GOLDEN RIDGE
E12/93
DIAMOND DRILL LOGS

HOLE	AMG EAST	AMG NORTH	RL	GRID AZIMUTH	DIP	DEPTH	DATE	GEOLOGIST
GRD009	585781.0	5415534.1	509.74	148.00	-60	352.5	26/02/97	G.MASUR

SURVEY DEPTH	GRID AZIMUTH	DIP
30.00	147.00	-60.00
50.00	147.00	-60.00
70.00	148.00	-60.00
100.00	148.00	-61.00
130.00	149.00	-61.00
160.00	150.00	-61.00
190.00	151.00	-61.00
220.00	152.00	-60.00
250.00	153.50	-60.00
280.00	154.00	-60.00
310.00	154.00	-60.00
340.00	156.00	-60.00

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN SIZE	TEXT.	TEXTURE CORE ANG	TEXTURE OR1.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE ANG	VEIN OR1	DESCRIPTION
0.00	2.00	No Core																		NO SAMPLE
2.00	3.00	Ssd	Rbo	Ygy		m-fg														Lim fract'd(broken core)Ssd fg, bx sandstone, lge brkn samp
3.00	7.00	Ssd	Rbo	Ygy		fg														As above
7.00	9.50	Xfg/Ssd	Rbo	Ygy		fg											vq,tr			Zones of fine Ssd bx in fault
9.50	11.50	Ssd	Rbo	Ygy		fg											vq,tr			
11.50	15.50	Xfg/Ssd	Rbo	Ygy		fg											vq,4%	?		occ lim stn qv to 2cm;bx zones in bkn lim fine Ssd
15.50	18.00	Ssd	Rbo	Ygy		fg														
18.00	19.20	Xfg	Rbo	Ygy		fg											vq,1%			lim bx & fract zones (lim ex cb fract cement)
19.20	25.00	Ssd	Rbo	Ygy		fg											vq,1%			
25.00	29.00	Ssd	Rbo	Ygy		fg														partly brk Ssd; lim fracts
29.00	33.00	Ssd	Rbo	Ygy		fg														str shattered Ssd;lim cement ex cb; bx zones
33.00	33.70	Ssd/Sst	Rbf	Lgy		f-vfg														end of lim, fract & bx cement = cb
33.70	33.90	Ssd/Sst	Rbf	Lgy		f-vfg											vq,80%	// to bed		cb, bx, qtz v-
33.90	35.00	Ssd/Sst	Rbf	Lgy		f-vfg											vq,1%			
35.00	36.00	Ssd/Sst	Rbf	Lgy		f-vfg											cb,4%			cb. cemented bx & shatter zones in Ssd to 41.50m
36.00	41.50	Ssd/Sst	Rbf	Lgy		f-vfg														mostly fine Ssd with gy silt beds to 20cm
41.50	43.10	Ssd/Sst	Rbf	Lgy		f-vfg														Beddy @ perp to CA
43.10	47.00	Ssd	Rbf	L Ygy		fg														broken fg Ssd
47.00	47.40	Ssd	Rbf	L Ygy		fg				py,vm,tr										vuggy 0.5cm qv. broken core
47.40	48.60	Ssd	Rbf	L Ygy		fg											vq,5%			part bx qv // to bed
48.60	50.00	Ssd	Rbf	L Ygy		fg											vq,1%			49.2m-5cm silt bed
50.00	52.00	Ssd/Sst	Rbf	L Ygy		fg														
52.00	53.00	Ssd/Sst	Rbf	L Ygy		fg								ch,frac						start of bright gn chl on fract planes
53.00	54.00	Ssd/Sst	Rbf	L Ygy		fg								cb,frac			vq,1%			53.4 - 2cm qv // to bed
54.00	55.00	Ssd/Sst	Rbf	L Ygy		fg											cb,1%			bleaching along fracts
55.00	61.00	Ssd/Sst	Rbf	L Ygy		fg														
61.00	62.20	Ssd/Sst	Rbf	L Ygy		fg											cb			pk cb v- incl he ~1cm wide
62.20	63.00	Ssd/Sst	Rbf	L Ygy		fg														
63.00	64.00	Ssd/Sst	Rbf	L Ygy		vfg								cb,frac						cb fract networks // bedding

CONTINUED...

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GRD9 CONTINUED

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN SIZE	TEXT. CORE ANG	TEXTURE ORI.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE ANG	VEIN ORI	DESCRIPTION
64.00	64.80	Ssd/Sst	Rbf	L Ygy		vfg													
64.80	67.80	Ssd/Sst	Rbf	L Ygy		fg													minor Ssd
67.80	68.00	Ssd/Sst	Rbf	L Ygy		fg													Sst with So // cb fract network
68.00	68.70	Ssd/Sst	Rbf	L Ygy		vfg													68.7m-2cm cb v-, So // in Sst
68.70	69.20	Ssd/Sst	Rbf	L Ygy		vfg													69.2m-breccia - fault zone - So //
69.20	71.70	Ssd/Sst	Rbf	L Ygy		fg													
71.70	72.50	Ssd/Sst	Rbf	L Ygy		fg													71.7m-Sst and cb fract
72.50	73.70	Ssd/Sst	Rbf	L Ygy		vfg													
73.70	74.40	Ssd/Sst	Rbf	L Ygy		fg							ch,cb,frc						Sst and cb fract/veinlets; ch alt with fract
74.40	76.40	Ssd/Sst	Rbf	L Ygy		fg													
76.40	76.50	Ssd/Sst	Rbf	L Ygy		fg							cb,frac						Sst: cb vein @ 76.4 So //
76.50	78.60	Ssd/Sst	Rbf	L Ygy		fg							cb,frac						
78.60	78.90	Ssd/Sst	Rbf	L Ygy		fg							cb,frac						Sst-1cm cb vein So// same cb fract
78.90	81.20	Ssd/Sst	Rbf	L Ygy		fg							cb,frac						81.2m-cb vein-chl alt- 5cm wide So // in Sst
81.20	81.80	Ssd/Sst	Rbf	L Ygy		fg													
81.80	85.30	Ssd/Sst	Rbf	L Ygy		fg													pale sed - alt?
85.30	85.50	Ssd/Sst	Rbf	L Ygy		fg													Sst
85.50	86.70	Ssd/Sst	Rbf	L Ygy		fg													
86.70	86.90	Ssd/Sst	Rbf	L Ygy		fg													pale Sst
86.90	88.00	Ssd/Sst	Rbf	L Ygy		fg													
88.00	90.50	Ssd/Sst	Rbf	L Ygy		fg													pk(he?) alt tinge
90.50	91.00	Ssd/Sst	Rbf	L Ygy		fg							cb,frac						
91.00	92.40	Sst	Rbf	L Ygy		vfg							cb,frac						92.4m- pale Sst
92.40	93.60	Sst	Rbf	L Ygy		vfg							cb,ep,frc						93.3-93.6 intense cb fract & lg alt ep? all directions
93.60	97.40	Sst	Rbf	L Ygy		vfg													more So// cb fracts in Sst than Ssd
97.40	99.60	Ssd	Rbf	L Ygy		fg													
99.60	99.70	Ssd	Rbf	L Ygy		fg							cb,ep,frc						intense cb fract & ep
99.70	100.00	Ssd	Rbf	L Ygy		fg													
100.00	101.40	Ssd	Rbf	L Ygy		fg													cb fract system // core; ep alt
101.40	103.50	Ssd	Rbf	pk gy		fg							ep,vm			q	// (0°)		Qv // to core-max 5cm wide; assoc ep alt-bleaching
103.50	106.00	Ssd	Rbf	pk gy		fg													patchy pk (he?) alt, minor cb fract
106.00	106.40	Ssd	Rbf	pk gy		fg													2cm qv // core; some pk stn & selved ye S
106.40	107.00	Ssd	Rbf	pk gy		fg													
107.00	109.10	Ssd	Rbf	pk gy		fg													1cm qv incl cb, gr selv in px por alt
109.10	110.20	Ssd	Rbf	pk gy		fg													qv-max 4cm wide;pk stn in places;vv- grown into open space
110.20	115.50	Ssd	Rbf	pk gy		fg													
115.50	115.60	Ssd	Rbf	pk gy		fg													Sst layer with qv filled shear/fault 3cm wide
115.60	115.90	Ssd	Rbf	pk gy		fg													
115.90	117.00	Ssd	Rbf	pk gy		fg													qv with swirly alt and cb
117.00	118.60	Ssd/Sst	Rbf	pk gy		fg													
118.60	119.20	Ssd/Sst	Rbf	pk gy		fg													118.6m-cb v-in sh.in Sst;cb-ck fract;bk specs in Sst
119.20	120.20	Sst/Ssd	Rbf	pk gy		fg													
120.20	121.80	Ssd	Rbf	pk gy		fg													
121.80	122.40	Sst	Rbf	pk gy		fg			py,di,tr										122.1m-qv is shear-mylon;tr sulph?;v fine py?
122.40	123.10	Ssd	Rbf	pk gy		fg													
123.10	124.50	Ssd	Rbf	pk gy		fg							ep,frac	he,frc	cb,frc				qv+ep alt;splotchy he alt & silic in area;more cb fract
124.50	125.00	Sst/Ssd	Rbf	pk gy		fg													
125.00	126.00	Ssd	Rbf	pk gy		fg													
126.00	126.50	Ssd	Rbf	pk gy		fg													blch Ssd around small gouge fault zone
126.50	127.50	Ssd	Rbf	pk gy		fg													
127.50	128.50	Ssd	Rbf	pk gy		fg							ct,frac						
128.50	129.20	Ssd	Rbf	pk gy		fg													

CONTINUED...

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GRD9 CONTINUED

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN SIZE	TEXT.	TEXTURE CORE ANG	TEXTURE ORI.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE ANG	VEIN ORI	DESCRIPTION
129.20	129.30	Ssd	Rbf	pk gy		fg								ep,fault			vq			qv in ep mylon zone;~3cm sub perp to core
129.30	131.00	Ssd/Sst	Rbf	pk gy		fg														
131.00	131.20	Ssd/Sst	Rbf	pk gy		fg				py,di,tr	as,di,tr			cb,frac						fr/br zone;tr py & vis Au;lesser As; also cb fr and blebs
131.20	135.30	Ssd	Rbf	pk gy		fg														
135.30	135.50	Ssd	Rbf	pk gy		fg											vq		240/2	2 lam qv(2cm wide);frac by cb in Sst
135.50	135.70	Ssd	Rbf	pk gy		fg														
135.70	135.80	Ssd	Rbf	pk gy		fg				py,di,tr										tr py in qv-laminated 080/305 (?)
135.80	137.40	Ssd	Rbf	pk gy		fg														
137.40	139.60	Ssd	Rbf	pk gy		fg	So		065/60N											So: ~065/60N bedding in Sst @ 137.4m
139.60	140.80	Ssd	Rbf	pk gy		fg														spots(bt?) in Sst with preferred orientation
140.80	141.30	Ssd	Rbf	wh		fg														pale Ssd
141.30	144.80	Ssd	Rbf	wh		fg														
144.80	145.10	Ssd/Sst	Rbf	wh		fg														opened cb fract
145.10	146.50	Ssd/Sst	Rbf	wh		fg														
146.50	146.70	Ssd/Sst	Rbf	wh		fg				As,di,tr	ga?,di,tr			ch,p/f			vq	25°		Sst/Ssd cont-disloc by vq;As,ga in Sst band perp to core;ch
146.70	148.80	Sst	Rbf	wh		fg														
148.80	148.90	Ssd/Sst	Rbf	wh		fg				py,di,2%							vq			py in vq 1cm also cb fract
148.90	150.00	Ssd/Sst	Rbf	wh		fg														
150.00	156.50	Ssd	Rbf	lg		fg				Au,vn							vq,3%	stck work		pale Ssd;150.6m-tr Au in vq;vq dl by sm qc?v-s incl ca,ch fr
156.50	157.40	Ssd	Rbf	lg		fg				As,vn,2%							vq		~220	vq with As @157.4;darker Ssd-gy
157.40	157.80	Ssd	Rbf	lg		fg				As,vn,tr							vq		~220	157.5m-As in vq margin in v-;darker Ssd-gy
157.80	159.00	Sst/Ssd	Rbf	lg		fg				py,vn,tr-	ga,vn,tr-1%	As,vn,tr-1%		py,di	cb,frc		vq			spot' Sst-Ssd-lam'd;157.9 has 1cm vq
159.00	160.00	Sst/Ssd	Rbf	lg		fg				py,vn,tr-	ga,vn,tr-1%	As,vn,tr-1%		py,di			vq			159.2-2cm vq; tr As in vn;So @ 160 055/20N(?)
160.00	162.00	Sst/Ssd	Rbf	lg		fg				py,vn,tr-	ga,vn,tr-1%	As,vn,tr-1%		py,di			vq		340/8	py vq=340/80E @161.6-1cm;crossed by flat vq with py,ga ~2cm
162.00	163.00	Sst/Ssd	Rbf	lg		fg				py,vn,tr-	ga,vn,tr-1%	As,vn,tr-1%		py,di			vq			be py di in Sst
163.00	165.00	Sst/Ssd	Rbf	lg		fg				py,vn,tr-	ga,vn,tr-1%	As,vn,tr-1%		py,di			vq		345/8	345/80W As,py in vq @ 163.0 ~2cm wide
165.00	168.00	Sst/Ssd/vq	Rbf	lg		fg				py,vn,tr							vq,15%	brecc		y'ger vq event?hydro brecc,Qtz,bl host,tr py crs'r in places
168.00	171.40	Sst/Ssd	Rbf	lg		fg				py,vn,tr-	As,vn,tr-1%						vq,tr		355/8	vq disloc by cb fract
171.40	173.00	Sst/Ssd	Rbf	lg		fg				py,vn,tr-	As,vn,tr-1%						vq,tr			171.4=3cm vq&As,py; 2 stages of vq-2nd more fluid
173.00	174.00	Sst/Ssd	Rbf	lg		fg				py,vn,tr-	As,vn,tr-1%						vq,tr			173.0=more vq with ep alt;<pk he in wall rock paler near 174
174.00	175.00	Sst/Ssd	Rbf	lg		fg				py,vn,tr-	As,vn,tr-1%						vq,tr			sm qv 355/80W with py around 175m typical of this unit
175.00	176.50	Sst/Ssd	Rbf	lg		f-vfg											vq			vq & ep alt
176.50	176.60	Sst/Ssd	Rbf	lg		f-vfg				py,tr				ep,vn			vq			vq 2cm banded - brecc
176.60	178.50	Sst/Ssd	Rbf	lg		f-vfg											vq			py in fractures
178.50	178.80	Sst/Ssd	Rbf	lg		f-vfg				As(py),vn,40%							vq/qs		355/8	178.5m & 178.8m= vq rich in As; 1cm lesser ga,py
178.80	184.50	Sst/Ssd	Rbf	lg		f-vfg											vq			181.3m=narrow fault gouge
184.50	185.30	Sst/Ssd	Rbf	lg		f-vfg	So		330/35E								vq			So=330/35E @ 184.5 & ending in Sst
185.30	187.90	Sst/Ssd	Rbf	lg		f-vfg											vq			185.3m = narrow fault gouge
187.90	188.10	Sst/Ssd	Rbf	lg		f-vfg				ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr				vq,st		355/8	intense vq; tr As in vn; py in wallrock
188.10	188.80	Sst/Ssd	Rbf	lg		f-vfg				ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr				vq,st			188.8 vq almost perp to core with tr As
188.80	190.40	Sst/Ssd	Rbf	lg		f-vfg				ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr				vq,st			
190.40	191.80	Sst/Ssd	Rbf	lg		f-vfg	cb fra		055/40N	ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr	py,di	ga,di	sp?,di	vq,st			190.4=vq with as,ga,py in cb fr on margins 1cm wide
191.80	193.00	Sst/Ssd	Rbf	lg		f-vfg				ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr				vq,st			191.8= tr py in sm vq// So in Sst
193.00	194.00	Sst/Ssd	Rbf	lg		f-vfg				ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr				vq,st			
194.00	196.80	Sst/Ssd	Rbf	lg		f-vfg				ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr				vq,tr		030/8	194.6 <5mm vq & As,py
196.80	197.00	Sst/Ssd	Rbf	lg		f-vfg				ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr	ep,in vn	ch,in vn		vq		030/7	few vq & ep,ch vq & As,py disloc by cb,py fracture - 015/80S

CONTINUED...

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GRD9 CONTINUED

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN SIZE	TEXT.	TEXTURE CORE ANG	TEXTURE ORI.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE ANG	VEIN ORI	DESCRIPTION
197.00	198.00	Sst/Ssd	Rbf	lg		f-vfg				ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr				vq		015/8	
198.00	202.10	Sst/Ssd	Rbf	lg		f-vfg				ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr				vq			
202.10	202.40	Sst/Ssd	Rbf	lg		f-vfg				ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr				qc		050/4	breccia zone; Sst in cb matrix-tr py; 1cm q-cb v- at top
202.40	203.40	Sst/Ssd	Rbf	lg		f-vfg				ga,vn/vm,tr	as,vn/vm,tr	Py,vn/vm,tr	Sp,vn/vm,tr							
203.40	203.50	Sst/Ssd	Rbf	lg		f-vfg								he?,p						rb alt zone-he? assoc with qv & sp?;py sub to core; cb fract
203.50	207.20	Sst/Ssd	Rbf	lg		f-vfg														
207.20	209.00	Sst/Ssd	Rbf	lg		f-vfg														107.2m-3mm vq and py (assoc with later fract)
209.00	209.40	Sst/Ssd	Rbf	lg		f-vfg				py,vn/vm				he?,vm			vq		130/7	py rich vq-2mm;cb fract controlled
209.40	209.60	Sst/Ssd	Rbf	lg		f-vfg				py,vn/vm				he?,vm			vq		130/7	vq/breccia py rich sp also? also cb fract
209.60	211.50	Sst/Ssd	Rbf	lg		f-vfg														
211.50	212.00	Sst/Ssd	Rbf	lg		f-vfg				py,vn		as,vn	Ga,vn				vq			a few vq:~3mm with py, as or ga?
212.00	214.00	Sst/Ssd	Rbf	lg		f-vfg														
214.00	217.80	Sst/Ssd	Rbf	lg		f-vfg				py,vm		ga,vm		he?,vm			vq		030/5	
217.80	218.40	Sst/Ssd	Rbf	lg		f-vfg														
218.40	218.50	Sst/Ssd	Rbf	lg		f-vfg				py,fj		py,vn/vm	As,vn/vm				vq qc,tr			vq with py, as 3mm
218.50	218.80	Sst/Ssd	Rbf	lg		f-vfg				py,fj		py,vn/vm	As,vn/vm				vq qc,tr			vq and brecc with py vn vm
218.80	222.50	Sst/Ssd	Rbf	lg		f-vfg				py,vn/vm,tr		py,fj,tr					vq,tr		000/8	218.8m-vq with as, py 3mm
222.50	225.80	Sst/Ssd	Rbf	lg		f-vfg	So		120/55NW	py,vn/vm,tr		py,fj,tr					vq,tr			v. few vq with py and py filled cb fract
225.80	226.50	Sst/Ssd	Rbf	lg		f-vfg				py,vn/vm,tr				cb,frac	py,frc		vq	~0° (//)		stockwork of vq and py;~2mm v- sub // to core;py in cb fract
226.50	228.50	Sst/Ssd	Rbf	lg		f-vfg														
228.50	228.60	Sst/Ssd	Rbf	lg		f-vfg				py,vn/vm,tr		as,vn/vm,tr					vq			vq and py lesser as py mostly vm
228.60	231.00	Sst/Ssd	Rbf	lg		f-vfg														
231.00	231.10	Sst/Ssd	Rbf	lg		f-vfg				py,di/vn,tr				ep,p			qc		003/8	qv/ep alt in Sst;lge py blebs;lots of cb-v-,fract(fine mass
231.10	235.00	Sst/Ssd	Rbf	lg		f-vfg				py,di/vn,tr										231.6m: fine vq and py; v few vq or cb fract to 235m
235.00	236.20	Sst/Ssd	Rbf	lg		f-vfg														
236.20	238.50	Sst/Ssd	Rbf	lg		f-vfg				py,vn,tr		as,vn,tr	Ga,vn,tr							236.2m:vq & py,sp as(rich) sm stockwork;1cm at widest point
238.50	239.10	Sst/Ssd	Rbf	lg		f-vfg								si	he					bleached zone;vq,silicification he alt! 239m:vq rich
239.10	242.30	Sst/Ssd	Rbf	lg		f-vfg														
242.30	242.70	Sst/Ssd	Rbf	lg		f-vfg	So		115/255					si,vm						242.3:So - 115/255
242.70	242.80	Sst/Ssd	Rbf	lg		f-vfg				ga,vm,tr							vq	045	035/7	
242.80	246.10	Sst/Ssd	Rbf	lg		f-vfg				ga,vm,tr										a few <5mm vq & py,as silicif & he alt around larger veins
246.10	246.20	Sst/Ssd	Rbf	lg		f-vfg				ga,vm,tr							vq		115/2	vq:/ So~ faulted, other vq at usual orientation; tr py vn,vm
246.20	250.00	Sst/Ssd	Rbf	lg		f-vfg				ga,vm,tr										248.5m: vq disloc by cb fract
250.00	253.70	Sst/Ssd	Rbf	lg		f-vfg				py,vn		as,vn								v few vq, sometimes with tr py,as; minor cb fract
253.70	256.70	Sst/Ssd	Rbf	lg		f-vfg				as,vn		as,vn								253.7-256.5m:fract,veined alt,bleached;254.3m:as rich vq
256.70	259.50	Sst/Ssd	Rbf	lg		f-vfg				as,py,vm		as,py,fj								256.7m: 7cm vq, as fract controlled more at vn margins
259.50	260.80	Sst/Ssd	Rbf	lg		f-vfg				as,py,vm		as,py,fj					vq		095/5	
260.80	261.90	Sst/Ssd	Rbf	lg		f-vfg				as,py,vm		as,py,fj								260.8m: py rich cb fract system
261.90	265.00	Sst/Ssd	Rbf	lg		f-vfg	So		045/50NW	as,py,vm		as,py,fj								261.9m: 045/50NW banding
265.00	268.80	Sst/Ssd	Rbf	lg		f-vfg				as,vn		py,vn	Sp,vn							265m: 2.5cm vq & as,py,sp?; ~2 or 3 ~3mm vq & as,py per mt
268.80	269.00	Sst/Ssd	Rbf	lg		f-vfg				as,vn		py,vn					vq		110/7	typical min vq 110/75N
269.00	271.50	Sst/Ssd	Rbf	lg		f-vfg				as,vn		py,vn					vq		100/7	a few <5 mm vq & py,as
271.50	272.80	Sst/Ssd	Rbf	lg		f-vfg				as,vn		py,vn	Ga,vn				vq			a few vq up to 3cm & py,as,ga?(bleached zone)
272.80	273.30	Sst/Ssd	Rbf	lg		f-vfg														a few vq

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GOLDEN RIDGE
E12/93
DIAMOND DRILL LOGS

GRD9 CONTINUED

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN SIZE	TEXT.	TEXTURE CORE ANG	TEXTURE ORI.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE ANG	VEIN ORI	DESCRIPTION
273.30	274.50	Sst/Ssd	Rbf	lg		f-vfg														v. few veins, only very small
274.50	274.80	Sst/Ssd	Rbf	lg		f-vfg														274.5m:4cm vq & tr py- fract controlled
274.80	274.90	Sst/Ssd	Rbf	lg		f-vfg				py	Au									1cm vq & tr py,Au
274.90	275.00	Sst/Ssd	Rbf	lg		f-vfg														
275.00	277.50	Sst/Ssd	Rbf	lg		f-vfg				py,vn	py,fj						vq			275-281m: ~3-4 up to 1cm vq per metre, py common
277.50	279.80	Sst/Ssd	Rbf	lg		f-vfg				py,vn	py,fj						vq		040/v	
279.80	279.90	Sst/Ssd	Rbf	lg		f-vfg				py,vn,10%	ga,vn	Sp,vn	Au,vn				vq		220/8	279.8m:str min'd vq Au,ga-sp intergrowths; good vns to 280.6
279.90	281.00	Sst/Ssd	Rbf	lg		f-vfg				py,vn,10%	ga,vn	Sp,vn	Au,vn							
281.00	282.30	Sst/Ssd	Rbf	lg		f-vfg				py,vn,3%										
282.30	282.50	Sst/Ssd	Rbf	lg		f-vfg				py,vn,3%										py in a few 5mm vq
282.50	284.90	Sst/Ssd	Rbf	lg		f-vfg				py,vn,3%										not much vq (a few <2mm)
284.90	286.70	Sst/Ssd	Rbf	lg		f-vfg				py,vn,3%										5-6 ~5mm vq per metre, py in vq
286.70	289.50	Sst/Ssd	Rbf	lg		f-vfg								cb,frac						v. few vq;lots cb fract;occ vq & cb fract;paler softer rock
289.50	290.00	Sst/Ssd	Rbf	lg		f-vfg														
290.00	291.50	Sst/Ssd	Rbf	lg		f-vfg														a few ~1cm vq disloc by cb fract
291.50	292.20	Sst/Ssd	Rbf	lg		f-vfg								cb,frac						v. pale cb fract, altered
292.20	293.40	Sst/Ssd	Rbf	lg		f-vfg														
293.40	294.50	Sst/Ssd	Rbf	lg		f-vfg														293.4m: fault gouge - cb fracts
294.50	295.00	Sst/Ssd	Rbf	lg		f-vfg														294.5m: broken core
295.00	295.10	Sst/Ssd	Rbf	lg		f-vfg														fault gouge
295.10	297.90	Sst/Ssd	Rbf	lg		f-vfg				py,60%	as,60%	Sp,60%	Ga,60%				vq,60%			~60% vq & as,py,ga,sp interg: mineralised zone
297.90	300.00	Sst/Ssd	Rbf	lg		f-vfg											vq		020/8	298.1m: soft pale altered rock
300.00	301.70	Sst/Ssd	Rbf	lg		f-vfg								cb,frac						
301.70	302.40	Sst/Ssd	Rbf	lg		f-vfg				ga,vn,tr	sp,vn,tr			cb,frac						vq & as(rich),py; a few sm vns with py,ga,sp
302.40	306.00	Sst/Ssd	Rbf	lg		f-vfg				ga,vn,tr	sp,vn,tr			cb,frac						
306.00	306.80	Sst/Ssd	Rbf	lg		f-vfg	So		010-10E	py,vn	py,fj			cb,frac						few >5mm vq,tr py only,dist by later cb fract;So~010/10E
306.80	311.70	Sst/Ssd	Rbf	lg		f-vfg								cb,frac			vq		014/8	minor vq & py <3mm ~3 per metre; some vns with tr ga-sp
311.70	313.50	Sst/Ssd	Rbf	lg		f-vfg				ga,vn	sp,vn	Py,vn	Au,vn	cb,frac						311.7m:15mm vq with sulphs:311.7-313.5m:5mm vq almost //core
313.50	316.50	Sst/Ssd	Rbf	lg		f-vfg								cb,frac						313.5-319.5m:5mm chalky vqs,~5% sulph-py,ga-sp,as ~3 per mt
316.50	318.40	Sst/Ssd	Rbf	lg		f-vfg								cb,frac	py,frac					
318.40	319.50	Sst/Ssd	Rbf	lg		f-vfg				ga-sp,vn,5%	py,vn,5%	As,vn,5%		cb,frac	py,frac					318.4m:vq & sp-ga,Au?,as,py 15mm ~5% sulph
319.50	320.90	Sst/Ssd	Rbf	lg		f-vfg				ga-sp,vn,5%	py,vn,5%	As,vn,5%		cb,frac	py,frac		vq		000/8	str mineralised vqc chalky look qtz & ~10% sulph
320.90	323.40	Sst/Ssd	Rbf	lg		f-vfg				ga-sp,vn,5%	py,vn,5%	As,vn,5%		cb,frac	py,frac					320.9-325.5m:chalky vq av~7mm(py fracts)with py,ga-sp,as~3/m
323.40	324.30	Sst/Ssd	Rbf	lg		f-vfg				ga-sp,vn,5%	py,vn,5%	As,vn,5%		cb,frac	py,frac					323.4m:pure py fracture
324.30	324.40	Sst/Ssd	Rbf	lg		f-vfg				ga-sp,vn,5%	py,vn,5%	As,vn,5%		cb,frac	py,frac					324.3m:25mm vq & py, tr ga-sp
324.40	325.00	Sst/Ssd	Rbf	lg		f-vfg								cb,frac	py,frac					
325.00	327.90	Sst/Ssd	Rbf	lg		f-vfg								cb,frac						v few, v small vq
327.90	328.00	Sst/Ssd	Rbf	lg		f-vfg				ga,vn	sp,vn	Py,vn	As?,vn	cb,frac						1cm vq & py,ga-sp,as?, v little vq
328.00	330.20	Sst/Ssd	Rbf	lg		f-vfg								cb,frac						v. little vq
330.20	330.60	Ssd/Sst	Rbf	lg		fg								cb,frac						lithol gets paler - Ssd
330.60	333.30	Ssd/Sst	Rbf	lg		fg								cb,frac						330.6m:qc veining-no sulph:different event),v little vq
333.30	334.50	Ssd/Sst	Rbf	lg		fg				as,vn	py,vn			cb,frac			vq		025/8	as rich vq-cb fract
334.50	335.20	Ssd/Sst	Rbf	lg		fg				as,vn	py,vn			cb,frac						3mm vq - as rich
335.20	339.00	Ssd/Sst	Rbf	lg		fg								cb,frac						355.2m:6mm vq & as,py; occ <2mm vq & py (tr)
339.00	345.00	Ssd/Sst	Rbf	lg		fg								ep,vn						vq & silic,tr py & ep alt;occ <2mm vq & py(tr);also cb fract
345.00	347.50	Ssd/Sst	Rbf	lg		fg								ep,vn						core becomes broken; occ <2mm vq & py

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GOLDEN RIDGE
E12/93
DIAMOND DRILL LOGS

GRD9 CONTINUED

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN SIZE	TEXT.	TEXTURE CORE ANG	TEXTURE ORI.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE ANG	VEIN ORI	DESCRIPTION
347.50	348.90	Ssd/Sst	Rbf	lg		fg				py,vn	py,fj			ep,vn						chalky vq and py
348.90	349.70	Ssd/Sst	Rbf	lg		fg				py,vn	py,fj			ep,alt						host brecciated by gy vq and py
349.70	352.20	Ssd/Sst	Rbf	lg		fg				py,vn	py,fj			cb,frac	py,frac					abundant ~2mm vq & cb fract with py
352.20	352.50	Ssd/Sst	Rbf	lg		fg								cb,frac	py,frac					abundant ~2mm vq & cb fract with py. EOH

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PK NO	LAB JOB NO	Au (ppm)	Ppt 1 (ppm)	Ppt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
2.00	3.00	202605	0750	D12959	0.01			6	15	19	<1	<1
3.00	4.00	202606	0750	D12959	2.02	2.13		10	15	10	4	<1
4.00	5.00	202607	0750	D12959	0.92			9	23	3	1	<1
5.00	6.00	202608	0750	D12959	0.90			5	13	4	1	<1
6.00	7.00	202609	0750	D12959	0.31			19	15	19	8	<1
7.00	8.00	202610	0750	D12959	0.41			19	24	22	1	1
8.00	9.00	202611	0750	D12959	0.32	0.29		12	33	23	<1	<1
9.00	10.00	202612	0750	D12959	0.16			22	23	13	2	<1
10.00	11.00	202613	0750	D12959	0.05			10	16	25	8	2
11.00	12.00	202614	0750	D12959	0.27			9	20	8	8	<1
12.00	13.00	202615	0750	D12959	1.03			18	24	16	1	<1
13.00	14.00	202616	0750	D12959	0.50			5	28	6	<1	<1
14.00	15.00	202617	0750	D12959	0.41			17	23	26	6	1
15.00	16.00	202618	0750	D12959	0.26	0.24		9	26	13	4	<1
16.00	17.00	202619	0750	D12959	1.57	1.08		6	14	17	2	<1
17.00	18.00	202620	0750	D12959	0.47			7	12	13	6	<1
18.00	19.00	202621	0750	D12959	0.27			22	13	42	8	<1
19.00	20.00	202622	0750	D12959	0.20			22	23	38	9	2
20.00	21.00	202623	0750	D12959	1.00			9	23	17	5	<1
21.00	22.00	202624	0750	D12959	0.09			11	29	23	1	<1
22.00	23.00	202625	0750	D12959	0.08			15	25	19	3	<1
23.00	24.00	202626	0750	D12959	0.06			19	23	19	3	<1
24.00	25.00	202627	0750	D12959	0.03			24	29	27	1	<1
25.00	26.00	202628	0750	D12959	<0.01			27	28	35	1	<1
26.00	27.00	202629	0750	D12959	<0.01			14	31	13	4	<1
27.00	28.00	202630	0750	D12959	0.05			18	22	14	6	<1
28.00	29.00	202631	0750	D12959	0.02			15	31	28	11	<1
29.00	30.00	202632	0750	D12959	0.07	0.06		21	31	29	1	<1
30.00	31.00	202633	0750	D12959	0.05			20	28	54	<1	<1
31.00	32.00	202634	0750	D12959	<0.01			9	20	70	<1	<1
32.00	33.00	202635	0750	D12959	0.04			11	22	81	5	<1
33.00	34.00	202636	0750	D12959	0.03			13	18	92	14	<1
34.00	35.00	202637	0750	D12959	0.56	0.80		17	9	65	2479	<1
35.00	36.00	202638	0750	D12959	0.22			47	50	28	117	1
36.00	37.00	202639	0750	D12959	0.13	0.14		28	12	69	4	<1
37.00	38.00	202640	0750	D12959	0.02			12	6	100	8	<1
38.00	39.00	202641	0750	D12959	0.09			13	7	85	4	<1
39.00	40.00	202642	0750	D12959	<0.01			11	13	55	3	<1
40.00	41.00	202643	0750	D12959	0.02			16	3	71	12	<1
41.00	42.00	202644	0750	D12959	<0.01			18	5	59	5	<1
42.00	43.00	202645	0750	D12959	0.01			17	4	100	4	<1
43.00	44.00	202646	0750	D12959	<0.01			28	58	34	13	2
44.00	45.00	202647	0750	D12959	0.03			4	6	45	61	<1
45.00	46.00	202648	0750	D12959	0.06			12	5	28	63	<1
46.00	47.00	202649	0750	D12959	0.06			10	22	18	61	<1
47.00	48.00	202650	0750	D12959	0.05			14	40	26	61	<1
48.00	49.00	202651	0750	D12959	0.04			10	5	46	<1	<1

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