

RIVER GOLD MINES LTD

DDH No. 2000-96

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	FA.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU g/TONNE	AU g/TONNE		FROM	TO	METRES
				29.8 - 33.6 ; 11b; Feldspar porphyry dyke grey, fine grained, massive, 5-6% 1 to 2mm sub bedded feldspar phenols Contacts 80° tca						
				46.4 to 48.1 mafic dyke, dark green, med grained, massive contacts sharp 80° tca						
					0.04		14034	83.6	84.0	0.4
10e	84.1	86.4		Mafic Dyke, dark green, fine grained, moderate sheared 40° tca	0.05		035	84.0	84.4	
				- local qtz veining 10-12% with veins up to 8cm	0.56		036	84.4	84.8	
				- up to 1% fine pyrite diss and within veins.	0.04		14037	84.8	85.2	
					0.04		038	85.2	85.6	
					0.04		039	85.6	86.0	
					0.04		14040	86.0	86.4	0.4
				Qtz vein 86.0 to 86.15 and 86.3 to 86.4 with trace pyrite						

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DIAMOND DRILL RECORD

ROCK TYPE	METERAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
2ad	86.4	87.5		Felsic Volcanic, light grey/mauve, very similar to above but weakly sheared, well silicified with fracture controlled silicifications, enveloping fractures and minor 3-4% narrow qtz stringers with fr pyrite.	<0.04		14041	86.4	86.8	0.4
					<0.04		042	86.8	87.2	
					<0.04		14043	87.2	87.6	
					<0.04		044	87.6	88.0	
					<0.04		14045	88.0	88.4	
					<0.04		046	88.4	88.8	
					<0.04	14047	88.8	89.2	0.4	
10e	87.5	88.2		Mafic Dyke, dark green, similar to above, fine grained, moderate, shearing 45° to 90°; chloritic, trace pyrite.						
				88.1 - 88.2 qtz stringers with minor pyrite along contacts with dyke						
5bd	88.2	89		Felsic Dyke, dioritic?; light coloured, moderate sheared, silicified, trace pyrite						

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
10e	89.0	90.5		Mafic Dyke, dark green, fine grd, well sheared. 50° to, with 7% narrow qtz stringers	0.52		14048	89.2	89.6	0.4
				- local to 1% pyrite	0.28		49	89.6	90.0	
					<0.04		14050	90.0	90.4	
					<0.04		51	90.4	90.8	
					<0.04		52	90.8	91.2	
					<0.04		14053	91.2	91.6	
10b	90.5	115.6		Mafic dyke, dark green, fine/red grd, massive, minor fracture control calcite	0.20		54	91.6	92.0	
				- chloritic	0.08		14055	92.0	92.4	0.4
				- some sections weakly sheared						
				- rare trace pyrite						
				90.5 - 92.3 weak shear, silicified with 10% 1cm qtz stringers						
				103.9 - 104.2 very weak shear with 3 narrow qtz stringers						
						0.28	14081	111.6	112.0	0.4
					<0.04		14082	112.0	112.4	0.4
				111.1 - 112.7 weak to moderate shear 50° to with qtz stringers	<0.04		14083	112.4	112.8	0.4
				112.5 to 112.7, to py marginal to qtz						

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU g/TONNE	AU g/TONNE		FROM	TO	METRES
					<0.04		14084	112.8	113.2	0.4
				114.1 - 114.5 weak shear with 72	<0.04		14085	113.2	113.6	/
				qtz-calcite stringers, to pyrite	<0.04		14086	113.6	114.0	
					<0.04		14087	114.0	114.4	
					<0.04		14088	114.4	114.8	0.4
Zac	115.6	127.1		Felsic volcanic, as above, very porous, very fine grained, silicified with fracture control silicification						
				- shear contact @ 115.6						
				- rare trace pyrite						
				116.3 5cm glassy massive qtz vein						
				116.5 - 117.4 1.0b - mafic Dyke, dark green, fine grained, massive						
				118.6 - 118.8 - 4d - possibly chemical cherty sediments light grey well laminated 70' ten						

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ROCK TYPE	METERAGE		METERS	CORE DESCRIPTION	FA.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU g/TONNE	AU g/TONNE		FROM	TO	METRES
				125.5 - 126.7 weak shear? 70° fa						
10b	127.1	148		mafic Dyke, dark green, fine grained, massive, homogeneous - some fracture control calcite - contact sharp 70° Eca - locally intruded by siliceous, massive felsic porphyry dykes.						
				131.7 to 131.9 felsic dyke siliceous porphyritic 4-5% 1mm feldspar phenocrysts						
				133.0 - 133.4 felsic porphyry dyke						
				138.6 - 139.1 weakly sheared						
				139.1 - 140.2 1/b - Felsic porphyry dyke						

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
2ac	148.0	167.4		<p>Telsic/intermediate Volcanic, dull grey/marble siliceous very fine grd, massive with fractures control silicification throughout with bleached fracture envelopes</p> <p>- local narrow sections up to 1m of cherty inter flow sediments</p> <p>159-160 4d - light grey chert? horizon.</p> <p>161.4 - 162.2 4d; light grey well laminated 75° to</p> <p>164.4 - 165.1 4d; bleached, intensely silicified @ chert horizon</p>						
11b	167.4	168.9		<p>Telsic dyke med grey, fine grd, weakly sheared 2-4% ...</p> <p>- local iron rim with of volcanic contacts sharp 70° to</p>						

DIAMOND DRILL RECORD

ROCK TYPE	METERAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
562	168.9	169.8		Felsic / Intermediate dyke; d. orite? fine / med grain, light grey, weakly sheared 65° ECo.						
116	168.9	175.5		Felsic dyke, med grey, fine grd, with weak shear fabric 65° ECo, 2-3% lmm scale feldspar phenocrysts - local lmm white calcite / qtz stringers < 1% of the total.						
2ac	175.5	177		Felsic / Intermediate Volcanic, dull grey well silicified; fracture control silicification (bleaching along fractures), massive, as above.						
				177E014						

RIVER GOLD MINES LTD.

DIAMOND DRILL RECORD

PROJECT: Eagle River

LENGTH 135 CORE SIZE BQ

CO-ORD N 98700
E 90400

D.D. HOLE NO. 2000-97

DRILLED BY Benoit DD MACH NO. 16

COLLAR ELEV

DEPTH 0 AZIMUTH 178 DIP -50

LOGGED BY C. Hartley

LOGGED Nov 14-15/00

30 178 -48

CORE STORED Eagle River Mine site

STARTED Nov 13/00

60 179 -47.5

CLAIM NO. 693574/75 TWP. Pt. Isaac

COMPLETED Nov 15/00

90 181 -46

PURPOSE Exploration ZONE West 811 (Hook Zone)

135 182 -45

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE			
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES	
2ac	0	53.7		<p>Felsic/Intermediate volcanic, light to dark med grey, strongly silicified throughout, with bleaching along fractures common, massive, very siliceous throughout</p> <p>- very rare trace pyrite - fine diss.</p> <p>- locally intruded by mafic/plagioclase porphyry dykes</p> <p>- occasional narrow 0.1m to 0.2m channelled sediments, chert horizons.</p> <p>12.0 - 12.3 mafic dykes olive green, fine grained, massive, contacts 70° to</p>							



41N14NW2005 2.21048 POINT ISACOR 020

RIVER GOLD MINES LTD

DDH No. 2000-97

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METRAGE		
	FROM	TO						FROM	TO	METRES
	AU 9/TONNE	AU 9/TONNE								
				12.3 - 13.1 white bleached section with chlorite along fractures.						
				23.8 - 23.9 Grey-glassy qtz vein						
				23.9 - 25 well laminated - chert horizon - 60° tca						
				27.1 - 28.2 10d, mafic dyke, dark green, fine grd, massive chloritic, conductive - sharp 60° tca, 5-7% iron phenos						
				29.1 - 29.8 10d, mafic dyke as above						
				39.4 - 42.7 1/6, felsic dyke, light grey massive, fine grd, 2-3% iron scale feldspar phenocrysts						
				45.5 - 45.6 light grey-glassy qtz-tourmaline vein						

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU g/TONNE	AU g/TONNE		FROM	TO	METRES
				46.0 - 47.9 white/light grey bleached zone						
				51.4 - 51.9 116 felsic felsic porphyry dyke, med grey, + g, massive with 15-18% plagioclase phenocrysts						
10b	53.7	66.1		Mafic dyke, dark green fine gr, massive, minor 1-2% fracture controlled calcite + white qtz						
10e	66.1	68.9		B-zone shear, Mafic Dyke, well sheared, 50% calc, carbonate at common throughout, local moderate silicification, 10-30% white to glassy qtz veining. - biotite at marginal to veining - tr - 2% py marginal to veins.						

RIVER GOLD MINES LTD

DIAMOND DRILL RECORD

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ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METERS
				66.1 - 67.0 3.5% white qtz veining with fr py marginal to veins - minor weak biotite dt.	0.16		14056	65.6	66.0	0.4
					0.12		057	66.0	66.4	0.4
					0.12		058	66.4	66.7	0.3
				67.0 - 68.1 Mainly carbonate altered zone with 2-3% epidote qtz - fr - 0.5% v. ss. sy	0.20		059	66.7	67.0	0.3
					0.08		14060	67.0	67.3	0.3
					0.12		061	67.3	67.7	0.4
					0.04		062	67.7	68.0	0.3
				68.1 - 68.5 strong biotite alt w 10-15% white qtz - calcite and 2-3% coarse syrite	0.08		063	68.0	68.3	0.3
					0.08		064	68.3	68.6	0.3
					0.08		14065	68.6	69.0	0.4
					0.12		14066	69.0	69.4	0.4
				68.5 - 68.9 chlorite with calcite com.						
106	68.9	82.7		Mafic dyke, dark green, fine grained, massive, to 2% fractures. Contains calcite and local epidote. - very rare trace syrite						
				78.2 4m and to 1						

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A. AU g/TONNE	C.K. AU g/TONNE	SAMPLE NUMBER	METERAGE		
	FROM	TO						FROM	TO	METRES
				81.2 to 81.5 20% white ftz veinlets 1 to 3 cm thick.						
				81.9-82.7 Filic volcanic lens.						
2ac	82.7	94.4		Filic/Intermediate, grey/mauve, very fine gravel, very small silicified. massive with local narrow sections upto 0.5m well laminated (Sediments?) - fracture control bleaching common throughout.						
				88.0-88.7 10b, mafic dyke, dark green, fine sd, massive, contacts 60° tca, 10% irregular white qtz						
				89.7-90.5 well laminated, possibly cherty sediments (chertified) - laminations 60° tca						

DIAMOND DRILL RECORD

ROCK TYPE	METERAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
10b	94.4	100.1		Mafic dykes, dark green, fine grained, massive, strongly chloritic - local trace pyrite along fractures - contacts broken - white qtz near 5m at lower contact						
2ac	100.1	111.7		Felsic/intermediate volcanic, dull grey, well silicified, massive, fracture control bleaching common throughout - local laminated section possibly chert (cherty) sediments exp 106.3-106.7						
2acd	111.7	115.2		Felsic/intermediate volcanic, saw above but weak to moderately sheared 60° & ca, gradual contact with low-sheared volcanics, well silicified with 40-50% white to light grey qtz veining - - trace pyrite at margins & veins						
				111.7 - 112.7 weak qtz veining, 5-7% as stringers.						

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DDH No. 2000-97

Zone 8
112.60 to 114.90m.

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DIAMOND DRILL RECORD

4.69 g/t.
D.W. - 2.30m
H.W. - 1.65m
Core Angle - 45°

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
				112.8 - 113.0 white - light grey qtz vein with chlorite along fractures containing 0.5 - 1% py	<0.04		14067	111.0	111.4	0.4
					<0.04		068	111.4	111.8	0.4
					0.20		069	111.8	112.2	0.4
					0.08		14070	112.2	112.6	0.4
				113.0 - 113.2 Light grey qtz vein with chlorite along fractures, py 1-2% and sp - 0.5% epidote envelopes pyrite!	0.24		071	112.6	112.9	0.3
					15.56		072	112.9	113.2	0.3
					5.40		073	113.2	113.6	0.4
					5.16		074	113.6	114.0	0.4
					0.40	5.28	14075	114.0	114.3	0.3
					3.96	2.0	076	114.3	114.6	0.3
				113.65 - 114.5 mainly light grey qtz vein to 114.0 with occasional chlorite smears containing pyrite, from 114.0 - 114.5 mainly white massive qtz vein white smears much less common, no pyrite	1.68		077	114.6	114.9	0.3
					0.12		078	114.9	115.2	0.3
					0.08		079	115.2	115.6	0.4
					0.12		14080	115.6	116.0	0.4
				114.5 - 115.2 moderate to well sheared 10% qtz stringers veinlets to pyrite.						

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DIAMOND DRILL RECORD

ROCK TYPE	METERAGE		METERS	CORE DESCRIPTION	FA.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
10b	115.2	121.8		Mafic dyke, dark green, med. grained, massive chlorite, rare fracture control calcite - sharp contact weakly sheared, 60° t ca						
2a	121.8	135.0		3 clastic / intermediate volcanic, medium dull grey, silicified, very fine grd, massive, fracture control bleaching common throughout, - very rare true pyrite						
				124.7 - 125.9 11b, felsic feldspar porphyry dyke, 15-20% subhedral phenocrysts 1-2 mm - massive, med grey colour - contacts sharp 60° t ca						
				134.8 - 135.0 cherty? well laminated 60° t ca - sed?						
				135.0 1014						

RIVER GOLD MINES LTD.

PROJECT: Eagle River

DIAMOND DRILL RECORD

CO-ORD N 98+20

B.B. HOLE NO. 2000-98

LENGTH 180 CORE SIZE BQ

CO-ORD E 89+50

DEPTH 0 AZIMUTH 183 DIP -55

DRILLED BY Benot DD MACH NO. 16

COLLAR ELEV

30 magnetic -56

LOGGED BY C. Hartley

LOGGED Nov 16-17/00

60 magnetic -56

CORE STORED Eagle River Mine Site

STARTED Nov 15/00

90 186 -55

CLAIM NO. 693574/75 TWP. Pt. Isacor

COMPLETED Nov 16/00

120 190 -54.5

PURPOSE Exploration ZONE West of 811 (Hook)

150 191 -53.5

180 193 -53

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	FA.	C.K.	SAMPLE NUMBER	METRAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
OB	0	2		Overburden, casing in place						
10c	2	40.6		Diorite, dark grey/black, medium grd, massive, moderately/strongly magnetic; homogeneous						
				36-40 core moderately broken/blocky						
				39-40.6; Fine grained well developed chill margin						
				40.6 contact 30° tra						
2ac	40.6	58.1		Intermediate/Felsic Volcanic, slightly, weghard, light med green, very fine grd, massive to locally weakly shaly, mottled appearance						

C. Hartley

RECEIVED



41N14NW2005 2.21048 POINT ISACOR 030

RIVER GOLD MINES LTD

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU g/TONNE	AU g/TONNE		FROM	TO	METRES
				- locally intruded by felsic feldspar porphyry dykes 41.8 to 42.3; 46.7 to 48.1						
				53.0 to 58.1 moderate fracture control potassic alteration common						
1/b	58.1	61.2		Feldspar porphyry felsic dyke, red, pervasive strong potassic alteration throughout, core strongly blocky/broken.						
2a.c.	61.2	65		Felsic/Intermediate volcanic, light grey, silicified, very hard, very fine grained, massive, moderate fracture control potassic alt. - core blocky/broken						
				62.8- 63.4 10c mafic dyke, dark grey, fine grained, massive; contacts broken						
				63.9- 64.7 1/b, Felsic feldspar porphyry, as above, but weak/moderate fracture control K-spar alt.						

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	FA.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
105	65	69.5		Mafic dyke, dark green, fine/medium grained, massive, chloritic, homogeneous.						
				68.8 2cm white qtz veinlet						
116	69.5	69.9		Felsic feldspar porphyry dyke, grey/pink, fine grd, massive with 20-25% 1-3mm feldspar phenocrysts. contacts 415°C						
2ac	69.9	85.1		Felsic / intermediate Volcanic, silicified, red grey/purple, very fine grained, massive to local weak shear fabrics - fracture control bleaching common throughout - very rare trace diss fine pyrite 76.0 - 76.2 white massive qtz vein with 25% chloritic inclusions - occasional local sections well laminated - possibly interflow sand-chert horizons.						

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DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE			
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES	
				- thin sections usually 0.3 to 0.6 m thick							
				laminated? foliated? 75.4-75.8;							
				70° tca and 80.3 to 80.9 and							
				83.8-84.1 and 83.6 to 83.9							
106	85.1	110.6		Mafic dyke dark green, fine grd, massive							
				- chloritic; contact sharp 70° tca							
				- homogeneous							
				- 2 to 4cm narrow felsic							
				dykelets @ 90.4m and 92.2m							
				91.5 - 4cm med gr, with 30% white							
				irregular gtz							
				99.7 - 100.0 60% white massive gtz							
				new material with with							
				12cm white massive gtz							
				new 99.85-100.0							
				100.4 3cm massive white gtz							

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ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE			
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES	
				102.1 - 5m qtz tourmaline vein							
				102.2 2m white qtz - calcite veinlet and 104.9							
				110.2 - 110.4 BK tourmaline veins with 12-15% calcite							
2ac	110.6	141.2		Felsic / Intermediate Volcanic, silicified, dark grey, very fine grained / porphyritic, massive with fracture control bleaching common through host - rare trace fine diss py. - occasional inclusions to weak developed shears up to 2.0 m but average 0.5 to 1.0 m; 125.8-126.5 shears: 15% qtz stringers	0.08		14089	125.3	125.7	0.4	
					40.04		14090	125.7	126.0	0.4	
					40.04		14091	126.0	126.4	0.4	
				127.2 - 128.7, 106, Mafic Dyke, dark green med/fine grd, massive, chromitic, contacts 650°C.	40.04		14092	126.4	126.8	0.4	

DIAMOND DRILL RECORD

ROCK TYPE	METERAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
				129.0-130.7 moderately sheared, banded light & dark grey, silicified & sericitic alt, shear 50° tca						
				134.9-135.3 weak shear 50° tca						
				144.4-141.0 moderately sheared, 5% mm scale qtz stringers						
Qh/Oe	141.2	144.9		mafic dyke, black/green, fine gr, well sheared 50° tca, with strong biotite & green chlorite alteration, & carbonate alt	<0.04		14093	140.4	140.8	0.4
					0.16		14094	140.8	141.2	
					<0.04		14095	141.2	141.6	
					0.12		14096	141.6	142.0	
				141.2 - 142.9 strong biotite / chlorite with weak silicification (3-5%) & coarse qtz stringers, trace pyrite	<0.04		14097	142.0	142.4	
					0.08		14098	142.4	142.8	0.4
					0.08		14099	142.8	143.1	0.3
					0.08		14100	143.1	143.4	0.3
				142.9 - 144.5 Qtz vein	<0.04		14101	143.4	143.7	0.3
				142.9 - 144.0 Qtz vein, white / grey, weak / moderate strained with 1% pyrite and trace sphalerite; 8-10% sericite-chlorite	<0.04		14102	143.7	144.0	0.3

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DIAMOND DRILL RECORD

ROCK TYPE	METERAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
				along planes to 144.0	0.04		14103	144.0	144.3	0.3
					0.04		14104	144.3	144.6	0.3
				143.8 - 144.0 2 cm sheared mafic	0.08		14105	144.6	144.9	0.3
				lenses (50%)	0.08		14106	144.9	145.3	0.4
					1.48		14107	145.3	145.7	0.4
				144.0 - 144.5 More massive section						
				of qtz vein, white with only						
				hematite (1-2%) chlorite/sericite						
				along fractures, tr py tr sphalerite						
				- lower contact 50° to 10.						
				144.5 - 144.9 well sheared mafic type						
				as shown with strong						
				carbonate etc.						
lac	144.9	175.4		Felsic / Intermediate volcanic, dull grey,						
				very fine gr, silicified, massive with						
				fracture control to leaching common throughout						
				170 - 174.4 weak shear with						
				shear increasing in intensity with						
				depth, shear 55° to 60						

RIVER GOLD MINES LTD.

PROJECT: Eagle River

LENGTH 180 CORE SIZE BQ

DIAMOND DRILL RECORD

CO-ORD N 98+10N

D.D. HOLE NO. 2000-99

DRILLED BY Benoit MACH NO. 16

E 89+10E

DEPTH 0 AZIMUTH 176 DIP -55

LOGGED BY C. Hartley

COLLAR ELEV

30 176 -54
60 177 -52.5

CORE STORED Eagle River site

LOGGED Nov 27/00

90 178 -52

CLAIM NO. 693574/75 TWP. Pt. Isacor

STARTED Nov 18/00

120 178 -52
150 179 -52

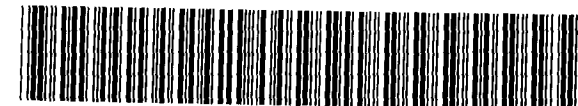
COMPLETED Nov 19/00

180 178 -51

PURPOSE Exploration ZONE 811 (Hook)

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METRAGE		
	FROM	TO						FROM	TO	METRES
OB	0	2		Overburden / casing - left in place						
Zac	2	26.2		Felsic / intermediate volcanic, dull medium to dark grey, silicified, very fine grained, bleaching along fractures common						
				interrupted by narrow mafic feldspar porphyry dykes from 9.0 to 9.2, 9.6 to 9.9 and 10.0 to 10.2						
				14.0 - 15.5 Laminar? shaly? -65-70°C						
				19.7 - 21.1 105, Mafic dyke, dark green fine med grd, massive, contacts 70°C						

C. Hartley



41114NW2005 2.21048 POINT ISACOR 040

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU g/TONNE	AU g/TONNE		FROM	TO	METRES
106	26.2	34.2		Mafic dyke, dark green, fine grained, massive, + py along fractures						
				31.5 - 34.2 dark green/black 0.5-1% pyrite diss + in fractures						
				34.5 - 34.7, bleached 60° fca, silicified with 20% narrow 1cm white qtz stringers						
2ac	34.2	53.7		Felsic / intermediate volcanic, dull grey, silicified, very fine grained, massive, fracture control bleaching common throughout						
				39.4 - 40.5 core blocky/broken						
				40.2 - 40.5 mafic dyke, dark green, retained 70° fca with 8cm white qtz near at lower contact						
				40.5 - 42.6 1/b, felsic dyke, light brown, very fine grained, massive, with 15-20% lt 2mm feldspar phenocrysts, contacts 70° fca						

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
				42.6 - 42.9 10b, mafic, dark green fine grd, massive						
				48-50.2 Con blocky/broken						
				50.6 - 53.7 More massive dull grey section with narrow mafic dyke 51.5 to 51.7m						
10d	53.7	54.5		Mafic dyke, dark green, fine grd, massive, 25% 2mm feldspar phenocrysts						
10b	54.5	56.8		Mafic dyke, dark green/grey, very fine grained, massive, contacts sharp 35° to a						
10a	56.8	147.5		Diabase, black, fine grained, massive, moderately strongly magnetic, homogeneous. Chill margin 56.8-57.2						

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU g/TONNE	AU g/TONNE		FROM	TO	METRES
				— rare narrow sections 10 to 20cm with very weak potassic alt. after roughed to fractures.						
				119 - 123 moderately blocky / broken						
				131.5 - 133.7 core blocky / broken, calcite filled fractures; drilled along joint plane.						
106	147.5	156.7		Mafic dyke, dark green, fine grained, massive non-magnetic, minor <1% fractures control epidote ± calcite						
2ac	156.7	157.8		Felsic / Intermediate volcanic, small grey, massive, very fine gr. d, minor fractures control bleaching; mafic dyke 156.9 - 157.2						

DIAMOND DRILL RECORD

ROCK TYPE	METRAGE		METERS	CORE DESCRIPTION	F.A.	C.K.	SAMPLE NUMBER	METERAGE		
	FROM	TO			AU 9/TONNE	AU 9/TONNE		FROM	TO	METRES
10b	157.8	160.2		Mafic dyke, dark green fine grained, massive, very similar to above, with minor epidote ± calcite filled fractures						
2ac	160.2	160.8		B-zone shear? Felsic/intermediate volcanic, silicified, shear? 65° Eca? 5cm irregular qtz veins @ 160.5 with 2-3% coarse pyrite and ± trace sphalerite. - core broken/blocky	LO.04		14201	159.8	160.2	0.4
	B zone? shear				LO.04		14202	160.2	160.6	0.4
					LO.04		14203	160.6	161.0	0.4
11a?	160.8	166.7		Felsic dyke? Volcanic? med/dark grey, fine grds, massive, core blocky/broken throughout, - thin qtz stringers ± in tr pyrite @ 163.2, 163.4 and 165.2						
2ac?										
10b	166.7	180.0		Mafic dyke, dark green, fine grd, massive local fracture central calcite, 177-180 core moderately broken/blocky						

180 EOH

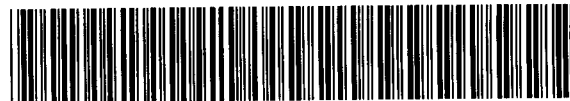


2 210 18

Daily Assay Report

DATE: Nov 17, 2000

Sample Number	Core	Au g/tonne	Avg
14048	CORE	0.32	
14049		0.28	
14050		< 0.04	
14051		< 0.04	
14052		< 0.04	
14053		< 0.04	
14054		0.20	
14055		0.08	
14056		0.16	
14057		0.12	
14058		0.12	
14059		0.20	
14060		0.08	
14061		0.12	
14062		< 0.04	
14063		0.08	
14064		0.08	
14065		0.08	
14066		0.12	
14067		< 0.04	
14068		< 0.04	
14069		0.20	



41N14NW2005 2.21048 POINT ISACOR 050

RECEIVED
APR 17 2001
GEOSCIENCE ASSESSMENT
OFFICE

Blair
ASSAYER



Daily Assay Report

DATE

Nov 17, 2000

Sample Number	Assay g/tonne	Assay	
14070	CORE 0.08		
14071	0.24		
14072	15.56	0.3	} 2000-97 5.28 / 20 m 112.9 to 114.9
14073	5.40	0.4	
14074	5.16	0.4	
14075	0.40	0.3	
14076	3.96	0.3	
14077	1.68	0.3	
14078	0.12		
14079	0.08		
14080	0.12		
14081	0.28		
14082	<0.04		
14083	<0.04		
14084	<0.04		
14085	<0.04		
14086	<0.04		
14087	<0.04		
14088	<0.04		

[Signature]
ASSAYER



Daily Assay Report

DATE: Nov 21, 2000

No	Sample Number	Au g/tonne	Avg					
1	14089 CORE	0.08						
2	14090	<0.04						
3	14091	<0.04						
4	14092	<0.04						
5	14093	<0.04						
6	14094	0.16						
7	14095	<0.04						
8	14096	0.12						
9	14097	<0.04						
10	14098	0.08						
11	14099	0.08						
12	14100	0.08						
13	14101	<0.04						
14	14102	<0.04						
15	14103	<0.04						
16	14104	<0.04						
17	14105	0.08						
18	14106	0.08						
19	14107	1.48						
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

[Signature]
ASSAYER



Daily Assay Report

DATE: Nov 27, 2000

No	Sample Number	Au g/tonne	Avg			
1	14201 CORE	< 0.04				
2	14202	< 0.04			2000 - 99	
3	14203	< 0.04				
4	14204	< 0.04				
5	14205	0.16				
6	14206	< 0.04				
7	14207	< 0.04			R30-14	
8	14208	< 0.04				
9	14209	0.52				
10	14210	0.60				
11						
12						
13						
14						
15						
16						
17						
18						
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30						

[Signature]
ASSAYER

Ministry of
Northern Development
and Mines

Ministère du
Développement du Nord
et des Mines



Date: 2001-MAY-22

GEOSCIENCE ASSESSMENT OFFICE
933 RAMSEY LAKE ROAD, 6th FLOOR
SUDBURY, ONTARIO
P3E 6B5

RIVER GOLD MINES LTD.
8 KING ST. EAST, SUITE 1305
TORONTO, ONTARIO
M5C 1B5 CANADA

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

Submission Number: 2.21048
Transaction Number(s): W0150.00030

Dear Sir or Madam

Subject: Approval of Assessment Work

We have approved your Assessment Work Submission with the above noted Transaction Number(s). The attached Work Report Summary indicates the results of the approval.

At the discretion of the Ministry, the assessment work performed on the mining lands noted in this work report may be subject to inspection and/or investigation at any time.

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

Yours Sincerely,

A handwritten signature in black ink, appearing to read "Ron Gashinski".

Ron Gashinski
Supervisor, Geoscience Assessment Office

Cc: Resident Geologist

River Gold Mines Ltd.
(Claim Holder)

Charles Joseph Hartley
(Agent)

Assessment File Library

River Gold Mines Ltd.
(Assessment Office)

REFERENCES

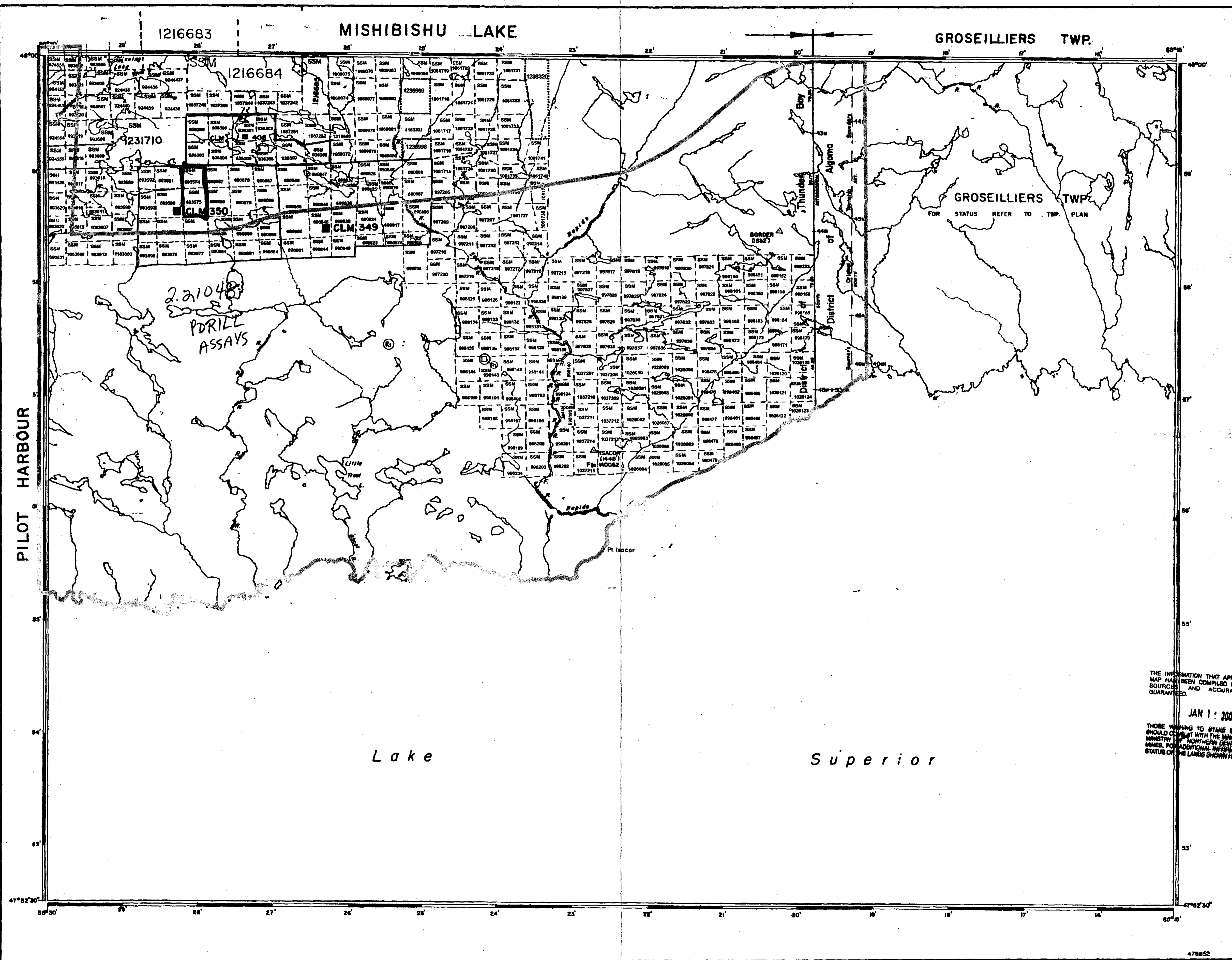
AREAS WITHDRAWN FROM DISPOSITION

M.R.O. - MINING RIGHTS ONLY
 S.R.O. - SURFACE RIGHTS ONLY
 M.S. - MINING AND SURFACE RIGHTS

Order No. Date Disposition File

SEC 540 MIO ACT 2270801
 CAMP BARRAS STATION DEPT. OF NATIONAL DEFENCE
 WITHDRAWN FROM STAKING 108051

SEC 35 W.L.-C1518000 ONT MAY 14/99 M83



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

RESERVATION

CANCELLED

SAND & GRAVEL

LAND USE PERMITS FOR COMMERCIAL TOURISM, OUTPOST CAMPS

NOTE: MINING RIGHTS IN PARCELS PATENTED PRIOR TO MAY 6, 1915, VESTED IN ORIGINAL PATENTEE BY THE PUBLIC LANDS ACT, R.S.O. 1970, CHAP. 300, SEC. 43, SUBSEC. 1.

SCALE: 1 INCH = 40 CHAINS

0 1000 2000 4000 8000 FEET
 0 300 1000 2000 METRES (1 KM) (2 KM)

SAULT STE. MARIE MINING DIVISION RECEIVED
 FEB - 7 1994 PM
 THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM SOURCES AND ACCURACY IS NOT GUARANTEED.

JAN 1 2001

THOSE APPLYING TO STAKE MINING RIGHTS SHOULD CONSULT WITH THE MINING REGISTRY DIVISION OF THE MINISTRY OF NATURAL RESOURCES AND FORESTRY FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREIN.

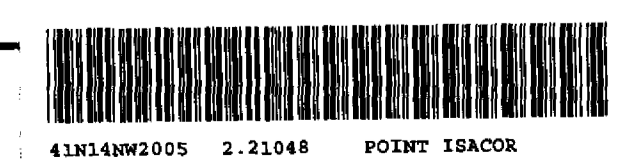
POINT ISACOR

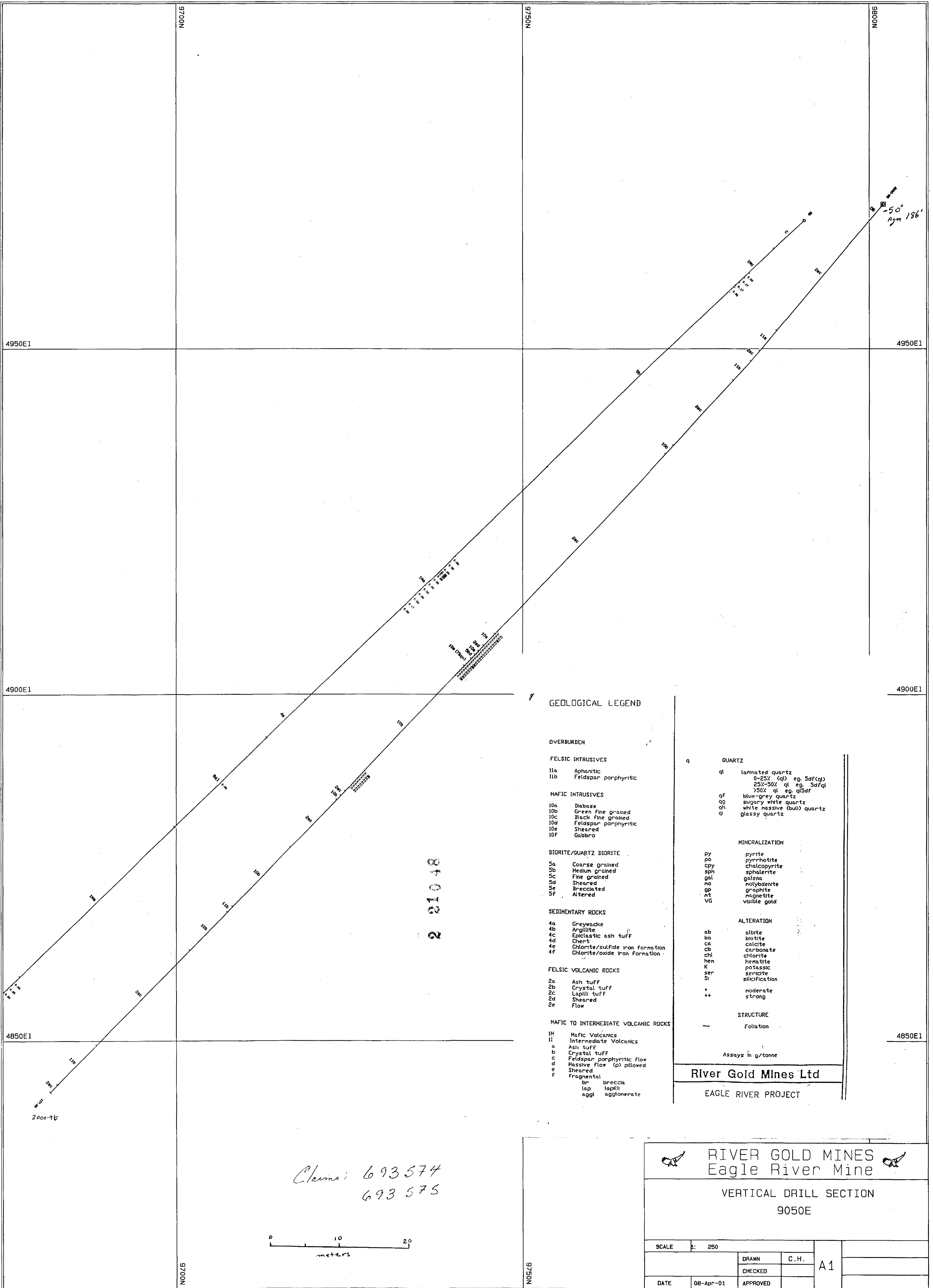
M.N.R. ADMINISTRATIVE DISTRICT
WAWA
 MINING DIVISION
SAULT STE. MARIE
 LAND TITLES / REGISTRY DIVISION
THUNDER BAY

Ministry of Natural Resources Ontario
 Ministry of Northern Development and Mines

Date FEBRUARY 1987 Number **G-3778**

TRIM TO THIS LINE ALL AROUND





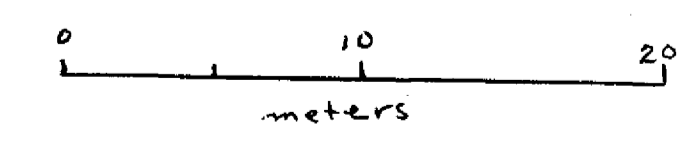
GEOLOGICAL LEGEND

- 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
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 - 5e Brecciated
 - 5f Altered
- SEDIMENTARY ROCKS
 - 4a Greywacke
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 - 4d Chert
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 - 2a Ash tuff
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- MAFIC TO INTERMEDIATE VOLCANIC ROCKS
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 - 1I Intermediate Volcanics
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 - e Sheared
 - f Fragmental
 - br breccia
 - lap lapilli
 - aggl agglomerate

- QUARTZ
 - qt laminated quartz
 - 0-25% (q) eg. Sdf(q)
 - 25%-50% qt eg. Sdf(q)
 - >50% qt eg. q5df
 - qf blue-grey quartz
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 - qh white massive (bull) quartz
 - qi glassy quartz
- MINERALIZATION
 - py pyrite
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 - cpy chalcopyrite
 - sph sphalerite
 - gal galena
 - no niobinite
 - gp graphite
 - nt magnetite
 - vg visible gold
- ALTERATION
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 - cb carbonate
 - chl chlorite
 - hen hematite
 - K potassic
 - ser sericite
 - Sl silicification
 - + moderate
 - ++ strong
- STRUCTURE
 - Foliation

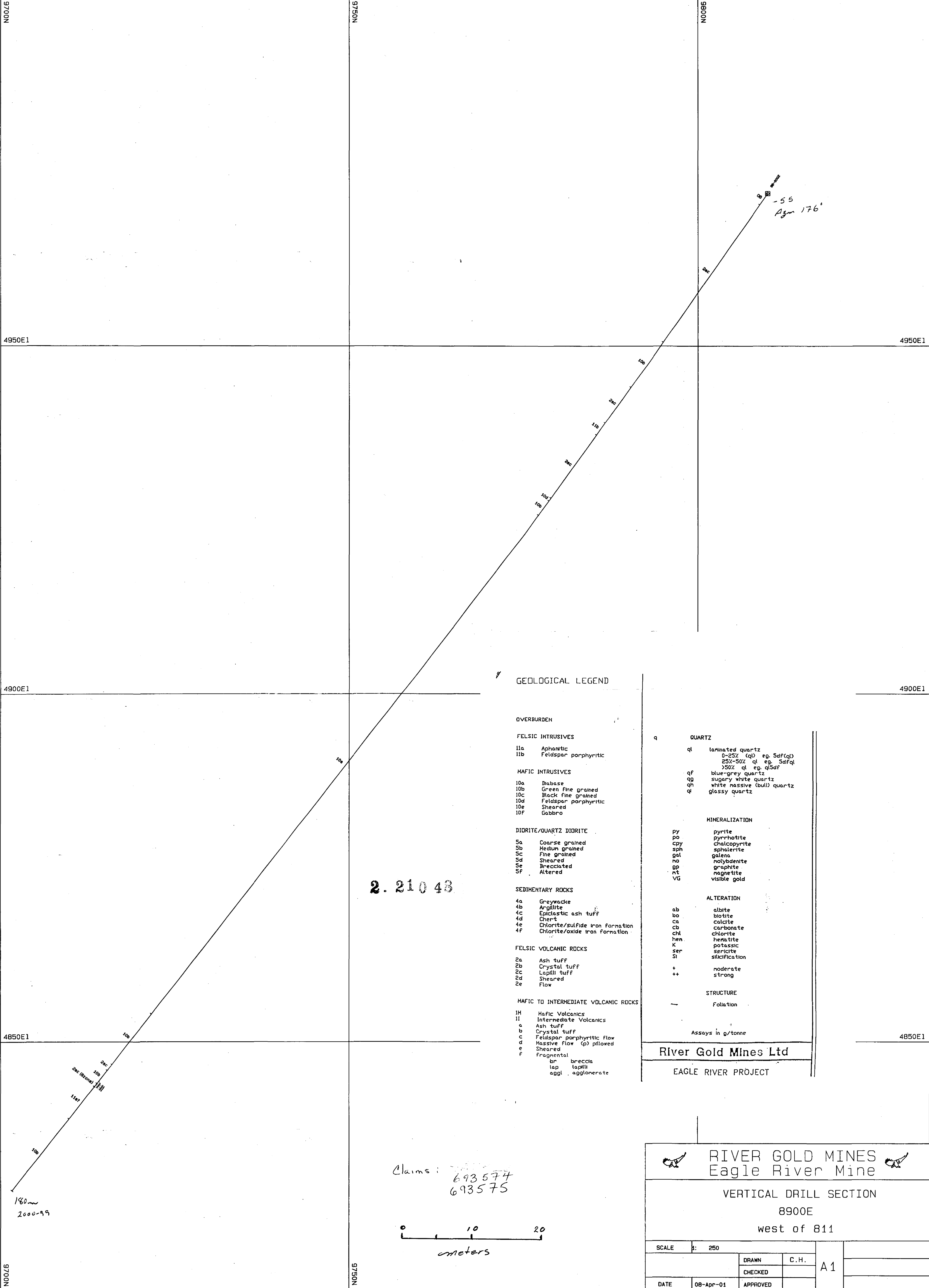
Assays in g/tonne
River Gold Mines Ltd
EAGLE RIVER PROJECT

Claims: 693574
693575



RIVER GOLD MINES Eagle River Mine			
VERTICAL DRILL SECTION 9050E			
SCALE	1: 250	DRAWN	C. H.
		CHECKED	
DATE	08-Apr-01	APPROVED	
			A1





GEOLOGICAL LEGEND

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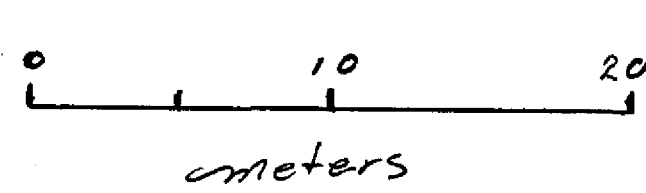
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 - 0-25% (q) eg. Sdf(q)
 - 25%-50% q) eg. Sdf(q)
 - >50% q) eg. q/Sdf
 - qf blue-grey quartz
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 - qh white massive (bul) quartz
 - qi glassy quartz
- MINERALIZATION
 - py pyrite
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 - cpy chalcopyrite
 - sph sphalerite
 - gal galena
 - no niobdenite
 - gp graphite
 - mt magnetite
 - VG visible gold
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 - ab albite
 - bo biotite
 - ca calcite
 - cb carbonate
 - chl chlorite
 - hen hematite
 - pot potassic
 - ser sericite
 - sil silicification
 - + moderate
 - ++ strong
- STRUCTURE
 - Foliation

Assays in g/tonne

River Gold Mines Ltd

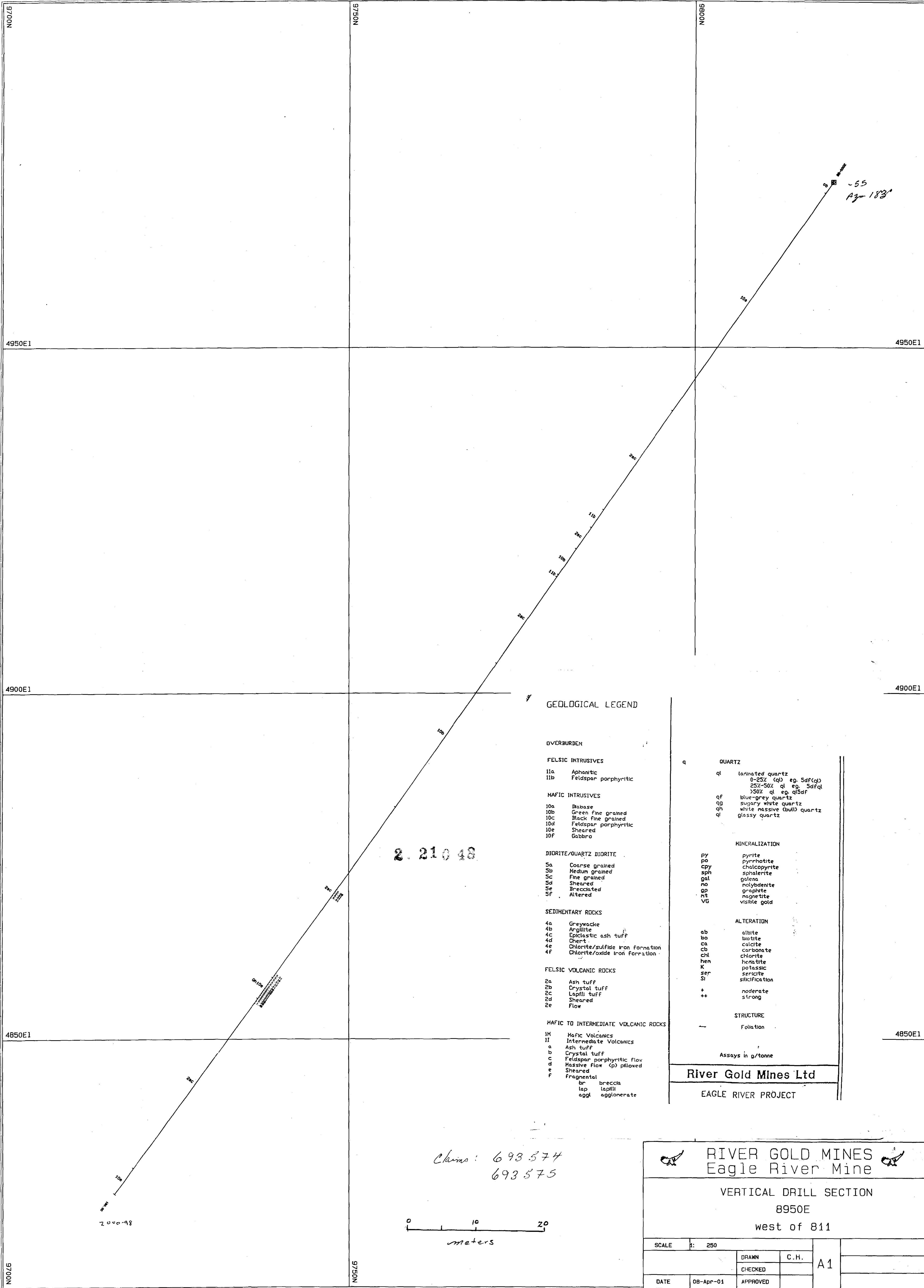
EAGLE RIVER PROJECT

Claims: 693574
693575



RIVER GOLD MINES Eagle River Mine			
VERTICAL DRILL SECTION 8900E west of 811			
SCALE	1: 250	DRAWN	C.H.
		CHECKED	
DATE	08-Apr-01	APPROVED	
			A1





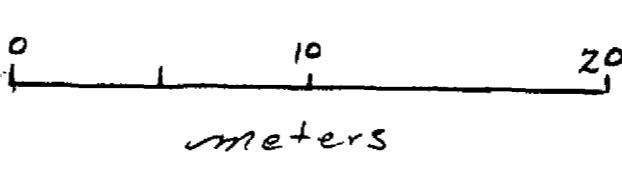
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 sph sphalerite
 gal galena
 na nolydenite
 gp graphite
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 VG visible gold
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 bo biotite
 ca calcite
 cb carbonate
 chl chlorite
 hen hematite
 K potassic
 ser sericite
 Sl silicification
 + moderate
 ++ strong
- STRUCTURE**
 Foliation
- Assays in g/tonne

River Gold Mines Ltd
EAGLE RIVER PROJECT

Claims: 693 574
693 575

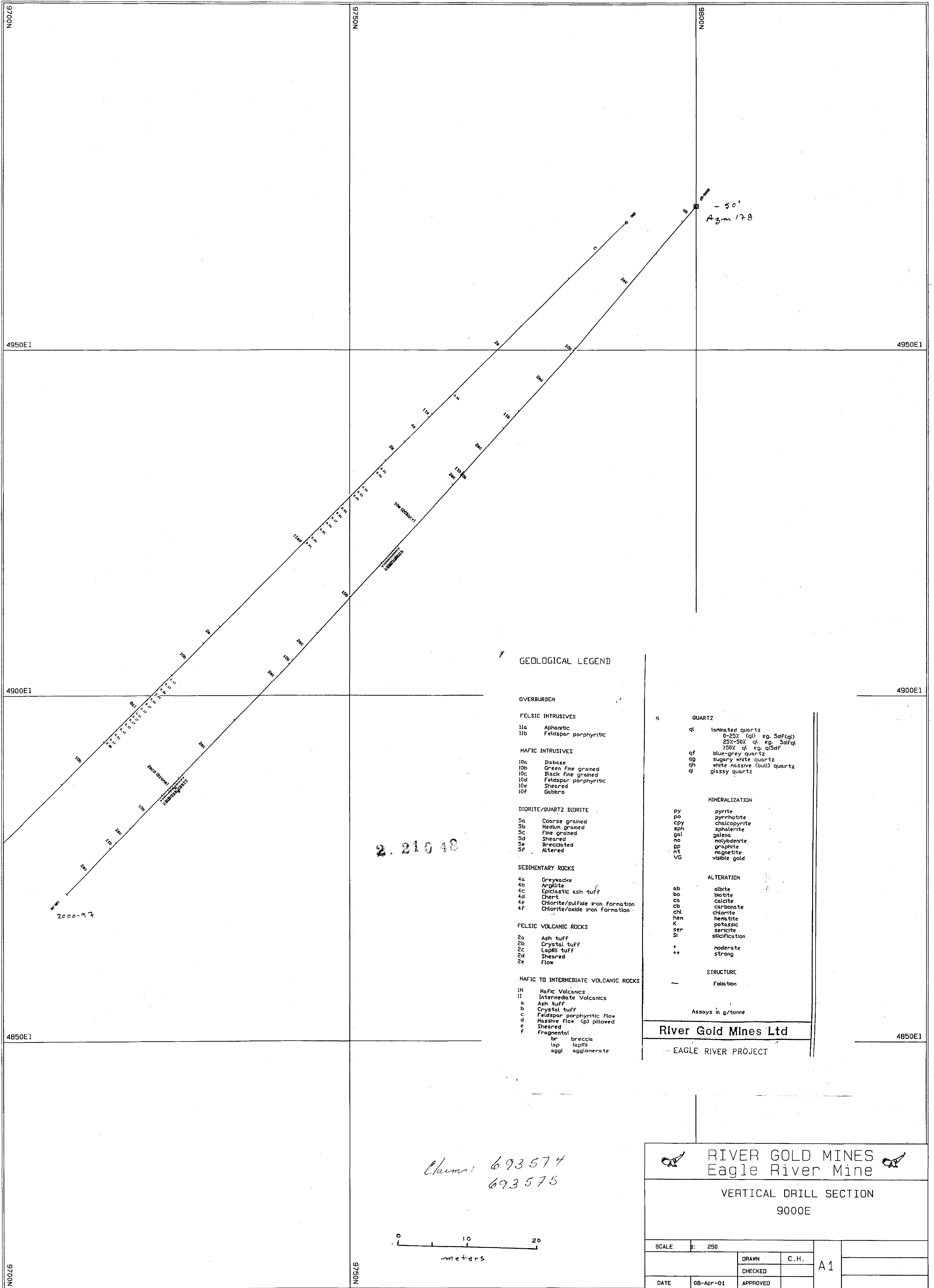


RIVER GOLD MINES
Eagle River Mine

VERTICAL DRILL SECTION
8950E
west of 811

SCALE	1: 250	DRAWN	C.H.	A1
		CHECKED		
DATE	08-Apr-01	APPROVED		





GEOLOGICAL LEGEND

OVERBURDEN

FELSIC INTRUSIVES

- 11a Aphanitic
- 11b Feldspar porphyritic

MAFIC INTRUSIVES

- 10a Diabase
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SEDIMENTARY ROCKS

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QUARTZ

- ql laminated quartz
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- qh white massive (bull) quartz
- qi glassy quartz

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- sph sphalerite
- gal galena
- no niobinite
- gp graphite
- mt magnetite
- VG visible gold

ALTERATION

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- ca calcite
- cb carbonate
- chl chlorite
- hen hematite
- K potassium
- ser sericite
- Sl silicification
- + moderate
- ++ strong

STRUCTURE

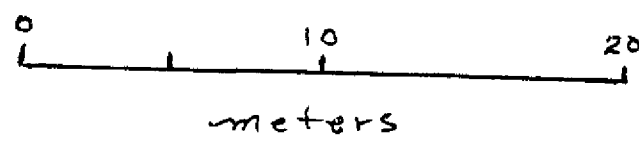
- Foliation

Assays in g/tonne

River Gold Mines Ltd

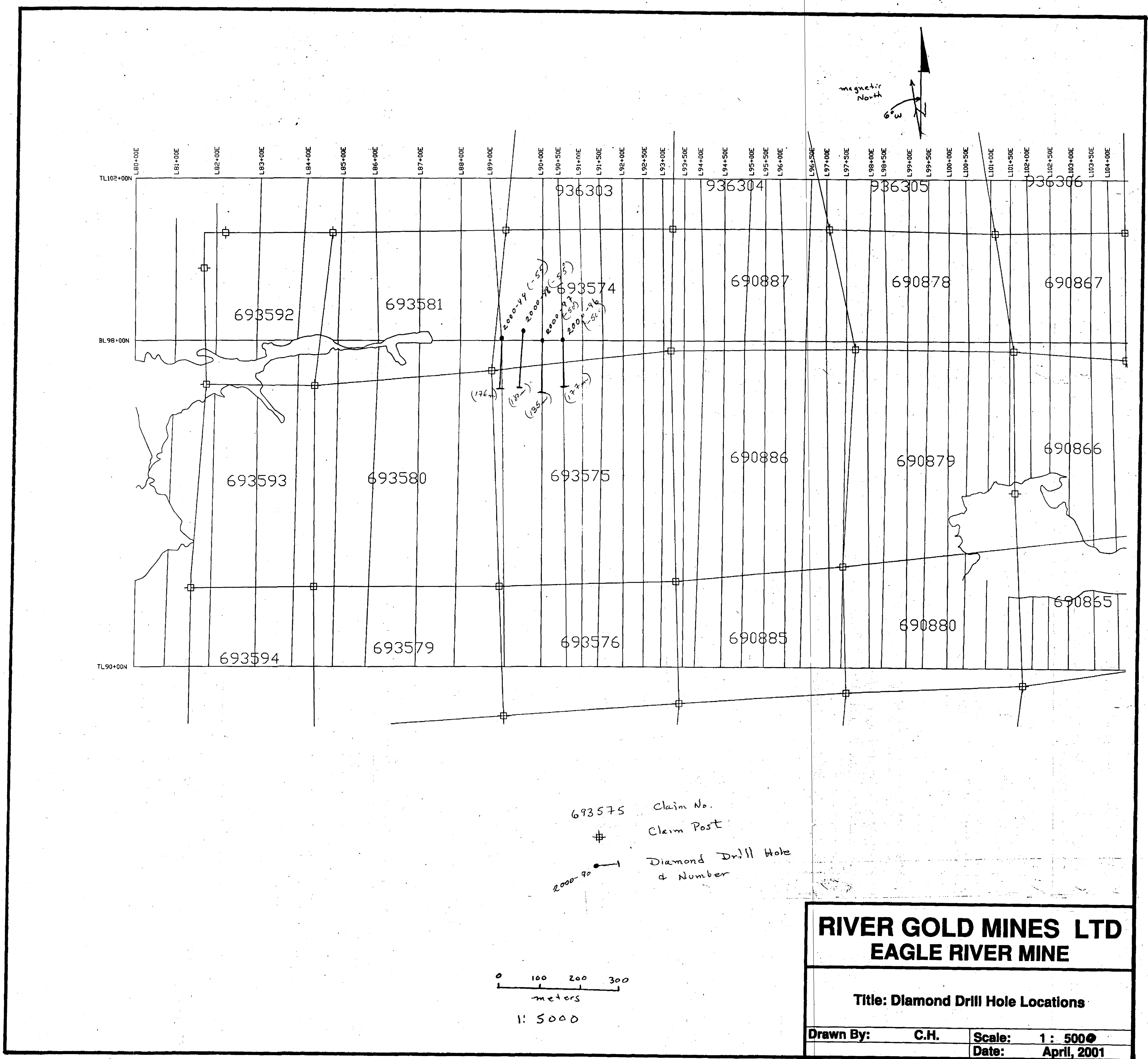
EAGLE RIVER PROJECT

Claims: 693574
693575



RIVER GOLD MINES Eagle River Mine			
VERTICAL DRILL SECTION 9000E			
SCALE	1: 250		
		DRAWN	C.H.
		CHECKED	
DATE	08-Apr-01	APPROVED	
			A1





0 100 200 300
meters
1: 5000

693575 Claim No.
Claim Post
2000-94 Diamond Drill Hole
& Number

**RIVER GOLD MINES LTD
EAGLE RIVER MINE**

Title: Diamond Drill Hole Locations

Drawn By:	C.H.	Scale:	1 : 5000
		Date:	April, 2001

