

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

HOLE	AMG EAST	AMG NORTH	RL	GRID AZIMUTH	DIP	DEPTH	DATE	GEOLOGIST
GRD908	585907.7	5415374.2	495.73	327.00	-50	238.5	13/02/97	N. CASTLEDEN

SURVEY DEPTH	GRID AZIMUTH	DIP
30.00	334.00	-51.00
60.00	335.00	-51.00
90.00	338.00	-51.00
120.00	339.50	-51.50
150.00	341.00	-50.00
180.00	343.50	-51.50
210.00	345.00	-52.50
238.50	347.00	-53.00

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	HIM	GRAIN SIZE	TEXT. CORE	TEXTURE ANG	TEXTURE ORI.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE	VEIN ORI	DESCRIPTION
0.00	1.70	No Core																		No core
1.70	5.00	Ssd	Rbo	ygy		mg														Partly ox broken snd st. Limonitic fractures ex cb?
5.00	13.00	Ssd	Rbo	ygy		mg														Frac parallel to bedding and angle bedding.
13.00	17.00	Sst	Rbo	lt gy																Bedding 010 018 W
17.00	19.30	Ssd	Rbo	yg-ltgy																Pale med-gr massive sandstone
19.30	21.00	Sst	Rbo	lt gy		fg														
21.00	24.00	Sst	Rbo	ygy		fg														Frac (1:) parallel to bed. Strong limonitic fract.
24.00	27.50	Sst	Rbo	lt gy		fg														
27.50	29.20	Ssd/Sst	Rbp	ltgy-gy		mg														
29.20	29.80	Ssd/Sst	Rbp	ltgy-gy		mg														
29.80	35.70	Ssd/Sst	Rbf	ltgy-gy		mg											Qc,28			1x2cm q/cb: Fract dend(MnO 30.5-33.5). Fine Sndst wth minor silst int-b
35.70	37.00	Ssd	Rbo	lt gy		mg														Limonitic frac ex cb fract
37.00	38.00	Ssd	Rbo	ygy		mg											Qc,40			2cm q/cb V
38.00	39.00	Ssd	Rbo	ygy		mg											Qc,40			2cm q/cb V, 310 75 W
39.00	40.00	Ssd	Rbo	ygy		mg														
40.00	42.90	Ssd	Rbo	ygy		mg														Occasional 1-4mm veinlet.
42.90	43.00	Ssd	Rbo	ygy		mg														42.9, 10cm silicified bx zone (early)
43.00	46.50	Ssd	Rbo	ygy		mg														Strongly fractured core limonite (excb veinlets)
46.50	47.00	Xfg/Ssd	Rbo	y		mg														Limonite fault fractures, fault zone (excb veinlets)
47.00	50.00	Ssd	Rbo	ygy		mg														48.5-53m broken fractur core, limonit clay in fract excb
50.00	52.20	Xfg/Ssd	Rbo	y		mg											Qc,18			Fault zone, minor bx. Strong limonite fractures
52.20	54.00	Ssd	Rbo	ygy		mg														Broken fg Snd St
54.00	57.00	Ssd	Rbp	ygy		mg														
57.00	62.90	Ssd	Rbo	lt gy		mg														
62.90	68.00	Ssd	Rbo	lt gy		mg														
68.00	69.00	Ssd/Sst	Rbo	lt gy		m-fg											Qc,38			Numerous qtz microv at 90 to bed (10/m)
69.00	70.40	aSsd	Rbo	lt gy		m-fg				Py, Mn, tce							Qc,28			Se alt & qtz microveins, 035 82 E
70.40	75.00	Ssd/Sst	Rbo	lt gy		m-fg														Mostly sandstone
75.00	77.50	Ssd/Sst	Rbp	lt gy		m-fg														As above

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21.10.97

**GOLDEN RIDGE  
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DIAMOND DRILL LOGS**

**GRD8 CONTINUED**

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN SIZE	TEXT.	TEXTURE CORE AVG	TEXTURE ORI.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE ANG	VEIN ORI	DESCRIPTION
77.50	80.10	Ssd	Rbp	lt gy		mg														Sandstone
80.10	82.80	Ssd/Sst	Rbp	lt gy		m-fg														Mostly sandstone
82.80	85.10	Ssd/Sst	Rbp	lt gy		m-fg				Sp, Vm, trx	Py, Vm			Si, VM	Ch, VM	Ch	Qs, Qs, ?			Fine fract & Qtz micro v wth Se, Si alt halos (weak)
85.10	87.50	Ssd/Sst	Rbp	lt gy		m-fg														Becoming more fractured and pale, cb fract
87.50	90.20	Ssd/Sst	Rbp	lt gy		m-fg														
90.20	92.60	Ssd/Sst	Rbp	lt gy		m-fg														
92.60	93.00	Ssd/Sst	Rbp	lt gy		m-fg				As, V, ll	Py, V						Qs, 2%			92.6 cmgs vein & alt halo 030 72 W
93.00	96.80	Ssd/Sst	Rbp	lt gy		m-fg														
96.80	98.00	Ssd/Sst	Rbp	lt gy		m-fg														Partly cemented bx zone
98.00	101.00	Sst	Rbp	lt gy		fg														Well bedded siltstone
101.00	102.00	Ssd/Sst	Rbp	lt gy		m-fg														Sandstone, Siltstone beds
102.00	103.00	Ssd/Sst	Rbp	yyg		m-fg														Fault bx
103.00	106.00	Ssd/Sst	Rbp	lt gy		m-fg														105.5 2cm qv: 355 81 E
106.00	107.00	Ssd/Sst	Rbp	lt gy		m-fg														
107.00	108.20	Ssd/Sst	Rbp	lt gy		m-fg														Qs, tr
108.20	108.80	Ssd	Rbp	lt gy		m-fg														
108.80	110.80	Ssd	Rbp	lt gy		m-fg				Py, VM, tr	AsPy, VM			Si, P	Ch, VM	Ch	Vq, 4%			Mostly sandstone
110.80	112.30	Ssd	Rbp	lt gy		m-fg											Vq, 1%			Alt around veins to 2cm sil'n
112.30	114.70	Ssd	Rbp	lt gy		m-fg				Py, VM, tr	AsPy, VM						Vq, 2%			
114.70	119.00	Sst/Ssd	Rbp	lt gy		m-fg				Py, VM, tr	AsPy, VM						Vq, Qs, 3%			115m, v-356d 88d E, 116m bed 005d 32dW, greywacke sequence
119.00	120.00	Sst/Ssd	Rbp	lt gy		m-fg				Py, VM, tr				Si, P			Vq, 1%			119-122.5 zone stack v-2cm ~20/m, minor sulfide tce Vg all
120.00	121.00	Sst/Ssd	Rbp	lt gy		m-fg				As, VM, tce	Py, VM			Ch, VM			Qs, 1%			119-122.5
121.00	122.50	Sst/Ssd	Rbp	lt gy		m-fg														
122.50	126.00	Sst/Ssd	Rbp	lt gy		m-fg														Thin qs veins.
126.00	127.00	Sst/Ssd	Rbp	lt gy		m-fg														
127.00	128.00	Sst/Ssd	Rbp	lt gy		m-fg														Trace v fine Qtz micro bedding 127.5 - 025 22 W
128.00	133.10	Sst/Ssd	Rbp	lt gy		m-fg														
133.10	134.90	Ssd	Rbp	gy-w		mg								Si, P			Vq, 2%	Bx		Silicified
134.90	136.10	Sst	Rbp	lt gy		fg				As, VM, tr	Py, VM						Qs, 2%			Fine sulfidic v to 1cm
136.10	138.30	Ssd	Rbp	w		m/c				As, VM, tr				Si, P			Vq, 4%	Bx		Quartzite / clean ssd fine bx qv
138.30	140.00	Ssd/Sst	Rbp	lt gy		m-fg				As, VM, ll				Si, P			Vq, Qs, 5%			Abund 0.1 - 1cm qv esp in ssd beds.
140.00	141.00	Ssd/Sst	Rbp	lt gy		m-fg				Py, VM, tr							Vq, Qs, 5%			
141.00	142.50	Ssd/Sst	Rbp	lt gy		m-fg														141.09 v0335 76E, 142.4 qv0335 76E
142.50	145.50	Sst	Rbp	lt gy		fg														143.8 qv0335 86E
145.50	146.30	Sst	Rbp	lt gy		fg														145.5 bedding, 45 15 NW
146.30	150.50	Sst/Ssd	Rbp	lt gy		fg														Minor dark cherty fig ssd beds
150.50	152.40	Sst/Ssd	Rbp	lt gy		fg				Py, V, ll	As, VM									Mostly silt fine cherty ssd beds. V-Vq, Qs, Qc
152.40	153.90	Sst/Ssd	Rbp	lt gy		fg														
153.90	156.00	Sst/Ssd	Rbp	lt gy		fg				Py, tr	As									3cm qv tce AsPy
156.00	158.20	Sst/Ssd	Rbp	lt gy		fg														152.4-158.2 fine cb vns & frac minor py frac 4occ qv-0.5cm
158.20	161.00	Sst/Ssd	Rbp	lt gy		fg				Py, Vm, tr	As, V									Minor Qtz AsPy v, tcb fract
161.00	163.50	Sst/Ssd	Rbp	lt gy		fg														
163.50	164.00	Sst/Ssd	Rbp	lt gy		fg														
164.00	165.20	Sst/Ssd	Rbp	lt gy		fg														
165.20	165.80	Sst/Ssd	Rbp	lt gy		fg														
165.80	169.50	Sst/Ssd	Rbp	lt gy		fg														
169.50	173.00	Sst/Ssd	Rbp	lt gy		fg				As, V, ll	Py, VM, l									Zone of qs vnlts 03m, 169.8, 3cm nice vn VG 340d 74d E
173.00	175.50	Sst/Ssd	Rbp	lt gy		fg														
175.50	177.00	Sst/Ssd	Rbp	lt gy		fg														Minor g's - 3cm q/cb bx V 0 76.9

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DIAMOND DRILL LOGS**

**GRD8 CONTINUED**

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN SIZE	TEXT.	TEXTURE CORE	TEXTURE ORI.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE ANG	VEIN ORI	DESCRIPTION
177.00	180.00	Sst/(Sg)	Pbp	lt gy		m-fg														Spot alt clots mafic min. Med gr well bed siltst.
180.00	181.50	Xfg/(Sst)	Rbo	gy		m-fg														Spotty clots mafic mineral. Fault zone.
181.50	184.00	Sst	Rbf	lt gy		m-fg														
184.00	185.50	Xfg/(Sst)	Rbo	gy		m-fg														Sheared fault zone. 184.6 - 185 clay filled box F.
185.50	186.50	Ssg/(Sst)	Rbf	lt gy		m-fg			Py, VM, 1%					Bt	Vm	Vm	Vq, 10%			Zone of qz some sulph biot alt adj to veins.
186.50	187.50	Ssg/(Sst)	Rbf	lt gy		m-fg			As, V, tte					Ch	VM	VM	Qs, 10%			As above
187.50	188.00	Ssg/(Sst)	Rbf	lt gy		m-fg			Sp, VM, 15%											As above
188.00	193.50	Ssg/(Sst)	Rbf	lt gy		m-fg														Banded spotty med gr greywacke or siltstone.
193.50	198.50	Ssg/(Sst)	Rbf	lt gy		m-fg														Minor siltstone cherty bands to 5cm.
198.50	201.00	Ssg/(Sst)	Rbf	lt gy		mg														
201.00	204.40	Ssg	Rbf	lt gy		mg														Bedding 560 14 N
204.40	205.40	Ssg	Rbf	lt gy		mg				Ch	VM	VM								Minor veinlets 1/4m
205.40	207.00	Ssg	Rbf	lt gy		mg														
207.00	208.00	Ssg	Rbf	lt gy		mg														
208.00	210.40	Ssg	Rbf	lt gy		mg														205.8, 2cm laminated chl qz
210.40	210.60	Ssg	Rbf	lt gy		mg														208.3 tce qz & cb & chl veinlets to 4mm
210.60	212.80	Ssg	Rbf	lt gy		mg														Part cemented fault at 90 to core axis
212.80	215.00	Sst/Sed	Rbf	lt gy		mg														
215.00	218.90	Ssg	Rbp	lt gy		mg														Rare 5cm cherty sndst beds minor irreg qtz veinlets
218.90	219.50	Ssg	Rbo	lt gy		mg														Weakly bedded spotty sed
219.50	225.00	Ssg	Rbp	lt gy		mg								Cb, Vn						218.4 - 219.5 bleached, 218.9 10cm bx zone
225.00	228.60	Ssg	Rbp	lt gy		m-fg														221.7, 3x2mm vq 223 bedding - 038 32 W
228.60	232.60	Ssg/Xfg	Rbp	gy		m-fg			Py, Vn, tte											Massive med-fine gr spotty sed
232.60	233.00	Ssg/Xfg	Rbo	lt gy		m-fg														Shatter zone, irreg cb v & fract, cb cemented
233.00	233.50	Ssg/Xfg	Rhp	lt gy		m-fg			Py, V, 2%											230.4 - 231.4
233.50	238.50	Ssg	Rbp	lt gy		m-fg														232.6-233 alt, py, veins
																				233.0 - 20cm P box
																				Massive med-fine grained sed.

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX NO	LAB JOB NO	Au (ppm)	Ppt 1 (ppm)	Ppt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
1.00	2.00	202367	0748	D12906	<0.08			6	11	35	50	<1
2.00	3.00	202368	0748	D12906	<0.08			10	10	42	<1	<1
3.00	4.00	202369	0748	D12906	<0.08			10	9	56	80	<1
4.00	5.00	202370	0748	D12906	0.031			8	12	34	<1	2
5.00	6.00	202371	0748	D12906	0.021			7	8	54	61	<1
6.00	7.00	202372	0748	D12906	<0.08			16	4	72	69	<1
7.00	8.00	202373	0748	D12906	0.128			6	8	70	71	<1
8.00	9.00	202374	0748	D12906	<0.08			9	5	56	<1	<1
9.00	10.00	202375	0748	D12906	<0.08			7	21	44	120	<1
10.00	11.00	202376	0748	D12906	<0.08			7	9	22	79	<1
11.00	12.00	202377	0748	D12906	<0.08			6	9	36	118	<1
12.00	13.00	202378	0748	D12906	0.025	0.020		11	9	51	<1	<1
13.00	14.00	202379	0748	D12906	<0.08			25	7	96	89	<1
14.00	15.00	202380	0748	D12906	<0.08			8	<3	91	50	<1
15.00	16.00	202381	0748	D12906	<0.08			42	62	91	90	<1
16.00	17.00	202382	0748	D12906	<0.08			14	4	79	60	<1
17.00	18.00	202383	0748	D12906	<0.08			12	6	45	70	<1
18.00	19.00	202384	0748	D12906	0.769	0.850		16	26	39	<1	<1
19.00	20.00	202385	0748	D12906	0.045			23	8	66	70	<1
20.00	21.00	202386	0748	D12906	<0.08			34	7	97	60	<1
21.00	22.00	202387	0748	D12906	<0.08			17	8	84	<1	<1

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