

RGC EXPLORATION PTY LTD

DRILL HOLE No GAR 004

SHEET 1 OF 2

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⚡ Breccia
- ▨ Broken core
- ▤ Disseminated
- Massive
- ▨ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT :
PROSPECT : <u>GARFIELD</u>
DATE :
LOGGED BY : <u>S. W. HALLEY</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY	
							ROCK	ALTERATION
10				0 - 1.6		TRICONE		
20				1.6 - 10.1		volcaniclastic		
30				10.1 - 15.6		feldspar-rich andesite		
40				18.0 - 20.1		andesite		
50				24.6 - 27.4		andesite		
60						Very coarse rhyolitic volcaniclastics		
70								
80								
90				82.3 - 125.4		homogeneous crystal-rich feldspar-quartz phyric rhyolite lava		
100								
110								
120								
130				139.7 - 141.3		dacite		
140								
150								
160								
170				168.2 - 170.9		andesite		
180								
190				185.0 - 188.3		andesite		
190				192.2 - 201.7		andesite		

REMARKS

806620

RGC EXPLORATION PTY LTD

DRILL HOLE No GAR 004

SHEET 2 OF 2

- Bedding
- Cleavage
- Foliation
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- Breccia
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- Disseminated
- Massive
- Pervasive
- Narrow vein
- Visible gold

PROJECT :	
PROSPECT :	GARFIELD
DATE :	
LOGGED BY :	S. W. HALLEY

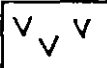

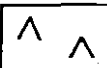

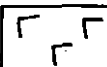
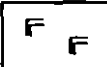
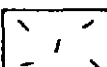
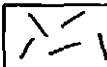




HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PT.		ROCK	ALTERATION
210								201-1 - 210-1 volcaniclastic with mega Qtz phenos.		
220								210-1 - 249-1 andesite		
230										
240										
250								240-9 - 249-1 quartz-phyric volcaniclastic		
260								249-1 - 264-9 andesite		
								264-9 EOH		

REMARKS

806021

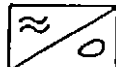







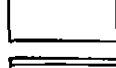
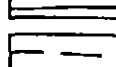

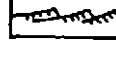
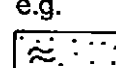

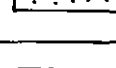
SYMBOLS FOR COHERENT TEXTURES

- single line symbols for low to moderate phenocryst abundance
- double line symbols for abundant phenocrysts
- smaller symbols for fine grained phenocrysts
- larger symbols for coarse grained phenocrysts
- additional "+" symbol for coarse, phenocryst-rich granitoid texture

	basalt, poorly to moderately porphyritic basalt
	phenocryst-rich basalt
	andesite, poorly to moderately porphyritic andesite
	phenocryst-rich andesite
	dacite, poorly to moderately porphyritic dacite
	phenocryst-rich dacite
	fine, poorly to moderately porphyritic rhyolite
	coarse, poorly to moderately porphyritic rhyolite
	coarse, phenocryst-rich rhyolite
	coarse rhyolitic porphyry
	flow foliation
	spherulites, lithophysae, alteration spots, nodular devitrification texture

SYMBOLS FOR VOLCANICLASTIC TEXTURES

- closer spaced symbols for dominant grain size and grain type

	pumice or relict pumice
	angular, juvenile lava clasts
	fiamme/ vitriclast or relict vitriclast
	accretionary lapilli
	angular, polymict lithic clasts
	rounded, polymict lithic clasts
	mudstone intraclast
	sand-size particles, granular texture
	mud-size particles
	distinct planar stratification
	diffuse planar stratification
	cross bedding
	micro-cross lamination
e.g.	
	pumice clasts in sand matrix
	angular polymict lithic clasts and mudstone intraclasts in sand matrix

SYMBOLS FOR JUVENILE-CLAST-RICH DEPOSITS






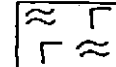
	jigsaw-fit texture of fine, moderately porphyritic rhyolite		pumice-clast-rich deposit, coarse, moderately porphyritic rhyolitic composition
	jigsaw-fit texture of coarse, moderately porphyritic rhyolite		pumice-clast-rich deposit, coarse, phenocryst-rich rhyolitic composition
	jigsaw-fit texture of coarse phenocryst-rich andesite		pumice-clast-rich deposit, coarse, moderately porphyritic dacitic composition

Fig. 9—Recommended composition and texture symbols for graphic logging of volcanic deposits.

(From: McPhie, Doyle and Allen. CODES 1993)

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- ⚡ Breccia
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- ▤ Disseminated
- Massive
- ▩ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT :
PROSPECT : <u>GARFIELD</u>
DATE : <u>16/1/94</u>
LOGGED BY : <u>S.W. HALLEY</u>












HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY	
							ROCK	ALTERATION
1						0.0 - 1.6 TRICONE		
2			▨	▲ ▲ ▲		1.6 - 2.2 andesite?	CA	IAF
3				▲		2.2 - 10.1		
4				▲		volcaniclastic?		
5				▲		very weathered		
6				▲		no quartz pheno's.	CYT	
7				▲				V--M
8				▲				
9				▲				
10				▲				
11					▲ ▲		10.1 - 15.6	
12				▲ ▲		feldspar-rich andesite		
13				▲ ▲		deeply weathered	CA	IAF
14				▲ ▲				
15				▲ ▲				
16			▨	▲ ▲		15.6 - 18.0		
17				▲ ▲			CYT	V--M
18				▲ ▲				
19			▨	▲		18.0 - 20.1	CA	IAF

REMARKS

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RGC EXPLORATION PTY LTD

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-  Breccia
-  Broken core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow vein
-  Visible gold

SHEET 2 OF 14

PROJECT :
PROSPECT : GARFIELD
DATE : 16/1/95
LOGGED BY : S. W. HALLEY

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG								ALTERATION			GEOLOGY NOTES	SUMMARY	
				1	2	3	4	5	6	7	8	SIL	SER.	PY.		ROCK	ALTERATION
21														20.1 - 24.6			
22																	
23															CYT	V--F	
24																	
25														24.6 - 27.4			
26															CA	IAF	
27																	
28														27.4 - 36.5			
29														Siltstone			
30																	
31																	
32																	
33																	
34																	
35															CYT		
36																	
37														↑ graded			
38														36.5 - 40.5			
39														coarse lithic-rich volcanoclastic with feldspar phytic dacite lava clasts.		EDFC	

REMARKS

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RGC EXPLORATION PTY LTD

DRILL HOLE No GAR 004

SHEET 4 OF 14

- Bedding
- └ Cleavage
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- ~ Fault, Shear
- ⚡ Breccia
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- ▤ Disseminated
- Massive
- ▩ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT :
PROSPECT : <u>GARFIELD</u>
DATE : <u>17/1/95</u>
LOGGED BY : <u>S.W. HALLEY</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PT.		ROCK	ALTERATION
61				16 1 4 16 32				<p>60.5 - 70.6</p> <p>very coarse breccia with dense lava clasts + siltstone rip-up clasts and sericitised pumice? clasts. max clast size ~20cm</p> <p>70.6 - 79.2</p>	VRQC	
62										
63										
64			S ₁							
65										
66										
67										
68										
69			S ₁							
70										
71								CYT		
72										
73										
74										
75			S ₀							
76										
77										
78										
79									ER-M	












REMARKS

806084

RGC EXPLORATION PTY LTD

DRILL HOLE No GAR 004

SHEET 5 OF 14

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow vein
-  * Visible gold

PROJECT :
PROSPECT :
DATE :
LOGGED BY :

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.	CHL.		ROCK	ALTERATION
81										CYT	ER-F
82									<p>82.3 - 125.4 homogenous gray crystal-rich feldspar phyric lava contains very fine quartz phenos</p>		
83											
84											
85											
86											
87											
88											
89											
90											
91											
92										CYL	
93											LR<
94											
95											
96											
97											
98											
99											

REMARKS

806085

RGC EXPLORATION PTY LTD

DRILL HOLE No GAR 004

SHEET 6 OF

- Bedding
- Cleavage
- Foliation
- Fault, Shear
- Breccia
- Broken core
- Disseminated
- Massive
- Pervasive
- Narrow vein
- * Visible gold

PROJECT :	
PROSPECT :	
DATE :	
LOGGED BY :	

HOLE DEPTH	SAMPLE No	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.	CHL.		ROCK	ALTERATION
101			V	- - -							
102				- - -							
103			V	- - -							
104			S ₁	- - -							
105				- - -							
106				- - -							
107				- - -							
108				- - -							
109				- - -							
110				- - -							
111				- - -							
112				- - -							
113				- - -							
114			S ₁	- - -							
115				- - -							
116				- - -							
117				- - -							
118				- - -							
119				- - -							

REMARKS

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RGC EXPLORATION PTY LTD

DRILL HOLE No GAR004

SHEET 7 OF 14

- Bedding
- └ Cleavage
- ~ Foliation
- ~ Fault, Shear
- ⚡ Breccia
- ▣ Broken core
- ▨ Disseminated
- Massive
- ▩ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT :
PROSPECT :
DATE :
LOGGED BY :












HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.	S&G		ROCK	ALTERATION
121				1 2 3 4 5 6 7 8 9 10 11 12							
122				1 2 3 4 5 6 7 8 9 10 11 12					FAULT		
123				1 2 3 4 5 6 7 8 9 10 11 12						CYL	LRC
124				1 2 3 4 5 6 7 8 9 10 11 12							
125				1 2 3 4 5 6 7 8 9 10 11 12							
126				1 2 3 4 5 6 7 8 9 10 11 12						EKF	
127				1 2 3 4 5 6 7 8 9 10 11 12						VRQC	
128				1 2 3 4 5 6 7 8 9 10 11 12							
129				1 2 3 4 5 6 7 8 9 10 11 12					128.4 - 139.7		
130				1 2 3 4 5 6 7 8 9 10 11 12					dark grey volcanoclastic abundant fine quartz grains small sericitised lithics and siltstone intraclasts		
131				1 2 3 4 5 6 7 8 9 10 11 12						CYT	
132				1 2 3 4 5 6 7 8 9 10 11 12							
133				1 2 3 4 5 6 7 8 9 10 11 12							
134				1 2 3 4 5 6 7 8 9 10 11 12							
135				1 2 3 4 5 6 7 8 9 10 11 12							VRQM
136				1 2 3 4 5 6 7 8 9 10 11 12							
137				1 2 3 4 5 6 7 8 9 10 11 12							
138				1 2 3 4 5 6 7 8 9 10 11 12							
139				1 2 3 4 5 6 7 8 9 10 11 12					138.6 - 139.3 VEIN		
				1 2 3 4 5 6 7 8 9 10 11 12					139.7 - 141.3		

REMARKS	806087
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RGC EXPLORATION PTY LTD

DRILL HOLE No GAR 004

SHEET 8 OF 14

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow vein
-  * Visible gold

PROJECT :
PROSPECT :
DATE :
LOGGED BY :

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS			STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
		Cu	Au	Zn			SIL.	SER.	PY.		ROCK	ALTERATION
141										<p>141.3-168.2 dark grey volcaniclastic with abundant fine quartz phenos, pumice(?) clasts and some mudstone intraclasts</p> <p>contains flattened pyrite nodules (clasts?).</p>	CYL	LDF
142												
143												
144												
145												
146					S ₁							
147												
148												
149												
150					S ₀							
151												
152											CYT	
153											VRQM	
154												
155					S ₁							
156												
157	38543	18	-	68								
158	38544	7	-	128								
159	38545	6	-	202								

REMARKS 806088

- Bedding
- └ Cleavage
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- ⚡ Breccia
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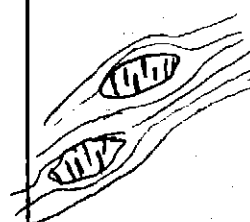
PROJECT :
 PROSPECT :
 DATE :
 LOGGED BY :

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS			STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
		Cu	Au	Zn			SIL.	SER.	PT.		ROCK	ALTERATION
161	38546	4	-	179	S ₁						CYT	VRQM
162	38547	4	-	211								
163	38548	5	-	144								
164	38549	4	-	194								
165	38550	4	-	245								
166					CONTACT						CA	IAP
167												
168												
169					CONTACT							
170												
171					S ₁						CYT	VRQM
172												
173												
174	38552	4	-	248								
175	38553	9	-	635								
176	38554	10	-	348								
177	38555	12	-	469								
178	38556	7	-	536								
179	38557	5	-	339								
	38558	15	-	445								

sheared contact

168-2- 170.9
 andesite with abundant fine
 feldspar phenocrysts

171.8-179.8
 very distinctive coarse
 volcanoclastic with very
 coarse quartz phenos (up to 8mm)
 that are stretched and
 broken in the cleavage



REMARKS

806089

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SHEET 10 OF 14

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PROJECT :	
PROSPECT :	
DATE :	
LOGGED BY :	

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS			STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
		Cu	Au	Zn			SIL.	SER.	PY.		ROCK	ALTERATION
181	38559	2.5	-	474	S ₁				179.8 - 185.0 Volcanic sandstone with abundant small quartz phenocrysts	CYT	VR&M	
182	38560	4	-	529								
183	38561	-	0.013	410								
184					CONTACT				185.0 - 188.3	CA	IA	
185												
186					CONTACT				188.3 - 192.2	CYT	VR&C	
187												
188												
189					S ₁				192.2 - 201.7	CA	IA	
190												
191												
192												
193												
194												
195												
196												
197												
198												
199												

REMARKS

806090

RGC EXPLORATION PTY LTD

DRILL HOLE No GAR 004

SHEET 11 OF 14

- Bedding
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PROJECT :
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HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS			STRUCT.	GRAPHIC LOG	ALTERATION					GEOLOGY NOTES	SUMMARY		
		Cu	Ag	Zn			SIL.	SER.	PT.	CHLORITE	CARB.		ROCK	ALTERATION	
201						1/16 1/4 1 1/2 3/2								IA	
202															
203															
204															
205															
206					S ₁										
207															
208	38562	4	-	942										CYT	VRQM
209	38563	4	-	536											
209	38564	14	-	1438											
210															
211	38565	42	-	374										CA	IA
212	38566	41	-	351										CYT	VRQM
213	38567	28	-	212											
214	38568	30	-	181											
215															
216					S ₁										
217															
218															
219															

201.7 - 210.1
volcaniclastic with large quartz phenocrysts, small lithic fragments, sparse chloritized pumice clasts.

becomes more chloritic towards the end of the interval

S₁, 50° CA

210.1 - 211.3

211.3 - 211.8

211.8 - 240.9

massive andesite, cut by a network of calcite veins.

REMARKS

806091

RGC EXPLORATION PTY LTD

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SHEET 12 OF 14

- Bedding
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- ~ Fault, Shear
- ⚡ Breccia
- ▨ Broken core
- ▤ Disseminated
- Massive
- ▨ Pervasive
- ⚡ Narrow vein
- * Visible gold

PROJECT :	
PROSPECT :	GARFIELD
DATE :	6/2/95
LOGGED BY :	SWH

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PT.		ROCK	ALTERATION
221			VEIN	^ ^						
222				^ ^						
223				^ ^						
224				^ ^						
225			S ₁	^ ^						
226				^ ^						
227				^ ^						
228				^ ^						
229				^ ^						
230				^ ^					CA	IA
231				^ ^						
232				^ ^						
233				^ ^						
234				^ ^						
235			S ₁	^ ^						
236				^ ^						
237				^ ^						
238				^ ^						
239				^ ^						

REMARKS

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RGC EXPLORATION PTY LTD

DRILL HOLE No GAR 004

SHEET 14 OF 14

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⚡ Breccia
- ▨ Broken core
- ▤ Disseminated
- Massive
- ▩ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT :	
PROSPECT :	GARFIELD
DATE :	
LOGGED BY :	

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG						ALTERATION		GEOLOGY NOTES	SUMMARY	
				1/8	1/4	1/2	3/4	1	1 1/2	SIL.	SER.		PK.	ROCK
261				▲										
262				▲										
263				▲										
264				▲										
265				▲										
												264.9 EOH		

REMARKS

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