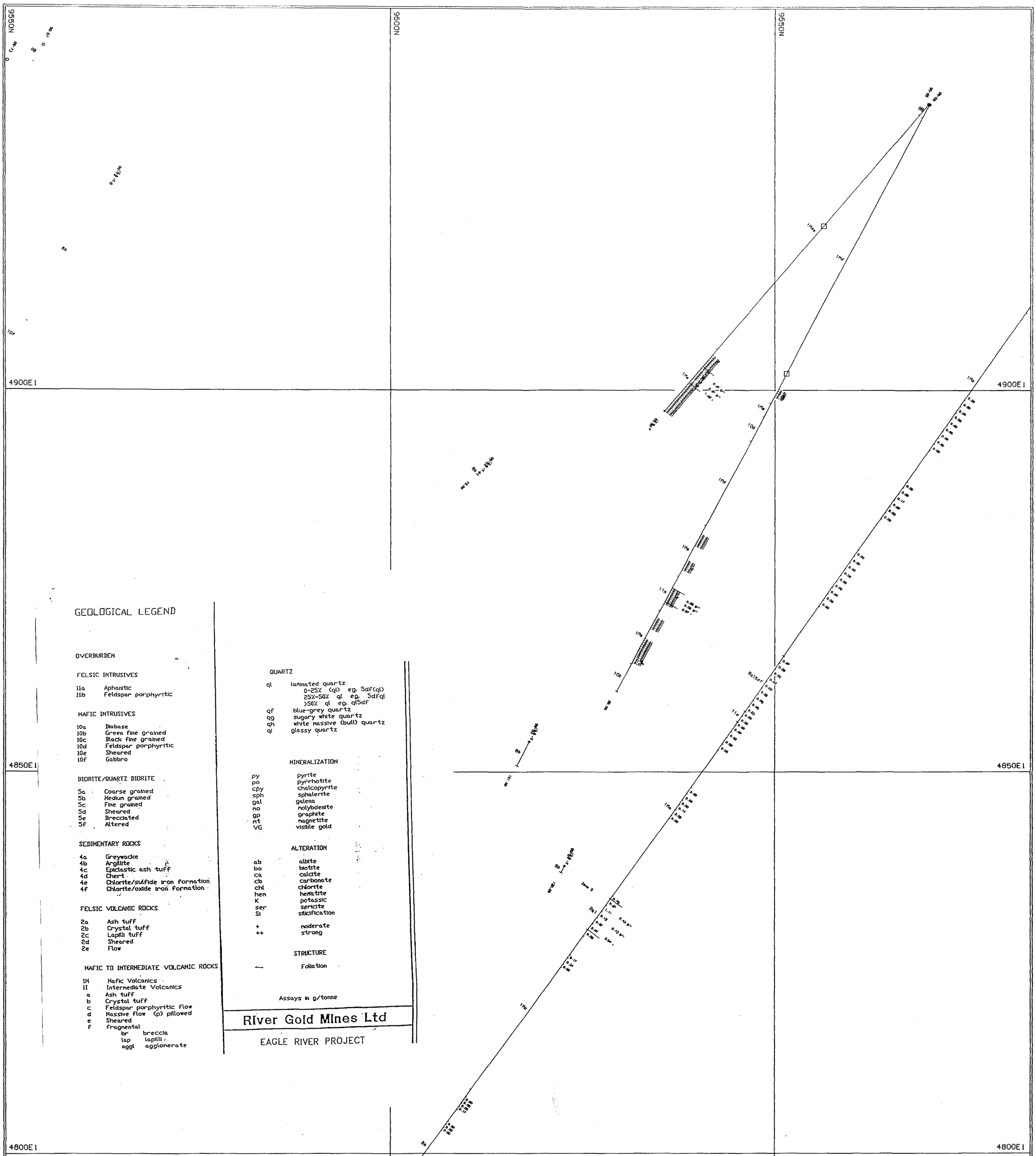
9600N

9650N

4900E1

4850E1

4800E1



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

- 11a Aphanitic
- 11b Feldspar porphyritic

MAFIC INTRUSIVES

- 10a Diabase
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- 10c Black fine grained
- 10d Feldspar porphyritic
- 10e Sheared
- 10f Gabbro

DIORITE/QUARTZ DIORITE

- 5a Coarse grained
- 5b Medium grained
- 5c Fine grained
- 5d Sheared
- 5e Brecciated
- 5f Altered

SEDIMENTARY ROCKS

- 4a Greywacke
- 4b Argillite
- 4c Epiclastic ash tuff
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FELSIC VOLCANIC ROCKS

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- 2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

- 1M Mafic Volcanics
- 1I Intermediate Volcanics
- a Ash tuff
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- e Sheared
- f fragmental
  - br breccia
  - lap lapilli
  - aggl agglomerate

QUARTZ

- ql laminated quartz
  - 0-25% (ql) eg. 5df(ql)
  - 25%-50% ql eg. 5dfql
  - >50% ql eg. ql5df
- qf blue-grey quartz
- qg sugary white quartz
- qh white massive (bull) quartz
- qi glassy quartz

MINERALIZATION

- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- sph sphalerite
- gal galena
- mo molybdenite
- gp graphite
- mt magnetite
- VG visible gold

ALTERATION

- ab albite
- bo biotite
- ca calcite
- cb carbonate
- chl chlorite
- hem hematite
- K potassic
- ser sericite
- Si silicification
- \+ moderate
- ++ strong

STRUCTURE

- — Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10
meters

RIVER GOLD MINES

VERTICAL DRILL SECTION

11387.5E

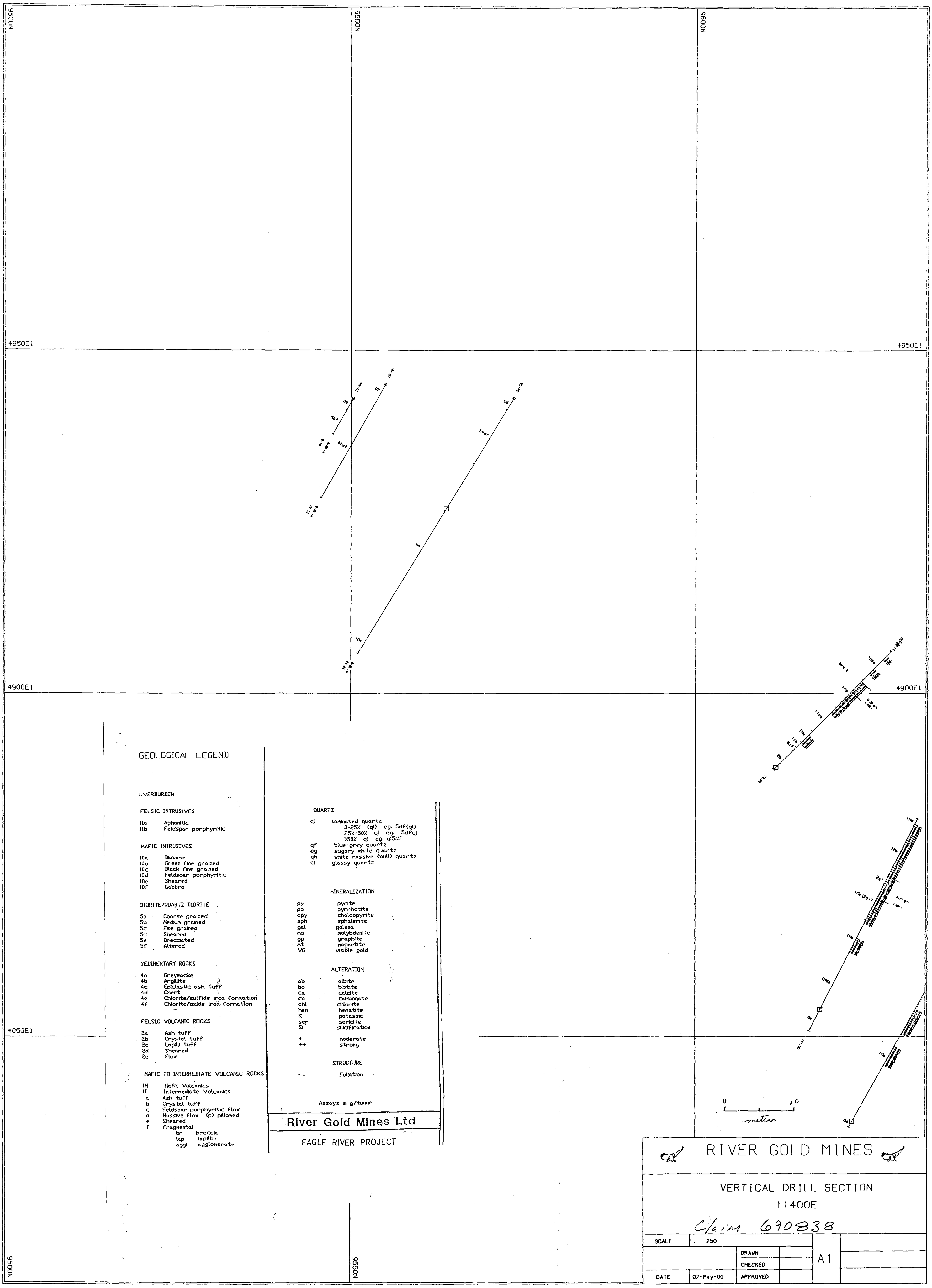
Claim 690846

SCALE	1 : 250			A1
		DRAWN		
		CHECKED		
DATE	07-May-00	APPROVED		

41N14NW2003 2.20301 POINT ISACOR 250

rgsectio.pf

SURPAC2000 - River Gold Mines Ltd.



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a	Aphanitic
11b	Feldspar porphyritic

MAFIC INTRUSIVES

10a	Diabase
10b	Green fine grained
10c	Black fine grained
10d	Feldspar porphyritic
10e	Sheared
10f	Gabbro

DIORITE/QUARTZ DIORITE

5a	Coarse grained
5b	Medium grained
5c	Fine grained
5d	Sheared
5e	Brecciated
5f	Altered

SEDIMENTARY ROCKS

4a	Greywacke
4b	Argillite
4c	Epiclastic ash tuff
4d	Chert
4e	Chlorite/sulfide iron formation
4f	Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

2a	Ash tuff
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2d	Sheared
2e	Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

1M	Mafic Volcanics
1I	Intermediate Volcanics
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c	Feldspar porphyritic flow
d	Massive flow (p) pillowed
e	Sheared
f	fragmental
br	breccia
lap	lapilli
aggl	agglomerate

QUARTZ

ql	laminated quartz 0-25% (ql) eg. 5df(ql) 25%-50% ql eg. 5dfql >50% ql eg. ql5df
qf	blue-grey quartz
qg	sugary white quartz
qh	white massive (bull) quartz
qi	glassy quartz

MINERALIZATION

py	pyrite
po	pyrrhotite
cpy	chalcopyrite
sph	sphalerite
gal	galena
mo	molybdenite
gp	graphite
mt	magnetite
VG	visible gold

ALTERATION

ab	albite
bo	biotite
ca	calcite
cb	carbonate
chl	chlorite
hem	hematite
K	potassic
ser	sericite
Si	silicification
+	moderate
++	strong

STRUCTURE

—	Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

RIVER GOLD MINES

VERTICAL DRILL SECTION

11400E

Claim 690838

SCALE	1: 250			A1	
		DRAWN			
		CHECKED			
DATE	07-May-00	APPROVED			

rgeeotia.pf

SURPAC2000 - River Gold Mines Ltd.

9450N

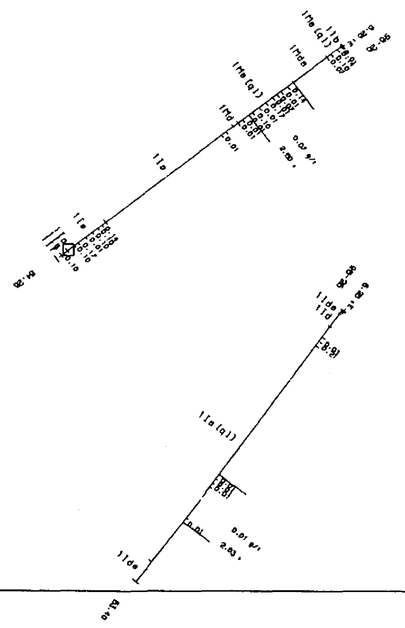
9500N

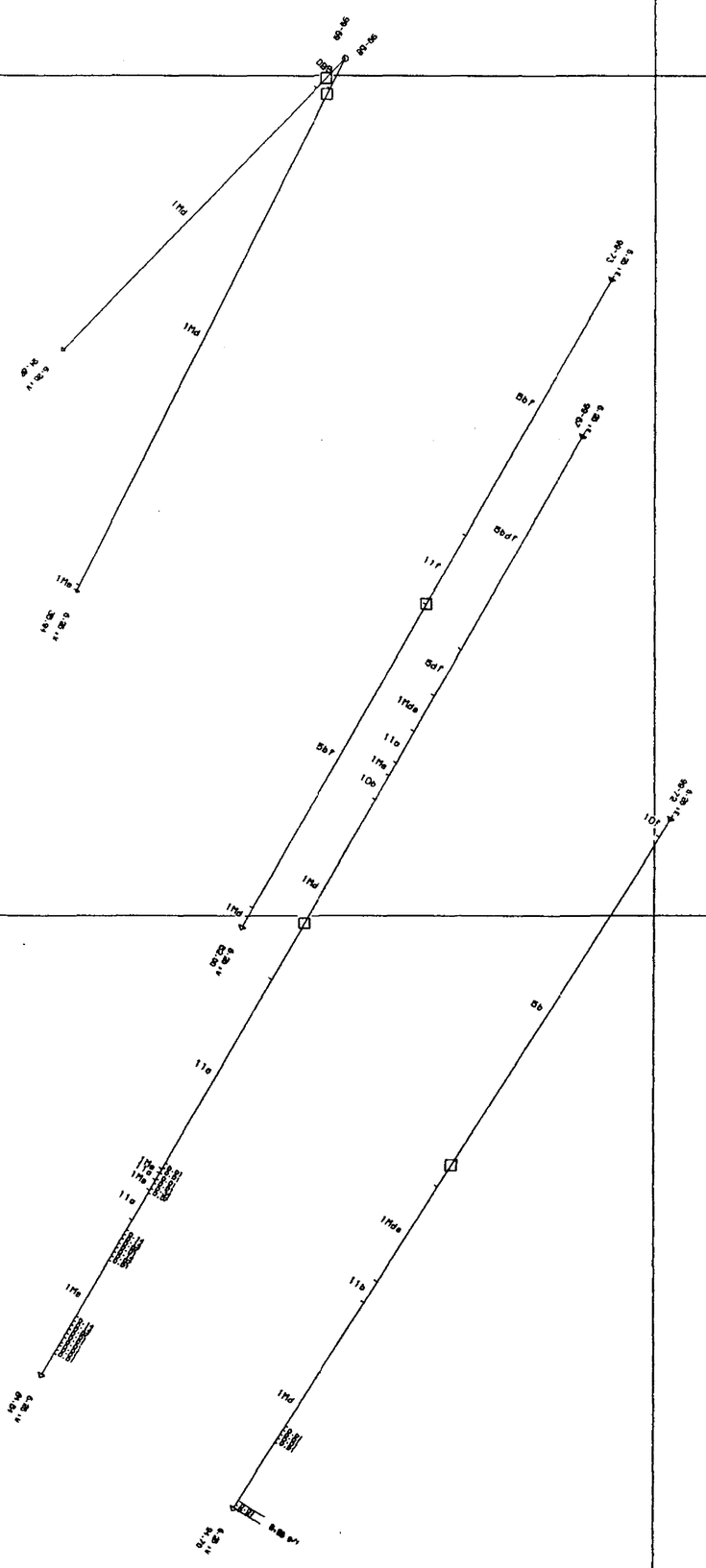
9550N

4950E l

4900E l

4850E l





GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a Aphanitic
11b Feldspar porphyritic

MAFIC INTRUSIVES

10a Diabase
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10d Feldspar porphyritic
10e Sheared
10f Gabbro

DIORITE/QUARTZ DIORITE

5a Coarse grained
5b Medium grained
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5e Brecciated
5f Altered

SEDIMENTARY ROCKS

4a Greywacke
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FELSIC VOLCANIC ROCKS

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MAFIC TO INTERMEDIATE VOLCANIC ROCKS

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lap lapilli
aggl agglomerate

QUARTZ

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0-25% (ql) eg. 5df(ql)
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>50% ql eg. ql5df
qf blue-grey quartz
qg sugary white quartz
qh white massive (bull) quartz
qi glassy quartz

MINERALIZATION

py pyrite
po pyrrhotite
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gp graphite
mt magnetite
VG visible gold

ALTERATION

ab albite
bo biotite
ca calcite
cb carbonate
chl chlorite
hem hematite
K potassic
ser sericite
Si silicification

\+ moderate
++ strong

STRUCTURE

— Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10
meters

RIVER GOLD MINES

VERTICAL DRILL SECTION

11387.5E

Claim 690838

SCALE	1 : 250		A1
		DRAWN	
		CHECKED	
DATE	07-May-00	APPROVED	

N0450

N0000

41N14NW2003 2.20301 POINT ISACOR 270

rgsectia.pf

SURFACE2000 - River Gold Mines Ltd.

9450N

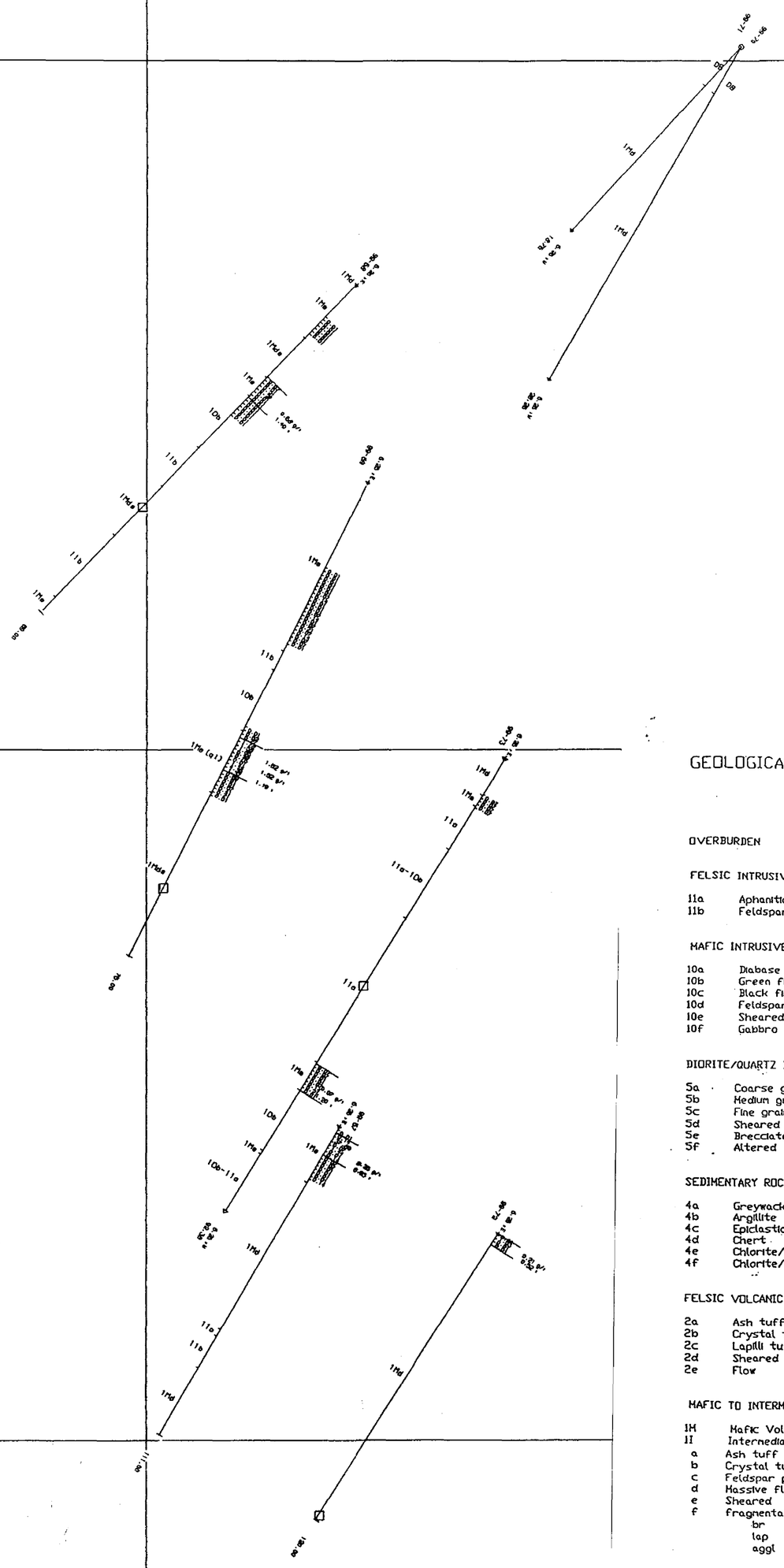
9500N

9550N

4950E l

4900E l

4850E l



GEOLOGICAL LEGEND

OVERBURDEN

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- 11a Aphanitic
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MAFIC INTRUSIVES

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DIORITE/QUARTZ DIORITE

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- 5f Altered

SEDIMENTARY ROCKS

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FELSIC VOLCANIC ROCKS

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- chl chlorite
- hem hematite
- K potassic
- ser sericite
- Si silicification
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- ++ strong

STRUCTURE

- — Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10
meters

RIVER GOLD MINES

VERTICAL DRILL SECTION

11375E

Claim 690838

SCALE	1: 250			A1
		DRAWN		
		CHECKED		
DATE	07-May-00	APPROVED		

9450N

9600N

rgsectia.pf

SURPAC2000 - River Gold Mines Ltd.

9450N

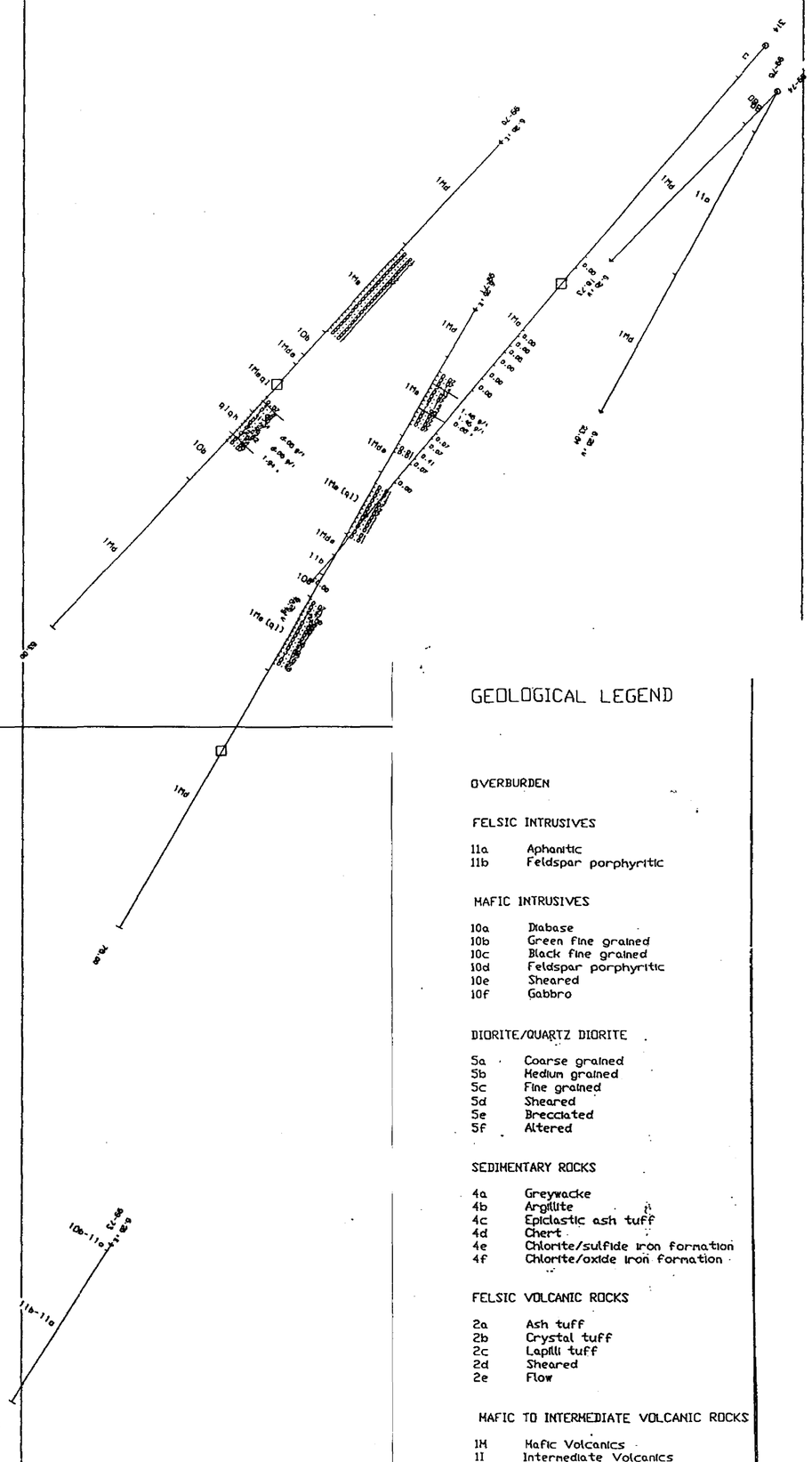
9500N

9550N

4950E l

4900E l

4850E l



GEOLOGICAL LEGEND

OVERBURDEN

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MAFIC INTRUSIVES

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DIORITE/QUARTZ DIORITE

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FELSIC VOLCANIC ROCKS

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VG visible gold

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chl chlorite
hem hematite
K potassic
ser sericite
Si silicification

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++ strong

STRUCTURE

— Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10
metres

RIVER GOLD MINES

VERTICAL DRILL SECTION
11362.5E

Claim 690846

SCALE	1: 250			A1
		DRAWN		
		CHECKED		
DATE	07-May-00	APPROVED		

9450N

9500N

41N14NW2003 2.20301 POINT ISACOR 290

rgeeotio.pf

SURPAC2000 - River Gold Mines Ltd.

GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a	Aphanitic
11b	Feldspar porphyritic

MAFIC INTRUSIVES

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MAFIC TO INTERMEDIATE VOLCANIC ROCKS

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1I	Intermediate Volcanics
a	Ash tuff
b	Crystal tuff
c	Feldspar porphyritic flow
d	Massive flow (p) pillowed
e	Sheared
f	fragmental
br	breccia
lap	lapilli
aggl	agglomerate

QUARTZ

ql	laminated quartz 0-25% (ql) eg. 5df(ql) 25%-50% ql eg. 5dfql >50% ql eg. ql5df
qf	blue-grey quartz
qg	sugary white quartz
qh	white massive (bull) quartz
qi	glassy quartz

MINERALIZATION

py	pyrite
po	pyrrhotite
cpy	chalcopyrite
sph	sphalerite
gal	galena
mo	molybdenite
gp	graphite
mt	magnetite
VG	visible gold

ALTERATION

ab	albite
bo	biotite
ca	calcite
cb	carbonate
chl	chlorite
hem	hematite
K	potassic
ser	sericite
Si	silicification
+	moderate
++	strong

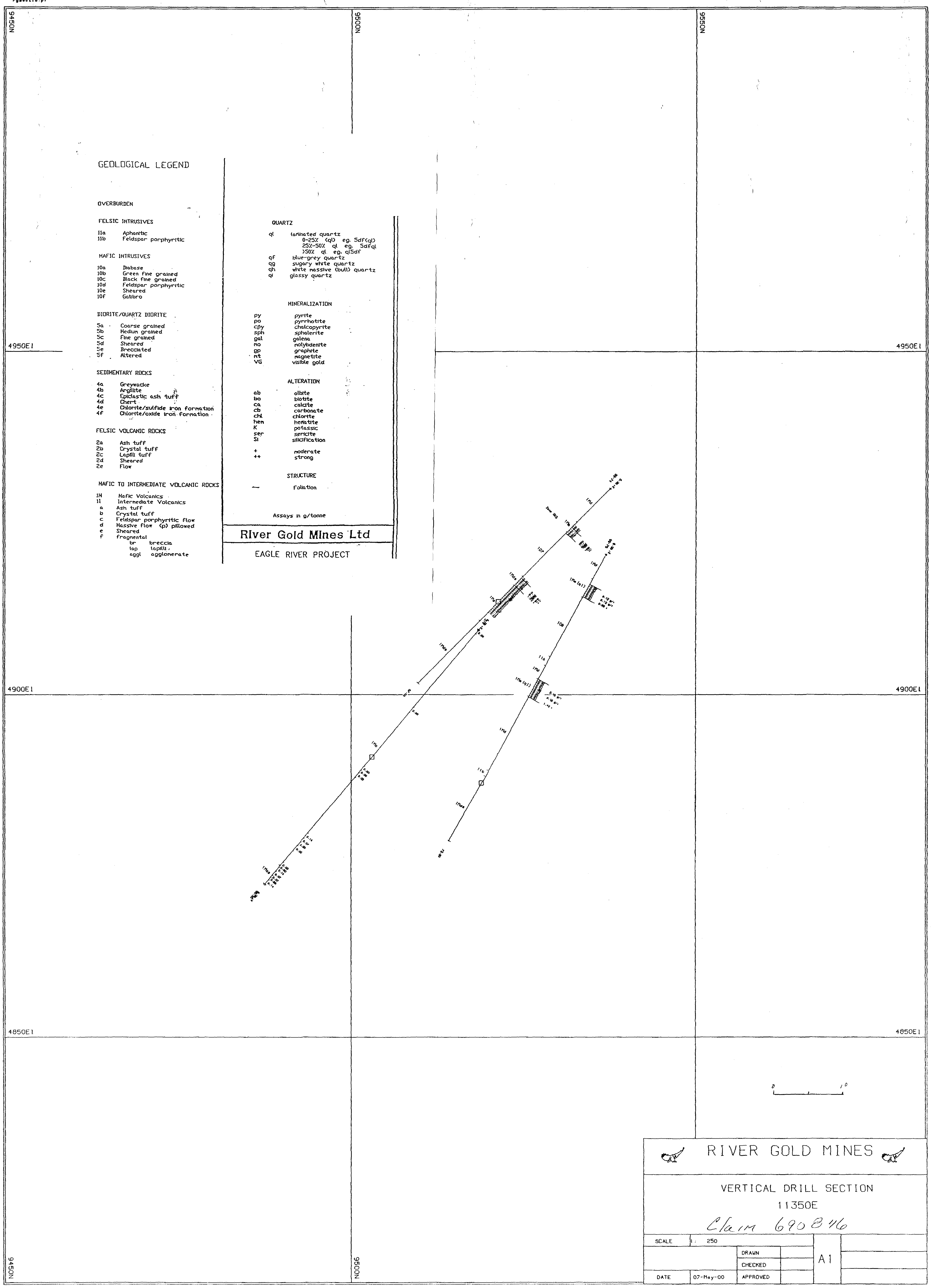
STRUCTURE

—	Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT



RIVER GOLD MINES

VERTICAL DRILL SECTION

11350E

Claim 690846

SCALE	1 : 250			A1
		DRAWN		
		CHECKED		
DATE	07-May-00	APPROVED		

41N14NW2003 2.20301 POINT ISACOR 300

rgeocfile.pf

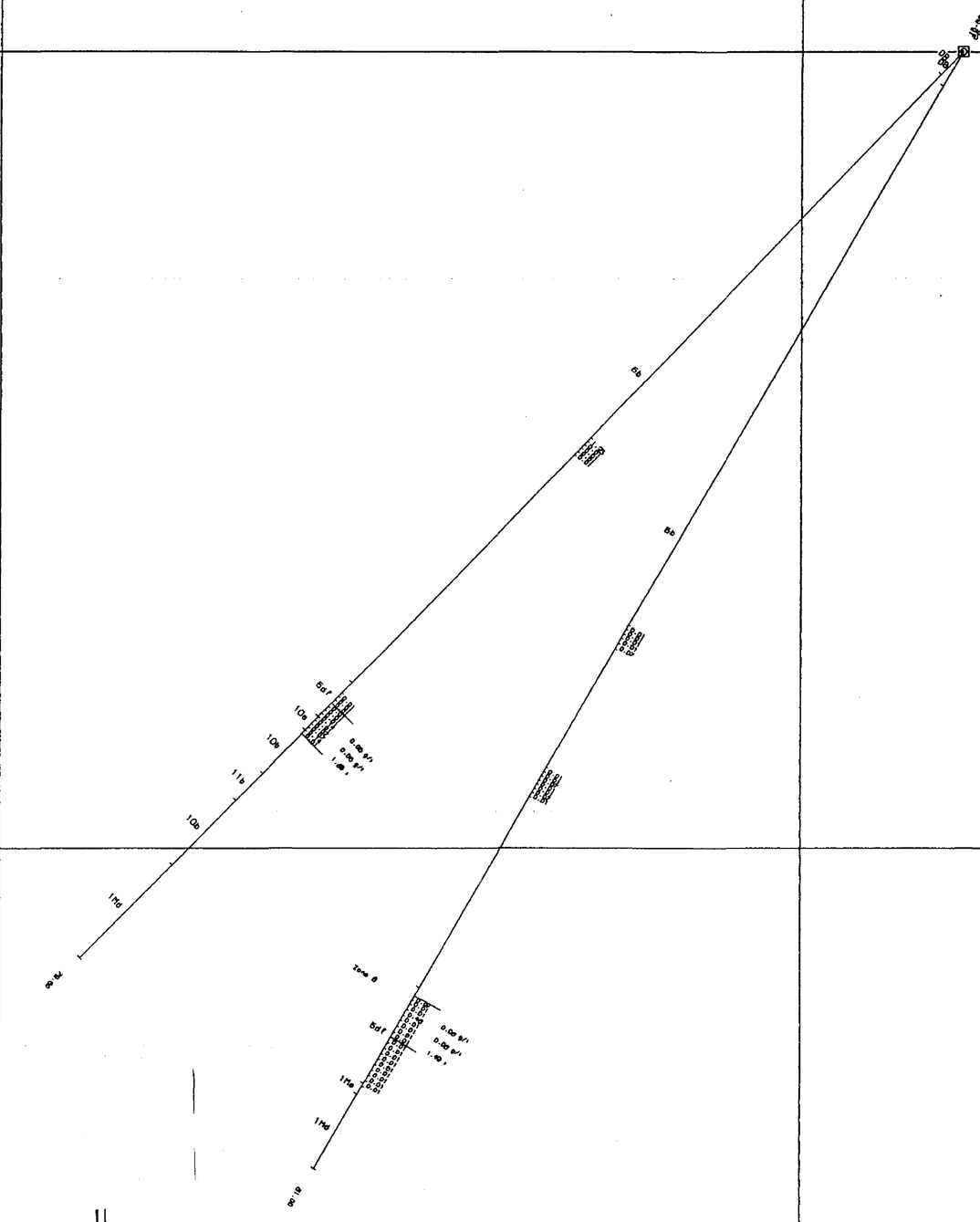
SURPAC2000 - River Gold Mines Ltd.

9700N | 9750N | 9800N

4950E l | 4950E l

4900E l | 4900E l

4850E l | 4850E l



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a	Aphanitic
11b	Feldspar porphyritic

MAFIC INTRUSIVES

10a	Diabase
10b	Green fine grained
10c	Black fine grained
10d	Feldspar porphyritic
10e	Sheared
10f	Gabbro

DIORITE/QUARTZ DIORITE

5a	Coarse grained
5b	Medium grained
5c	Fine grained
5d	Sheared
5e	Brecciated
5f	Altered

SEDIMENTARY ROCKS

4a	Greywacke
4b	Argillite
4c	Epiclastic ash tuff
4d	Chert
4e	Chlorite/sulfide iron formation
4f	Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

2a	Ash tuff
2b	Crystal tuff
2c	Lapilli tuff
2d	Sheared
2e	Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

1M	Mafic Volcanics
1I	Intermediate Volcanics
a	Ash tuff
b	Crystal tuff
c	Feldspar porphyritic flow
d	Massive flow (p) pillowed
e	Sheared
f	fragmental
	br breccia
	lap lapilli
	aggl agglomerate

QUARTZ

ql	laminated quartz
	0-25% (ql) eg. 5df(ql)
	25%-50% ql eg. 5dfql
	>50% ql eg. ql5df
qf	blue-grey quartz
qg	sugary white quartz
qh	white massive (bull) quartz
qi	glassy quartz

MINERALIZATION

py	pyrite
po	pyrrhotite
cpy	chalcopyrite
sph	sphalerite
gal	galena
mo	molybdenite
gp	graphite
mt	magnetite
VG	visible gold

ALTERATION

ab	albite
bo	biotite
ca	calcite
cb	carbonate
chl	chlorite
hem	hematite
K	potassic
ser	sericite
Si	silicification
+	moderate
++	strong

STRUCTURE

—	Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10 meters

RIVER GOLD MINES

VERTICAL DRILL SECTION

11050E

Claim 690817

SCALE	1 : 250		A1
		DRAWN	
		CHECKED	
DATE	05-May-00	APPROVED	

rgseotlo.pf

SURPAC2000 - River Gold Mines Ltd.

9700N

9750N

9800N

GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a	Aphanitic
11b	Feldspar porphyritic

MAFIC INTRUSIVES

10a	Diabase
10b	Green fine grained
10c	Black fine grained
10d	Feldspar porphyritic
10e	Sheared
10f	Gabbro

DIORITE/QUARTZ DIORITE

5a	Coarse grained
5b	Medium grained
5c	Fine grained
5d	Sheared
5e	Brecciated
5f	Altered

SEDIMENTARY ROCKS

4a	Greywacke
4b	Argillite
4c	Epiclastic ash tuff
4d	Chert
4e	Chlorite/sulfide iron formation
4f	Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

2a	Ash tuff
2b	Crystal tuff
2c	Lapilli tuff
2d	Sheared
2e	Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

1M	Mafic Volcanics
1I	Intermediate Volcanics
a	Ash tuff
b	Crystal tuff
c	Feldspar porphyritic flow
d	Massive flow (p) pillowed
e	Sheared
f	fragmental
	br breccia
	lap lapilli,
	aggl agglomerate

QUARTZ

ql	laminated quartz 0-25% (ql) eg. 5df(ql) 25%-50% ql eg. 5dfql >50% ql eg. ql5df
qf	blue-grey quartz
qg	sugary white quartz
qh	white massive (bull) quartz
qi	glassy quartz

MINERALIZATION

py	pyrite
po	pyrrhotite
cpy	chalcopyrite
sph	sphalerite
gal	galena
mo	molybdenite
gp	graphite
mt	magnetite
VG	visible gold

ALTERATION

ab	albite
bo	biotite
ca	calcite
cb	carbonate
chl	chlorite
hem	hematite
K	potassic
ser	sericite
Si	silicification
+	moderate
++	strong

STRUCTURE

—	Foliation

Assays in g/tonne

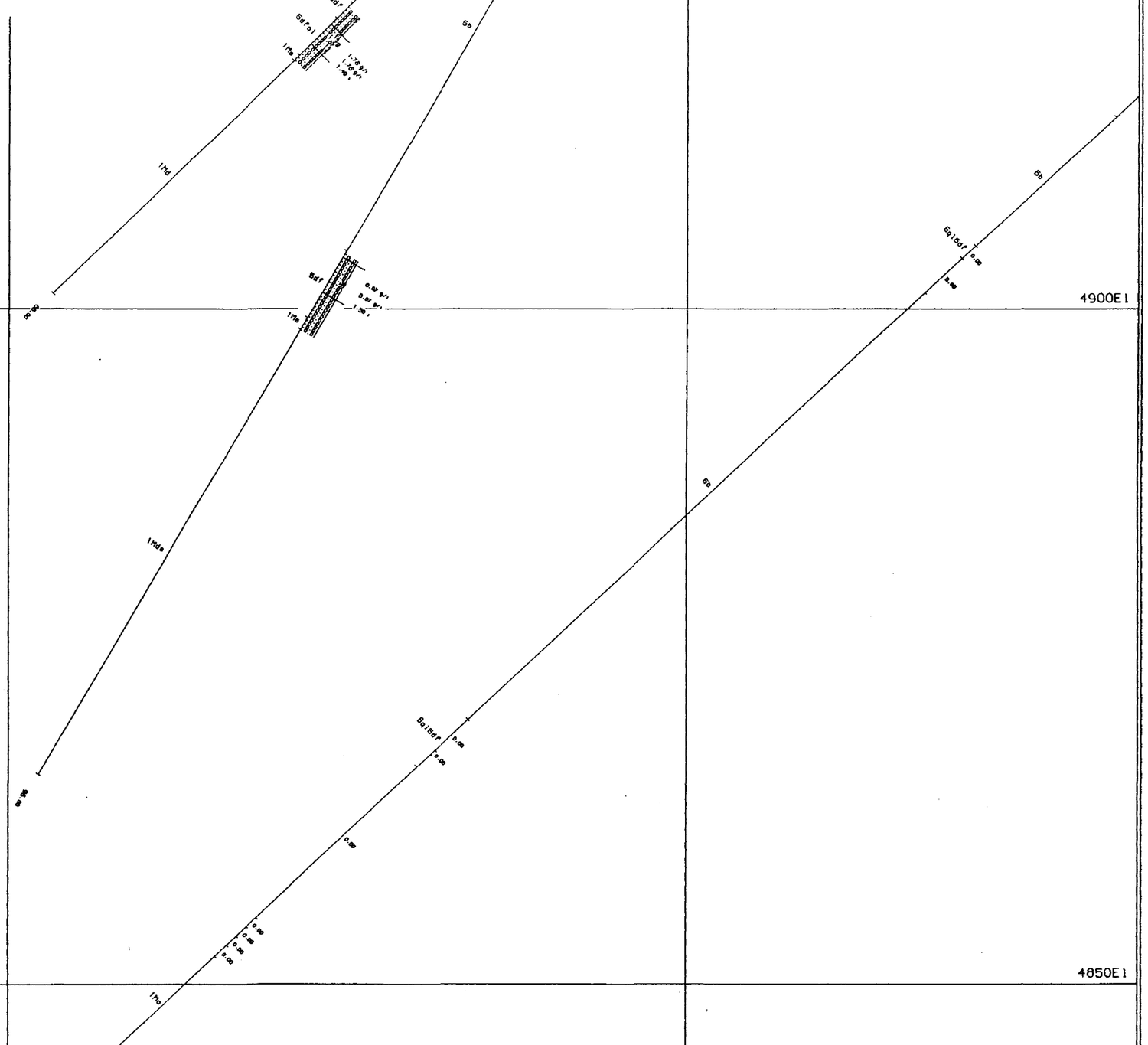
River Gold Mines Ltd

EAGLE RIVER PROJECT

4950E1

4900E1

4850E1



0 10 meters

RIVER GOLD MINES

VERTICAL DRILL SECTION

11025E

Claim 690847

SCALE	1 : 250			A1
		DRAWN		
		CHECKED		
DATE	05-May-00	APPROVED		

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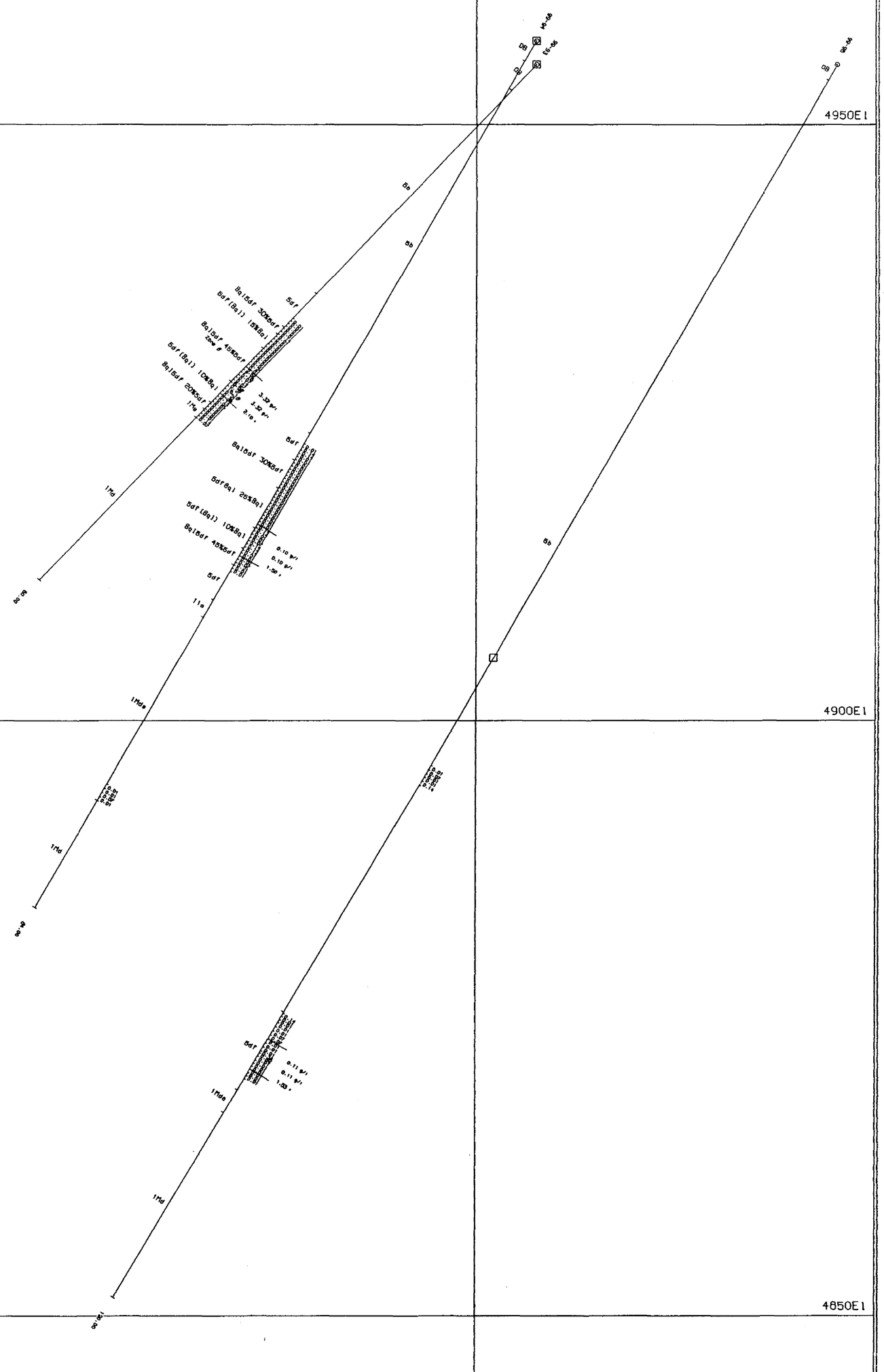
SHARPAC2000 - River Gold Mines Ltd.

9700N | 9750N | 9800N

4950E



4900E

4850E

GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

- 11a Aphantic
- 11b Feldspar porphyritic

MAFIC INTRUSIVES

- 10a Diabase
- 10b Green fine grained
- 10c Black fine grained
- 10d Feldspar porphyritic
- 10e Sheared
- 10f Gabbro

DIORITE/QUARTZ DIORITE

- 5a Coarse grained
- 5b Medium grained
- 5c Fine grained
- 5d Sheared
- 5e Brecciated
- 5f Altered

SEDIMENTARY ROCKS

- 4a Greywacke
- 4b Argillite
- 4c Epiclastic ash tuff
- 4d Chert
- 4e Chlorite/sulfide iron formation
- 4f Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

- 2a Ash tuff
- 2b Crystal tuff
- 2c Lapilli tuff
- 2d Sheared
- 2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

- 1M Mafic Volcanics
- 1I Intermediate Volcanics
- a Ash tuff
- b Crystal tuff
- c Feldspar porphyritic flow
- d Massive flow (p) pillowed
- e Sheared
- f Fragmental
  - br breccia
  - lap lapilli,
  - aggl agglomerate

QUARTZ

- ql laminated quartz
  - 0-25% (ql) eg. 5df(ql)
  - 25%-50% ql eg. 5dfql
  - >50% ql eg. ql5df
- qf blue-grey quartz
- qg sugary white quartz
- qh white massive (bull) quartz
- qi glassy quartz

MINERALIZATION

- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- sph sphalerite
- gal galena
- mo molybdenite
- gp graphite
- mt magnetite
- VG visible gold

ALTERATION

- ab albite
- bo biotite
- ca calcite
- cb carbonate
- chl chlorite
- hem hematite
- K potassic
- ser sericite
- Si silicification
- \+ moderate
- ++ strong

STRUCTURE

- — Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10 meters

RIVER GOLD MINES

VERTICAL DRILL SECTION

11000E

Claim 690847

SCALE	1 : 250			A1
		DRAWN		
		CHECKED		
DATE	05-May-00	APPROVED		

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SHARPAC2000 - River Gold Mines Ltd.

9700N

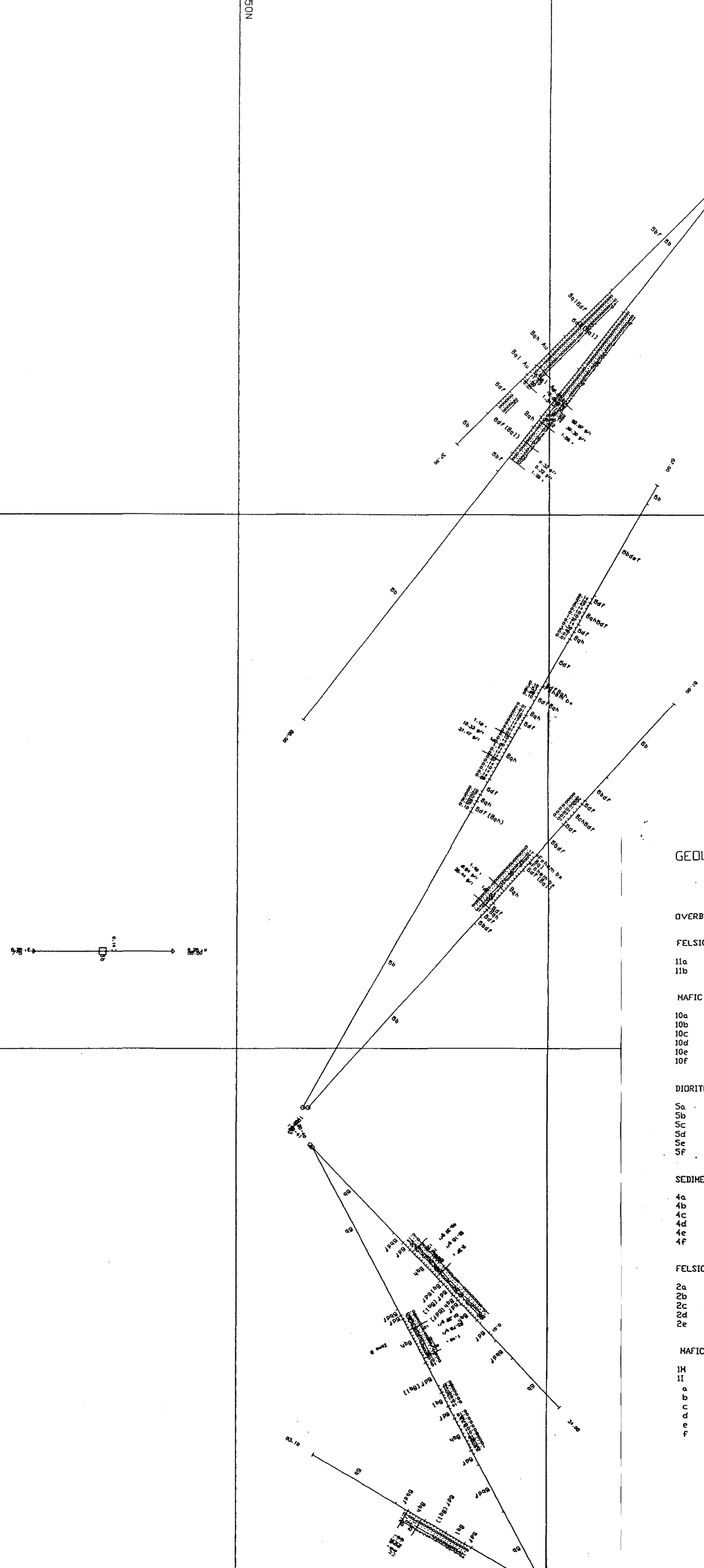
9750N

9800N

4950E l

4900E l

4850E l



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

- 11a Aphanitic
- 11b Feldspar porphyritic

MAFIC INTRUSIVES

- 10a Diabase
- 10b Green fine grained
- 10c Black fine grained
- 10d Feldspar porphyritic
- 10e Sheared
- 10f Gabbro

DIORITE/QUARTZ DIORITE

- 5a Coarse grained
- 5b Medium grained
- 5c Fine grained
- 5d Sheared
- 5e Brecciated
- 5f Altered

SEDIMENTARY ROCKS

- 4a Greywacke
- 4b Argillite
- 4c Epiclastic ash tuff
- 4d Chert
- 4e Chlorite/sulfide iron formation
- 4f Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

- 2a Ash tuff
- 2b Crystal tuff
- 2c Lapilli tuff
- 2d Sheared
- 2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

- 1M Mafic Volcanics
- 1I Intermediate Volcanics
- a Ash tuff
- b Crystal tuff
- c Feldspar porphyritic flow
- d Massive flow (p) pillowed
- e Sheared
- f fragmental
  - br breccia
  - lap lapilli,
  - aggl agglomerate

QUARTZ

- ql laminated quartz
  - 0-25% (ql) eg. 5df(ql)
  - 25%-50% ql eg. 5dfql
  - >50% ql eg. ql5df
- qf blue-grey quartz
- qg sugary white quartz
- qh white massive (bull) quartz
- qi glassy quartz

MINERALIZATION

- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- sph sphalerite
- gal galena
- mo molybdenite
- gp graphite
- mt magnetite
- VG visible gold

ALTERATION

- ab albite
- bo biotite
- ca calcite
- cb carbonate
- chl chlorite
- hem hematite
- K potassic
- ser sericite
- Si silicification
- \+ moderate
- ++ strong

STRUCTURE

- — Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10 metres

RIVER GOLD MINES

VERTICAL DRILL SECTION

9625E

Claim 690 886-87

SCALE	1: 250		A1
		DRAWN	
		CHECKED	
DATE	05-May-00	APPROVED	

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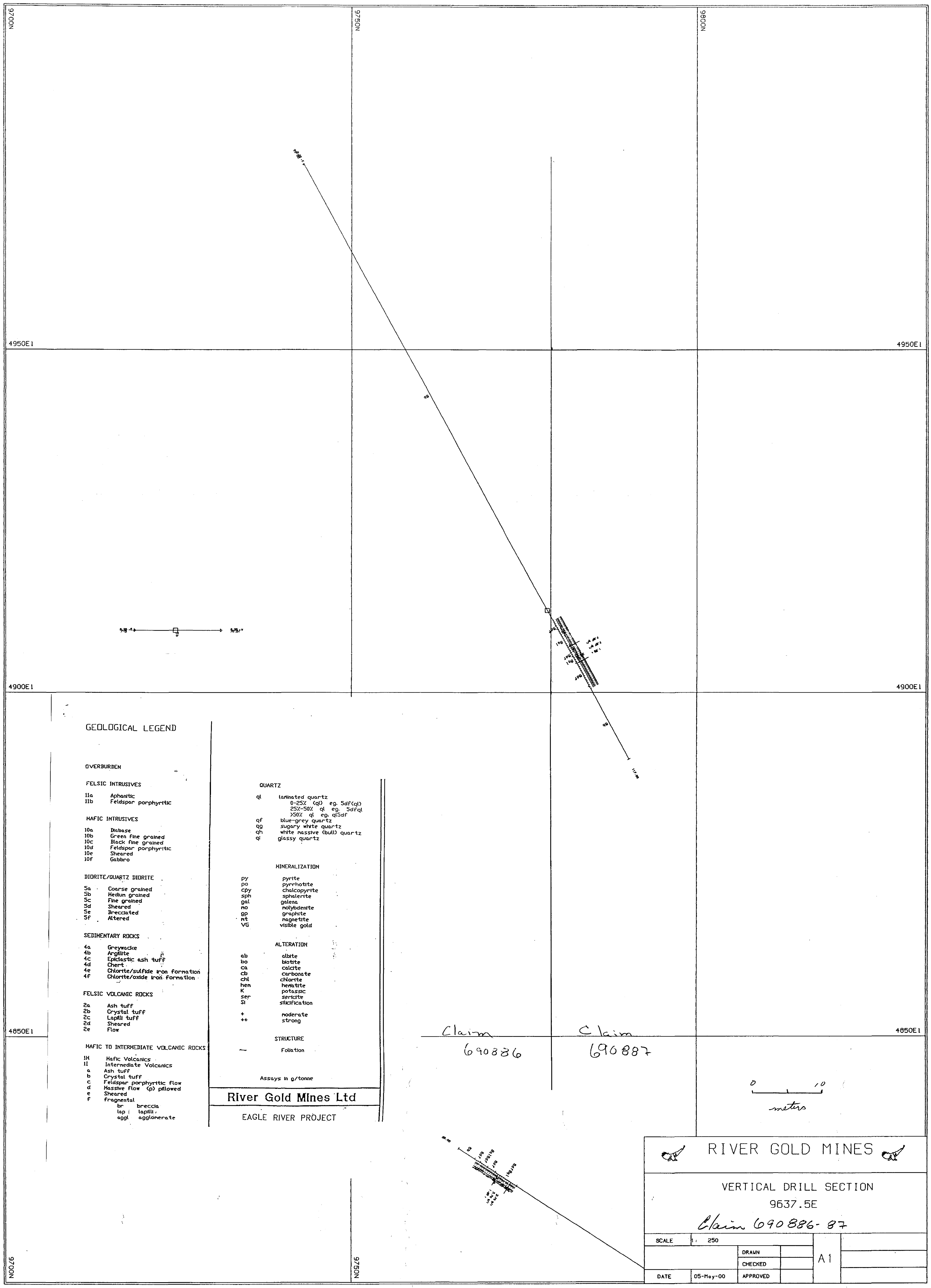
SURPAC2000 - River Gold Mines Ltd.



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a	Aphanitic
11b	Feldspar porphyritic

MAFIC INTRUSIVES

10a	Diabase
10b	Green fine grained
10c	Black fine grained
10d	Feldspar porphyritic
10e	Sheared
10f	Gabbro

DIORITE/QUARTZ DIORITE

5a	Coarse grained
5b	Medium grained
5c	Fine grained
5d	Sheared
5e	Brecciated
5f	Altered

SEDIMENTARY ROCKS

4a	Greywacke
4b	Argillite
4c	Epiclastic ash tuff
4d	Chert
4e	Chlorite/sulfide iron formation
4f	Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

2a	Ash tuff
2b	Crystal tuff
2c	Lapilli tuff
2d	Sheared
2e	Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

1M	Mafic Volcanics
1I	Intermediate Volcanics
a	Ash tuff
b	Crystal tuff
c	Feldspar porphyritic flow
d	Massive flow (p) pillowed
e	Sheared
f	fragmental
br	breccia
lap	lapilli
aggl	agglomerate

QUARTZ

ql	laminated quartz 0-25% (ql) eg. 5df(ql) 25%-50% ql eg. 5dfql >50% ql eg. ql5df
qf	blue-grey quartz
qg	sugary white quartz
qh	white massive (bull) quartz
qi	glassy quartz

MINERALIZATION

py	pyrite
po	pyrrhotite
cpy	chalcopyrite
sph	sphalerite
gal	galena
mo	molybdenite
gp	graphite
mt	magnetite
VG	visible gold

ALTERATION

ab	albite
bo	biotite
ca	calcite
cb	carbonate
chl	chlorite
hem	hematite
K	potassic
ser	sericite
Si	silicification
+	moderate
++	strong

STRUCTURE

—	Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

RIVER GOLD MINES

VERTICAL DRILL SECTION

9637.5E

Claim 690886-87

SCALE	1: 250			A1
		DRAWN		
		CHECKED		
DATE	05-May-00	APPROVED		

41N14NW2003 2.20301 POINT ISACOR 350

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SURPAC2000 - River Gold Mines Ltd.

9700N

9750N

9800N

4950E l

4900E l

4850E l

Claim 690886

Claim 690887

GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

- 11a Aphanitic
- 11b Feldspar porphyritic

MAFIC INTRUSIVES

- 10a Diabase
- 10b Green fine grained
- 10c Black fine grained
- 10d Feldspar porphyritic
- 10e Sheared
- 10f Gabbro

DIORITE/QUARTZ DIORITE

- 5a Coarse grained
- 5b Medium grained
- 5c Fine grained
- 5d Sheared
- 5e Brecciated
- 5f Altered

SEDIMENTARY ROCKS

- 4a Greywacke
- 4b Argillite
- 4c Epiclastic ash tuff
- 4d Chert
- 4e Chlorite/sulfide iron formation
- 4f Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

- 2a Ash tuff
- 2b Crystal tuff
- 2c Lapilli tuff
- 2d Sheared
- 2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

- 1M Mafic Volcanics
- 1I Intermediate Volcanics
- a Ash tuff
- b Crystal tuff
- c Feldspar porphyritic flow
- d Massive flow (p) pillowed
- e Sheared
- f Fragmental
  - br breccia
  - lap lapilli
  - aggl agglomerate

QUARTZ

- ql laminated quartz
  - 0-25% (ql) eg. 5df(ql)
  - 25%-50% ql eg. 5dfql
  - >50% ql eg. ql5df
- qf blue-grey quartz
- qg sugary white quartz
- qh white massive (bull) quartz
- qi glassy quartz

MINERALIZATION

- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- sph sphalerite
- gal galena
- mo molybdenite
- gp graphite
- mt magnetite
- VG visible gold

ALTERATION

- ab albite
- bo biotite
- ca calcite
- cb carbonate
- chl chlorite
- hem hematite
- K potassic
- ser sericite
- Si silicification
- \+ moderate
- ++ strong

STRUCTURE

- — Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10 meters

RIVER GOLD MINES

VERTICAL DRILL SECTION

9650E

Claim 690886 -87

SCALE	1 : 250		
		DRAWN	
		CHECKED	A1
DATE	05-May-00	APPROVED	

41N14NW2003 2.20301 POINT ISACOR 360

rgeolLic.pf

SURFACE2000 - River Gold Mines Ltd.

9700N

9750N

9800N

4950E l

4900E l

4850E l

Claim 690886 →

← Claim 690887

0 10 metres

GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

- 11a Aphanitic
- 11b Feldspar porphyritic

MAFIC INTRUSIVES

- 10a Diabase
- 10b Green fine grained
- 10c Black fine grained
- 10d Feldspar porphyritic
- 10e Sheared
- 10f Gabbro

DIORITE/QUARTZ DIORITE

- 5a Coarse grained
- 5b Medium grained
- 5c Fine grained
- 5d Sheared
- 5e Brecciated
- 5f Altered

SEDIMENTARY ROCKS

- 4a Greywacke
- 4b Argillite
- 4c Epiclastic ash tuff
- 4d Chert
- 4e Chlorite/sulfide iron formation
- 4f Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

- 2a Ash tuff
- 2b Crystal tuff
- 2c Lapilli tuff
- 2d Sheared
- 2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

- 1M Mafic Volcanics
- 1I Intermediate Volcanics
- a Ash tuff
- b Crystal tuff
- c Feldspar porphyritic flow
- d Massive flow (p) pillowed
- e Sheared
- f fragmental
  - br breccia
  - lap lapilli
  - aggl agglomerate

QUARTZ

- ql laminated quartz
  - 0-25% (ql) eg. 5df(ql)
  - 25%-50% ql eg. 5dfql
  - >50% ql eg. ql5df
- qf blue-grey quartz
- qg sugary white quartz
- qh white massive (bull) quartz
- qi glassy quartz

MINERALIZATION

- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- sph sphalerite
- gal galena
- mo molybdenite
- gp graphite
- mt magnetite
- VG visible gold

ALTERATION

- ab albite
- bo biotite
- ca calcite
- cb carbonate
- chl chlorite
- hem hematite
- K potassic
- ser sericite
- Si silicification
- \+ moderate
- ++ strong

STRUCTURE

- — Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

RIVER GOLD MINES

VERTICAL DRILL SECTION

9662.5E

Claim 690886 - 87

SCALE	1 : 250		A1
		DRAWN	
		CHECKED	
DATE	05-May-00	APPROVED	

N00.76

9750N

rgsectio.pf

SURPAC2000 - River Gold Mines Ltd.

9700N

9750N

9800N

4950E1

4900E1

4850E1

Claim 690886

Claim 690887

Overburden

10a

5b

5df

8q15df

8q1df

5df8ql

8q1qh

6df

5df-5bdf

8q1bdf

5df8q1

8qh

5df(8q1) 15x8q1

5df(8q1) 10x8q1

(1bg)df

pc1

GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a Aphanitic
11b Feldspar porphyritic

MAFIC INTRUSIVES

10a Diabase
10b Green fine grained
10c Black fine grained
10d Feldspar porphyritic
10e Sheared
10f Gabbro

DIORITE/QUARTZ DIORITE

5a Coarse grained
5b Medium grained
5c Fine grained
5d Sheared
5e Brecciated
5f Altered

SEDIMENTARY ROCKS

4a Greywacke
4b Argillite
4c Epiclastic ash tuff
4d Chert
4e Chlorite/sulfide iron formation
4f Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

2a Ash tuff
2b Crystal tuff
2c Lapilli tuff
2d Sheared
2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

1M Mafic Volcanics
1I Intermediate Volcanics
a Ash tuff
b Crystal tuff
c Feldspar porphyritic flow
d Massive flow (p) pillowed
e Sheared
f fragmental
br breccia
lap lapilli
aggl agglomerate

QUARTZ

ql laminated quartz
. 0-25% (ql) eg. 5df(ql)
25%-50% ql eg. 5dfql
>50% ql eg. ql5df
qf blue-grey quartz
qg sugary white quartz
qh white massive (bull) quartz
qi glassy quartz

MINERALIZATION

py pyrite
po pyrrhotite
cpy chalcopyrite
sph sphalerite
gal galena
mo molybdenite
gp graphite
mt magnetite
VG visible gold

ALTERATION

ab albite
bo biotite
ca calcite
cb carbonate
chl chlorite
hem hematite
K potassic
ser sericite
Si silicification

\+ moderate
++ strong

STRUCTURE

Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10 metres

RIVER GOLD MINES

VERTICAL DRILL SECTION

9575E

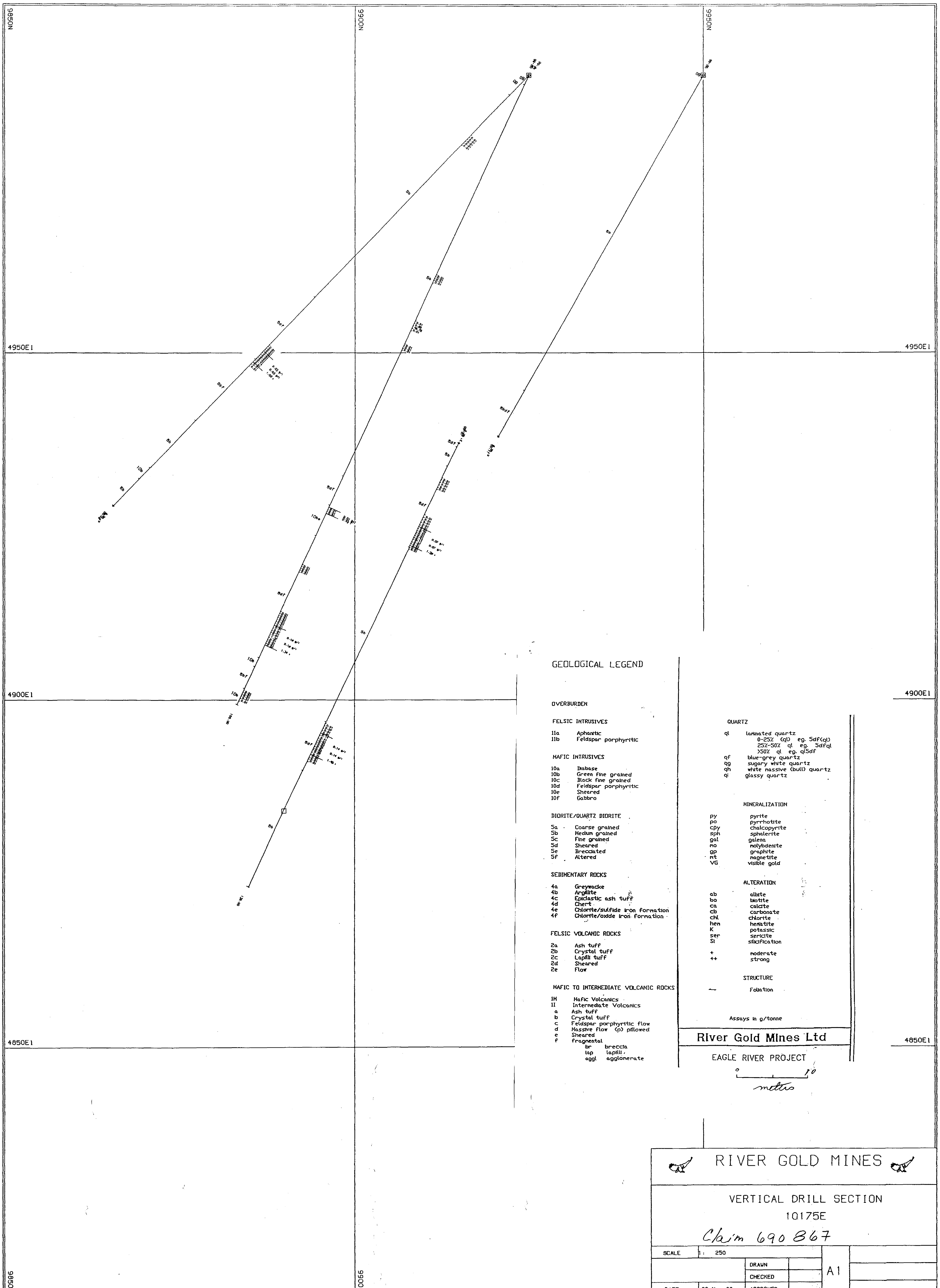
Claim 690887-86

SCALE	1 : 250			A1
		DRAWN		
		CHECKED		
DATE	05-May-00	APPROVED		

41N14NW2003 2.20301 POINT ISACOR 380

rgsectio.pf

SURPAC2000 - River Gold Mines Ltd.



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a Aphanitic
11b Feldspar porphyritic

MAFIC INTRUSIVES

10a Diabase
10b Green fine grained
10c Black fine grained
10d Feldspar porphyritic
10e Sheared
10f Gabbro

DIORITE/QUARTZ DIORITE

5a Coarse grained
5b Medium grained
5c Fine grained
5d Sheared
5e Brecciated
5f Altered

SEDIMENTARY ROCKS

4a Greywacke
4b Argillite
4c Epiclastic ash tuff
4d Chert
4e Chlorite/sulfide iron formation
4f Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

2a Ash tuff
2b Crystal tuff
2c Lapilli tuff
2d Sheared
2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

1M Mafic Volcanics
1I Intermediate Volcanics
a Ash tuff
b Crystal tuff
c Feldspar porphyritic flow
d Massive flow (p) pillowed
e Sheared
f fragmental
br breccia
lap lapilli
aggl agglomerate

QUARTZ

ql laminated quartz
0-25% (ql) eg. 5df(ql)
25%-50% ql eg. 5dfql
>50% ql eg. ql5df
qf blue-grey quartz
qg sugary white quartz
qh white massive (bull) quartz
qi glassy quartz

MINERALIZATION

py pyrite
po pyrrhotite
cpy chalcopyrite
sph sphalerite
gal galena
mo molybdenite
gp graphite
mt magnetite
VG visible gold

ALTERATION

ab albite
bo biotite
ca calcite
cb carbonate
chl chlorite
hem hematite
K potassic
ser sericite
Si silicification

\+ moderate
++ strong

STRUCTURE

— Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10 metres

RIVER GOLD MINES

VERTICAL DRILL SECTION
10175E

Claim 690 867

SCALE	1 : 250			A1	
		DRAWN			
		CHECKED			
DATE	06-May-00	APPROVED			

41N14NW2003 2.20301 POINT ISACOR 390

rgsectio.pf

SURPAC2000 - River Gold Mines Ltd.

9850N

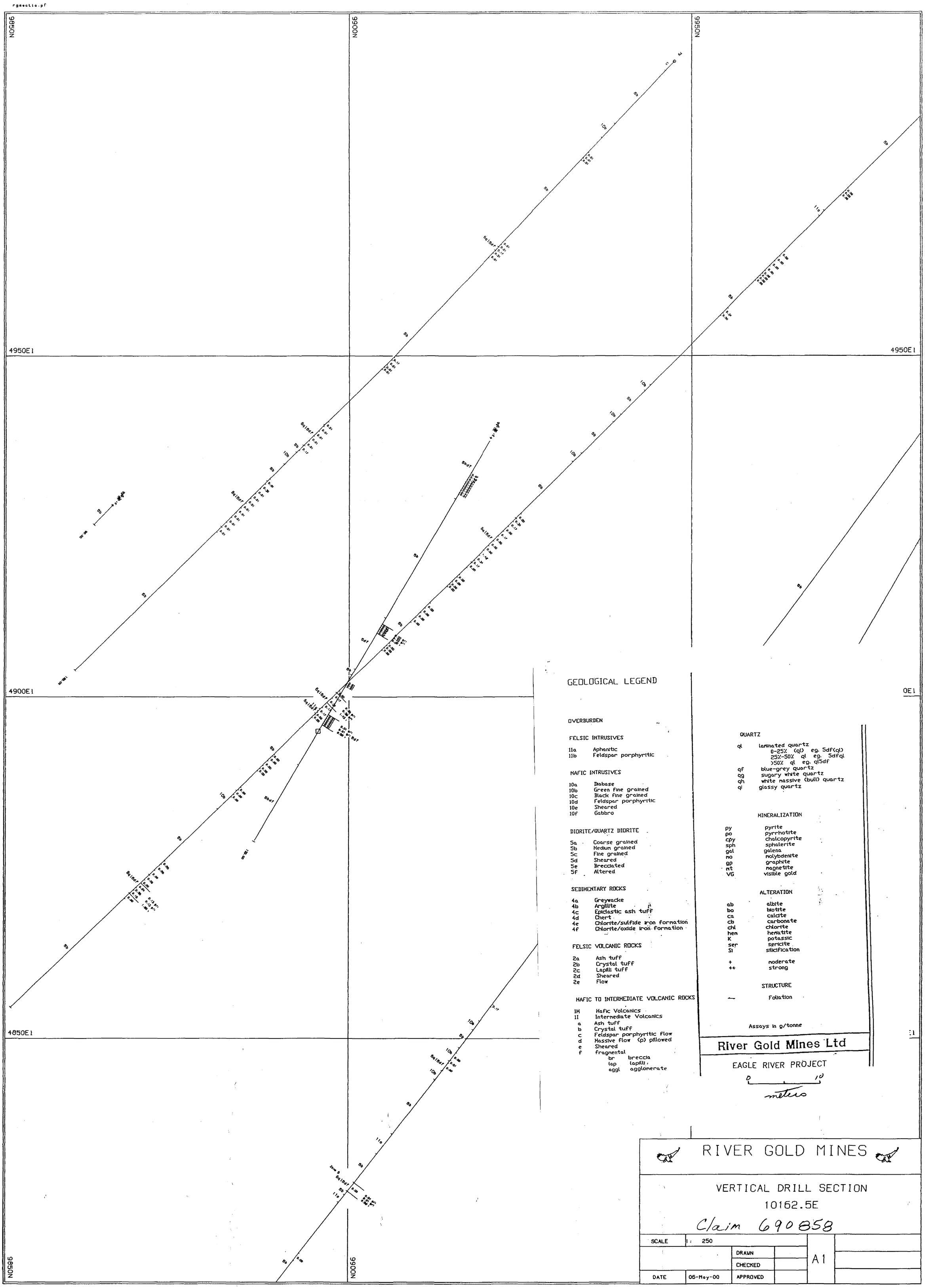
9900N

9950N

4950E1

4900E1

4850E1



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a	Aphantic
11b	Feldspar porphyritic

MAFIC INTRUSIVES

10a	Diabase
10b	Green fine grained
10c	Black fine grained
10d	Feldspar porphyritic
10e	Sheared
10f	Gabbro

DIORITE/QUARTZ DIORITE

5a	Coarse grained
5b	Medium grained
5c	Fine grained
5d	Sheared
5e	Brecciated
5f	Altered

SEDIMENTARY ROCKS

4a	Greywacke
4b	Argillite
4c	Epiclastic ash tuff
4d	Chert
4e	Chlorite/sulfide iron formation
4f	Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

2a	Ash tuff
2b	Crystal tuff
2c	Lapilli tuff
2d	Sheared
2e	Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

1M	Mafic Volcanics
1I	Intermediate Volcanics
a	Ash tuff
b	Crystal tuff
c	Feldspar porphyritic flow
d	Massive flow (p) pillowed
e	Sheared
f	fragmental
	br breccia
	lap lapilli
	aggl agglomerate

QUARTZ

ql	laminated quartz 0-25% (ql) eg. 5df(ql) 25%-50% ql eg. 5dfql >50% ql eg. ql5df
qf	blue-grey quartz
qg	sugary white quartz
qh	white massive (bull) quartz
qi	glassy quartz

MINERALIZATION

py	pyrite
po	pyrrhotite
cpy	chalcopyrite
sph	sphalerite
gal	galena
mo	molybdenite
gp	graphite
mt	magnetite
VG	visible gold

ALTERATION

ab	albite
bo	biotite
ca	calcite
cb	carbonate
chl	chlorite
hem	hematite
K	potassic
ser	sericite
Si	silicification
+	moderate
++	strong

STRUCTURE

—	Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10 meters

RIVER GOLD MINES

VERTICAL DRILL SECTION

10162.5E

Claim 690858

SCALE	1 : 250			A1
		DRAWN		
		CHECKED		
DATE	06-May-00	APPROVED		

41N14NW2003 2.20301 POINT ISACOR 400

rgeocl1a.pf

SURFACE2000 - River Gold Mines Ltd.

9850N

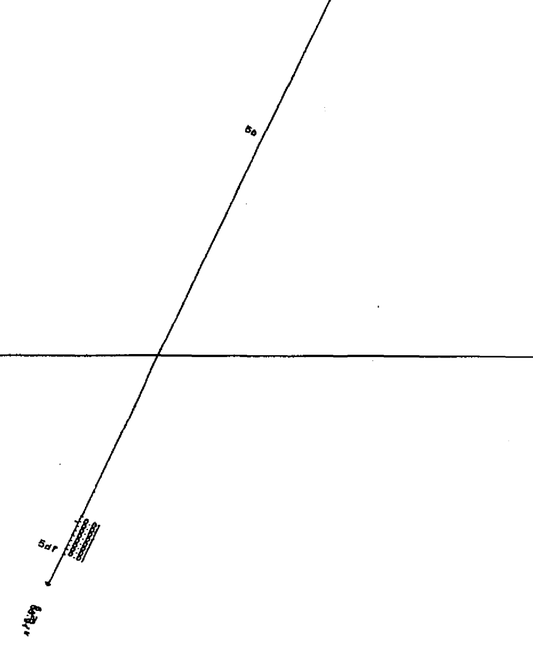
9900N

9950N

4950E l

4900E l

4850E l



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a	Aphantitic
11b	Feldspar porphyritic

MAFIC INTRUSIVES

10a	Diabase
10b	Green fine grained
10c	Black fine grained
10d	Feldspar porphyritic
10e	Sheared
10f	Gabbro

DIORITE/QUARTZ DIORITE

5a	Coarse grained
5b	Medium grained
5c	Fine grained
5d	Sheared
5e	Brecciated
5f	Altered

SEDIMENTARY ROCKS

4a	Greywacke
4b	Argillite
4c	Epiclastic ash tuff
4d	Chert
4e	Chlorite/sulfide iron formation
4f	Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

2a	Ash tuff
2b	Crystal tuff
2c	Lapilli tuff
2d	Sheared
2e	Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

1M	Mafic Volcanics
1I	Intermediate Volcanics
a	Ash tuff
b	Crystal tuff
c	Feldspar porphyritic flow
d	Massive flow (p) pillowed
e	Sheared
f	fragmental
	br breccia
	lap lapilli
	aggl agglomerate

QUARTZ

ql	laminated quartz
	0-25% (ql) eg. 5df(ql)
	25%-50% ql eg. 5dfql
	>50% ql eg. ql5df
qf	blue-grey quartz
qg	sugary white quartz
qh	white massive (bull) quartz
qi	glassy quartz

MINERALIZATION

py	pyrite
po	pyrrhotite
cpy	chalcopyrite
sph	sphalerite
gal	galena
mo	molybdenite
gp	graphite
mt	magnetite
VG	visible gold

ALTERATION

ab	albite
bo	biotite
ca	calcite
cb	carbonate
chl	chlorite
hem	hematite
K	potassic
ser	sericite
Si	silicification
+	moderate
++	strong

STRUCTURE

~	Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

0 10 metres

RIVER GOLD MINES

VERTICAL DRILL SECTION

10187.5E

Claim 690858

SCALE	1: 250		A1
		DRAWN	
		CHECKED	
DATE	06-May-00	APPROVED	

N0066

N0066

rgeeotia.pf

SURPAC2000 - River Gold Mines Ltd.

9700N

9750N

9800N

4950E1

4900E1

4850E1

Claim 690886

Claim 690887

GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

- 11a Aphanitic
- 11b Feldspar porphyritic

MAFIC INTRUSIVES

- 10a Diabase
- 10b Green fine grained
- 10c Black fine grained
- 10d Feldspar porphyritic
- 10e Sheared
- 10f Gabbro

DIORITE/QUARTZ DIORITE

- 5a Coarse grained
- 5b Medium grained
- 5c Fine grained
- 5d Sheared
- 5e Brecciated
- 5f Altered

SEDIMENTARY ROCKS

- 4a Greywacke
- 4b Argillite
- 4c Epiclastic ash tuff
- 4d Chert
- 4e Chlorite/sulfide iron formation
- 4f Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

- 2a Ash tuff
- 2b Crystal tuff
- 2c Lapilli tuff
- 2d Sheared
- 2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

- 1M Mafic Volcanics
- 1I Intermediate Volcanics
  - a Ash tuff
  - b Crystal tuff
  - c Feldspar porphyritic flow
  - d Massive flow (p) pillowed
  - e Sheared
  - f Fragmental
    - br breccia
    - lap lapilli
    - aggl agglomerate

QUARTZ

- ql laminated quartz
  - 0-25% (ql) eg. 5df(ql)
  - 25%-50% ql eg. 5dfql
  - >50% ql eg. ql5df
- qf blue-grey quartz
- qg sugary white quartz
- qh white massive (bull) quartz
- qi glassy quartz

MINERALIZATION

- py pyrite
- po pyrrhotite
- cpy chalcopyrite
- sph sphalerite
- gal galena
- mo molybdenite
- gp graphite
- mt magnetite
- VG visible gold

ALTERATION

- ab albite
- bo biotite
- ca calcite
- cb carbonate
- chl chlorite
- hem hematite
- K potassic
- ser sericite
- Si silicification
- \+ moderate
- ++ strong

STRUCTURE

- — Foliation

Assays in g/tonne

0 10 meters

River Gold Mines Ltd

EAGLE RIVER PROJECT

RIVER GOLD MINES

VERTICAL DRILL SECTION

9600E

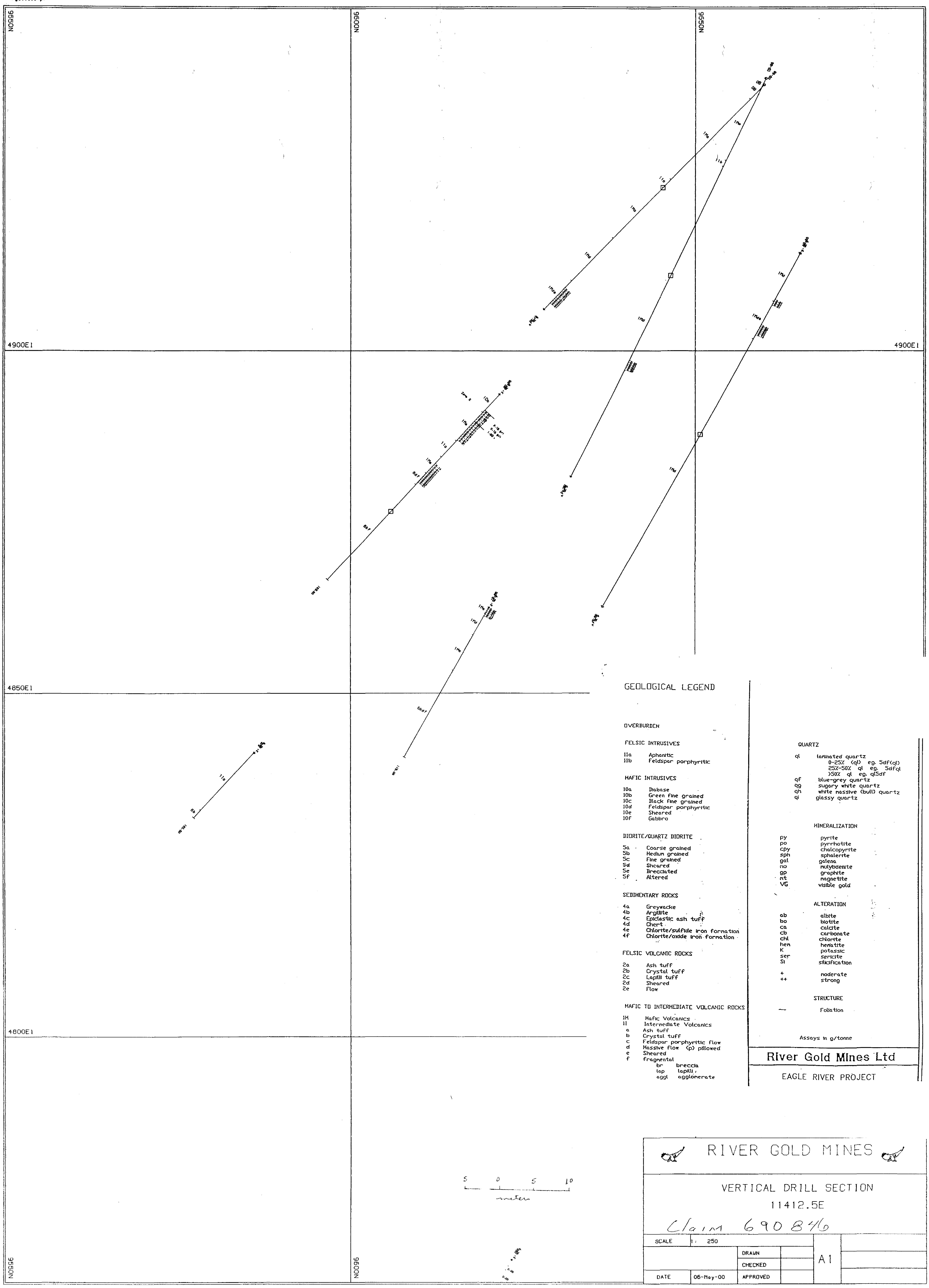
Claim 690886 - 87

SCALE	1 : 250			A1
		DRAWN		
		CHECKED		
DATE	08-May-00	APPROVED		

41N14NW2003 2.20301 POINT ISACOR 420

rgeectio.pf

SURPAC2000 - River Gold Mines Ltd.



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a Aphanitic
11b Feldspar porphyritic

MAFIC INTRUSIVES

10a Diabase
10b Green fine grained
10c Black fine grained
10d Feldspar porphyritic
10e Sheared
10f Gabbro

DIORITE/QUARTZ DIORITE

5a Coarse grained
5b Medium grained
5c Fine grained
5d Sheared
5e Brecciated
5f Altered

SEDIMENTARY ROCKS

4a Greywacke
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4c Epiclastic ash tuff
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FELSIC VOLCANIC ROCKS

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2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

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qg sugary white quartz
qh white massive (bull) quartz
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MINERALIZATION

py pyrite
po pyrrhotite
cpy chalcopyrite
sph sphalerite
gal galena
mo molybdenite
gp graphite
mt magnetite
VG visible gold

ALTERATION

ab albite
bo biotite
ca calcite
cb carbonate
chl chlorite
hem hematite
K potassic
ser sericite
Si silicification

+ moderate
++ strong

STRUCTURE

— Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

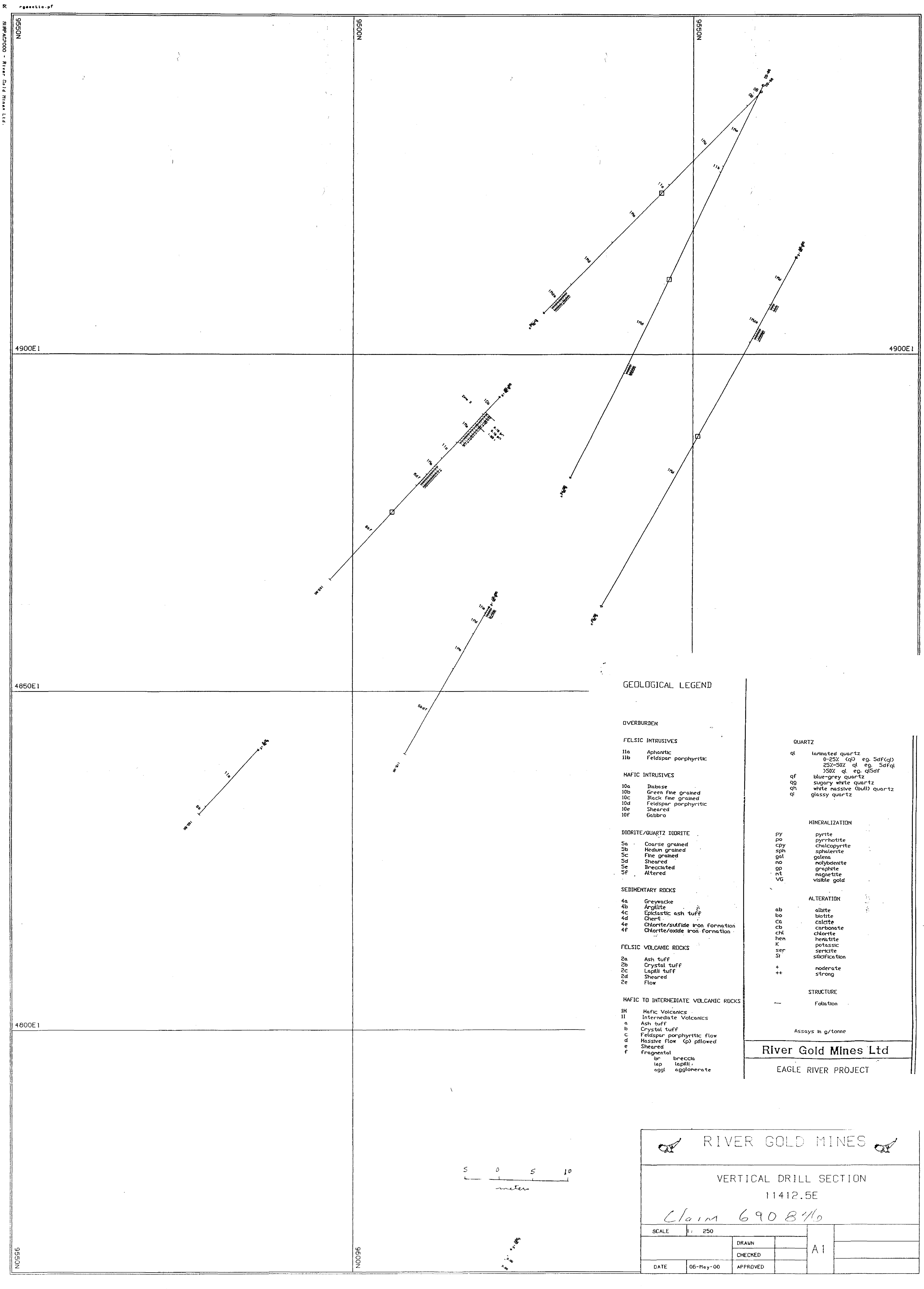
RIVER GOLD MINES

VERTICAL DRILL SECTION
11412.5E

Claim 690846

SCALE	1 : 250			A1
		DRAWN		
		CHECKED		
DATE	06-May-00	APPROVED		

41N14NW2003 2.20301 POINT ISACOR 430



GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

11a Aphanitic
11b Feldspar porphyritic

MAFIC INTRUSIVES

10a Diabase
10b Green fine grained
10c Black fine grained
10d Feldspar porphyritic
10e Sheared
10f Gabbro

DIORITE/QUARTZ DIORITE

5a Coarse grained
5b Medium grained
5c Fine grained
5d Sheared
5e Brecciated
5f Altered

SEDIMENTARY ROCKS

4a Greywacke
4b Argillite
4c Epiclastic ash tuff
4d Chert
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4f Chlorite/oxide iron formation

FELSIC VOLCANIC ROCKS

2a Ash tuff
2b Crystal tuff
2c Lapilli tuff
2d Sheared
2e Flow

MAFIC TO INTERMEDIATE VOLCANIC ROCKS

1M Mafic Volcanics
1I Intermediate Volcanics
a Ash tuff
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c Feldspar porphyritic flow
d Massive flow (p) pillowed
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f Fragmental
  br breccia
  lap lapilli
  aggl agglomerate

QUARTZ

ql laminated quartz
  0-25% (ql) eg. 5df(ql)
  25%-50% ql eg. 5dfql
  >50% ql eg. ql5df
qf blue-grey quartz
qg sugary white quartz
qh white massive (bull) quartz
qi glassy quartz

MINERALIZATION

py pyrite
po pyrrhotite
cpy chalcopyrite
sph sphalerite
gal galena
mo molybdenite
gp graphite
mt magnetite
VG visible gold

ALTERATION

ab albite
bo biotite
ca calcite
cb carbonate
chl chlorite
hem hematite
K potassic
ser sericite
Si silicification

\+ moderate
++ strong

STRUCTURE

— Foliation

Assays in g/tonne

River Gold Mines Ltd

EAGLE RIVER PROJECT

RIVER GOLD MINES

VERTICAL DRILL SECTION

11412.5E

Claim 690846

SCALE	1 : 250			A1
		DRAWN		
		CHECKED		
DATE	06-May-00	APPROVED		