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ANNUAL TECHNICAL REPORT  
EXPLORATION LICENCE EL 12/93

SCAMANDER RIVER PROJECT

TASMANIA

*AMS* 21.10.97

Tenement Holder : MPI Gold Pty Ltd  
Operator : MPI Gold Pty Ltd  
Author : Garry Masur  
Date : 9 October 1996

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**CONTENTS**

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1. **INTRODUCTION**
  
2. **WORK COMPLETED DURING THE REPORTING PERIOD**
  - 2.1 **Surveying**
  - 2.2 **Geological Mapping**
  - 2.3 **Drilling**
  
3. **INTERPRETATION OF RESULTS**
  
4. **CONCLUSIONS AND RECOMMENDATIONS**

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**FIGURES**

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1. **Location Plan** **scale as shown**

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**APPENDIX**

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1. **Drill Hole Sample Data and Logs**

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**PLANS**

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1. **Geological Fact Map** **1:1000**
2. **Drill Hole Location Plan** **1:500**
- Golden Ridge Transverse Cross Sections**
3. **Northeast Section** **1:500**
4. **Central Section** **1:500**
5. **Southwest Section** **1:500**

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**ANNUAL TECHNICAL REPORT ON EL 12/93**

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**Title** : Annual Technical Report on the Scamander River Project for the period ending 12 October 1997

**Tenement** : EL 12/93  
MPI Gold Pty Ltd  
1 Walker Avenue  
WEST PERTH WA 6005

**Commodities** : Gold, Base Metals

**Key Words** : Gold, Exploration, Geological Mapping, Diamond Drilling

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**SUMMARY**

This report details exploration activities undertaken by MPI Gold Pty Ltd on EL 12/93 – Scamander River Project for the year ending 12 November 1997. This work has involved geological mapping and diamond drilling at the Golden Ridge Prospect.

## 1. INTRODUCTION

This report details exploration activities undertaken by MPI Gold Pty Ltd on EL 12/93 Scamander River Project during the year to 12 October 1997. This is the third annual report on the tenement.

The Scamander River EL 12/93 is located in northeastern Tasmania, 20km west of St. Helens and 70 km east of Launceston (Figure 1). The tenement was granted to MPI Gold Pty Ltd on 12 October 1993.

MPI has carried out geological mapping of the Scamander River prospect in order to gain a better understanding of the geology and structure of the area. Four diamond holes (GRD 7 – GRD 10) were drilled to follow up on vein hosted mineralisation intersected in previous diamond drilling programmes. An existing diamond hole (GRD 3) has been extended (GRD 3A) with the aim of intersecting a mineralised trend which had not yet been discovered at the time GRD 3 was drilled.

The details of previous work carried out MPI is contained in the annual reports for 1995 and 1996.

## 2. WORK COMPLETED DURING THE REPORTING PERIOD

### 2.1 Surveying

East Coast Surveying of St. Helens were contracted to survey a 50m x 50m to 50m x 25m grid of the Scamander River project area in preparation for geological mapping and diamond drilling. All pegs are labelled with AMG eastings and northings, and a relative level (RL).

### 2.2 Geological Mapping

A mapping exercise was undertaken at the Scamander River project area to map in detail the geology and structure of the area. Plan 2 shows fact mapping with interpreted structural geology and geochemistry at 1:1000 scale.

The results of this exercise indicate that interbedded siltstone and sandstone units host two main trends of quartz lode mineralisation. One trend strikes at approximately 040° which is the dominant orientation of workings on Golden Ridge, exploiting a quartz breccia type lode. The other orientation is approximately 130° and is predominately a fracture set filled by laminated quartz veins.

MT. YOUNG

5420 000 N

5415 000 N

580 000 E

590 000 E

To St Helens

To Fingal and  
Mullanna

RISKY RIDGE

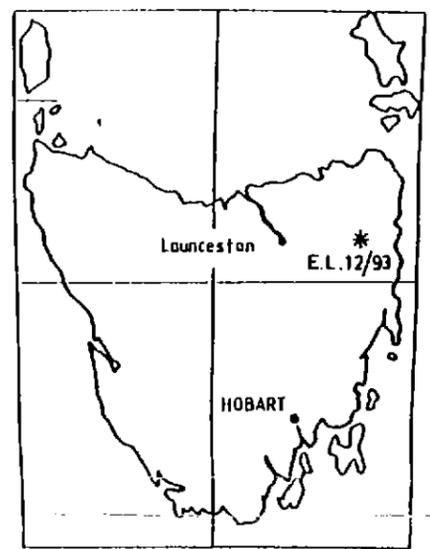
DOUBLE EVENT

TRAFALGAR HOGANS ROAD

GOLDEN RIDGE  
GOLDEN RIDGE  
BRILLIANT

QUEEN OF THE EARTH

Queen of the Earth  
Creek



274007

5 cm

✕ ABANDONED MINE  
 ——— SOIL SAMPLE TRAVERSE

FIGURE 1

MPI GOLD PTY LTD		
E.L. 12/93 GOLDEN RIDGE		
LOCATION PLAN		
AUTHOR : R. POLTOCK	OFFICE : TAS	DRAWING No.
DRAWN : O'NEEDITCH	DATE : 8 94	
REVISED :	DATE :	
SCALE : 1:50 000		

The sandstone units have been metamorphosed to quartzite at some locations.

**2.3 Drilling**

A diamond drilling program comprising four holes (GRD 7 – GRD 10) as well as an extension on a pre-existing hole (GRD 3A) were completed during this reporting period. A total of 1211.2 m were drilled.

Drill logs are presented in Appendix 1.

Drill hole locations are illustrated on Plan 2 and drill hole sections are illustrated in Plans 3, 4 and 5.

Previous work undertaken by MPI comprised six diamond drill holes which intersected a zone of high grade gold mineralisation apparently related to vertical to sub-vertical veining within sandstone layers. Where the structure intersects finer-grained lithologies mineralisation is more diffuse and of lower grade.

GRD 6 returned the most promising results in previous drilling. The high-grade quartz-carbonate hosted gold mineralisation intersected in this hole was subsequently the target for the drilling completed during this reporting period.

A summary of drilling completed during the reporting period is presented below.

<b>Hole</b>	:	<b>GRD 3A</b>
<b>Collar</b>	:	5415548.33mN, 585878.10mE
<b>Orientation</b>	:	-60°→148° (mag)
<b>Depth</b>	:	148m – 211.5m
<b>Best Results</b>	:	4m @ 1.48 g Au/t from 145m
		3m @ 3.17 g Au/t from 152m
		3m @ 3.77 g Au/t from 165m

<b>Hole</b>	:	<b>GRD 7</b>
<b>Collar</b>	:	5415370mN, 585908mE
<b>Orientation</b>	:	-60°→317°(mag)
<b>Depth</b>	:	250.5m
<b>Best Results</b>	:	4m @ 2.69 g Au/t from 167m
		11m @ 1.55 g Au/t from 167m (0.5 g cut)

**Hole** : **GRD 8**  
**Collar** : 5415370mN, 585908mE  
**Orientation** : -51°→320°(mag)  
**Depth** : 238.5  
**Best Results** : 1m @ 3.69 g Au/t from 123m  
 1m @ 8.98 g Au/t from 167m

**Hole** : **GRD 9**  
**Collar** : 5415540mN, 585781mE  
**Orientation** : -60°→133°(mag)  
**Depth** : 352.5m  
**Best Results** : 1m @ 15.62 g Au/t from 80m  
 8m @ 1.42 g Au/t from 297m  
 1m @ 20.50 g Au/t from 319m  
 4m @ 1.09 g Au/t from 325m  
 1m @ 5.46 g Au/t from 336m

**Hole** : **GRD 10**  
**Collar** : 5415370mN, 585908mE  
**Orientation** : -60°→316.5°(mag)  
**Depth** : 306.2  
**Best Results** : 6m @ 1.47 g Au/t from 157m  
 5m @ 7.8 g Au/t from 201m

Analyses were carried out by Analabs in Burnie. All holes were fire assayed for Au (Analabs Method: GG309 – 1ppb cut off) using one metre, half core samples. Samples were also assayed for As (Analabs Method: HA140), and for Cu, Pb, Zn and Ag (Analabs Method: GA140).

Assay results are contained in Appendix 1.

### 3. INTERPRETATION OF RESULTS

GRD 3A was drilled to test the extent of mineralisation intersected in the last metre of GRD 3 (147m–148m: 1.307 g/t). Results received from GRD 3A were disappointing in that the zones of narrow sulphidic quartz veining the (approximately 10m width) did not hold together at grades of greater than 1 g/t Au. Two 3m zones returning greater than 3 g Au/t were recorded.

GRD 7 was drilled to test the high grade zone 40m up dip from its intersection in GRD 6. A zone of narrow quartz veins and bleaching from 128.5m to 133.5m and a carbonate breccia/vein zone from 146m to 152m appear to correlate with the up dip extrapolation of the high grade lode intersected in GRD6. Isolated specks of visible gold were observed in some narrow veins. A weak zone of thin quartz veining was intersected from 170.5 to 200m down hole.

GRD 8 was drilled to intersect the eastern zone 40m up dip from GRD 7. Two zones of thin quartz veins with isolated specks of visible gold were intersected from 108m to 125m and from 125m to 135m.

GRD 9 was designed to test the eastern zone 40m to the south of section 2. Mineralisation was intersected from 150m down hole and became more strongly developed down the hole. From 290m to 320m numerous fine veins, bleaching and two intensely veined and sulphidised zones were intersected. The intensely veined zones from 295m to 298m and 319.5m to 321m both include >50% quartz-carbonate veins with abundant galena, sphalerite and arsenopyrite and trace visible gold and appear similar to the style of intense veining noted in the high grade zone of GRD 6.

GRD10, the deepest hole on Plan 4 intersected 5m @ 7.80 g Au/t from 201m including 1m @ 29.2 g Au/t. It is interpreted that this zone sits adjacent to but is not the down dip extension of high grade mineralisation intersected in GRD 6.

#### 4 CONCLUSIONS AND RECOMMENDATIONS

The results of work carried out during this reporting period indicate that there remains potential for high grade quartz-carbonate vein hosted gold mineralisation at Golden Ridge to continue down dip and along strike to the southwest. Follow-up diamond drilling is required to more clearly define the grade and extent of these zones.

Wider anomalous zones have been discovered closer to surface and may be more clearly defined with RC drilling.

  
GARRY MASUR

# Appendix 1

AGE		LITHOLOGY - REGOLITH		LITHOLOGY - SAPROLITE		LITHOLOGY - SEDIMENTARY	
Item Code	Description	Item Code	Description	Item Code	Description	Item Code	Description
Q	Quaternary	T cc	Transported Calcrete	R cc	Residual calcrete	S	Undifferentiated sedimentary rock
T	Tertiary	T fe	Transported Ironstone	R gs	gossan	Sbif	Banded iron formation
K	Cretaceous	T gl	Transported Gravel	R ll	Residual laterite	Sbsh	Black Shale
J	Jurassic	T ll	Transported Laterite	R sc	Silica cap	Sc	Conglomerate
R	Triassic	T sc	Transported Silcrete	R sf	Saprolite ferruginous zone	Sct	Chert
Pm	Permian	Tcl	Transported Clay	R sm	Saprolite mottled zone	Sgr	Greywacke
C	Carboniferous	Thp	Transported hardpan	R sp	Undifferentiated Saprolite	Sq	Quartzite
D	Devonian	Tlcl	Lacustrine Clay	R sp	Saprolite - pallid zone	Sqps	Quartz-pyrite-sericite schist
S	Silurian	Tob	Transported overburden undifferentiated			Ssa	Arkose
O	Ordovician	Tsd	Transported Sand			Ssd	Sandstone
Cm	Cambrian	Tst	Transported Silt			Ssh	Shale
P	Proterozoic					Sst	Siltstone
A	Archaean						

WTHG		MINERALS							
Item Code	Description	Item Code	Description	Item Code	Description	Item Code	Description	Item Code	Description
Rbf	Fresh Unoxidised Bedrock	ab	Albite	cr	Chrysotile	he	Hematite	pl	Plagioclase
Rbo	Partially Oxidised Bedrock	ac	Actinolite	ct	Cordierite	id	Iddingsite	px	Pyroxene
Rcc	Residual Calcrete	ad	Andalusite	di	Diopside	kf	K-feldspar	qu	Quartz
Rll	Residual Laterite	am	Amphibole	en	Eustatite	li	Limonite	se	Sericite
Rsc	Residual Silcrete	an	Antigorite	ep	Epidote	lz	Lizardite	si	Siderite
Rsf	Residual Saprolite - Ferruginous	bi	Biotite	fe	Iron	mg	Magnesite	sp	Serpentine
Rsm	Residual Saprolite - Mottled	br	Bronzite	fu	Fuchsite	mn	Manganese	st	Stichtite
Rsp	Residual Saprolite - Pallid	ca	Carbonate	gn	Garnet	ml	Magnetite	ta	Talc
Rss	Residual Saprolite - Silicified	cc	calcite	gp	Gaspeite	nu	Muscovite	tr	Tremolite
Rsv	Saprock - Variagated	cd	Crocidolite	gr	Graphite	ol	Olivine		
Tob	Transported overburden undifferentiated	ch	Chlorite						

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**THIOLOGY - MISCELL.**

Item Code	Description
Xcc	Calcrete (undifferentiated)
Xcl	Clay (undifferentiated)
Xsc	Silcrete (undifferentiated)
Xlt	Laterite (undifferentiated)
Xvo	Void
Xsf	Stope fill
Xco	Contamination
Xmn	Mullock
Xno	No sample return
Xal	Alteration assemblage
Xms	Massive sulphide
Xbx	Breccia
Xmy	Mylonite
Xfg	Fault gouge

**LITHOLOGY - IGNEOUS**

Item Code	Description	Item Code	Description	Item Code	Description	Item Code	Description
F	Felsic rock - undifferentiated	I	Intermediate rock - undifferentiated	Mcse	Carbonate - sericite rock		
F mu q k	Muscovite, quartz, kaolin schist	Iad	Andesite	Md	Dolerite		
F qfg	Quartz feldspar gneiss	Id	Diorite	Mdgr	Dolerite -granophyric		
Fag	Pyroclastic Agglomerate	Ign	Intermediate gneiss - undifferentiated	Mdq	Quartz dolerite		
Fbx	Pyroclastic breccia	Iln	Lamprophyre	Mgb	Gabbro		
Fd	Dacite	Ilt	Latite	Msch	Mafic schist		
Fg	Granite	Iun	Monzonite	U	Undifferentiated ultramafic rock		
Fgd	Granodiorite	Isch	Intermediate schist - undifferentiated	Uha	Harrisite		
Fgn	Felsic gneiss undifferentiated	Isy	Syenite	Ukm	Komatiite		
Fli	Lithic tuff	Itr	Trachyte	Uoc	Olivine cumulate		
Fp	Porphyry	M	Undifferentiated mafic rock	Uogc	Olivine adcumulate		
Fpg	Pegmatite	Mah	Anorthosite	Uonc	Olivine mesocumulate		
Fqss	Sericite, quartz schist	Mam	Amphibolite	Uooc	Olivine orthocumulate		
Fr	Rhyolite	Mb	Basalt	Uosx	Olivine spinifex rock		
Fsch	Felsic Schist undifferentiated	Mblm	Basalt-high magnesium	Upc	Pyroxene cumulate		
Fta	Ash Tuff	Mbiac	Biotite-actinolite schist	Upsx	Pyroxene spinifex rock		
Ftl	Lapilli Tuff	Mchs	Chlorite schist	Upx	Pyroxenite		
				Usp	Serpentinite		
				Utc	Talc-carbonate		
				Utrch	Tremolite-Chlorite rock		

rose 3 Sericite schist

**LPHIDES**

Code	Description	Item Code	Description
as	Arsenopyrite.	sb	Sibnite
cp	Chalcopyrite.	sp	Sphalerite.
ga	Galena.	vi	Violarite.
mi	Millerite.		
pn	Pentlandite.		
po	Pyrrhotite.		
py	Pyrite.		

**GRAIN SIZE**

Item Code	Description
fg	Fine grained
mg	Medium Grained
cg	Coarse Grained

**SULPHIDE - STYLE**

Item Code	Description
bx	Breccia
di	disseminated
fj	Fracture or joint
fm	Fracture or joint margins
la	Laminated
ma	Massive
ma	matrix
sm	Semi massive
st	Stringer
vm	Vein margins
vn	Veins

**COLOUR**

Item Code	Description
bg	Blue green
bl	Blue
br	Brown
bu	Buff
by	Blue grey
cr	Cream
db	Dark brown
dg	Dark green
gg	Grey-green
gr	Green
gy	Grey
kl	Khaki
lb	Light brown
lg	Light green
ob	Orange Brown
or	Orange
pg	Purple-green
pk	Pink
pu	Purple
re	Red
tn	Tau
wh	White
yb	Yellow-brown
ye	Yellow

**ALTERATION - STYLE**

Item Code	Description
f	Fracture
p	Pervasive
v	Vein

**Note:** Prefix for alteration:  
**S:**strong intensity,  
**M:**moderate intensity  
**W:**weak intensity

**TEXTURE**

Item Code	Description
ac	Acicular
ad	Adcumulate
am	Amygdaloidal
ap	Aphanitic
ba	Banded
be	Bedded
bl	Bladed
bx	Brecciated
cb	Cross bedded
cu	Cumulate
fl	Flow Texture
fr	Friable
gb	Graded bedding
gr	Granular
la	Laminated
mc	Mesocumulate
no	Nodular
oc	Orthocumulate
op	Ophitic
pe	Pegmatoidal
pi	Pillowed
po	Porphyritic
ps	Pisolitic
ra	Radiating Clusters
re	Reticulate
sp	Spherulitic
sx	Spinifex
sxb	Stringy beef spinifex
sxf	Flow top
sxp	Platy spinifex (A3)
sxr	Random spinifex (A2)
va	Variolitic
ve	Vesicular

**FABRIC**

Item Code	Description
nfo	Moderately foliated
mmr	Massive
msc	Moderately schistose
msh	Moderately sheared
myl	Mylonitic
sfo	Strongly foliated
ssc	Strongly schistose
ssh	Strongly sheared
wfo	Weakly foliated
wsc	Weakly schistose
wsh	Weakly sheared

**VEIN**

Item Code	Description
bg%	Blue / Grey Quartz Vein with percent
bq%	Bucky Quartz Vein with percent
fq%	Ferruginous Quartz Vein with percent
lq%	Laminated Quartz Vein with percent
mq%	Massive Quartz Vein with percent
qc%	Quartz and Carbonate Vein with percent
qs%	Sulphidic Quartz Vein with percent
sm%	Sulphidic Quartz Vein. Sulphides on Margins of the Vein with percent
vq%	Vuggy Quartz Vein with percent

224014

**GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS**

HOLE	AMG EAST	AMG NORTH	RL	GRID AZIMUTH	DIP	DEPTH	DATE	GEOLOGIST
GRDC03A	585870.3	5415540.7	527.59	161.00	-60	211.5	29/01/97	D.FRANCES

SURVEY DEPTH	GRID AZIMUTH	DIP
0.00	161.00	-60.00
60.00	158.00	-59.00
90.00	160.00	-59.00
120.00	161.00	-59.50
148.00	161.00	-59.00
209.00	165.00	-61.00

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN SIZE	TEXT.	TEXTURE CORE	TEXTURE ANG	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE	VEIN ANG	VEIN ORI	DESCRIPTION
148.00	149.00	Sat/Ssd		GY		FG											Qu	53	200		Siltstone + minor Sandstone & Qtz lithic??
149.00	152.50	Sat/Ssd		GY		FG															As above
152.50	153.00	Sat/Ssd		GY		FG								Si							
153.00	154.00	Sat/Ssd		GY		FG											Qu				
154.00	155.00	Sat/Ssd		GY		FG				AsPy, V, 11	Ga, V					Qu					154.3 minor visible Au
155.00	159.00	Sat/Ssd		GY		FG															
159.00	160.00	Sat/Ssd		GY		FG											Qu	50	245		
160.00	162.00	Sat/Ssd		GY		FG															
162.00	163.00	Sat/Ssd		GY		FG				Sph							QuCO3	65	230		Brecciated QC vein
163.00	165.00	Sat/Ssd		GY		FG															164.5 - 167.5 Silicified OSd & Qtz vein Py & AsPy
165.00	166.00	Sat/Ssd		GY		FG				Py, dis											
166.00	167.00	Sat/Ssd		GY		FG				AsPy, V/dis											
167.00	170.00	Sat/Ssd																			
170.00	171.00	Sat/Ssd				FG				AsPy, dis, 11											
171.00	173.00	Sat/Ssd				FG															
173.00	174.00	Sat/Ssd				FG				Py, dis											
174.00	175.00	Sat/Ssd				FG	E, L			AsPy	Ga										Lineation 17° - 330°. 175° fault surface
175.00	176.00	Sat/Ssd				FG				Py	Sph										175.4 - 177 brecciated OSsd & Qu vein
176.00	177.00	Sat/Ssd				FG				V, 1-21				Si, P			Qu	30	220, 50		
177.00	178.00	Sat		GY		VFG	1a	Sc	50 000									50 000			Sil/u & Sulph
178.00	189.30	Sat																			181.4-182.5 Fault - Broken ground bogged rods
189.30	192.00	Sat																			189.3 - 3cm fault.
192.00	193.00	Sat					F			70 140	Py, <11										EOH occasional thin QuCO3 vein & pyrite
193.00	211.50	Sat															QuCO3	70	140		EOH 211.5m

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PK LAB	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
148.20	149.00	202051	0745 D12768	2.365			28	29	86	11.4	
149.00	150.00	202052	0745 D12768	0.204			26	25	97	19.1	
150.00	151.00	202053	0745 D12768	0.831			20	25	58	-	
151.00	152.00	202054	0745 D12768	0.737			16	19	75	36.7	
152.00	153.00	202055	0745 D12768	1.158			15	45	92	-	
153.00	154.00	202056	0745 D12768	1.166			14	47	115	26.9	

CONTINUED...

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**GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS**

**GRD3A CONTINUED**

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX NO	LAB JOB NO	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
154.00	155.00	202057	0745	D12768	7.170			22	82	167	45.5	
155.00	156.00	202058	0745	D12768	0.139			19	21	78	31.7	
156.00	157.00	202059	0745	D12768	0.339			19	26	66	17.6	
157.00	158.00	202060	0745	D12768	0.172			19	15	85	21.5	
158.00	159.00	202061	0745	D12768	0.512			17	28	83	9.6	
159.00	160.00	202062	0745	D12768	0.159			18	13	96	17.3	
160.00	161.00	202063	0745	D12768	9.163			17	27	93	18.4	
161.00	162.00	202064	0745	D12768	1.496			24	49	88	11.5	
162.00	163.00	202065	0745	D12768	0.618			22	56	69	12.4	
163.00	164.00	202066	0745	D12768	0.026			19	11	66	-	
164.00	165.00	202067	0745	D12768	0.023			30	2	87	39.7	
165.00	166.00	202068	0745	D12768	6.767			31	97	178	11.4	
166.00	167.00	202069	0745	D12768	0.398			25	6	87	10.5	
167.00	168.00	202070	0745	D12768	4.130			28	39	89	12.8	
168.00	169.00	202071	0745	D12768	0.593			22	2	73	38.6	
169.00	170.00	202072	0745	D12768	0.272	0.206		22	20	81	18.1	
170.00	171.00	202073	0745	D12768	0.111			23	16	97	49.9	
171.00	172.00	202074	0745	D12768	0.279			23	2	83	-	
172.00	173.00	202075	0745	D12768	0.021			25	2	82	-	
173.00	174.00	202076	0745	D12768	0.115			31	2	75	28.1	
174.00	175.00	202077	0745	D12768	0.047			31	2	76	-	
175.00	176.00	202078	0745	D12768	0.031			21	2	72	44.4	
176.00	177.00	202079	0745	D12768	1.664			29	2	57	20.1	
177.00	178.00	202080	0745	D12768	1.001			46	32	90	10.4	
178.00	179.00	202081	0745	D12768	0.830			19	10	94	25.0	
179.00	180.00	202082	0745	D12768	0.305			18	9	93	26.6	
180.00	181.00	202083	0745	D12768	0.082			17	6	96	40.6	
181.00	182.00	202084	0745	D12768	0.041			13	2	81	22.5	
182.00	183.00	202085	0745	D12768	0.015			14	2	77	23.1	
183.00	184.00	202086	0745	D12768	<0.008			18	2	92	9.0	
184.00	185.00	202087	0745	D12768	0.017			33	2	90	5.1	
185.00	186.00	202088	0745	D12768	0.042			18	2	92	8.8	
186.00	187.00	202089	0745	D12768	<0.008			21	2	94	4.3	
187.00	188.00	202090	0745	D12768	<0.008			103	2	91	5.7	
188.00	189.00	202091	0745	D12768	<0.008			63	2	85	3.0	
189.00	190.00	202092	0745	D12768	<0.008			42	2	91	12.3	
190.00	191.00	202093	0745	D12768	0.008			40	2	91	4.5	
191.00	192.00	202094	0745	D12768	0.040			29	14	93	2.8	
192.00	193.00	202095	0745	D12768	<0.008			13	8	95	4.4	
193.00	194.00	202096	0745	D12768	0.012			105	2	99	2.8	
194.00	195.00	202097	0745	D12768	0.009	0.021		25	2	87	15.7	
195.00	196.00	202098	0745	D12768	<0.008			12	2	116	14.3	
196.00	197.00	202099	0745	D12768	0.086			15	2	100	24.4	
197.00	198.00	202100	0745	D12768	2.238			24	35	165	15.6	
198.00	199.00	202101	0745	D12768	0.538			162	2	108	44.9	
199.00	200.00	202102	0745	D12768	0.180			63	2	106	47.1	
200.00	201.00	202103	0745	D12768	0.086			22	21	128	-	
201.00	202.00	202104	0745	D12768	<0.008			27	2	98	16.5	
202.00	203.00	202105	0745	D12768	<0.008			22	2	105	13.8	
203.00	204.00	202106	0745	D12768	0.012			34	2	101	10.1	
204.00	205.00	202107	0745	D12768	0.013			29	2	95	5.1	
205.00	206.00	202108	0745	D12768	<0.008			20	2	98	5.5	
206.00	207.00	202109	0745	D12768	<0.008			22	21	103	25.2	
207.00	208.00	202110	0745	D12768	<0.008			24	2	90	26.5	
208.00	209.00	202111	0745	D12768	<0.008			30	17	87	24.9	
209.00	210.00	202112	0745	D12768	<0.008	0.015		42	2	107	31.8	
210.00	211.00	202113	0745	D12768	<0.008			42	2	102	29.5	
211.00	211.50	202114	0745	D12768	0.058			37	20	114	-	

274016

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

224017

HOLE	AMG EAST	AMG NORTH	RL	GRID AZIMUTH	DIP	DEPTH	DATE	GEOLOGIST
GPD007	585908.0	5415373.6	495.92	327.00	-60	250.5	03/02/97	D.FRANCES

SURVEY DEPTH	GRID AZIMUTH	DIP
24.00	331.00	-60.00
57.00	336.00	-60.50
90.00	338.00	-61.00
120.00	341.00	-61.00
150.00	344.00	-62.00
180.00	346.00	-63.00
211.50	348.00	-63.00
240.50	348.50	-63.50

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
0.00	2.70	No Core																		No core only pad fill.
2.70	3.00	Ssd		gy		FG											Fr			Fe filled & stained / Fracture fs Snd St, Fe fracturing
3.00	6.00	Ssd															Qu	45		6.1m <1cm Qu vein
6.00	7.00	Ssd																		7.5 - 9.6 fractured Ossid
7.00	8.00	Ssd					Fr	45												As above
8.00	9.00	Ssd																		As above
9.00	10.0	Ssd																		Ori 10.6m
10.00	11.0	Ssd					So		25 290											Interbedded Sst/Slt layers <1m thick.
11.00	12.0	Sst/Ssd																		15.5 contorted lamination in OSst
12.00	15.0	Sst/Ssd																		
15.50	16.0	Sst/Ssd																		
16.00	20.0	Sst/Ssd																		
20.00	21.0	Sst/Ssd																		20.7 HQ - NQ
21.00	24.0	Sst/Ssd																		
24.00	25.0	Sst/Ssd					S		15 040											24.5 - 25 Dendritic Mn growths
25.00	26.0	Sst/Ssd																		25.5 Slight clear band 3cm/24.5 - 25 Dendritic Mn growths
26.00	27.0	Sst/Ssd																		24.5 - 25 Dendritic Mn growths going Ossid
27.00	28.0	Ssd		gy		Qu fg														Qu lithic
28.00	29.0	Ssd		gy		lith														
29.00	34.0	Ssd		gy																
34.00	35.0	Ssd		gy																34.5 ori
35.00	38.0	Ssd		gy																
38.00	39.0	Ssd		cr		Qu fg														Cream ossd
39.00	40.0	Ssd																		Qu
40.00	42.0	Ssd																		
42.00	43.0	Ssd																		
43.00	45.0	Ssd																		42 - highly fractured core Fe stained fractures
45.00	48.0	Ssd																		Minor quartz veining @ 44.7.
48.00	49.0	Ssd												Si						
49.00	50.0	Ssd																		48 - 49 brecciated Ossid, Silic'n minor
50.00	51.0	Ssd		cr		fg														
51.00	55.0	Ssd																		Fractured (Fe stained) ossd
55.00	60.0	Ssd		gy																

CONTINUED...

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD7 CONTINUED

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	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
60.0	61.0	Ssd		gy													QF	45		1cm veggy Fe Qu veins conjugate to fracture set
61.0	65.0	Ssd		gy																
65.0	66.0	Ssd/Sst		gy																
66.0	67.0	Ssd/Sst					So		SV 030											
67.0	71.0	Ssd/Sst																		
71.0	71.3	Ssd/Sst					F	45												67.5 ori. Interbedded sand, silt -1m thick
71.3	75.0	Ssd/Sst																		10cm fault 45 TCA. Clay filled Ossat
75.0	80.0	Sst/Ssd																		76.5 ori
80.0	81.0	Sst/Ssd					So	45		AsPy, dis, <1%										80.5 fracturing perpend to SO & minor AsPy diss
81.0	82.0	Sst/Ssd					F	90° to So												
82.0	91.0	Sst/Ssd												Si						
91.0	92.0	Sst/Ssd																		51.5 ori, 91.4 - 91.6 fractured silicified, bleached Ossd
92.0	96.0	Sst/Ssd																		
96.0	97.0	Sst/Ssd					F	0		Py, V, <1%							Qu	0/45		96-97 fract & vein (Q), 11+45 TCA. Minor Py in vein
97.0	98.0	Sst/Ssd								AsPy, V, dis, 3%							Qu	30		97.8 QV 30 TCA, 3% AsPy & minor Py
98.0	99.0	Sst/Ssd								Py, V, <1%										
99.0	100.0	Sst/Ssd																		
100.0	103.0	Sst/Ssd				gy	m-fg													
103.0	104.4	Sst/Ssd								Py, dis/V, 1%										104 - bedding 008 18 west parrallel to bed
104.4	105.5	Ssd																		
105.5	106.0	Ssd		lt gy		mg														
106.0	106.5	Ssd		lt gy		mg														
106.5	107.8	Ssd		lt gy		mg								Si						Silicified, greenish
107.8	110.4	Ssd		lt gy		mg														109.6, 2cm Qu
110.4	112.0	Sst/Ssd		gy																Bq, 1%
112.0	115.8	Sst/Ssd		gy																
115.8	116.4	Sst/Ssd		gy						Py, V, tre										
116.4	117.0	Sst/Ssd		gy						AsPy, V, tre										
117.0	118.0	Sst/Ssd		gy																
118.0	119.0	Sst/Ssd		gy																
119.0	120.0	Sst/Ssd		gy																
120.0	121.0	Sst/Ssd		gy																
121.0	125.0	Sst/Ssd		gy																
125.0	127.3	Sst/Ssd		gy		m-fg														
127.3	129.0	Sst/Ssd		gy		f				Py, V, tr	AsPy, V									
129.0	132.2	Sst/Ssd		gy		f														
132.2	135.0	Sst/Ssd		gy																
135.0	136.0	Sst/Ssd		gy																
136.0	139.7	Sst/Ssd		gy																
139.7	140.9	Ssd				vf														
140.9	146.0	Sst/Ssd																		
146.0	146.5	Sst/Ssd																		
146.5	148.0	Sst/Ssd																		
148.0	150.7	aSt/Sd St				m-fg														
150.7	151.2	Sst/Ssd	Rbf	lt gy		m-fg														
151.2	151.6	Sst/Ssd	Rbf	lt gy		m-fg														
151.6	159.0	Sst/Ssd	Rbf	lt gy		m-fg														
159.0	160.0	Sst/Ssd	Rbf	lt gy		m-fg														
160.0	163.5	Sst/Ssd	Rbf	lt gy		m-fg														

CONTINUED...

274018

21.10.97

**GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS**

**GRD7 CONTINUED**

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	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 ANG	VEIN ORI	DESCRIPTION
163.5	165.4	Sst/Ssd	Rbf	lt gy		m-fg								ch/bt,spt						163.5 bedding 040, 14W
165.4	167.0	Sst/Ssd	Rbf	lt gy		m-fg			As,V,18					ch/bt,spt			Qs			Sulf qv 024 86E, 335 84E
167.0	168.0	Sst/Ssd	Rbf	lt gy		m-fg			Sp,V,tre					ch/bt,spt						
168.0	168.5	Sst/Ssd	Rbf	lt gy		m-fg			Ga,V,tre					ch/bt,spt						
168.5	169.8	Sst/Ssd	Rbf	lt gy		m-fg								ch/bt,spt						
169.8	170.8	Sst/Ssd	Rbf	lt gy		m-fg			As,V,28					Se,VM			Qs,38			
170.8	171.8	Sst/Ssd	Rbf	lt gy		m-fg			Sp,tre					Se,VM			Qs,38			
171.8	172.8	Sst/Ssd	Rbf	lt gy		m-fg			Ga					Se,VM			Qs,38			
172.8	174.0	Sst/Ssd	Rbf	lt gy		m-fg											Qs/Bq,18			
174.0	175.0	Ssg	Rbf	dk gy		mg											+C,18			Becoming more massive, less banding.
175.0	176.5	Ssg		dk gy		mg											Qs,18			Rate min qv massive greywacke
176.5	177.0	Ssg		dk gy		mg											Cb,tr			Rare cb microfract
177.0	180.5	Ssg		dk gy		mg											Cb,tr			
180.5	181.2	Ssg		dk gy		mg			As,V,18	Sph,V				Se,VM			Qs,28			180.5 - 181.2 minor min'qv
181.2	185.0	Ssg		dk gy		mg														Massive greywacke
185.0	186.0	Ssg		dk gy		mg														185.8 qtz - sulph v 1cm
186.0	189.3	Ssg		dk gy		mg														
189.3	190.0	aSsg		dk gy		mg			Py,D,tr											189.3 sericitic, bleached
190.0	191.7	aSsg		dk gy		mg								Se						
191.7	193.8	aSsg		dk gy		m-fg			As,V,tre	Sph,V	Ga,V	Ga,V								3 x sulfitic qv's to 1cm
193.8	196.8	Ssg		dk gy		m-fg														End of massive spotted greywacke
196.8	199.1	Sst/Ssd		dk gy		m-fg								Ch,F						
199.1	200.0	Sst/Ssd		dk gy		m-fg														
200.0	202.2	Sst/Ssd	Rbf	lt gy		m-fg														Ssd beds 200.5 - 200.65, 202.1 - 202.2 (dk cherty vf ssd)
202.2	203.0	Sst/Ssd	Rbf	lt gy		m-fg														202.5-202.8 pale (ssd) beds & x bedded pale ssd
203.0	206.0	Sst/Ssd	Rbf	lt gy		m-fg														
206.0	212.5	Sst/Ssd	Rbf	lt gy		m-fg			As,V,tre											206.0 bedding - 035 18 W
212.5	212.8	QuV	Rbf	lt gy		m-fg														30cm bgv bedding parallel! 040 12 W
212.8	212.9	Sst/Ssd	Rbf	lt gy		m-fg														Sd bed at 212.8 - 212.9
212.9	219.0	Sst/Ssd	Rbf	lt gy		m-fg														
219.0	219.5	Sst/Ssd	Rbf	lt gy		m-fg														Crs spotting. Bedding 215.0 045 13W
219.5	220.0	Sst/Ssd	Rbf	lt gy		m-fg														
220.0	221.3	Sst/Ssd	Rbf	gy		m-fg														
221.3	222.5	Sst/Ssd	Rbo	lt ygy		m-fg														Bq,Cb,18
222.5	225.0	Sst/Ssd	Rbf	gy		m-fg														
225.0	226.5	Sst/Ssd	Rbf	lt gy		m-fg														Cb,18
226.5	229.8	Ssg	Rbo	ygy		mg														Well bedded ssf/ssd
229.8	231.8	Xf/Sst	Rbo	lt gy		m-fg														Massive greywacke increasing fracturing
231.8	233.0	Ssg/Sst	Rbo	lt gy		m-fg														Fault cb cement bx party ox, 090 62.5
233.0	233.4	Ssg/Sst	Rbo	lt gy		m-fg														Fractured core
233.4	234.0	Xf/Sst	Rbo	lt gy		m-fg														Cb,18
234.0	241.5	Sst/Ssd	Rbo	gy		m-fg														Cb,48
241.5	242.0	Sst/Ssd	Rbf	gy		m-fg														
242.0	246.0	Sst/Ssd	Rbf	gy		m-fg														Bedding 241.5 050 12 W
246.0	250.5	Sst/Ssd	Rbf	gy		m-fg														Bed 048 13 W. 246.0, 2 x 0.5cm min qv's. ECH.

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)
0.00	1.00	202116	0746	D12827	0.011			9	26	111	6.9	
1.00	2.00	202117	0746	D12827	0.013			14	11	63	2.7	
2.00	3.00	202118	0746	D12827	<0.008			13	13	78	3.0	
3.00	4.00	202119	0746	D12827	<0.008			9	9	50	15.1	

CONTINUED...

274019

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD7 CONTINUED

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)
4.00	5.00	202120	0746	D12827	<0.008			12	5	55	5.1	
5.00	6.00	202121	0746	D12827	0.021			11	8	51	4.6	
6.00	7.00	202122	0746	D12827	0.052			15	11	99	5.7	
7.00	8.00	202123	0746	D12827	0.023	0.031		12	11	55	6.8	
8.00	9.00	202124	0746	D12827	0.019			10	65	37	15.1	
9.00	10.00	202125	0746	D12827	<0.008			18	2	46	2.6	
10.00	11.00	202126	0746	D12827	<0.008			15	2	71	4.3	
11.00	12.00	202127	0746	D12827	<0.008	<0.008		12	14	89	17.3	
12.00	13.00	202128	0746	D12827	<0.008			12	3	88	3.3	
13.00	14.00	202129	0746	D12827	<0.008			33	10	74	41.0	
14.00	15.00	202130	0746	D12827	<0.008			5	5	37	2.0	
15.00	16.00	202131	0746	D12827	<0.008			19	8	6	2.9	
16.00	17.00	202132	0746	D12827	<0.008			23	5	105	5.3	
17.00	18.00	202133	0746	D12827	<0.008			21	10	72	3.8	
18.00	19.00	202134	0746	D12827	<0.008			13	9	60	3.9	
19.00	20.00	202135	0746	D12827	<0.008			12	7	90	9.6	
20.00	21.00	202136	0746	D12827	<0.008			12	6	70	6.5	
21.00	22.00	202137	0746	D12827	<0.008	<0.008		40	8	79	7.1	
22.00	23.00	202138	0746	D12827	<0.008			11	4	45	4.0	
23.00	24.00	202139	0746	D12827	<0.008			7	4	23	8.8	
24.00	25.00	202140	0746	D12827	<0.008			12	12	47	10.1	
25.00	26.00	202141	0746	D12827	0.021			20	15	87	27.9	
26.00	27.00	202142	0746	D12827	0.026			37	9	83	36.8	
27.00	28.00	202143	0746	D12827	<0.008			12	5	57	9.4	
28.00	29.00	202144	0746	D12827	<0.008			8	4	61	6.1	
29.00	30.00	202145	0746	D12827	<0.008			5	2	27	3.1	
30.00	31.00	202146	0746	D12827	<0.008			4	3	31	2.9	
31.00	32.00	202147	0746	D12827	<0.008			8	3	22	5.5	
32.00	33.00	202148	0746	D12827	<0.008			11	34	36	37.9	
33.00	34.00	202149	0746	D12827	<0.008			7	5	35	9.7	
34.00	35.00	202150	0746	D12827	<0.008			3	11	32	3.7	
35.00	36.00	202151	0746	D12827	<0.008			13	6	42	6.6	
36.00	37.00	202152	0746	D12827	<0.008	<0.008		9	2	41	2.9	
37.00	38.00	202153	0746	D12827	0.025			13	9	24	4.1	
38.00	39.00	202154	0746	D12827	0.020			6	8	11	1.9	
39.00	40.00	202155	0746	D12827	<0.008			8	7	10	3.1	
40.00	41.00	202156	0746	D12827	0.024			3	11	8	6.1	
41.00	42.00	202157	0746	D12827	<0.008			14	14	15	14.2	
42.00	43.00	202158	0746	D12827	0.059			8	28	11	3.5	
43.00	44.00	202159	0746	D12827	0.031			9	23	11	3.4	
44.00	45.00	202160	0746	D12827	<0.008			7	23	9	2.5	
45.00	46.00	202161	0746	D12827	<0.008			16	19	9	10.2	
46.00	47.00	202162	0746	D12827	<0.008	<0.008		16	12	12	9.0	
47.00	48.00	202163	0746	D12827	0.019			14	15	12	19.4	
48.00	49.00	202164	0746	D12827	0.135			21	10	13	15.8	
49.00	50.00	202165	0746	D12827	0.055			11	11	18	2.8	
50.00	51.00	202166	0746	D12827	0.023			12	9	28	28.8	
51.00	52.00	202167	0746	D12827	0.084			15	13	23	74	
52.00	53.00	202168	0746	D12827	0.068	0.070		12	27	45	78	
53.00	54.00	202169	0746	D12827	0.067			9	17	28	74	
54.00	55.00	202170	0746	D12827	0.027			18	17	35	14.3	
55.00	56.00	202171	0746	D12827	<0.008			16	11	40	14.4	
56.00	57.00	202172	0746	D12827	0.013			16	8	56	73	
57.00	58.00	202173	0746	D12827	0.134			21	13	91	30.9	
58.00	59.00	202174	0746	D12827	<0.008			21	21	80	18.0	
59.00	60.00	202175	0746	D12827	0.010			14	14	66	12.2	
60.00	61.00	202176	0746	D12827	<0.008			20	13	78	28.6	

274020

CONTINUED...

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD7 CONTINUED

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)
61.00	62.00	202177	0746	D12827	<0.008	<0.008	26	17	89	34.4		
62.00	63.00	202178	0746	D12827	<0.008		12	11	72	69		
63.00	64.00	202179	0746	D12827	0.038		8	13	36	17.6		
64.00	65.00	202180	0746	D12827	0.275		16	11	48	20.7		
65.00	66.00	202181	0746	D12827	<0.008		23	17	88	29.5		
66.00	67.00	202182	0746	D12827	0.096		22	12	77	35.1		
67.00	68.00	202183	0746	D12827	<0.008		21	9	67	75		
68.00	69.00	202184	0746	D12827	<0.008		15	12	61	57		
69.00	70.00	202185	0746	D12827	<0.008		27	12	78	56		
70.00	71.00	202186	0746	D12827	<0.008		20	7	80	45.3		
71.00	72.00	202187	0746	D12827	<0.008	<0.008	20	6	42	7.7		
72.00	73.00	202188	0746	D12827	<0.008		17	7	44	5.2		
73.00	74.00	202189	0746	D12827	0.061		12	4	45	129		
74.00	75.00	202190	0746	D12827	0.020		8	4	47	68		
75.00	76.00	202191	0746	D12827	0.017		31	10	85	33.4		
76.00	77.00	202192	0746	D12827	<0.008		17	4	63	13.6		
77.00	78.00	202193	0746	D12827	0.020		13	6	56	76		
78.00	79.00	202194	0746	D12827	<0.008	<0.008	15	7	57	27.3		
79.00	80.00	202195	0746	D12827	<0.008		35	10	80	18.6		
80.00	81.00	202196	0746	D12827	0.017		11	11	60	505		
81.00	82.00	202197	0746	D12827	<0.008		18	7	71	59		
82.00	83.00	202198	0746	D12827	<0.008		10	13	50	60		
83.00	84.00	202199	0746	D12827	<0.008		12	11	69	15.5		
84.00	85.00	202200	0746	D12827	<0.008		12	3	45	40.4		
85.00	86.00	202201	0746	D12827	<0.008		21	14	84	48.3		
86.00	87.00	202202	0746	D12827	0.026	0.022	12	5	60	20.4		
87.00	88.00	202203	0746	D12827	0.016		14	9	36	65		
88.00	89.00	202204	0746	D12827	0.054		26	16	75	194		
89.00	90.00	202205	0746	D12827	<0.008		20	6	75	76		
90.00	91.00	202206	0746	D12827	<0.008		10	10	42	<0.5		
91.00	92.00	202207	0746	D12827	0.064		14	7	63	<0.5		
92.00	93.00	202208	0746	D12827	0.052		16	9	52	<0.5		
93.00	94.00	202209	0746	D12827	<0.008		33	8	89	<0.5		
94.00	95.00	202210	0746	D12827	<0.008		8	9	38	<0.5		
95.00	96.00	202211	0746	D12827	0.024		17	4	63	<0.5		
96.00	97.00	202212	0746	D12827	<0.008	<0.008	34	22	87	<0.5		
97.00	98.00	202213	0746	D12827	0.451		32	16	74	<0.5		
99.00	99.00	202214	0746	D12827	<0.008		32	13	83	65		
99.00	100.00	202215	0746	D12827	<0.008	<0.008	29	2	86	89		
100.00	101.00	202216	0746	D12827	0.037		34	2	84	23.9		
101.00	102.00	202217	0746	D12827	<0.008		20	5	89	23.8		
102.00	103.00	202218	0746	D12827	<0.008		29	22	52	14.9		
103.00	104.00	202219	0746	D12827	<0.008		29	10	83	11.6		
104.00	105.00	202220	0746	D12827	<0.008	0.008	21	2	75	15.3		
105.00	106.00	202221	0746	D12827	0.016		26	2	7	12.7		
106.00	107.00	202222	0746	D12827	0.040		6	8	57	20.1		
107.00	108.00	202223	0746	D12827	0.039		12	23	67	39.6		
108.00	109.00	202224	0746	D12827	0.320		29	25	76	77		
109.00	110.00	202225	0746	D12827	0.010		9	9	42	301		
110.00	111.00	202226	0746	D12827	<0.008		23	8	67	63		
111.00	112.00	202227	0746	D12827	0.121	0.124	13	9	53	563		
112.00	113.00	202228	0746	D12827	0.114		16	2	62	757		
113.00	114.00	202229	0746	D12827	0.064		17	7	51	526		
114.00	115.00	202230	0746	D12827	0.442		12	15	56	84		
115.00	116.00	202231	0746	D12827	0.526		21	13	87	65		
116.00	117.00	202232	0746	D12827	0.612		21	2	74	46.7		
117.00	118.00	202233	0746	D12827	0.563		16	10	77	17.5		

274021

CONTINUED...

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD7 CONTINUED

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX NO	LAB JOB NO	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
118.00	119.00	202234	0746	D12827	0.018			16	15	94	107	
119.00	120.00	202235	0746	D12827	0.019			34	24	87	37.5	
120.00	121.00	202236	0746	D12827	0.023			20	2	74	25.9	
121.00	122.00	202237	0746	D12827	0.129			36	2	84	63	
122.00	123.00	202238	0746	D12827	0.053			22	5	80	28.6	
123.00	124.00	202239	0746	D12827	0.152			24	2	79	29.2	
124.00	125.00	202240	0746	D12827	0.150			25	12	80	41.3	
125.00	126.00	202241	0746	D12827	0.162			27	16	89	50.0	
126.00	127.00	202242	0746	D12827	0.325			22	18	92	20.6	
127.00	128.00	202243	0746	D12827	0.101			22	14	94	48.7	
128.00	129.00	202244	0746	D12827	0.311			29	24	91	137	
129.00	130.00	202245	0746	D12827	0.896			18	15	57	39.1	
130.00	131.00	202246	0746	D12827	0.408			39	18	64	231	
131.00	132.00	202247	0746	D12827	0.309			23	44	134	160	
132.00	133.00	202248	0746	D12827	0.116			16	24	93	66	
133.00	134.00	202249	0746	D12827	0.099			19	20	77	74	
134.00	135.00	202250	0746	D12827	0.074			26	3	93	42.4	
135.00	136.00	202251	0746	D12827	0.158			27	6	83	119	
136.00	137.00	202252	0746	D12827	0.206	0.211		49	17	78	491	
137.00	138.00	202253	0746	D12827	0.117			44	5	65	41.6	
138.00	139.00	202254	0746	D12827	0.615			29	2	83	74	
139.00	140.00	202255	0746	D12827	0.997			32	25	88	90	
140.00	141.00	202256	0746	D12827	0.926			82	29	75	65	
141.00	142.00	202257	0746	D12827	0.014			38	36	95	42.2	
142.00	143.00	202258	0746	D12827	0.666			18	84	1	12.0	
143.00	144.00	202259	0746	D12827	0.977			28	4	85	284	
144.00	145.00	202260	0746	D12827	0.655			21	18	83	149	
145.00	146.00	202261	0746	D12827	0.058			14	14	91	34.6	
146.00	147.00	202262	0746	D12827	<0.008	<0.008		19	9	91	13.0	
147.00	148.00	202263	0746	D12827	0.033			24	3	89	12.9	
148.00	149.00	202264	0746	D12827	0.467			14	2	104	65	
149.00	150.00	202265	0746	D12827	0.312	0.276		19	17	64	50.0	
150.00	151.00	202266	0747	D12834	0.646			36	5	96	68	
151.00	152.00	202267	0747	D12834	0.038			14	19	86	25.5	
152.00	153.00	202268	0747	D12834	<0.008	<0.008		8	5	88	8.7	
153.00	154.00	202269	0747	D12834	0.663			29	12	107	17.4	
154.00	155.00	202270	0747	D12834	<0.008			28	10	100	4.7	
155.00	156.00	202271	0747	D12834	0.044			211	3	100	4.9	
156.00	157.00	202272	0747	D12834	0.276			102	4	80	374	
157.00	158.00	202273	0747	D12834	<0.008			33	10	98	19.2	
158.00	159.00	202274	0747	D12834	<0.008			30	12	96	46.9	
159.00	160.00	202275	0747	D12834	<0.008			19	12	97	11.6	
160.00	161.00	202276	0747	D12834	0.015			40	113	96	68	
161.00	162.00	202277	0747	D12834	<0.008	<0.008		34	24	96	12.5	
162.00	163.00	202278	0747	D12834	<0.008			20	4	97	8.1	
163.00	164.00	202279	0747	D12834	<0.008			13	3	92	3.5	
164.00	165.00	202280	0747	D12834	<0.008			18	5	92	5.2	
165.00	166.00	202281	0747	D12834	0.288			51	2	91	27.8	
166.00	167.00	202282	0747	D12834	1.492			25	3	119	21.8	
167.00	168.00	202283	0747	D12834	1.326			27	7	106	23.7	
168.00	169.00	202284	0747	D12834	0.129			11	34	98	31.6	
169.00	170.00	202285	0747	D12834	7.820			61	116	94	18.1	
170.00	171.00	202286	0747	D12834	0.092			56	24	100	154	
171.00	172.00	202287	0747	D12834	0.595	0.495		16	2	91	19.4	
172.00	173.00	202288	0747	D12834	3.380			17	31	92	17.2	
173.00	174.00	202289	0747	D12834	0.327			58	7	99	26.3	
174.00	175.00	202290	0747	D12834	0.546			14	10	92	106	

274022

CONTINUED...

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD7 CONTINUED

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX NO	LAB JOB NO	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
175.00	176.00	202291	0747	D12834	0.129			23	2	117	74	
176.00	177.00	202292	0747	D12834	1.294			14	16	144	184	
177.00	178.00	202293	0747	D12834	0.047			25	10	101	65	
178.00	179.00	202294	0747	D12834	0.224			19	8	96	65	
179.00	180.00	202295	0747	D12834	0.014			17	12	104	76	
180.00	181.00	202296	0747	D12834	2.650	2.660		34	41	108	24.9	
181.00	182.00	202297	0747	D12834	0.463			39	42	121	267	
182.00	183.00	202298	0747	D12834	<0.008			28	19	107	20.5	
183.00	184.00	202299	0747	D12834	0.067			33	3	120	19.0	
184.00	185.00	202300	0747	D12834	<0.008			37	4	121	16.1	
185.00	186.00	202301	0747	D12834	0.065			19	2	104	33.3	
186.00	187.00	202302	0747	D12834	<0.008	<0.008		34	6	92	50.0	
187.00	188.00	202303	0747	D12834	<0.008			35	3	107	30.0	
188.00	189.00	202304	0747	D12834	<0.008			40	7	95	44.0	
189.00	190.00	202305	0747	D12834	2.530			31	104	99	29.1	
190.00	191.00	202306	0747	D12834	<0.008			35	5	113	49.9	
191.00	192.00	202307	0747	D12834	0.062			24	9	108	25.4	
192.00	193.00	202308	0747	D12834	0.023			35	8	111	57	
193.00	194.00	202309	0747	D12834	0.062			30	2	109	34.5	
194.00	195.00	202310	0747	D12834	0.085			40	12	108	173	
195.00	196.00	202311	0747	D12834	0.135			35	2	97	69	
196.00	197.00	202312	0747	D12834	0.058	0.070		34	11	102	85	
197.00	198.00	202313	0747	D12834	0.077			29	21	96	76	
198.00	199.00	202314	0747	D12834	0.116			52	19	111	39.6	
199.00	200.00	202315	0747	D12834	0.016			45	15	113	32.8	
200.00	201.00	202316	0747	D12834	<0.008			40	9	105	68	
201.00	202.00	202317	0747	D12834	0.058			25	8	92	2.0	
202.00	203.00	202318	0747	D12834	<0.008			26	5	93	46.1	
203.00	204.00	202319	0747	D12834	<0.008			24	7	92	25.6	
204.00	205.00	202320	0747	D12834	0.171			24	10	78	381	
205.00	206.00	202321	0747	D12834	<0.008			41	18	96	39.5	
206.00	207.00	202322	0747	D12834	<0.008			50	10	96	17.4	
207.00	208.00	202323	0747	D12834	0.019			20	2	92	20.0	
208.00	209.00	202324	0747	D12834	<0.008			20	2	77	37.6	
209.00	210.00	202325	0747	D12834	<0.008			51	7	93	29.9	
210.00	211.00	202326	0747	D12834	0.042			101	12	91	3.4	
211.00	212.00	202327	0747	D12834	<0.008	<0.008		20	2	103	20.5	
212.00	213.00	202328	0747	D12834	0.238			17	13	70	163	
213.00	214.00	202329	0747	D12834	0.093			12	6	89	50.0	
214.00	215.00	202330	0747	D12834	0.051			26	3	89	23.3	
215.00	216.00	202331	0747	D12834	0.022			7	6	98	8.8	
216.00	217.00	202332	0747	D12834	<0.008			11	2	96	7.3	
217.00	218.00	202333	0747	D12834	<0.008			12	9	85	7.0	
218.00	219.00	202334	0747	D12834	0.020			13	2	92	5.8	
219.00	220.00	202335	0747	D12834	0.017			26	5	78	49.6	
220.00	221.00	202336	0747	D12834	0.020			34	9	7	13.9	
221.00	222.00	202337	0747	D12834	0.069	0.059		26	6	81	64	
222.00	223.00	202338	0747	D12834	0.022			16	2	79	21.2	
223.00	224.00	202339	0747	D12834	0.027			15	9	85	8.2	
224.00	225.00	202340	0747	D12834	0.035			23	2	86	10.2	
225.00	226.00	202341	0747	D12834	0.018			14	9	84	6.9	
226.00	227.00	202342	0747	D12834	0.016			22	3	79	6.0	
227.00	228.00	202343	0747	D12834	<0.008			5	2	86	7.0	
228.00	229.00	202344	0747	D12834	0.027			8	2	89	6.5	
229.00	230.00	202345	0747	D12834	<0.008			7	11	102	6.9	
230.00	231.00	202346	0747	D12834	<0.008			5	2	65	44.9	
231.00	232.00	202347	0747	D12834	<0.008			8	2	51	22.9	

274023

CONTINUED...

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD7 CONTINUED

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)
232.00	233.00	202348	0747	D12834	<0.008			4	2	96	11.7	
233.00	234.00	202349	0747	D12834	<0.008			4	7	97	10.6	
234.00	235.00	202350	0747	D12834	<0.008			102	63	97	24.6	
235.00	236.00	202351	0747	D12834	<0.008			7	52	93	34.0	
236.00	237.00	202352	0747	D12834	0.025	0.032		36	10	95	21.3	
237.00	238.00	202353	0747	D12834	<0.008			9	27	102	9.2	
238.00	239.00	202354	0747	D12834	<0.008			6	2	91	19.1	
239.00	240.00	202355	0747	D12834	<0.008			29	2	80	10.7	
240.00	241.00	202356	0747	D12834	<0.008			23	2	83	19.5	
241.00	242.00	202357	0747	D12834	<0.008			36	3	92	16.9	
242.00	243.00	202358	0747	E12834	0.069			17	11	88	29.8	
243.00	244.00	202359	0747	E12834	<0.008			23	2	92	4.4	
244.00	245.00	202360	0747	D12834	<0.008	<0.008		28	10	90	2.6	
245.00	246.00	202361	0747	D12834	0.012			16	2	92	4.0	
246.00	247.00	202362	0747	D12834	<0.008	<0.008		16	4	92	14.3	
247.00	248.00	202363	0747	D12834	0.026			24	6	91	5.6	
248.00	249.00	202364	0747	D12834	<0.008			38	5	94	7.3	
249.00	250.00	202365	0747	D12834	<0.008			19	8	89	11.8	
250.00	250.50	202366	0747	D12834	<0.008	<0.008		30	6	86	<5.0	

274024

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,21			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,41			2cm q/cb V
38.00	39.00	Ssd	Rbo	ygy		mg											Qc,41			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,11			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,31			Numerous qtz microv at 90 to bed (10/m)
69.00	70.40	aSsd	Rbo	lt gy		m-fg				Py, Mn, tce							Qc,21			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

CONTINUED...

274025

21.10.97

**GOLDEN RIDGE  
E12/93  
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	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														85.10-87.50
87.50	90.20	Ssd/Sst	Rbp	lt gy		m-fg														Becoming more fractured and pale, cb fract
90.20	92.60	Ssd/Sst	Rbp	lt gy		m-fg														90.20-92.60
92.60	93.00	Ssd/Sst	Rbp	lt gy		m-fg				As, V, ll	Py, V						Qs, 2%			92.6 lcmgs vein & alt halo 030 72 W
93.00	96.80	Ssd/Sst	Rbp	lt gy		m-fg														93.00-96.80
96.80	98.00	Ssd/Sst	Rbp	lt gy		m-fg														96.80-98.00
98.00	101.00	Sst	Rbp	lt gy		fg														Partly cemented bx zone
101.00	102.00	Ssd/Sst	Rbp	lt gy		m-fg														Well bedded siltstone
102.00	103.00	Ssd/Sst	Rbp	yyg		m-fg														Sandstone, Siltstone beds
103.00	106.00	Ssd/Sst	Rbp	lt gy		m-fg														Fault bx
106.00	107.00	Ssd/Sst	Rbp	lt gy		m-fg														105.5 2cm qv= 355 81 E
107.00	108.20	Ssd/Sst	Rbp	lt gy		m-fg														107.00-108.20
108.20	108.80	Ssd	Rbp	lt gy		m-fg														108.20-108.80
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%			112.30-114.70
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														121.00-122.50
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														126.00-127.00
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														128.00-133.10
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%			140.00-141.00
141.00	142.50	Ssd/Sst	Rbp	lt gy		m-fg														141.00-142.50
142.50	145.50	Sst	Rbp	lt gy		fg														142.50-145.50
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														152.40-153.90
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														161.00-163.50
163.50	164.00	Sst/Ssd	Rbp	lt gy		fg														163.50-164.00
164.00	165.20	Sst/Ssd	Rbp	lt gy		fg														164.00-165.20
165.20	165.80	Sst/Ssd	Rbp	lt gy		fg														2x cbb x qv - 3cm VG abundant irreg cb veins & fract
165.80	169.50	Sst/Ssd	Rbp	lt gy		fg														165.80-169.50
169.50	173.00	Sst/Ssd	Rbp	lt gy		fg				As, V, ll	Py, VM, l									Zone of qs vnlts @ 3m. 169.8, 3cm nice vn VG 340d 74d E
173.00	175.50	Sst/Ssd	Rbp	lt gy		fg														173.00-175.50
175.50	177.00	Sst/Ssd	Rbp	lt gy		fg														Minor g's - 3cm q/cb bx V @ 76.9

CONTINUED...

274026



GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRDB CONTINUED

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)
22.00	23.00	202388	0748	D12906	<0.08	<0.08		12	10	65	90	<1
23.00	24.00	202389	0748	D12906	<0.08			7	9	65	<1	<1
24.00	25.00	202390	0748	D12906	<0.08			13	6	95	121	<1
25.00	26.00	202391	0748	D12906	<0.08			17	4	80	89	<1
26.00	27.00	202392	0748	D12906	<0.08			20	3	79	90	<1
27.00	28.00	202393	0748	D12906	<0.08			34	10	60	<1	<1
28.00	29.00	202394	0748	D12906	<0.08			3	6	30	70	<1
29.00	30.00	202395	0748	D12906	<0.08			9	20	48	<1	<1
30.00	31.00	202396	0748	D12906	<0.08			24	39	43	<1	<1
31.00	32.00	202397	0748	D12906	<0.08			31	21	68	51	<1
32.00	33.00	202398	0748	D12906	<0.08			41	11	74	50	<1
33.00	34.00	202399	0748	D12906	<0.08			23	21	74	<1	<1
34.00	35.00	202400	0748	D12906	<0.08			24	8	51	69	<1
35.00	36.00	202401	0748	D12906	<0.08			15	11	34	<1	<1
36.00	37.00	202402	0748	D12906	<0.08			9	7	8	<1	<1
37.00	38.00	202403	0748	D12906	<0.08	<0.08		10	9	10	<1	<1
38.00	39.00	202404	0748	D12906	<0.08			7	12	<2	<1	<1
39.00	40.00	202405	0748	D12906	<0.08			15	13	5	<1	<1
40.00	41.00	202406	0748	D12906	<0.08			22	28	7	<1	<1
41.00	42.00	202407	0748	D12906	0.198	0.220		7	20	<2	<1	<1
42.00	43.00	202408	0748	D12906	0.185			12	14	4	<1	<1
43.00	44.00	202409	0748	D12906	0.227			7	11	8	128	<1
44.00	45.00	202410	0748	D12906	0.025			11	11	15	<1	<1
45.00	46.00	202411	0748	D12906	0.042			13	6	4	<1	<1
46.00	47.00	202412	0748	D12906	0.060			28	13	11	80	<1
47.00	48.00	202413	0748	D12906	0.250	0.222		14	11	6	<1	<1
48.00	49.00	202414	0748	D12906	0.019			9	18	12	<1	<1
49.00	50.00	202415	0748	D12906	0.012			5	20	4	<1	<1
50.00	51.00	202416	0748	D12906	0.012			12	14	6	<1	<1
51.00	52.00	202417	0748	D12906	0.031			22	10	9	<1	<1
52.00	53.00	202418	0748	D12906	0.052			14	22	8	<1	<1
53.00	54.00	202419	0748	D12906	0.611			11	19	11	<1	<1
54.00	55.00	202420	0748	D12906	0.020			6	15	32	252	<1
55.00	56.00	202421	0748	D12906	<0.08			4	8	26	91	<1
56.00	57.00	202422	0748	D12906	0.030			7	8	35	51	<1
57.00	58.00	202423	0748	D12906	0.013			10	25	22	242	<1
58.00	59.00	202424	0748	D12906	<0.08			13	11	19	<1	<1
59.00	60.00	202425	0748	D12906	<0.08			12	21	27	<1	<1
60.00	61.00	202426	0748	D12906	0.023			7	6	32	<1	<1
61.00	62.00	202427	0748	D12906	0.010			5	5	42	50	<1
62.00	63.00	202428	0748	D12906	<0.08	<0.08		12	7	37	71	<1
63.00	64.00	202429	0748	D12906	0.115			10	15	47	131	<1
64.00	65.00	202430	0748	D12906	0.024			5	16	42	69	<1
65.00	66.00	202431	0748	D12906	0.156			7	6	34	<1	<1
66.00	67.00	202432	0748	D12906	0.110	0.060		10	9	38	<1	<1
67.00	68.00	202433	0748	D12906	0.040			8	19	50	61	<1
68.00	69.00	202434	0748	D12906	0.041			17	23	65	79	<1
69.00	70.00	202435	0748	D12906	0.064			22	63	119	70	<1
70.00	71.00	202436	0748	D12906	0.018			12	15	70	69	<1
71.00	72.00	202437	0748	D12906	0.019			11	11	58	118	<1
72.00	73.00	202438	0748	D12906	0.014			15	16	81	117	<1
73.00	74.00	202439	0748	D12906	0.009			15	15	70	99	<1
74.00	75.00	202440	0748	D12906	0.012			17	14	76	111	<1
75.00	76.00	202441	0748	D12906	0.010			29	14	93	68	<1
76.00	77.00	202442	0748	D12906	0.011			24	13	75	50	<1
77.00	78.00	202443	0748	D12906	<0.08			22	10	77	<1	<1
78.00	79.00	202444	0748	D12906	<0.08			8	6	49	50	<1

CONTINUED...

274028

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRDS CONTINUED

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX NO	LAB JOB NO	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
79.00	80.00	202445	0748	D12906	<0.08			8	11	42	<1	<1
80.00	81.00	202446	0748	D12906	<0.08			18	16	60	111	<1
81.00	82.00	202447	0748	D12906	<0.08			36	11	98	<1	<1
82.00	83.00	202448	0748	D12906	<0.08			18	12	77	<1	<1
83.00	84.00	202449	0748	D12906	<0.08			13	13	42	<1	<1
84.00	85.00	202450	0748	D12906	0.041			19	13	88	61	<1
85.00	86.00	202451	0748	D12906	0.097			21	37	142	114	<1
86.00	87.00	202452	0748	D12906	<0.08			24	17	88	110	<1
87.00	88.00	202453	0748	D12906	<0.08	<0.08		29	9	77	<1	<1
88.00	89.00	202454	0748	D12906	0.223			7	16	29	<1	<1
89.00	90.00	202455	0748	D12906	<0.09			13	12	26	<1	<1
90.00	91.00	202456	0748	D12906	<0.08			2	8	31	<1	<1
91.00	92.00	202457	0748	D12906	<0.08			9	10	35	<1	<1
92.00	93.00	202458	0748	D12906	0.083			11	14	32	2534	<1
93.00	94.00	202459	0748	D12906	<0.08			20	9	52	74	<1
94.00	95.00	202460	0748	D12906	<0.08			29	22	93	160	<1
95.00	96.00	202461	0748	D12906	<0.08			10	8	36	<1	<1
96.00	97.00	202462	0748	D12906	0.045			7	6	32	<1	<1
97.00	98.00	202463	0748	D12906	0.024	0.029		10	3	37	83	<1
98.00	99.00	202464	0748	D12906	0.016			14	5	43	63	<1
99.00	100.00	202465	0748	D12906	<0.08			34	13	86	<1	<1
100.00	101.00	202466	0748	D12906	<0.08			14	20	78	<1	<1
101.00	102.00	202467	0748	D12906	0.027			10	9	49	59	<1
102.00	103.00	202468	0748	D12906	0.133			12	4	57	77	<1
103.00	104.00	202469	0748	D12906	0.022			22	14	70	132	<1
104.00	105.00	202470	0748	D12906	0.110			40	12	54	246	<1
105.00	106.00	202471	0748	D12906	0.592	0.630		14	96	78	525	<1
106.00	107.00	202472	0748	D12906	0.024			11	54	54	122	<1
107.00	108.00	202473	0748	D12906	<0.08			23	26	89	<1	<1
108.00	109.00	202474	0748	D12906	0.055			8	5	21	<1	<1
109.00	110.00	202475	0748	D12906	0.082			8	14	60	68	<1
110.00	111.00	202476	0748	D12906	0.196			17	4	59	98	<1
111.00	112.00	202477	0748	D12906	0.067			10	9	47	85	<1
112.00	113.00	202478	0748	D12906	0.092	0.115		18	12	37	150	<1
113.00	114.00	202479	0748	D12906	0.151			15	9	54	139	<1
114.00	115.00	202480	0748	D12906	0.215			21	6	67	669	<1
115.00	116.00	202481	0748	D12906	0.550	0.740		22	33	70	3030	<1
116.00	117.00	202482	0748	D12906	0.154			10	8	42	782	<1
117.00	118.00	202483	0748	D12906	0.215			25	9	65	283	<1
118.00	119.00	202484	0748	D12906	0.324			16	13	84	128	<1
119.00	120.00	202485	0748	D12906	0.168			13	37	93	700	<1
120.00	121.00	202486	0748	D12906	0.250	0.180		19	83	108	652	<1
121.00	122.00	202487	0748	D12906	3.570	3.800		22	91	132	2326	<1
122.00	123.00	202488	0748	D12906	0.847	0.761		23	34	142	193	<1
123.00	124.00	202489	0748	D12906	0.322			26	16	90	131	<1
124.00	125.00	202490	0748	D12906	0.210	0.260		34	8	111	329	<1
125.00	126.00	202491	0748	D12906	0.070			29	30	60	287	<1
126.00	127.00	202492	0748	D12906	0.030			36	18	89	65	<1
127.00	128.00	202493	0748	D12906	0.243			33	25	87	82	<1
128.00	129.00	202494	0748	D12906	0.134			21	32	75	60	<1
129.00	130.00	202495	0748	D12906	0.192			23	37	88	<1	<1
130.00	131.00	202496	0748	D12906	0.023			16	25	70	70	<1
131.00	132.00	202497	0748	D12906	0.040			17	31	79	79	<1
132.00	133.00	202498	0748	D12906	0.031			24	24	74	70	<1
133.00	134.00	202499	0748	D12906	0.046			6	7	13	61	<1
134.00	135.00	202500	0748	D12906	0.039			9	7	32	60	<1
135.00	136.00	202501	0748	D12906	0.172			18	39	116	1686	<1

CONTINUED...

274029

21.10.97

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD8 CONTINUED

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)
136.00	137.00	202502	0748	D12906	0.118			9	6	31	190	<1
137.00	138.00	202503	0748	D12906	0.034			22	7	32	134	<1
138.00	139.00	202504	0748	D12906	0.131			13	16	59	661	<1
139.00	140.00	202505	0748	D12906	0.100			21	23	115	924	<1
140.00	141.00	202506	0748	D12906	0.204			14	8	73	559	<1
141.00	142.00	202507	0748	D12906	0.050	0.060		16	12	53	1122	<1
142.00	143.00	202508	0748	D12906	0.222			21	27	76	799	<1
143.00	144.00	202509	0748	D12906	0.033			37	<3	98	76	<1
144.00	145.00	202510	0748	D12906	0.028			16	<3	81	157	<1
145.00	146.00	202511	0748	D12906	0.042			46	9	92	313	<1
146.00	147.00	202512	0748	D12906	0.027			16	7	44	236	<1
147.00	148.00	202513	0748	D12906	0.010			21	18	69	131	<1
148.00	149.00	202514	0748	D12906	0.230			28	26	90	479	<1
149.00	150.00	202515	0748	D12906	<0.08			33	21	94	172	<1
150.00	151.00	202516	0748	D12906	0.074			21	4	68	675	<1
151.00	152.00	202517	0748	D12906	0.221			28	5	82	1032	<1
152.00	153.00	202518	0748	D12906	0.272			21	3	85	884	<1
153.00	154.00	202519	0748	D12906	0.896	0.936		30	17	66	185	<1
154.00	155.00	202520	0748	D12906	0.309			57	57	144	180	<1
155.00	156.00	202521	0748	D12906	0.189			37	81	93	115	<1
156.00	157.00	202522	0748	D12906	0.090			30	20	93	111	<1
157.00	158.00	202523	0748	D12906	0.148			27	12	85	129	<1
158.00	159.00	202524	0748	D12906	0.050			34	16	95	149	<1
159.00	160.00	202525	0748	D12906	0.031			25	6	90	103	<1
160.00	161.00	202526	0748	D12906	0.120			23	6	75	69	<1
161.00	162.00	202527	0748	D12906	0.189			13	<3	81	111	<1
162.00	163.00	202528	0748	D12906	0.122			42	13	96	514	<1
163.00	164.00	202529	0748	D12906	0.053			29	24	84	188	<1
164.00	165.00	202530	0748	D12906	0.389			30	22	101	125	<1
165.00	166.00	202531	0748	D12906	8.960	9.056		30	28	103	119	1
166.00	167.00	202532	0748	D12906	0.072			26	16	86	132	<1
167.00	168.00	202533	0748	D12906	0.111			41	16	97	114	<1
168.00	169.00	202534	0748	D12906	0.176			29	7	88	185	<1
169.00	170.00	202535	0748	D12906	2.490	2.620		13	69	69	2776	<1
170.00	171.00	202536	0748	D12906	0.349			18	44	120	703	<1
171.00	172.00	202537	0748	D12906	0.760	0.840		16	56	101	627	<1
172.00	173.00	202538	0748	D12906	0.810			46	7	121	224	<1
173.00	174.00	202539	0748	D12906	0.041			40	<3	94	139	<1
174.00	175.00	202540	0748	D12906	0.154			18	3	99	170	<1
175.00	176.00	202541	0748	D12906	0.047			37	32	87	133	<1
176.00	177.00	202542	0748	D12906	0.236			102	44	69	204	<1
177.00	178.00	202543	0748	D12906	0.036			52	20	96	141	<1
178.00	179.00	202544	0748	D12906	0.073			18	6	90	189	<1
179.00	180.00	202545	0748	D12906	0.035			15	7	101	192	<1
180.00	181.00	202546	0748	D12906	0.023			16	9	89	152	<1
181.00	182.00	202547	0748	D12906	0.031			16	7	103	76	<1
182.00	183.00	202548	0748	D12906	0.027			11	5	100	111	<1
183.00	184.00	202549	0748	D12906	0.022			8	9	93	87	<1
184.00	185.00	202550	0748	D12906	0.029			10	14	87	117	<1
185.00	186.00	202551	0748	D12906	0.226			18	12	96	252	<1
186.00	187.00	202552	0748	D12906	1.020	0.940		29	64	149	898	<1
187.00	188.00	202553	0748	D12906	0.388			38	14	117	251	<1
188.00	189.00	202554	0748	D12906	0.042			18	12	106	121	<1
189.00	190.00	202555	0748	D12906	0.026			54	11	102	117	<1
190.00	191.00	202556	0748	D12906	0.026			17	11	97	98	<1
191.00	192.00	202557	0748	D12906	0.034			18	7	101	114	<1
192.00	193.00	202558	0748	D12906	0.032			17	11	104	114	<1

CONTINUED...

274030

**GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS**

**GRD8 CONTINUED**

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX NO	LAB JOB NO	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
193.00	194.00	202559	0748	D12906	0.140			19	9	99	506	<1
194.00	195.00	202560	0748	D12906	0.050			74	8	94	104	<1
195.00	196.00	202561	0748	D12906	0.030			68	15	96	134	<1
196.00	197.00	202562	0748	D12906	0.020			22	9	92	258	<1
197.00	198.00	202563	0748	D12906	0.020			14	5	99	178	<1
198.00	199.00	202564	0748	D12906	0.040			61	9	108	122	<1
199.00	200.00	202565	0748	D12906	0.040			17	10	99	52	<1
200.00	201.00	202566	0748	D12906	0.030			44	6	104	141	<1
201.00	202.00	202567	0748	D12906	0.089			94	5	96	116	<1
202.00	203.00	202568	0748	D12906	0.020			15	4	107	59	<1
203.00	204.00	202569	0748	D12906	0.010			15	14	106	141	<1
204.00	205.00	202570	0748	D12906	0.020			15	8	99	128	<1
205.00	206.00	202571	0748	D12906	0.360	0.480		20	20	98	145	<1
206.00	207.00	202572	0748	D12906	0.020			25	6	98	51	<1
207.00	208.00	202573	0748	D12906	0.010			105	8	106	136	<1
208.00	209.00	202574	0748	D12906	0.040			16	9	103	115	<1
209.00	210.00	202575	0748	D12906	0.010			17	10	102	112	<1
210.00	211.00	202576	0748	D12906	0.020			19	22	95	115	<1
211.00	212.00	202577	0748	D12906	0.010			15	41	92	50	<1
212.00	213.00	202578	0748	D12906	0.010			103	54	95	56	<1
213.00	214.00	202579	0748	D12906	0.010			22	20	103	<1	<1
214.00	215.00	202580	0748	D12906	0.030			17	19	106	79	<1
215.00	216.00	202581	0748	D12906	0.020			12	27	118	<1	<1
216.00	217.00	202582	0748	D12906	0.030	6.020		17	31	117	140	<1
217.00	218.00	202583	0748	D12906	0.030			16	15	97	87	<1
218.00	219.00	202584	0748	D12906	0.020			19	14	108	62	<1
219.00	220.00	202585	0748	D12906	0.030			12	8	99	139	<1
220.00	221.00	202586	0748	D12906	0.110			21	10	92	336	<1
221.00	222.00	202587	0748	D12906	0.010			16	16	104	137	<1
222.00	223.00	202588	0748	D12906	0.020			11	7	101	112	<1
223.00	224.00	202589	0748	D12906	0.020			17	4	97	138	<1
224.00	225.00	202590	0748	D12906	0.020			17	11	108	69	<1
225.00	226.00	202591	0748	D12906	0.020			16	8	106	90	<1
226.00	227.00	202592	0748	D12906	0.020			23	8	109	62	<1
227.00	228.00	202593	0748	D12906	0.030			27	6	103	102	<1
228.00	229.00	202594	0748	D12906	0.020			239	7	98	132	<1
229.00	230.00	202595	0748	D12906	0.080			234	16	112	<1	<1
230.00	231.00	202596	0748	D12906	0.010			57	7	105	95	<1
231.00	232.00	202597	0748	D12906	1.010	1.220		19	10	107	2274	<1
232.00	233.00	202598	0748	D12906	0.020			67	6	99	120	<1
233.00	234.00	202599	0748	D12906	0.010			22	9	97	113	<1
234.00	235.00	202600	0748	D12906	0.010			43	7	95	81	<1
235.00	236.00	202601	0748	D12906	<0.08			30	10	104	88	<1
236.00	237.00	202602	0748	D12906	<0.08			21	6	103	121	<1
237.00	238.00	202603	0748	D12906	<0.08			11	7	106	102	<1
238.00	238.50	202604	0748	D12906	<0.08			5	8	104	91	<1

274031

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 ORI.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE ANG	VEIN ORI	DESCRIPTION
6.00	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 fract
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											vq, 80%	// to bed		end of lim, fract & bx cement = cb
33.70	33.90	Ssd/Sst	Rbf	Lgy		f-vfg											vq, 1%			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														Bddy e perp to CA
43.10	47.00	Ssd	Rbf	L Ygy		fg														broken fg Ssd
47.00	47.40	Ssd	Rbf	L Ygy		fg											vq, 5%			vuggy 0.5cm qv, broken core
47.40	48.60	Ssd	Rbf	L Ygy		fg											vq, 1%			part bx qv // to bed
48.60	50.00	Ssd	Rbf	L Ygy		fg														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														start of bright gn chl on fract planes
53.00	54.00	Ssd/Sst	Rbf	L Ygy		fg											vq, 1%			53.4 - 2cm qv // to bed
54.00	55.00	Ssd/Sst	Rbf	L Ygy		fg											cb, 1%			bleaching along fract
55.00	61.00	Ssd/Sst	Rbf	L Ygy		fg														
61.00	62.20	Ssd/Sst	Rbf	L Ygy		fg														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 fract networks // bedding

CONTINUED...

274032

21.10.97

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD9 CONTINUED

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN SIZE	TEXT.	TEXTURE COPE ANG	TEXTURE OPT.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTN 1	ALTN 2	ALTN 3	VEIN	ANGLE TO CORE ANG	VEIN ORT	DESCRIPTION	
64.00	64.80	Ssd/Sst	Rbf	L Ygy																	
64.80	67.80	Ssd/Sst	Rbf	L Ygy																	minor Ssd
67.80	68.00	Ssd/Sst	Rbf	L Ygy																	Sst with So // cb fract network
68.00	68.70	Ssd/Sst	Rbf	L Ygy																	68.7m-2cm cb V-, So // in Sst
68.70	69.20	Ssd/Sst	Rbf	L Ygy																	69.2m-breccia - fault zone - So //
69.20	71.70	Ssd/Sst	Rbf	L Ygy																	
71.70	72.50	Ssd/Sst	Rbf	L Ygy																	71.7m-Sst and cb fract
72.50	73.70	Ssd/Sst	Rbf	L Ygy																	
73.70	74.40	Ssd/Sst	Rbf	L Ygy																	ch,cb,frc
74.40	76.40	Ssd/Sst	Rbf	L Ygy																	Sst and cb fract/veinlets: ch alt with fract
76.40	76.50	Ssd/Sst	Rbf	L Ygy																	
76.50	78.60	Ssd/Sst	Rbf	L Ygy																	Sst: cb vein @ 76.4 So //
78.60	78.90	Ssd/Sst	Rbf	L Ygy																	
78.90	81.20	Ssd/Sst	Rbf	L Ygy																	Sst-1cm cb vein Sst: same cb fract
81.20	84.80	Ssd/Sst	Rbf	L Ygy																	81.2m-cb vein-chl alt- 5cm wide So // in Sst
84.80	85.30	Ssd/Sst	Rbf	L Ygy																	pale sed - alt?
85.30	85.50	Ssd/Sst	Rbf	L Ygy																	Sst
85.50	86.70	Ssd/Sst	Rbf	L Ygy																	
86.70	86.90	Ssd/Sst	Rbf	L Ygy																	pale Sst
86.90	88.00	Ssd/Sst	Rbf	L Ygy																	
88.00	90.50	Ssd/Sst	Rbf	L Ygy																	pk(he?) alt tinge
90.50	91.00	Ssd/Sst	Rbf	L Ygy																	cb,frac
91.00	92.40	Sst	Rbf	L Ygy																	cb,frac
92.40	93.60	Sst	Rbf	L Ygy																	cb,ep,frc
93.60	97.40	Sst	Rbf	L Ygy																	92.4m- pale Sst
97.40	99.60	Ssd	Rbf	L Ygy																	93.3-93.6 intense cb fract 4 lg alt ep? all directions
99.60	99.70	Ssd	Rbf	L Ygy																	more So // cb fract in Sst than Ssd
99.70	100.00	Ssd	Rbf	L Ygy																	
100.00	101.40	Ssd	Rbf	L Ygy																	intense cb fract 4 ep
101.40	103.50	Ssd	Rbf	pk gy																	cb fract system // core: ep alt
103.50	106.00	Ssd	Rbf	pk gy																	Qv // to core-max 5cm wide: assoc ep alt-bleaching
106.00	106.40	Ssd	Rbf	pk gy																	patchy pk (he?) alt, minor cb fract
106.40	107.00	Ssd	Rbf	pk gy																	2cm qv // core: some pk stn 4 selved ye 5
107.00	109.10	Ssd	Rbf	pk gy																	1cm qv incl cb. gy selv in pk port: alt
109.10	110.20	Ssd	Rbf	pk gy																	qv-max 4cm wide:pk stn in places: v- grown into open space
110.20	115.50	Ssd	Rbf	pk gy																	
115.50	115.60	Ssd	Rbf	pk gy																	Sst layer with qv filled shear/fault 3cm wide
115.60	115.90	Ssd	Rbf	pk gy																	
115.90	117.00	Ssd	Rbf	pk gy																	qv with swirly alt and cb
117.00	118.60	Ssd/Sst	Rbf	pk gy																	
118.60	119.20	Ssd/Sst	Rbf	pk gy																	118.6m-cb V-in sh.in Sst:cb:fract;bk specs in Sst
119.20	120.20	Sst/Ssd	Rbf	pk gy																	
120.20	121.80	Ssd	Rbf	pk gy																	
121.80	122.40	Sst	Rbf	pk gy																	py,dj,tc
122.40	123.10	Ssd	Rbf	pk gy																	
123.10	124.50	Ssd	Rbf	pk gy																	ep,frac he,frc cb,frc
124.50	125.00	Sst/Ssd	Rbf	pk gy																	qv+ep alt:spotty he alt 4 silic in area:more cb fract
125.00	126.00	Ssd	Rbf	pk gy																	
126.00	126.50	Ssd	Rbf	pk gy																	blch Ssd around small gouge fault zone
126.50	127.50	Ssd	Rbf	pk gy																	
127.50	128.50	Ssd	Rbf	pk gy																	cb,frac
128.50	129.20	Ssd	Rbf	pk gy																	

CONTINUED...

274033

21.10.97

**GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS**

GRD9 CONTINUED

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN SIZE	TEXT.	TEXTURE CORE	TEXTURE AVG	TEXTURE ORI.	SULPH 1	SULPH 2	SULPH 3	SULPH 4	ALTM 1	ALTM 2	ALTM 3	VEIN	ANGLE TO CORE	VEIN ORI	DESCRIPTION				
129.20	129.30	Ssd	Rbf	pk	gy	fg															ep, fault	vq	qv in ep nylon 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											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																			
135.50	135.70	Ssd	Rbf	pk	gy	fg																	240/2 2 lam qv(2cm wide); frac by cb in Sst		
135.70	135.80	Ssd	Rbf	pk	gy	fg					py,di, tr														
135.80	137.40	Ssd	Rbf	pk	gy	fg																	tr py in qv-laminated 080/305 (?)		
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																	opened cb fract		
144.80	145.10	Ssd/Sst	Rbf	wh		fg																			
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					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%														
148.90	150.00	Ssd/Sst	Rbf	wh		fg																			
150.00	156.50	Ssd	Rbf	lg		fg					Au, vn												vq, 3%	stock work	
156.50	157.40	Ssd	Rbf	lg		fg					As, vn, 2%													pale Ssd; 150.6m-tr Au in vq; vq dl by sm qc? v-s incl ca, ch fr	
157.40	157.80	Ssd	Rbf	lg		fg																		vq with As @157.4; darker Ssd-gy	
157.80	159.00	Sst/Ssd	Rbf	lg		fg																		157.5m-As in vq margin in v-; darker Ssd-gy spot' Sst-Ssd-lam'd; 157.9 has lcm vq	
159.00	160.50	Sst/Ssd	Rbf	lg		fg					py, vn, tr	ga, vn, tr-1%	As, vn, tr-1%		py, di	cb, frac								159.2-2cm vq; tr As in vn; So @ 160 055/20N(?)	
160.50	162.00	Sst/Ssd	Rbf	lg		fg					py, vn, tr	ga, vn, tr-1%	As, vn, tr-1%		py, di									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										
163.00	165.00	Sst/Ssd	Rbf	lg		fg					py, vn, tr	ga, vn, tr-1%	As, vn, tr-1%		py, di										
165.00	168.00	Sst/Ssd/vq	Rbf	lg		fg					py, vn, tr	ga, vn, tr-1%	As, vn, tr-1%		py, di									vq, 15%	brecc
168.00	171.40	Sst/Ssd	Rbf	lg		fg					py, vn, tr	As, vn, tr-1%													
171.40	173.00	Sst/Ssd	Rbf	lg		fg					py, vn, tr	As, vn, tr-1%													
173.00	174.00	Sst/Ssd	Rbf	lg		fg					py, vn, tr	As, vn, tr-1%													
174.00	175.00	Sst/Ssd	Rbf	lg		fg					py, vn, tr	As, vn, tr-1%													
175.00	176.50	Sst/Ssd	Rbf	lg		f-vfg																			
176.50	176.60	Sst/Ssd	Rbf	lg		f-vfg					py, tr				ep, vn										
176.60	178.50	Sst/Ssd	Rbf	lg		f-vfg																			
178.50	178.80	Sst/Ssd	Rbf	lg		f-vfg					As(py), vn, 40%														
178.80	184.50	Sst/Ssd	Rbf	lg		f-vfg																			
184.50	185.30	Sst/Ssd	Rbf	lg		f-vfg	So			330/35E															
185.30	187.90	Sst/Ssd	Rbf	lg		f-vfg																			
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											
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											
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											
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								
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											
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											
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											
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									

CONTINUED...

**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
197.00	198.00	Sst/Ssd	Rbf	lg			f-vfg			ga,vn/vm,tc	as,vn/vm,tc	py,vn/vm,tc	sp,vn/vm,tc				vq		015/8	
198.00	202.10	Sst/Ssd	Rbf	lg			f-vfg			ga,vn/vm,tc	as,vn/vm,tc	py,vn/vm,tc	sp,vn/vm,tc				vq			
202.10	202.40	Sst/Ssd	Rbf	lg			f-vfg			ga,vn/vm,tc	as,vn/vm,tc	py,vn/vm,tc	sp,vn/vm,tc				qc			050/4 breccia zone; Sst in cb matrix-tr py; lcm q-cb v- at top
202.40	203.40	Sst/Ssd	Rbf	lg			f-vfg			ga,vn/vm,tc	as,vn/vm,tc	py,vn/vm,tc	sp,vn/vm,tc							
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						130/7 py rich vq-2mm;cb fract controlled
209.40	209.60	Sst/Ssd	Rbf	lg			f-vfg			py,vn/vm				he?,vm						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								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						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 with py, as 3mm
218.50	218.80	Sst/Ssd	Rbf	lg			f-vfg			py,fj	py,vn/vm	as,vn/vm								vq and brecc with py vn vm
218.80	222.50	Sst/Ssd	Rbf	lg			f-vfg			py,vn/vm,tc	py,fj,tt									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,tc	py,fj,tc									v. few vq with py and py filled cb fract
225.80	226.50	Sst/Ssd	Rbf	lg			f-vfg			py,vn/vm,tc				cb,fract	py,fract			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,tc	as,vn/vm,tc									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,tc				ep,p						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,tc										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,tc	as,vn,tc	ga,vn,tc								236.2m:vq & py,sp as rich sm stockwork;lcm 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,tc										
242.80	246.10	Sst/Ssd	Rbf	lg			f-vfg			ga,vm,tc										a few <5mm vq & py,as silicif & he alt around larger veins
246.10	246.20	Sst/Ssd	Rbf	lg			f-vfg			ga,vm,tc										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,tc										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									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	266.80	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
266.80	269.00	Sst/Ssd	Rbf	lg			f-vfg			as,vn	py,vn									110/7 typical min vq 110/75W
269.00	271.50	Sst/Ssd	Rbf	lg			f-vfg			as,vn	py,vn									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								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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274035

21.10.97

**GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS**

**GRD9 CONTINUED**

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN TEXT. SIZE	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									
279.80	279.90	Sst/Ssd	Rbf	lg		f-vfg			py,vn,10%	ga,vn	Sp,vn	Au,vn					040/v		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													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 dislod by cb fract
291.50	292.20	Sst/Ssd	Rbf	lg		f-vfg													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 fract
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													298.1m: soft pale altered rock
300.00	301.70	Sst/Ssd	Rbf	lg		f-vfg													
301.70	302.40	Sst/Ssd	Rbf	lg		f-vfg			ga,vn,tr	sp,vn,tr									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									
306.00	306.80	Sst/Ssd	Rbf	lg		f-vfg	50	010-10E	py,vn	py,fj									few >5mm vq,tr py only,dist by later cb fract:50-010/10E
306.80	311.70	Sst/Ssd	Rbf	lg		f-vfg													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							311.7m:15mm vq with sulphs:311.7-313.5m:5mm vq almost //core
313.50	316.50	Sst/Ssd	Rbf	lg		f-vfg													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			ga-sp,vn,5%	py,vn,5%	As,vn,5%								318.4m:vq & sp-ga,Au?,as,py 15mm ~5% sulph
318.40	319.50	Sst/Ssd	Rbf	lg		f-vfg			ga-sp,vn,5%	py,vn,5%	As,vn,5%								str mineralised vq chalky look qtz & ~10% sulph
319.50	320.90	Sst/Ssd	Rbf	lg		f-vfg													
320.90	323.40	Sst/Ssd	Rbf	lg		f-vfg			ga-sp,vn,5%	py,vn,5%	As,vn,5%								320.9-325.5m:chalky vq av~7mm(py fract)s)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%								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%								324.3m:25mm vq & py, tr ga-sp
324.40	325.00	Sst/Ssd	Rbf	lg		f-vfg													
325.00	327.90	Sst/Ssd	Rbf	lg		f-vfg													v few, v small vq
327.90	328.00	Sst/Ssd	Rbf	lg		f-vfg			ga,vn	sp,vn	Py,vn	As?,vn							1cm vq & py,ga-sp,as?, v little vq
328.00	330.20	Sst/Ssd	Rbf	lg		f-vfg													v. little vq
330.20	330.60	Ssd/Sst	Rbf	lg		fg													lithol gets paler - Ssd
330.60	333.30	Ssd/Sst	Rbf	lg		fg													330.6m:qc veining-no sulph(different event),v little vq
333.30	334.50	Ssd/Sst	Rbf	lg		fg			as,vn	py,vn									as rich vq-cb fract
334.50	335.20	Ssd/Sst	Rbf	lg		fg			as,vn	py,vn									3mm vq - as rich
335.20	339.00	Ssd/Sst	Rbf	lg		fg													335.2m:6mm vq & as,py; occ <2mm vq & py (tr)
339.00	345.00	Ssd/Sst	Rbf	lg		fg													vq & silic,tr py & ep alt;occ <2mm vq & py(tr);also cb fract
345.00	347.50	Ssd/Sst	Rbf	lg		fg													core becomes broken; occ <2mm vq & py

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274036

21.10.97

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				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	PX NO	LAB JOB NO	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
2.00	3.00	202605	0750	D12959	0.01			5	15	19	<1	<1
3.00	4.00	202606	0750	D12959	2.62	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	0.30		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	0.62			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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274037

21.10.97

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD9 CONTINUED

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX NO	LAB JOB NO	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
49.00	50.00	202652	0750	D12959	0.01			17	32	59	<1	<1
50.00	51.00	202653	0750	D12959	0.04	0.02		6	9	39	<1	<1
51.00	52.00	202654	0750	D12959	0.04			8	11	42	<1	<1
52.00	53.00	202655	0750	D12959	0.03			6	13	52	<1	<1
53.00	54.00	202656	0750	D12959	0.09			5	10	54	<1	<1
54.00	55.00	202657	0750	D12959	0.06	0.04		7	5	37	<1	<1
55.00	56.00	202658	0750	D12959	0.07			3	6	36	8	<1
56.00	57.00	202659	0750	D12959	0.10			7	11	29	<1	<1
57.00	58.00	202660	0750	D12959	0.02	0.04		8	6	25	<1	<1
58.00	59.00	202661	0750	D12959	0.02			<2	9	33	<1	<1
59.00	60.00	202662	0750	D12959	0.01			8	10	32	3	<1
60.00	61.00	202663	0750	D12959	0.08			7	5	35	<1	<1
61.00	62.00	202664	0750	D12959	0.03			3	7	32	<1	<1
62.00	63.00	202665	0750	D12959	0.04			8	4	41	<1	<1
63.00	64.00	202666	0750	D12959	0.02			9	4	45	<1	<1
64.00	65.00	202667	0750	D12959	0.01			14	8	57	33	<1
65.00	66.00	202668	0750	D12959	0.02			9	7	67	61	<1
66.00	67.00	202669	0750	D12959	0.02			16	5	58	9	<1
67.00	68.00	202670	0750	D12959	0.04			5	<3	49	20	<1
68.00	69.00	202671	0750	D12959	0.02			9	9	61	9	<1
69.00	70.00	202672	0750	D12959	0.01			15	9	97	62	<1
70.00	71.00	202673	0750	D12959	0.01			7	16	55	20	<1
71.00	72.00	202674	0750	D12959	0.01	0.02		11	6	41	15	<1
72.00	73.00	202675	0750	D12959	0.02			19	5	44	4	<1
73.00	74.00	202676	0750	D12959	0.07			9	<3	54	4	<1
74.00	75.00	202677	0750	D12959	0.05			29	40	96	74	<1
75.00	76.00	202678	0750	D12959	0.01			16	14	49	6	<1
76.00	77.00	202679	0750	D12959	<0.01			20	14	69	2	<1
77.00	78.00	202680	0750	D12959	<0.01			23	14	81	52	<1
78.00	79.00	202681	0750	D12959	0.01	<0.01		43	17	74	56	<1
79.00	80.00	202682	0750	D12959	0.02			14	9	56	22	<1
80.00	81.00	202683	0750	D12959	0.02			12	<3	63	61	<1
81.00	82.00	202684	0750	D12959	0.02			17	14	89	50	<1
82.00	83.00	202685	0750	D12959	0.04	<0.01		16	3	73	52	<1
83.00	84.00	202686	0750	D12959	0.05			7	5	55	3	<1
84.00	85.00	202687	0750	D12959	0.04			8	5	39	75	<1
85.00	86.00	202688	0750	D12959	0.02			15	19	62	24	<1
86.00	87.00	202689	0750	D12959	0.02			21	44	45	60	<1
87.00	88.00	202690	0750	D12959	0.02			11	6	51	19	<1
88.00	89.00	202691	0750	D12959	0.02			9	8	33	2	<1
89.00	90.00	202692	0750	D12959	0.03			7	5	30	16	<1
90.00	91.00	202693	0750	D12959	0.01			12	6	26	22	<1
91.00	92.00	202694	0750	D12959	0.03			11	<3	89	50	<1
92.00	93.00	202695	0750	D12959	0.03	0.04		23	<3	69	8	<1
93.00	94.00	202696	0750	D12959	0.02			34	12	67	<1	<1
94.00	95.00	202697	0750	D12959	0.01			12	4	89	50	<1
95.00	96.00	202698	0750	D12959	0.01			11	4	85	50	<1
96.00	97.00	202699	0750	D12959	0.03			20	8	96	89	<1
97.00	98.00	202700	0750	D12959	0.02			46	35	65	79	<1
98.00	99.00	202701	0750	D12959	0.01			9	7	40	59	<1
99.00	100.00	202702	0750	D12959	0.03	0.02		19	84	89	<1	<1
100.00	101.00	202703	0750	D12959	0.03			81	26	84	69	<1
101.00	102.00	202704	0750	D12959	0.04			79	47	44	66	<1
102.00	103.00	202705	0750	D12959	0.11	0.26		24	12	23	1	<1
103.00	104.00	202706	0750	D12959	0.07			7	6	30	1	<1
104.00	105.00	202707	0750	D12959	0.04			9	5	32	<1	<1
105.00	106.00	202708	0750	D12959	0.04			14	15	53	51	<1

CONTINUED...

274038

21.10.97

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD9 CONTINUED

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX	LAB JOB NO	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
106.00	107.00	202709	0750	D12959	0.04			5	14	40	60	<1
107.00	108.00	202710	0750	D12959	0.03			7	9	35	<1	<1
108.00	109.00	202711	0750	D12959	0.01	<0.01		13	26	29	50	<1
109.00	110.00	202712	0750	D12959	<0.01			10	45	48	<1	<1
110.00	111.00	202713	0750	D12959	<0.01			9	12	39	<1	<1
111.00	112.00	202714	0750	D12959	<0.01			6	4	32	16	<1
112.00	113.00	202715	0750	D12959	0.01			10	9	25	11	<1
113.00	114.00	202716	0750	D12959	0.02	0.02		7	20	29	59	<1
114.00	115.00	202717	0750	D12959	<0.01			10	28	44	71	<1
115.00	116.00	202718	0750	D12959	0.01			14	7	65	50	<1
116.00	117.00	202719	0750	D12959	0.04			6	19	54	6	<1
117.00	118.00	202720	0750	D12959	0.01			21	11	78	20	<1
118.00	119.00	202721	0750	D12959	0.02			11	11	62	7	<1
119.00	120.00	202722	0750	D12959	<0.01			29	13	74	70	<1
120.00	121.00	202723	0750	D12959	<0.01	<0.01		9	14	45	10	<1
121.00	122.00	202724	0750	D12959	0.02			13	16	64	<1	<1
122.00	123.00	202725	0750	D12959	<0.01			31	16	83	68	<1
123.00	124.00	202726	0750	D12959	<0.01			17	13	68	98	<1
124.00	125.00	202727	0750	D12959	<0.01			20	15	77	60	<1
125.00	126.00	202728	0750	D12959	<0.01			14	14	63	8	<1
126.00	127.00	202729	0750	D12959	0.02	<0.01		15	14	42	27	<1
127.00	128.00	202730	0750	D12959	0.02			15	12	35	60	<1
128.00	129.00	202731	0750	D12959	0.06			14	10	58	75	<1
129.00	130.00	202732	0750	D12959	0.05			24	14	63	122	<1
130.00	131.00	202733	0750	D12959	0.13	0.04		13	9	53	76	2
131.00	132.00	202734	0750	D12959	0.09			27	47	95	67	<1
132.00	133.00	202735	0750	D12959	0.06			17	43	71	66	<1
133.00	134.00	202736	0750	D12959	0.04			13	14	52	56	<1
134.00	135.00	202737	0750	D12959	<0.01	<0.01		4	12	36	57	<1
135.00	136.00	202738	0750	D12959	<0.01			22	12	78	64	<1
136.00	137.00	202739	0750	D12959	<0.01	<0.01		6	10	33	66	<1
137.00	138.00	202740	0750	D12959	<0.01			19	7	80	76	<1
138.00	139.00	202741	0750	D12959	<0.01			5	9	33	66	<1
139.00	140.00	202742	0750	D12959	0.05	<0.01		22	12	68	123	<1
140.00	141.00	202743	0750	D12959	<0.01			15	11	62	121	<1
141.00	142.00	202744	0750	D12959	<0.01	<0.01		20	13	60	75	<1
142.00	143.00	202745	0750	D12959	<0.01			23	11	87	76	<1
143.00	144.00	202746	0750	D12959	<0.01			17	9	87	65	<1
144.00	145.00	202747	0750	D12959	<0.01			20	20	84	<1	<1
145.00	146.00	202748	0750	D12959	0.01			36	<3	88	94	<1
146.00	147.00	202749	0750	D12959	0.02			11	<3	48	287	<1
147.00	148.00	202750	0750	D12959	0.01			14	10	57	27	<1
148.00	149.00	202751	0750	D12959	0.34	0.35		26	14	86	30	<1
149.00	150.00	202752	0750	D12959	0.03			21	<3	66	152	<1
150.00	151.00	202753	0750	D12959	5.96	6.27		6	20	88	74	<1
151.00	152.00	202754	0750	D12959	0.14	<0.01		11	13	60	85	<1
152.00	153.00	202755	0750	D12959	0.18			9	13	58	104	<1
153.00	154.00	202756	0750	D12959	0.07			6	11	34	57	<1
154.00	155.00	202757	0750	D12959	0.08			26	24	123	67	<1
155.00	156.00	202758	0750	D12959	0.72	0.80		16	12	59	66	<1
156.00	157.00	202759	0750	D12959	0.04			12	12	51	54	<1
157.00	158.00	202760	0750	D12959	<0.01	0.04		16	10	62	133	<1
158.00	159.00	202761	0750	D12959	0.31	0.32		28	4	88	84	<1
159.00	160.00	202762	0750	D12959	0.01			24	8	65	75	<1
160.00	161.00	202763	0749	D12958	0.12			33	20	80	88	<1
161.00	162.00	202764	0749	D12958	0.15	0.18		20	24	86	60	<1
162.00	163.00	202765	0749	D12958	0.04			34	8	70	23.9	<1

CONTINUED...

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRDS CONTINUED

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX NO	LAB JOB NO	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
163.00	164.00	202766	0749	D12958	0.05			20	33	106	60	<1
164.00	165.00	202767	0749	D12958	0.06			36	5	66	70	<1
165.00	166.00	202768	0749	D12958	0.49			25	88	100	110	<1
166.00	167.00	202769	0749	D12958	0.31	0.35		21	26	51	60	<1
167.00	168.00	202770	0749	D12958	2.53	2.22		15	26	33	59	<1
168.00	169.00	202771	0749	D12958	0.62			22	25	57	79	<1
169.00	170.00	202772	0749	D12958	0.21			18	11	59	25.4	<1
170.00	171.00	202773	0749	D12958	0.20			28	21	74	<50	<1
171.00	172.00	202774	0749	D12958	0.16			20	4	49	247	<1
172.00	173.00	202775	0749	D12958	0.22			37	10	61	110	<1
173.00	174.00	202776	0749	D12958	0.12	0.11		22	19	91	119	<1
174.00	175.00	202777	0749	D12958	0.44			26	23	52	167	<1
175.00	176.00	202778	0749	D12958	0.07			19	<3	58	60	<1
176.00	177.00	202779	0749	D12958	0.01			27	11	71	59	<1
177.00	178.00	202780	0749	D12958	0.04			33	32	52	50	<1
178.00	179.00	202781	0749	D12958	5.13	8.12		30	140	111	4780	<1
179.00	180.00	202782	0749	D12958	1.93	1.59		47	73	68	3200	<1
180.00	181.00	202783	0749	D12958	0.22			29	42	82	98	<1
181.00	182.00	202784	0749	D12958	<0.01			16	14	83	70	<1
182.00	183.00	202785	0749	D12958	<0.01			26	5	67	34.9	<1
183.00	184.00	202786	0749	D12958	<0.01			9	4	79	59	<1
184.00	185.00	202787	0749	D12958	<0.01			29	15	99	70	<1
185.00	186.00	202788	0749	D12958	<0.01			23	11	78	50	<1
186.00	187.00	202789	0749	D12958	0.10			32	16	95	80	<1
187.00	188.00	202790	0749	D12958	0.15	0.13		29	26	112	91	<1
188.00	189.00	202791	0749	D12958	0.05			27	12	82	79	<1
189.00	190.00	202792	0749	D12958	<0.01			22	15	90	80	<1
190.00	191.00	202793	0749	D12958	0.13			54	40	86	356	<1
191.00	192.00	202794	0749	D12958	<0.01			15	10	92	90	<1
192.00	193.00	202795	0749	D12958	<0.01			79	4	87	69	<1
193.00	194.00	202796	0749	D12958	<0.01			68	68	82	90	<1
194.00	195.00	202797	0749	D12958	<0.01	<0.01		31	13	88	60	<1
195.00	196.00	202798	0749	D12958	<0.01			25	4	90	78	<1
196.00	197.00	202799	0749	D12958	0.69	0.60		53	109	172	101	<1
197.00	198.00	202800	0749	D12958	0.70	0.82		55	125	211	100	<1
198.00	199.00	202801	0749	D12958	0.09	0.13		31	30	106	99	<1
199.00	200.00	202802	0749	D12958	0.40			31	34	103	80	<1
200.00	201.00	202803	0749	D12958	0.20			150	87	112	59	<1
201.00	202.00	202804	0749	D12958	0.22			31	18	93	90	<1
202.00	203.00	202805	0749	D12958	0.13	0.20		42	17	97	60	<1
203.00	204.00	202806	0749	D12958	0.10			31	22	94	69	<1
204.00	205.00	202807	0749	D12958	0.04			35	17	95	50	<1
205.00	206.00	202808	0749	D12958	0.01			38	14	90	14.2	<1
206.00	207.00	202809	0749	D12958	0.01			34	16	89	16.7	<1
207.00	208.00	202810	0749	D12958	0.26	0.24		34	25	106	59	<1
208.00	209.00	202811	0749	D12958	0.02	0.02		43	10	95	78	<1
209.00	210.00	202812	0749	D12958	0.53			36	17	79	253	<1
210.00	211.00	202813	0749	D12958	0.04	0.04		31	13	101	80	<1
211.00	212.00	202814	0749	D12958	2.07	2.16		19	114	138	202	<1
212.00	213.00	202815	0749	D12958	0.16			33	17	101	88	<1
213.00	214.00	202816	0749	D12958	0.02			47	15	103	71	1
214.00	215.00	202817	0749	D12958	0.01			68	19	93	60	<1
215.00	216.00	202818	0749	D12958	0.01	0.01		36	28	115	100	<1
216.00	217.00	202819	0749	D12958	0.01			37	14	87	71	<1
217.00	218.00	202820	0749	D12958	0.02			47	21	150	51	1
218.00	219.00	202821	0749	D12958	0.20			50	234	358	59	<1
219.00	220.00	202822	0749	D12958	0.63			53	20	105	71	<1

CONTINUED...

274040

21.10.97

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD9 CONTINUED

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)
220.00	221.00	202823	0749	D12958	<0.01			54	22	104	71	1
221.00	222.00	202824	0749	D12958	<0.01			57	19	109	50	<1
222.00	223.00	202825	0749	D12958	<0.01			51	23	112	3.9	<1
223.00	224.00	202826	0749	D12958	<0.01			52	18	105	3.0	<1
224.00	225.00	202827	0749	D12958	<0.01			36	17	88	59	<1
225.00	226.00	202828	0749	D12958	<0.01			38	34	137	9.6	<1
226.00	227.00	202829	0749	D12958	0.01			62	23	107	80	<1
227.00	228.00	202830	0749	D12958	<0.01			61	16	110	14.0	<1
228.00	229.00	202831	0749	D12958	0.01			56	44	113	9.1	<1
229.00	230.00	202832	0749	D12958	<0.01	0.02		92	35	121	5.1	<1
230.00	231.00	202833	2061	D12973	0.22			35	26	108	12.8	<1
231.00	232.00	202834	2061	D12973	0.21			41	12	87	12.7	<1
232.00	233.00	202835	2061	D12973	0.16			54	19	99	6.9	<1
233.00	234.00	202836	2061	D12973	0.09			39	14	93	6.7	<1
234.00	235.00	202837	2061	D12973	0.16			35	12	94	13.0	<1
235.00	236.00	202838	2061	D12973	0.40			38	15	121	64	1
236.00	237.00	202839	2061	D12973	1.14	0.62	0.76	33	175	200	1222	2
237.00	238.00	202840	2061	D12973	0.30			23	33	149	528	1
238.00	239.00	202841	2061	D12973	0.08			135	8	83	38.0	<1
239.00	240.00	202842	2061	D12973	0.06			5	11	90	59	<1
240.00	241.00	202843	2061	D12973	0.08			16	8	87	21.6	<1
241.00	242.00	202844	2061	D12973	0.08			13	7	89	8.0	<1
242.00	243.00	202845	2061	D12973	0.40			18	40	78	526	<1
243.00	244.00	202846	2061	D12973	0.07	0.05		21	12	98	11.7	<1
244.00	245.00	202847	2061	D12973	0.09	0.08		37	12	86	14.7	<1
245.00	246.00	202848	2061	D12973	0.21			20	15	92	7.0	<1
246.00	247.00	202849	2061	D12973	0.13			16	12	92	9.0	<1
247.00	248.00	202850	2061	D12973	0.08			15	10	95	9.4	<1
248.00	249.00	202851	2061	D12973	0.64	0.63		31	15	99	33.3	<1
249.00	250.00	202852	2061	D12973	0.15			25	7	96	11.3	<1
250.00	251.00	202853	2061	D12973	0.35			19	10	83	7.8	<1
251.00	252.00	202854	2061	D12973	0.05			15	5	89	11.4	<1
252.00	253.00	202855	2061	D12973	0.35			149	7	88	8.7	<1
253.00	254.00	202856	2061	D12973	0.13			31	4	92	10.1	<1
254.00	255.00	202857	2061	D12973	0.53			29	8	76	173	<1
255.00	256.00	202858	2061	D12973	0.59			22	12	69	192	<1
256.00	257.00	202859	2061	D12973	0.19			22	10	67	266	<1
257.00	258.00	202860	2061	D12973	0.18	0.17		24	8	78	53	<1
258.00	259.00	202861	2061	D12973	0.05			46	17	75	9.1	<1
259.00	260.00	202862	2061	D12973	0.16			21	5	102	8.7	<1
260.00	261.00	202863	2061	D12973	0.17			20	6	84	36.8	<1
261.00	262.00	202864	2061	D12973	0.10			27	37	72	90	<1
262.00	263.00	202865	2061	D12973	0.14			15	4	86	13.8	<1
263.00	264.00	202866	2061	D12973	0.23			22	3	79	8.7	<1
264.00	265.00	202867	2061	D12973	0.26	0.22		29	<3	85	13.4	<1
265.00	266.00	202868	2061	D12973	0.46			20	45	111	1120	<1
266.00	267.00	202869	2061	D12973	0.12			31	15	86	45.9	<1
267.00	268.00	202870	2061	D12973	0.18			21	8	78	32.0	<1
268.00	269.00	202871	2061	D12973	0.55			32	3	85	55	<1
269.00	270.00	202872	2061	D12973	1.14	1.38	1.00	24	35	80	78	<1
270.00	271.00	202873	2061	D12973	0.34			26	9	71	123	<1
271.00	272.00	202874	2061	D12973	0.30			14	43	66	89	<1
272.00	273.00	202875	2061	D12973	0.34			34	16	80	66	<1
273.00	274.00	202876	2061	D12973	0.08			22	16	68	26.7	<1
274.00	275.00	202877	2061	D12973	0.17			28	26	76	62	<1
275.00	276.00	202878	2061	D12973	0.03	0.63		28	10	89	10.7	<1
276.00	277.00	202879	2061	D12973	0.26			50	8	79	295	<1

CONTINUED...

274041

21.10.97

**GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS**

**GRD9 CONTINUED**

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX NO	LAB JOB NO	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
277.00	278.00	202880	2001	E12973	0.66	0.43		23	30	140	60	<1
278.00	279.00	202881	2001	D12973	0.13	0.14		20	29	91	85	<1
279.00	280.00	202882	2001	D12973	18.90	12.34		25	234	192	121	<1
280.00	281.00	202883	2001	D12973	0.20			49	41	97	42.7	<1
281.00	282.00	202884	2001	D12973	0.33			35	22	92	29.0	<1
282.00	283.00	202885	2001	D12973	0.40	0.41		13	13	85	25.1	<1
283.00	284.00	202886	2001	D12973	0.04			22	16	92	12.6	<1
284.00	285.00	202887	2001	D12973	0.11			32	15	105	10.7	<1
285.00	286.00	202888	2001	D12973	0.42	0.40		9	13	71	39.3	<1
286.00	287.00	202889	2001	D12973	0.08			<2	6	33	16.6	<1
287.00	288.00	202890	2001	D12973	0.08			3	4	29	8.0	<1
288.00	289.00	202891	2001	D12973	<0.01			11	12	72	15.0	<1
289.00	290.00	202892	2001	D12973	0.14			17	12	74	56	<1
290.00	291.00	202893	2001	D12973	0.06			22	13	75	32.4	<1
291.00	292.00	202894	2001	D12973	0.03			16	14	86	46.7	<1
292.00	293.00	202895	2001	D12973	0.01			15	11	84	34.8	<1
293.00	294.00	202896	2001	D12973	0.02			17	12	82	39.1	<1
294.00	295.00	202897	2001	D12973	<0.01			23	22	87	45.9	<1
295.00	296.00	202898	2001	D12973	4.49	4.86		15	532	446		2
296.00	297.00	202899	2001	D12973	0.50			13	523	350	3335	2
297.00	298.00	202900	2001	D12973	1.12			15	50	119	427	1
298.00	299.00	202901	2001	D12973	0.10			16	30	92	61	1
299.00	300.00	202902	2001	D12973	0.08	0.08		10	14	89	33.1	1
300.00	301.00	202903	2001	D12973	1.16			48	25	151	101	2
301.00	302.00	202904	2001	D12973	2.56			26	23	117	543	2
302.00	303.00	202905	2001	D12973	1.15			20	9	89	2372	2
303.00	304.00	202906	2001	D12973	0.12			12	15	38	25.3	1
304.00	305.00	202907	2001	D12973	0.11			22	14	33	24.9	2
305.00	306.00	202908	2001	D12973	0.04			29	9	75	77	1
306.00	307.00	202909	2001	D12973	0.03	0.02		5	<3	39	104	1
307.00	308.00	202910	2001	D12973	0.08	0.09		6	4	90	60	<1
308.00	309.00	202911	2001	D12973	0.31			12	33	98	70	1
309.00	310.00	202912	2001	D12973	0.11			40	6	87	33.2	1
310.00	311.00	202913	2001	D12973	0.04			39	10	87	19.5	1
311.00	312.00	202914	2001	D12973	4.62	4.17		38	261	201	78	4
312.00	313.00	202915	2001	D12973	0.37			24	41	84	84	2
313.00	314.00	202916	2001	D12973	0.62			27	131	99	106	2
314.00	315.00	202917	2001	D12973	0.02			18	53	150	23.2	2
315.00	316.00	202918	2001	D12973	0.29			20	357	301	21.9	2
316.00	317.00	202919	2001	D12973	0.10			21	73	136	34.7	1
317.00	318.00	202920	2001	D12973	0.05			15	9	87	21.0	1
318.00	319.00	202921	2001	D12973	26.50	20.40		14	636	512	108	5
319.00	320.00	202922	2001	D12973	0.26			26	589	323	60	3
320.00	321.00	202923	2001	D12973	0.09			32	878	264	73	4
321.00	322.00	202924	2001	D12973	0.05	0.06		29	25	99	105	1
322.00	323.00	202925	2001	D12973	1.02			15	361	106	110	2
323.00	324.00	202926	2001	D12973	0.27	0.46		18	315	323	113	2
324.00	325.00	202927	2001	D12973	0.91			46	115	158	66	2
325.00	326.00	202928	2001	D12973	1.18			93	35	66	75	1
326.00	327.00	202929	2001	D12973	0.20			17	12	92	27.3	1
327.00	328.00	202930	2001	D12973	1.37	2.88	1.90	15	83	114	75	2
328.00	329.00	202931	2001	D12973	0.26			16	53	97	31.7	2
329.00	330.00	202932	2001	D12973	0.04			18	17	88	31.3	2
330.00	331.00	202933	2001	D12973	0.02			12	15	90	71	2
331.00	332.00	202934	2001	D12973	0.02			9	13	87	19.2	1
332.00	333.00	202935	2001	D12973	0.02			16	10	82	57	1
333.00	334.00	202936	2001	D12973	0.03			28	8	66	775	1

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274042

21.10.97

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD9 CONTINUED

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX NO	LAB JOB NO	Au (ppm)	Ppt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
334.00	335.00	202937	2001	D12973	0.38			10	9	92	2530	1
335.00	336.00	202938	2001	D12973	5.76	5.16		13	30	107	712	3
336.00	337.00	202939	2001	D12973	0.12			14	7	81	27.1	2
337.00	338.00	202940	2001	D12973	0.04	0.04		10	5	60	90	1
338.00	339.00	202941	2001	D12973	0.04			14	26	68	196	1
339.00	340.00	202942	2001	D12973	0.08			12	22	55	33.5	1
340.00	341.00	202943	2001	D12973	0.08			21	6	67	23.7	1
341.00	342.00	202944	2001	D12973	0.01			24	22	73	20.4	1
342.00	343.00	202945	2001	D12973	<0.01			15	9	54	21.1	1
343.00	344.00	202946	2001	D12973	0.02			7	7	79	23.0	1
344.00	345.00	202947	2001	D12973	<0.01			10	<3	55	18.1	1
345.00	346.00	202948	2001	D12973	0.02			8	8	53	102	1
346.00	347.00	202949	2001	D12973	0.03			15	16	81	29.2	1
347.00	348.00	202950	2001	D12973	0.51			13	7	78	49.7	2
348.00	349.00	202951	2001	D12973	0.05			11	8	52	43.4	1
349.00	350.00	202952	2001	D12973	0.11			10	12	52	44.0	1
350.00	351.00	202953	2001	D12973	0.08			20	12	89	46.8	1
351.00	352.00	202954	2001	D12973	0.11			14	4	55	42.4	1
352.00	352.50	202955	2001	D12973	0.04	0.05		22	6	54	26.7	1

274043

21.10.97

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

HOLE	AMG EAST	AMG NORTH	RL	GRID AZIMUTH	DIP	DEPTH	DATE	GEOLOGIST
GRD010	585908.2	5415373.3	495.87	327.00	-70	306.2	19/03/97	G.MASUR

SURVEY DEPTH	GRID AZIMUTH	DIP
15.00	330.50	-68.00
30.00	330.00	-69.00
60.00	332.00	-70.00
90.00	333.00	-70.00
120.00	335.00	-70.00
150.00	336.00	-70.00
180.00	338.00	-70.00
210.00	337.00	-70.00
240.00	341.50	-70.00
270.00	343.50	-70.50
300.00	344.00	-71.00

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
0.00	5.70	Ssd	Rbo	ye gy		fg								cb, frac						ye FeOx stain around fract. Broken core 0-2.6m
5.70	7.60	Ssd	Rbo	ye gy		fg								cb, frac			vq	30° LCA		ye Fe stained vq-5cm euhedral qu growing into open space
7.60	7.90	Ssd	Rbo	ye gy		fg								cb, frac						7.6m: intense fracturing. 7.6-7.9m: broken core
7.90	8.40	Ssd	Rbo	ye gy		fg								cb, frac						broken core. Pk he weath controlled by fract-he selvages
8.40	8.60	Ssd	Rbo	ye gy		fg								cb, frac						
8.60	8.90	Ssd	Rbo	ye gy		fg								cb, frac						
8.90	11.80	Sst	Rbo	pk gy		vfg								cb, frac						leached Sst - pale
11.80	14.40	Ssd	Rbo	gy		fg								cb, frac						
14.40	15.60	Sst	Rbo	ye gy		vfg								cb, frac						
15.60	17.20	Sst	FeOx	ye gy		vfg								cb, frac						ye FeOx stn in abund fract; 15.9m: 2cm fault gouge
17.20	19.80	Sst	Rbo	gy		vfg								cb, frac						17.2m: 2cm fault gouge; ye FeOx stn; pk he stn assoc with fract
19.80	20.70	Ssd/Sst	Rbf	gy gr		fg								cb, frac						
20.70	21.10	Ssd/Sst	Rbf	gy gr		fg								cb, frac			vq	// LCA		3mm vq // core disloc by fractures
21.10	22.40	Ssd/Sst	Rbf	gy gr		fg								cb, frac						
22.40	22.60	Ssd/Sst	MnOx	gy gr		fg								ch, frac						dendritic MnO in silty layer
22.60	25.00	Ssd/Sst	Rbf	gy gr		fg								ch, frac						22.6m: MnO abundant around fractures
25.00	25.50	Ssd	Rbf	gy gr		fg								ch, frac						
25.50	28.50	Ssd	Rbf	gy gr		fg								ch, frac	he, frc		vq	55° core		25.5m: vq in gr, ch alt; Sst layer
28.50	28.70	Sst	Rbf	gy gr		vfg								ch, frac	he, frc					Sst layer
28.70	34.60	Ssd	Rbf	gy gr		fg								ch, frac	he, frc		vq	sub// cor		34.6m: 3mm vq
34.60	35.20	Ssd	Rbf	gy gr		fg								ch, frac	he, frc					
35.20	37.20	Ssd	Rbo	gy gr		fg								ch, frac	he, frc		vq, 50?	// core		vq-euhedral qz-open with ye FeOx; 1-2cm wide // core
37.20	38.10	Ssd	Rbo	ye ltgy		fg								ch, frac	he, frc					
38.10	40.30	Ssd	Rbo	ye ltgy		fg								ch, frac	he, frc					
40.30	41.90	Ssd	Rbo	ye ltgy		fg								ch, frac	he, frc					broken core (not gouge though
41.90	43.00	Ssd	Rbo	ye ltgy		fg								ch, frac	he, frc		vq, 50?			vq with dk gy selvage
43.00	44.20	Ssd	Rbo	ye ltgy		fg								ch, frac	he, frc					
44.20	44.30	Ssd	Rbo	ye ltgy		fg								ch, frac	he, frc		vq			44.2m: 1.5cm vq

CONTINUED...

274044

21.10.97

**GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS**

**GRD10 CONTINUED**

DEPTH FROM	DEPTH TO	LITHO CODE	WTH	COLOUR	MIN	GRAIN TEXT. SIZE	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
44.30	45.00	Ssd	Rbo	ye	ltgy	fg							ch,frac	he,frc					
45.00	45.90	Ssd	Rbo	gy	gt	fg							ch,frac	he,frc					
45.90	46.40	Ssd	Rbf	gy	gt	fg							ch,frac	he,frc					
46.40	50.00	Ssd/Sst	Rbf	gy	gt	fg							ch,frac	he,frc					45.9m:-2cm fault gouge, ye stained
50.00	50.70	Ssd	Rbf	gy		fg													no ye staining after 46.6m
50.70	51.50	Sst	Rbf	gy		fg													
51.50	54.50	Ssd/Sst	Rbf	gy		fg													
54.50	54.60	Sst	Rbf	gy		vfg													
54.60	54.70	Sst	Rbf	gy		vfg													
54.70	55.10	Sst	Rbf	gy		vfg													
55.10	59.40	Ssd/Sst	Rbf	gy		fg													
59.40	60.50	Ssd/Sst	Rbf	lg		fg													
60.50	61.50	Ssd/Sst	Rbf	lg		vfg													
61.50	61.70	Ssd/Sst	Rbf	lg		vfg							si,p	cb,f					
61.70	62.00	Ssd/Sst	Rbf	lg		vfg							si,p	cb,f					
62.00	66.30	Ssd/Sst	Rbf	lg		vfg							si,p	cb,f					
66.30	67.20	Ssd/Sst	Rbf	lg		vfg													
67.20	69.50	Ssd/Sst	Rbf	gy		vfg													
69.50	72.60	Ssd	Rbf	gy		fg													
72.60	72.70	Ssd	Rbf	gy		fg													
72.70	74.30	Ssd	Rbf	gy		fg													
74.30	74.40	Sst	Rbf	gy		fg													
74.40	74.60	Sst	Rbf	gy		fg													
74.60	78.00	Ssd	Rbf	gy		fg													
78.00	79.60	Ssd	Rbf	gy		fg													
79.60	80.00	Ssd	Rbf	gy		fg													
80.00	82.60	Ssd	Rbf	gy		fg													
82.60	83.40	Ssd	Rbf	gy		fg													
83.40	84.20	Sst	Rbf	gy		vfg													
84.20	86.80	Ssd	Rbf	gy		fg													
86.80	87.20	Sst	Rbf	gy		vfg													
87.20	90.00	Sst	Rbf	gy		vfg	So	045/40SE											
90.00	92.00	Sst/Ssd	Rbf	gy		vfg													
92.00	95.70	Sst/Ssd	Rbf	gy	lg	vfg													
95.70	97.00	Ssd/vq	Rbf	gy	lg	fg			as,vn				si,p	cb,f					
97.00	97.60	Sst/Ssd	Rbf	gy	lg	vfg													
97.60	98.50	Sst/Ssd	Rbf	gy	lg	vfg							cb,f						
98.50	99.00	Sst/Ssd	Rbf	gy	lg	vfg	So	080/25N					cb,f						
99.00	100.00	Sst/Ssd	Rbf	gy	lg	vfg							cb,f						
100.00	101.80	Sst/Ssd	Rbf	gy		vfg													
101.80	101.90	Sst/Ssd	Rbf	gy		vfg													
101.90	105.10	Sst/Ssd	Rbf	gy		vfg													
105.10	105.30	Sst/Ssd	Rbf	gy		vfg													
105.30	106.50	Sst/Ssd	Rbf	gy		vfg													
106.50	107.00	Sst/Ssd	Rbf	gy		vfg													
107.00	108.50	Sst/Ssd	Rbf	gy		vfg													
108.50	111.00	Sst/Ssd	Rbf	lt gy		vfg													
111.00	114.00	Sst/Ssd	Rbf	gy		vfg													
114.00	114.10	Sst/Ssd	Rbf	gy		vfg													
114.10	116.10	Sst/Ssd	Rbf	gy		vfg													
116.10	116.60	Sst/Ssd	Rbf	gy		vfg	So	130/30S											
116.60	118.20	Sst/Ssd	Rbf	gy		vfg	fract	335/75E											

CONTINUED...

274045

21.10.97

**GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS**

GRD10 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	VEIN ORI	DESCRIPTION
118.20	119.00	Sst/Ssd	Rbf	gy		vfg				ga,vn/fj, tr	py,vn/fj, tr	Ep?,vn/fj, tr	Au?,vn/fj, tr							v. small vq and tr ga,py, chalc? or Au
119.00	119.90	Sst/Ssd	Rbf	gy		vfg				ga,vn/fj, tr	py,vn/fj, tr	Ep?,vn/fj, tr	Au?,vn/fj, tr	si,p						a few lmm vq and py
119.90	120.00	Sst/Ssd	Rbf	gy		vfg				py,vn, tr	sp?,vn, tr			si,p						small vq and tr py, sp? silic Sst
120.00	120.30	Sst/Ssd	Rbf	gy		vfg				py,vn, 10%				si,p			vq			fractured and silic Sst
120.30	120.60	Sst/Ssd	Rbf	gy		vfg								si,p						
120.60	123.00	Sst/Ssd	Rbf	gy		vfg														
123.00	123.30	Sst/Ssd	Rbf	gy		vfg				py,vn/fj, tr-										vq
123.30	124.00	Sst/Ssd	Rbf	gy		vfg														
124.00	124.20	Sst/Ssd	Rbf	wh		vfg								si,p						bleached, fract, silic Sst
124.20	125.40	Sst/Ssd	Rbf	wh		vfg								si,p						124.2m: vq- no sulph; narrow gouge just above
125.40	126.10	Sst/Ssd	Rbf	gy		vfg								si,p						
126.10	126.20	Sst/Ssd	Rbf	gy		vfg				py,vn, tr										vq
126.20	127.50	Sst/Ssd	Rbf	gy		vfg	So		070/45S											040/5
127.50	130.50	Sst/Ssd	Rbf	ltgy wh		vfg														
130.50	130.60	Sst/Ssd	Rbf	ltgy wh		vfg				py,vn/fj, tr										
130.60	131.90	Sst/Ssd	Rbf	ltgy wh		vfg														
131.90	132.60	fault	Rbf	ltgy wh		vfg								cb,p						
132.60	133.00	Sst/Ssd	Rbf	gy		vfg														
133.00	134.70	Sst/Ssd	Rbf	gy		vfg														
134.70	135.90	Sst/Ssd	Rbf	gy		vfg				py,vn, tr										vq, 15%
135.90	136.50	Sst/Ssd	Rbf	gy		vfg														//So
136.50	140.10	Sst/Ssd	Rbf	gy		vfg	So		030/10NW											
140.10	140.20	Sst/Ssd	Rbf	gy		vfg				py,vn, 2%										
140.20	142.10	Sst/Ssd	Rbf	gy		vfg														
142.10	142.20	Sst/Ssd	Rbf	gy		vfg				py,vn, tr										
142.20	144.80	Sst/Ssd	Rbf	gy		vfg														vq
144.80	145.50	Sst/Ssd	Rbf	gy		vfg								py, f						vq, 2%
145.50	148.50	Sst/Ssd	Rbf	gy		vfg				py,vn, tr-				py, f						
148.50	149.50	Sst/Ssd	Rbf	gy		vfg				py,vn, tr-	as, vn, tr			py, f						
149.50	150.00	Sst/Ssd	Rbf	gy		vfg				py,vn, tr-				py, f						
150.00	154.50	Sst/Ssd	Rbf	gy		vfg				py,vn/fj, tr										
154.50	157.70	Sst/Ssd	Rbf	gy		vfg				py,vn/fj, tr-										
157.70	157.80	Sst/Ssd	Rbf	gy		vfg				py,vn/fj, tr-	ga									
157.80	159.50	Sst/Ssd	Rbf	gy		vfg				py,vn/fj, tr-										
159.50	159.60	Sst/Ssd	Rbf	gy		vfg				py,vn/fj, tr-	Au	Ga	Sp							
159.60	160.80	Sst/Ssd	Rbf	gy		vfg				py,vn/fj, tr-										
160.80	160.90	Sst/Ssd	Rbf	gy		vfg				py,vn/fj, tr-	sp, 1%									
160.90	161.70	Sst/Ssd	Rbf	gy		vfg				py,vn/fj, tr-										
161.70	164.40	Sst/Ssd	Rbf	gy		vfg				py,vn/fj, tr										
164.40	168.70	Sst/Ssd	Rbf	gy		vfg				py,vn/fj, tr										
168.70	169.10	alt frac	Rbf	lg		vfg				py,vn/fj	as, vn/fj	Ga, vn/fj	Sp, vn/fj							
169.10	171.10	Sst/Ssd	Rbf	gy		vfg				py, tr										
171.10	171.20	Sst/Ssd	Rbf	gy		vfg				py, tr										
171.20	173.80	Sst/Ssd	Rbf	gy		vfg				py, tr										
173.80	175.00	Sst/Ssd	Rbf	gy		vfg				py, tr	sp, vn, tr									
175.00	176.40	Sst/Ssd	Rbf	gy		vfg				py, vn, tr										
176.40	176.50	Sst/Ssd	Rbf	gy		vfg				py, vn, tr										
176.50	177.90	Sst/Ssd	Rbf	gy		vfg				py, vn, tr										
177.90	178.50	Sst/Ssd	Rbf	gy		vfg				py, vn, tr	sp, vn, tr	Ga, vn, tr								
178.50	179.10	Sst/Ssd	Rbf	gy		vfg				py, vn, tr	as, di, tr									
179.10	179.70	cb frac	Rbf	lg		vfg				py, sm, 20%										
179.70	180.70	cb frac	Rbf	lg		vfg				py, sm, 20%				cb,p						
														cb,p						

CONTINUED...

274046

21.10.97

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD10 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	VEIN ORI	DESCRIPTION
180.70	181.00	Sst/Ssd	Rbf	lg		vfg														
181.00	181.70	Sst/Ssd	Rbf	lg		vfg														
181.70	182.50	Sst/Ssd	Rbf	gy		vfg								si,p						sm py silic/cherty and -10% messy vq and fracturing
182.50	185.30	Sst/Ssd	Rbf	gy		vfg														
185.30	185.60	Sst/Ssd	Rbf	gy		vfg								si,p						silic-chert? around vq
185.60	186.70	Sst/Ssd	Rbf	gy		vfg														fault gouge with vq and tr py
186.70	186.80	Sst/Ssd	Rbf	gy		vfg														
186.80	187.20	Sst/Ssd	Rbf	gy		vfg			Au,vn,cr	ga,di,tr				si,p						silic chert incl 15mm vq and py,ga Au @ 187.0m
187.20	187.90	Sst/Ssd	Rbf	gy		vfg											vq		010/8	
187.90	188.40	Sst/Ssd	Rbf	gy		vfg								si,p						silic chert; minor vq not much veining
188.40	192.30	Sst/Ssd	Rbf	gy		vfg														
192.30	192.40	Sst/Ssd	Rbf	gy		vfg			as,vn,10%											as rich vq; a few qc veins around
192.40	192.50	Sst/Ssd	Rbf	gy		vfg														
192.50	194.50	Sst/Ssd	Rbf	gy		vfg														
194.50	194.70	Sst/Ssd	Rbf	gy		vfg			ga,di,cr											310/8 a few -5mm stockwork vq; di ga in host
194.70	196.50	Sst/Ssd	Rbf	gy		vfg														
196.50	196.60	Sst/Ssd	Rbf	gy		vfg														
196.60	197.00	Sst/Ssd	Rbf	gy		vfg														
197.00	197.10	Sst/Ssd	Rbf	gy		vfg														
197.10	198.90	Sst/Ssd	Rbf	gy		vfg														
198.90	199.00	Sst/Ssd	Rbf	gy		vfg														
199.00	201.30	Sst/Ssd	Rbf	gy		vfg														
201.30	202.50	Sst/Ssd	Rbf	gy		vfg			ga,as,vn,di,1	sp,py,vn,tr	Au,vn,cr						vq,10%	sub //	025/7	201.3-205.3m: vq ga rich,as rich and sp py Au
202.50	202.70	Sst/Ssd	Rbf	gy		vfg			ga,as,vn,di,1	sp,py,vn,tr	Au,vn,cr						vq,10%	sub //	025/7	many Au specs
202.70	206.00	Sst/Ssd	Rbf	gy		vfg			ga,as,vn,di,1	sp,py,vn,tr	Au,vn,cr						vq,10%	sub //	025/7	202.7m: many Au specs, more sp, vq are chalky-stockwork chaotic
206.00	206.70	Sst/Ssd	Rbf	gy		vfg			ga,as,vn,di,1	sp,py,vn,tr	Au,vn,cr						vq,10%	sub //	025/7	another mineralised vq
206.70	207.50	Sst/Ssd	Rbf	gy		vfg														
207.50	207.80	Sst/Ssd	Rbf	gy		vfg			Au,vn	ga,vn,di										
207.80	208.50	Sst/Ssd	Rbf	gy		vfg														
208.50	209.30	Sst/Ssd	Rbf	gy		vfg														
209.30	212.10	Sst/Ssd	Rbf	gy		vfg														
212.10	212.20	Sst/Ssd	Rbf	gy		vfg														
212.20	216.10	Sst/Ssd	Rbf	gy		vfg			py,vn,tr	as,vn,cr										209.3m: 5mm vq and py - chalky vq
216.10	216.20	Sst/Ssd	Rbf	gy		vfg								si,p						occ sm vq and py,ga,as
216.20	217.40	Sst/Ssd	Rbf	gy		vfg														silic. tr vq and fractures
217.40	218.80	Sst/Ssd	Rbf	gy		vfg														
218.80	220.00	vq	Rbf	gy		vfg			as,vn,20%	Au,vn,cr										217.4m: 5mm vq
220.00	220.70	Sst/Ssd	Rbf	gy		vfg														
220.70	220.90	Sst/Ssd	Rbf	gy		vfg								si,p						pale alt Sst around as rich vq and Au // core
220.90	225.50	Sst/Ssd	Rbf	gy		vfg														
225.50	225.60	Sst/Ssd	Rbf	gy		vfg														
225.60	226.00	Sst/Ssd	Rbf	gy		vfg														
226.00	226.30	Sst/Ssd	Rbf	gy		vfg														
226.30	229.00	Sst/Ssd	Rbf	gy		vfg														
229.00	231.60	Sst/Ssd	Rbf	gy		vfg														
231.60	231.70	Sst/Ssd	Rbf	gy		vfg														
231.70	235.00	Sst/Ssd	Rbf	gy		vfg														
235.00	235.40	Sst/Ssd	Rbf	gy		vfg								si,p						229.0m: silic Sst around sm vq network
235.40	238.50	Sst/Ssd	Rbf	gy		vfg														
238.50	238.60	Sst/Ssd	Rbf	gy		vfg								si,p						12mm vq - late stage? wh bucky
238.60	239.00	Sst/Ssd	Rbf	gy		vfg														
239.00	240.30	Sst/Ssd	Rbf	gy		vfg														
240.30	240.50	Sst/Ssd	Rbf	lg		vfg														
240.50	243.40	Sst/Ssd	Rbf	lg		vfg														
243.40	244.80	Sst/Ssd	Rbf	lg		vfg														
244.80	247.50	Sst/Ssd	Rbf	lg		vfg														

CONTINUED...

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD10 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
247.50	247.80	Sst/Ssd	Rbf	lg			vfg													str fract, sub gouge fault zone
247.80	249.30	Sst/Ssd	Rbf	lg			vfg							sl,p						silic Sst, mod fractured
249.30	253.60	Sst/Ssd	Rbf	gy			vfg			py,fj,tc										occ silic/ re-pu alt zone assoc with fract/veinlets
253.60	255.20	Sst/Ssd	Rbf	gy			vfg			py,fj,tc										253.6m:sm dk gy vq and tr py
255.20	256.60	Sst frac	Rbf	lg			vfg													fracture zone - minor gouge
256.60	258.80	Sst/Ssd	Rbf	gy			vfg													
258.80	260.50	Sst/Ssd	Rbf	gy			vfg													258.8m: gouge
260.50	261.50	Sst/Ssd	Rbf	gy			vfg													silicified zone
261.50	262.00	Sst/Ssd	Rbf	gy			vfg													261.5m: 3mm vq
262.00	262.10	Sst/Ssd	Rbf	gy			vfg			py,fj,tc										str fract and py and silicification
262.10	263.00	Sst/Ssd	Rbf	gy			vfg													
263.00	264.40	Sst	Rbf	lg			vfg			py,fj,tc										
264.40	266.10	Sst/Ssd	Rbf	gy			vfg													pale altered Sst fault zone, str fract
266.10	266.30	Sst/Ssd	Rbf	gy			vfg													
266.30	271.00	Sst/Ssd	Rbf	gy			vfg													vq and silicification
271.00	271.50	Sst/Ssd	Rbf	gy			vfg													
271.50	272.00	Sst/Ssd	Rbf	gy			vfg													qz,2%
272.00	273.00	Sst/Ssd	Rbf	gy			vfg			py,fj,tc										
273.00	274.20	Sst/Ssd	Rbf	gy			vfg							ch, f	cb?,p					qz,2%
274.20	275.00	Sst/Ssd	Rbf	gy			vfg													rando 271-272.5m:narrow qz fract-veinlets, random orientations-late
275.00	275.70	Sst/Ssd	Rbf	gy			vfg													
275.70	277.00	Sst/Ssd	Rbf	gy			vfg													rando 15mm vq-late stage?(bucky)gr than qz veinlet-fract networks
277.00	277.20	Sst/Ssd	Rbf	gy			vfg													
277.20	278.30	Sst/Ssd	Rbf	gy			vfg													
278.30	278.40	Sst/Ssd	Rbf	gy			vfg							ch,vn						
278.40	282.30	Sst/Ssd	Rbf	gy			vfg													275.0m: 5mm vq, no sulph
282.30	283.50	Sst/Ssd	Rbf	gy			vfg			py,vn,tc				ch,vn						275.7m: 5mm vq, no sulph
283.50	287.50	Sst/Ssd	Rbf	gy			vfg													4mm vq
287.50	287.60	Sst/Ssd	Rbf	gy			vfg													277.2m: vq // So ~5mm
287.60	290.10	Sst/Ssd	Rbf	gy			vfg													055/5 vq // So, gr alt
290.10	291.70	Sst	Rbf	lg			vfg													
291.70	292.10	Sst	Rbf	lg			vfg													
292.10	293.50	Sst/Ssd	Rbf	gy			vfg													
293.50	293.80	Sst/Ssd	Rbf	gy			vfg													
293.80	294.00	Sst/Ssd	Rbf	gy			vfg			py,vn,5%	py,fj,tc									
294.00	296.50	Sst/Ssd	Rbf	gy			vfg													narrow fault gouge
296.50	296.60	Sst/Ssd	Rbf	gy			vfg													qz veining and py, vuggy
296.60	297.30	Sst/Ssd	Rbf	gy			vfg													
297.30	298.50	Sst/Ssd	Rbf	gy			vfg													
298.50	299.50	Sst/Ssd	Rbf	lg			vfg													
299.50	299.60	Sst/Ssd	Rbf	gy			vfg													
299.60	301.90	Sst/Ssd	Rbf	gy			vfg			py,vn,tc										
301.90	302.00	Sst/Ssd	Rbf	gy			vfg													
302.00	302.60	Sst/Ssd	Rbf	gy			vfg			py,vn,tc	py,fj,tc			ch,v	sl,v,p					
302.60	302.70	Sst/Ssd	Rbf	gy			vfg													
302.70	305.00	Sst/Ssd	Rbf	gy			vfg													
305.00	306.20	Sst/Ssd	Rbf	gy			vfg													

CONTINUED...

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD10 CONTINUED

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)
95.00	96.00	214050	2002	D13025	0.12			18	12	73	<1	<1
96.00	97.00	214051	2002	D13025	0.03			9	4	39	32	<1
97.00	98.00	214052	2002	D13025	0.35	0.40		28	17	78	<1	<1
98.00	99.00	214053	2002	D13025	0.09			11	6	56	<1	<1
99.00	100.00	214054	2002	D13025	0.03			14	7	43	<1	<1
100.00	101.00	214055	2002	D13025	0.07			18	7	80	<1	<1
101.00	102.00	214056	2002	D13025	<0.01	0.01		26	10	72	24	<1
102.00	103.00	214057	2002	D13025	0.26	0.21		23	7	74	<1	<1
103.00	104.00	214058	2002	D13025	0.09			29	<3	89	45	<1
104.00	105.00	214059	2002	D13025	<0.01			29	9	80	14	<1
150.00	151.00	214105	2002	D13025	0.13			28	22	95	<1	<1
151.00	152.00	214106	2002	D13025	0.06			22	9	97	27	<1
152.00	153.00	214107	2002	D13025	0.02			73	20	86	38	<1
153.00	154.00	214108	2002	D13025	0.07	0.08		29	45	89	<1	<1
154.00	155.00	214109	2002	D13025	0.13			23	23	91	46	<1
155.00	156.00	214110	2002	D13025	0.57			44	29	93	<1	<1
156.00	157.00	214111	2002	D13025	0.43			51	24	97	<1	<1
157.00	158.00	214112	2002	D13025	2.92	2.57		19	58	133	<1	<1
158.00	159.00	214113	2002	D13025	0.78			19	8	82	<1	<1
159.00	160.00	214114	2002	D13025	1.18			19	17	108	<1	<1
160.00	161.00	214115	2002	D13025	0.56			24	30	164	<1	<1
161.00	162.00	214116	2002	D13025	1.83			26	125	164	<1	<1
162.00	163.00	214117	2002	D13025	1.35			27	43	132	<1	<1
163.00	164.00	214118	2002	D13025	0.21			22	27	101	<1	<1
164.00	165.00	214119	2002	D13025	0.10			27	23	101	25	<1
165.00	166.00	214120	2002	D13025	0.02			30	11	99	22	<1
166.00	167.00	214121	2002	D13025	0.02			43	11	109	20	<1
167.00	168.00	214122	2002	D13025	0.01	0.01		41	9	126	19	<1
168.00	169.00	214123	2002	D13025	0.16	0.23		29	4	111	<1	<1
169.00	170.00	214124	2002	D13025	0.01			29	15	99	<1	<1
170.00	171.00	214125	2002	D13025	0.01			27	8	98	48	<1
171.00	172.00	214126	2002	D13025	0.03	<0.01		38	11	101	25	<1
172.00	173.00	214127	2002	D13025	<0.01			34	17	104	24	<1
173.00	174.00	214128	2002	D13025	0.03			36	31	104	<1	<1
174.00	175.00	214129	2002	D13025	0.09	0.09		34	15	104	<1	<1
175.00	176.00	214130	2002	D13025	0.42			30	55	112	<1	<1
176.00	177.00	214131	2002	D13025	0.20			18	34	77	<1	<1
177.00	178.00	214132	2002	D13025	0.05			29	32	104	<1	<1
178.00	179.00	214133	2002	D13025	0.03			29	27	121	<1	<1
179.00	180.00	214134	2002	D13025	0.02			18	22	87	<1	<1
180.00	181.00	214135	2002	D13025	0.01			24	10	74	36	<1
181.00	182.00	214136	2002	D13025	0.01			33	11	78	<1	<1
182.00	183.00	214137	2002	D13025	0.01			29	21	88	17	<1
183.00	184.00	214138	2002	D13025	<0.01			27	7	86	30	<1
184.00	185.00	214139	2002	D13025	<0.01			24	5	90	8	<1
185.00	186.00	214140	2002	D13025	0.02			19	17	43	<1	<1
186.00	187.00	214141	2002	D13025	0.04			20	8	61	49	<1
187.00	188.00	214142	2002	D13025	0.19			32	11	79	<1	<1
188.00	189.00	214143	2002	D13025	0.03	0.02		25	12	79	<1	<1
189.00	190.00	214144	2002	D13025	0.03			106	13	79	<1	<1
190.00	191.00	214145	2002	D13025	0.01			26	19	86	6	<1
191.00	192.00	214146	2002	D13025	0.05			12	3	82	<1	<1
192.00	193.00	214147	2002	D13025	0.14	0.26		28	36	84	<1	<1
193.00	194.00	214148	2002	D13025	0.11			51	5	87	<1	<1
194.00	195.00	214149	2002	D13025	0.02			17	7	76	<1	<1
195.00	196.00	214150	2002	D13025	0.01	0.01		23	10	88	<1	<1
196.00	197.00	214151	2002	D13025	0.09			20	6	75	36	<1

CONTINUED...

274049

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD10 CONTINUED

DEPTH FROM	DEPTH TO	SAMPLE PX NUMBER	LAB JOB NO	Au (ppm)	Ppt 1 (ppm)	Ppt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
197.00	198.00	214152	2002 D13025	0.15			30	7	72	<1	<1
198.00	199.00	214153	2002 D13025	<0.01			22	6	78	16	<1
199.00	200.00	214154	2002 D13025	0.26	0.17		9	10	84	41	<1
200.00	201.00	214155	2002 D13025	0.59	0.79		35	10	77	<1	<1
201.00	202.00	214156	2002 D13025	1.39			21	3	76	<1	<1
202.00	203.00	214157	2002 D13025	30.00	28.20		16	809	883	<1	11
203.00	204.00	214158	2002 D13025	3.60			14	31	114	<1	<1
204.00	205.00	214159	2002 D13025	3.20			16	35	102	<1	<1
205.00	206.00	214160	2002 D13025	1.32			48	65	169	<1	<1
206.00	207.00	214161	2002 D13025	0.32			19	13	85	<1	<1
207.00	208.00	214162	2002 D13025	0.16			20	7	93	<1	<1
208.00	209.00	214163	2002 D13025	0.67			12	11	94	29	<1
209.00	210.00	214164	2002 D13025	0.23	0.27		38	13	99	25	<1
210.00	211.00	214165	2002 D13025	0.11			13	11	94	10	<1
211.00	212.00	214166	2002 D13025	0.24			34	11	96	12	<1
212.00	213.00	214167	2002 D13025	0.55			27	14	93	23	<1
213.00	214.00	214168	2002 D13025	0.52			91	8	90	30	<1
214.00	215.00	214169	2002 D13025	0.15			37	6	95	23	<1
215.00	216.00	214170	2002 D13025	0.04			20	4	98	6	<1
216.00	217.00	214171	2002 D13025	0.02	0.03		34	19	95	8	<1
217.00	218.00	214172	2002 D13025	0.19			22	16	70	<1	<1
218.00	219.00	214173	2002 D13025	0.23			17	<3	81	<1	<1
219.00	220.00	214174	2002 D13025	0.43			20	14	72	<1	<1
220.00	221.00	214175	2002 D13025	0.46			23	14	68	<1	<1
221.00	222.00	214176	2002 D13025	1.02			29	12	71	<1	<1
222.00	223.00	214177	2002 D13025	0.08			19	<3	87	<1	<1
223.00	224.00	214178	2002 D13025	0.08			23	<3	80	10	<1
224.00	225.00	214179	2002 D13025	0.06			23	3	75	21	<1
225.00	226.00	214180	2002 D13025	0.04			18	20	71	17	<1
226.00	227.00	214181	2002 D13025	0.09			12	8	81	20	<1
227.00	228.00	214182	2002 D13025	0.75			41	9	68	20	<1
228.00	229.00	214183	2002 D13025	0.82			29	6	78	19	<1
229.00	230.00	214184	2002 D13025	0.39			38	6	75	<1	<1
230.00	231.00	214185	2002 D13025	0.42	0.42		22	<3	76	15	<1
231.00	232.00	214186	2002 D13025	0.09			27	10	85	4	<1
232.00	233.00	214187	2002 D13025	0.04			25	14	81	10	<1
233.00	234.00	214188	2002 D13025	0.02			28	7	89	<1	<1
234.00	235.00	214189	2002 D13025	0.01			32	<3	88	2	<1
235.00	236.00	214190	2002 D13025	0.02			31	<3	77	<1	<1
236.00	237.00	214191	2002 D13025	0.06			30	10	80	<1	<1
237.00	238.00	214192	2002 D13025	0.02	0.03		21	<3	89	1	<1
238.00	239.00	214193	2002 D13025	0.02			23	<3	91	<1	<1
239.00	240.00	214194	2002 D13025	0.02			35	12	79	17	<1
240.00	241.00	214195	2002 D13025	0.04			25	23	71	21	<1
241.00	242.00	214196	2002 D13025	0.01			15	3	82	19	<1
242.00	243.00	214197	2002 D13025	0.02			35	13	69	4	<1
243.00	244.00	214198	2002 D13025	0.02			30	11	69	36	<1
244.00	245.00	214199	2002 D13025	0.01			16	4	89	13	<1
245.00	246.00	214200	2002 D13025	<0.01			15	51	74	3	<1
246.00	247.00	214201	2002 D13025	0.02			25	50	74	5	<1
247.00	248.00	214202	2002 D13025	0.04			26	35	70	6	<1
248.00	249.00	214203	2002 D13025	0.02			27	25	79	<1	<1
249.00	250.00	214204	2002 D13025	0.01			27	22	69	<1	<1
250.00	251.00	214205	2002 D13025	0.02			36	<3	93	2	<1
251.00	252.00	214206	2002 D13025	0.04	0.03		19	<3	86	1	<1
252.00	253.00	214207	2002 D13025	0.01			15	3	78	4	<1
253.00	254.00	214208	2002 D13025	0.05			24	22	79	8	<1

CONTINUED...

GOLDEN RIDGE  
E12/93  
DIAMOND DRILL LOGS

GRD10 CONTINUED

DEPTH FROM	DEPTH TO	SAMPLE NUMBER	PX NO	LAB JOB NO	Au (ppm)	Rpt 1 (ppm)	Rpt 2 (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Ag (ppm)
254.00	255.00	214209	2002	D13025	0.06			24	<3	79	<1	<1
255.00	256.00	214210	2002	D13025	0.12	0.11		30	<3	86	16	<1
256.00	257.00	214211	2002	D13025	0.03			28	16	77	<1	<1
257.00	258.00	214212	2002	D13025	0.06			21	16	94	5	<1
258.00	259.00	214213	2002	D13025	0.04	0.04		35	16	89	5	<1
259.00	260.00	214214	2002	D13025	0.07			91	3	93	5	<1
260.00	261.00	214215	2002	D13025	0.03			18	9	97	5	<1
261.00	262.00	214216	2002	D13025	0.07			31	<3	88	<1	<1
262.00	263.00	214217	2002	D13025	0.04			32	11	81	3	<1
263.00	264.00	214218	2002	D13025	0.04			15	7	90	13	<1
264.00	265.00	214219	2002	D13025	0.02			70	8	78	9	<1
265.00	266.00	214220	2002	D13025	0.03			27	5	85	8	<1
266.00	267.00	214221	2002	D13025	<0.01			12	67	162	6	<1
267.00	268.00	214222	2002	D13025	0.01			70	87	113	1	<1
268.00	269.00	214223	2002	D13025	<0.01			8	8	93	7	<1
269.00	270.00	214224	2002	D13025	0.03			27	14	89	3	<1
270.00	271.00	214225	2002	D13025	<0.01			43	11	87	<1	<1
271.00	272.00	214226	2002	D13025	<0.01			20	8	81	16	<1
272.00	273.00	214227	2002	D13025	<0.01	<0.01		14	8	81	1	<1
273.00	274.00	214228	2002	D13025	<0.01			28	12	93	5	<1
274.00	275.00	214229	2002	D13025	<0.01			10	32	93	7	<1
275.00	276.00	214230	2002	D13025	<0.01			15	8	101	2	<1
276.00	277.00	214231	2002	D13025	0.03			327	9	89	3	<1
277.00	278.00	214232	2002	D13025	0.01	0.01		49	18	89	8	<1
278.00	279.00	214233	2002	D13025	<0.01			47	14	90	2	<1
279.00	280.00	214234	2002	D13025	<0.01	<0.01		27	29	143	3	<1
280.00	281.00	214235	2002	D13025	0.02			23	12	93	2	<1
281.00	282.00	214236	2002	D13025	<0.01	<0.01		12	7	87	1	<1
282.00	283.00	214237	2002	D13025	<0.01			14	12	92	2	<1
283.00	284.00	214238	2002	D13025	<0.01			44	9	90	<1	<1
284.00	285.00	214239	2002	D13025	<0.01			17	12	92	1	<1
285.00	286.00	214240	2002	D13025	<0.01			31	20	93	4	<1
286.00	287.00	214241	2002	D13025	<0.01			38	15	91	9	<1
287.00	288.00	214242	2002	D13025	0.02			32	15	88	3	<1
288.00	289.00	214243	2002	D13025	0.02			29	28	114	<1	<1
289.00	290.00	214244	2002	D13025	0.02			35	22	89	4	<1
290.00	291.00	214245	2002	D13025	0.01			62	27	85	9	<1
291.00	292.00	214246	2002	D13025	0.01			29	17	65	<1	<1
292.00	293.00	214247	2002	D13025	<0.01			17	23	92	9	<1
293.00	294.00	214248	2002	D13025	<0.01	<0.01		24	14	88	<1	<1
294.00	295.00	214249	2002	D13025	<0.01			47	17	90	3	<1
295.00	296.00	214250	2002	D13025	<0.01			21	10	90	2	<1
296.00	297.00	214251	2002	D13025	<0.01			32	6	87	4	<1
297.00	298.00	214252	2002	D13025	<0.01			34	7	92	12	<1
298.00	299.00	214253	2002	D13025	<0.01			22	13	93	3	<1
299.00	300.00	214254	2002	D13025	<0.01			26	5	95	2	<1
300.00	301.00	214255	2002	D13025	<0.01			16	8	94	<1	<1
301.00	302.00	214256	2002	D13025	<0.01			27	8	88	2	<1
302.00	303.00	214257	2002	D13025	<0.01			33	15	83	5	<1
303.00	304.00	214258	2002	D13025	<0.01			18	9	91	7	<1
304.00	305.00	214259	2002	D13025	<0.01			14	18	86	15	<1
305.00	306.00	214260	2002	D13025	<0.01			12	6	92	5	<1
306.00	306.20	214261	2002	D13025	<0.01			17	5	89	8	<1

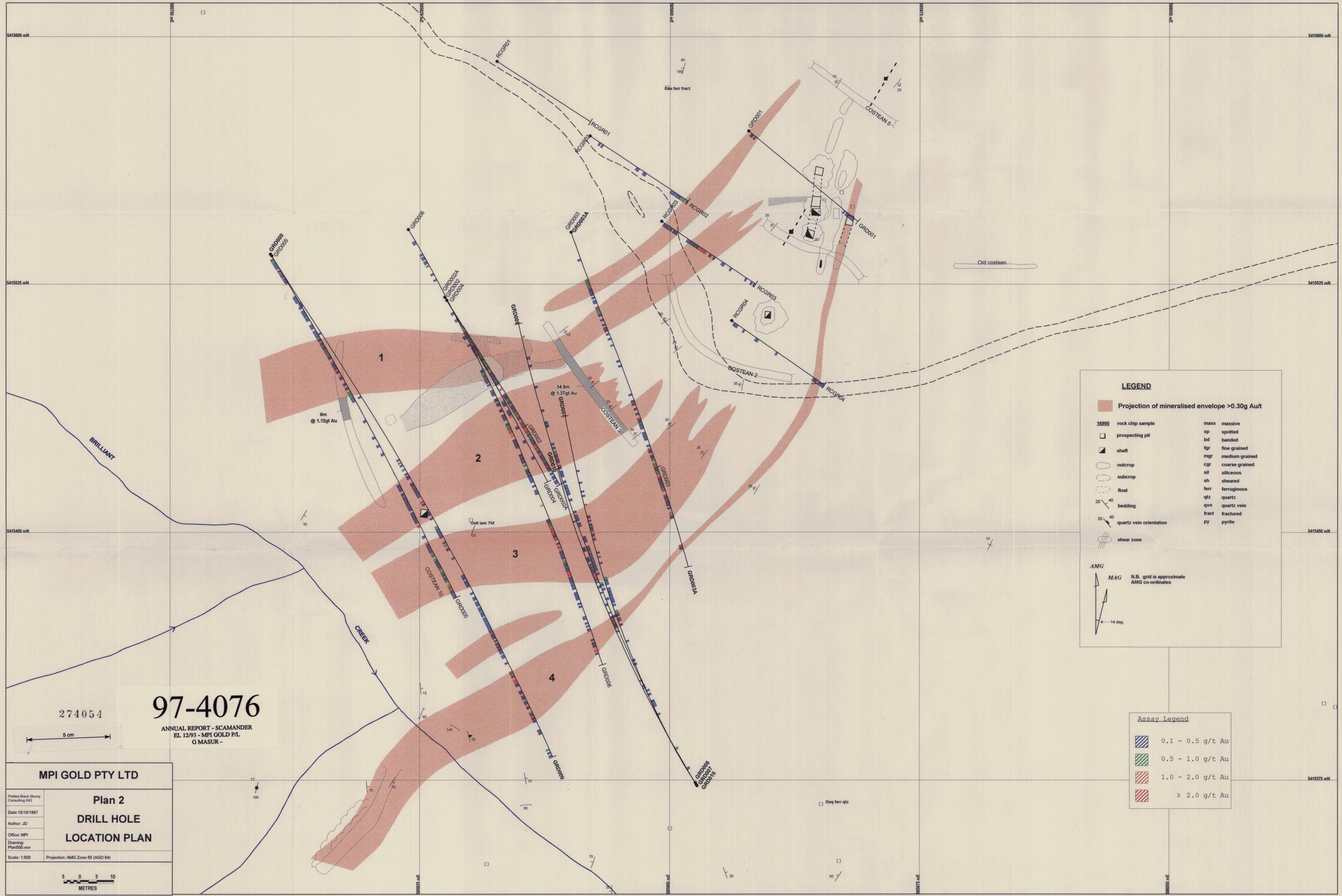
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21.10.97

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# Plans





**LEGEND**

	Projection of mineralised envelope >0.30g Au/t	mass	massive
	rock chip sample	sp	spotted
	prospecting pit	bd	banded
	shaft	fgr	fine grained
	outcrop	mgr	medium grained
	subcrop	cgr	coarse grained
	float	sil	siliceous
	bedding	sh	sheared
	quartz vein orientation	ferr	ferruginous
	shear zone	qtz	quartz
		qvn	quartz vein
		fract	fractured
		py	pyrite

**AMG**  
  
 N.B. grid is approximate AMG co-ordinates  
 14 deg.

**Assay Legend**

	0.1 - 0.5 g/t Au
	0.5 - 1.0 g/t Au
	1.0 - 2.0 g/t Au
	≥ 2.0 g/t Au

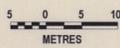
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ANNUAL REPORT - SCAMANDER  
 EL. 12/93 - MPI GOLD P/L  
 G MASUR -

MPI GOLD PTY LTD

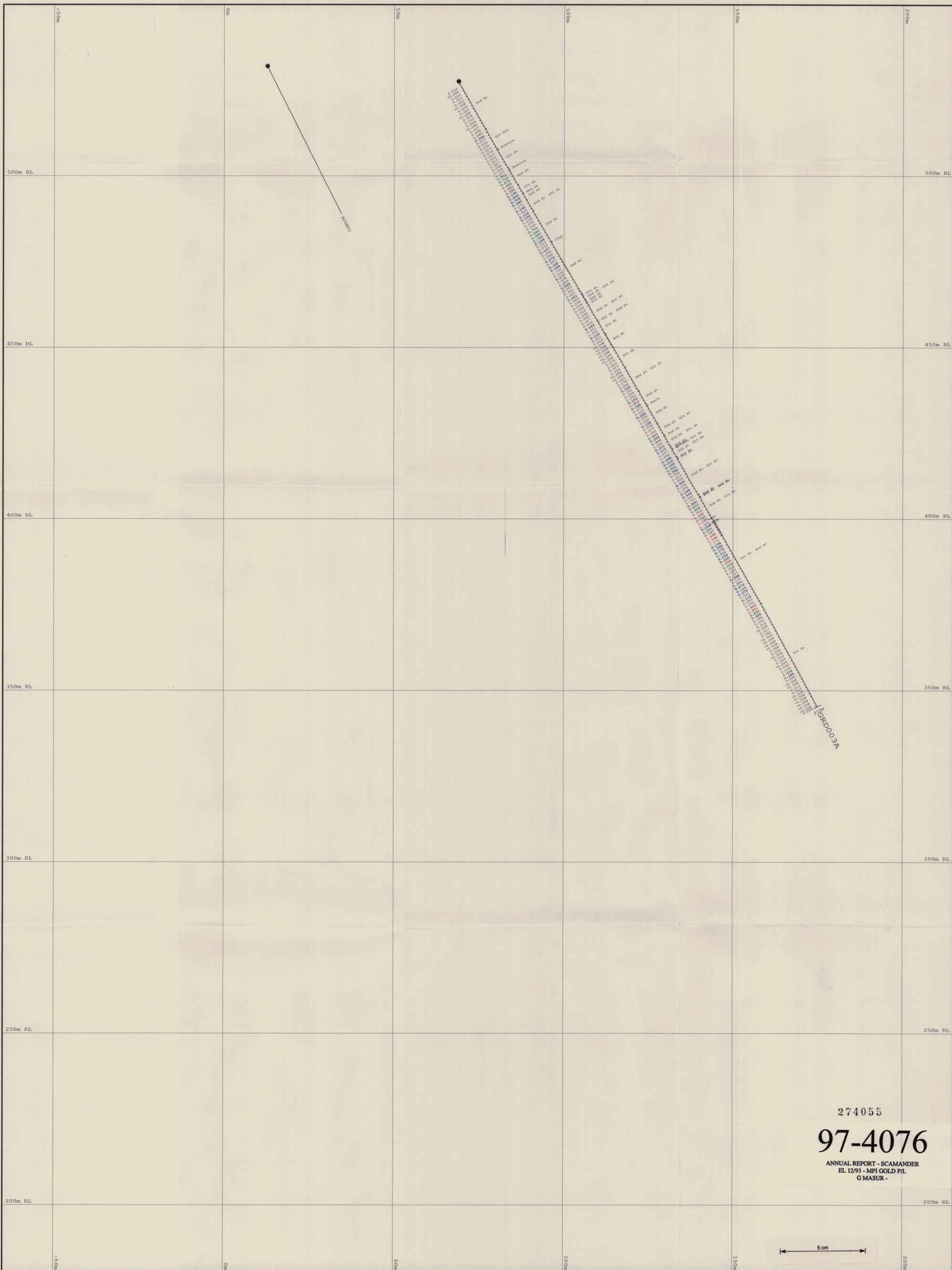
**Plan 2  
 DRILL HOLE  
 LOCATION PLAN**

Plotted Blank Stamp  
 Consulting INC  
 Date: 15/10/1997  
 Author: JD  
 Office: MPI  
 Drawing:  
 Plan500.wor  
 Scale: 1:500  
 Projection: AMG Zone 55 (AGD 84)



274054

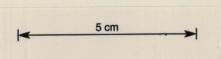
5 cm



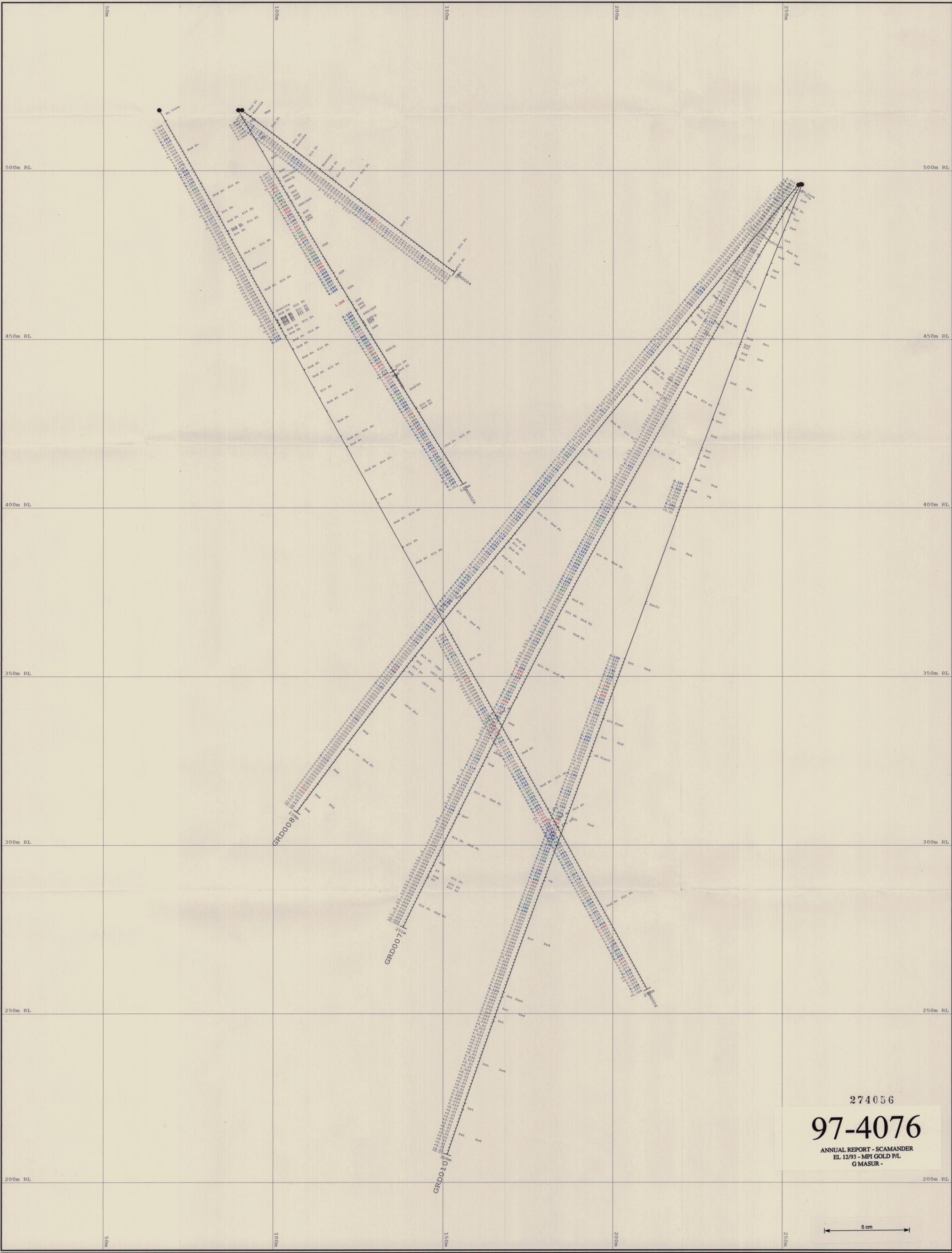
274055

**97-4076**

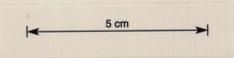
ANNUAL REPORT - SCAMANDER  
EL 12/93 - MPI GOLD PL  
GMASUR -



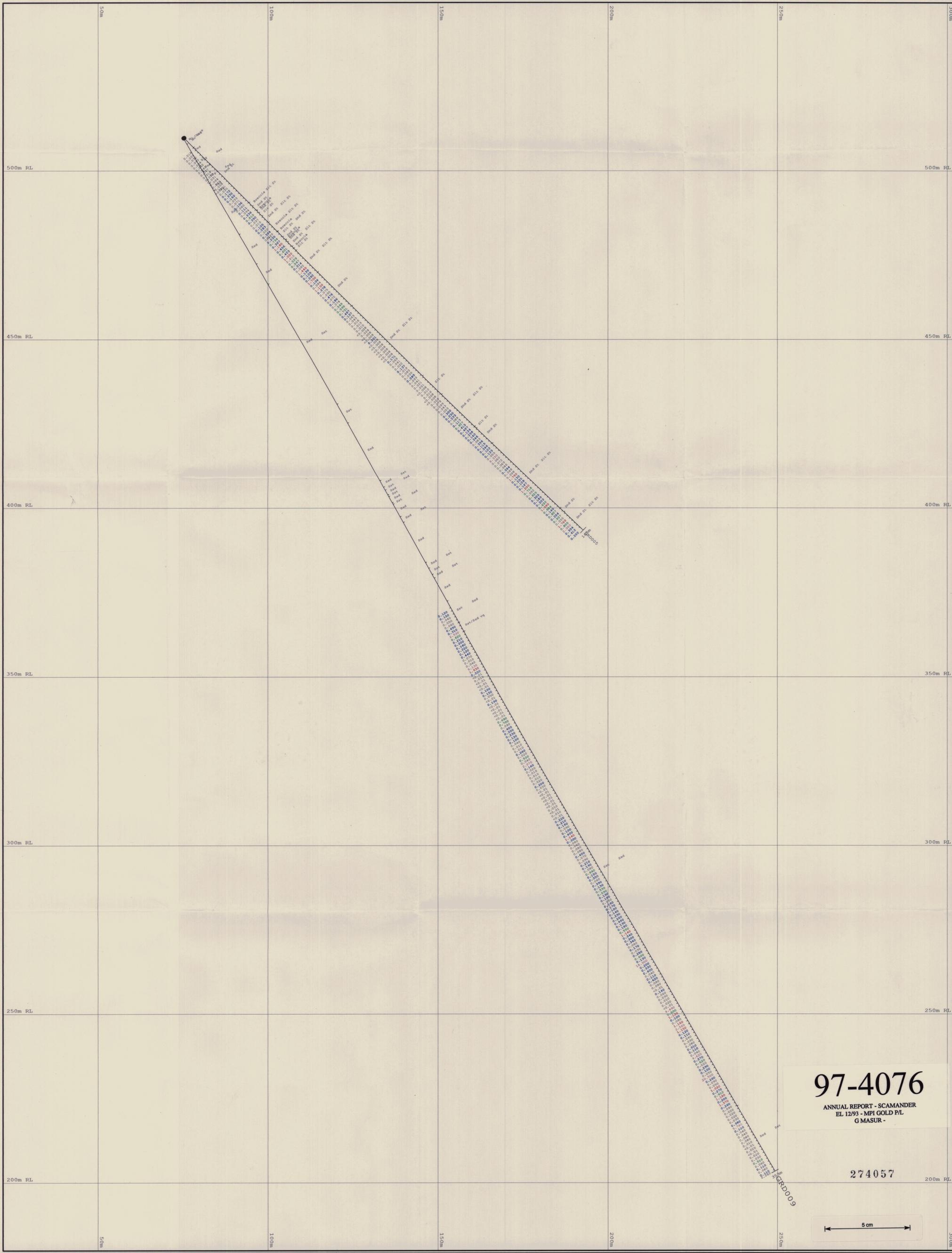
<b>MPI GOLD PTY LTD</b>	<b>LEGEND</b> RHS of drill trace: Lithology codes LHS of drill trace: Gold (ppm) results  <b>COLOUR CODING OF GOLD (ppm) RESULTS</b> Au < 0.1 0.1 <= Au < 0.5 0.5 <= Au < 1.0 1.0 <= Au < 2.0 2.0 <= Au	<b>SECTION AT 152 DEGREES GRID AZIMUTH</b> POINT = 585835E, 5415600N WINDOW = +/- 20m  Plotted: MPI, Perth - BLACK STUMP CONSULTING	Scale 1:500	DATE 16/10/97	SHEET 1 of 1	GRD3 & GRD3A Transform Section LITHOLOGY & GOLD (ppm) RESULTS	<b>SCAMANDER PROJECT</b> <b>GOLDEN RIDGE</b> <b>PLAN 3</b>



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 EL 12/93 - MPI GOLD P/L  
 G MASUR -



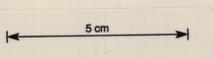
<b>MPI GOLD PTY LTD</b>	<b>LEGEND</b> RHS of drill trace: Lithology codes LHS of drill trace: Gold (ppm) results <b>COLOUR CODING OF GOLD (ppm) RESULTS</b> Au < 0.1 0.1 <= Au < 0.5 0.5 <= Au < 1.0 1.0 <= Au < 2.0 2.0 <= Au	<b>SECTION AT 152 DEGREES GRID AZIMUTH</b> POINT = 585790E, 5415600N WINDOW = +/- 20m Plotted: MPI, Perth - BLACK STUMP CONSULTING	DATE 16/10/97 PRN: 585790E PLOTTED BY: SB	SHEET 1 of 1	GRD2, GRD4, GRD6, GRD7, GRD8, GRD10 Transform Section LITHOLOGY & GOLD (ppm) RESULTS	<b>SCAMANDER PROJECT</b> <b>GOLDEN RIDGE</b> PLAN 4
	Scale 1:500					



**97-4076**

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EL 12/93 - MPI GOLD P/L  
GMASUR -

274057



<b>MPI GOLD PTY LTD</b>	<b>LEGEND</b> RHS of drill trace: Lithology codes LHS of drill trace: Gold (ppm) results <b>COLOUR CODING OF GOLD (ppm) RESULTS</b> Au < 0.1 0.1 <= Au < 0.5 0.5 <= Au < 1.0 1.0 <= Au < 2.0 2.0 <= Au	<b>SECTION AT 152 DEGREES GRID AZIMUTH</b> POINT = 585745E, 5415600N WINDOW = +/- 20m Plotted: MPL, Perth - BLACK STUMP CONSULTING	Scale 1:500	DATE 16/10/97 PRN: 585745E PLOTTED BY: SB	SHEET 1 of 1	GRD5 & GRD9 Transform Section LITHOLOGY & GOLD (ppm) RESULTS	<b>SCAMANDER PROJECT</b> <b>GOLDEN RIDGE</b> PLAN 5