

323062

RGC EXPLORATION DRILL HOLE RECORD

HOLE NUMBER	TYN010	DRILLED BY	D. D. TAS.
PROJECT	BASIN LAKE	NORTHING	5351947
PROSPECT	TYNDALL	EASTING	380810
DESIGNED BY	SH + MV	RL	612
LOGGED BY	SH	INCLINATION	-65
COMMENCED		AZIMUTH	090
FINISHED		EOH	217.3 m

PURPOSE

To test for massive sulphide mineralisation at the Tyndall Group - Anthony Road Andesite contact adjacent to the Great Lyell fault.

SURVEY DATA

DEPTH	INC.	AZL	DEPTH	INC.	AZL	DEPTH	INC.	AZL
0	-65	090	210	-56.2	091.5			
30	-64	092						
60	-65	094						
90	-65	091						
120	-65.5	094						
150	-64	094						
180	-58	098						

DRILLING DATA

HOLE SIZE	DEPTH	COMMENTS

323063

RGC EXPLORATION PTY LTD

DRILL HOLE No TYN 010 (summary)

SHEET 1 OF 2

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

PROJECT	: BASIN LAKE EL 11/93
PROSPECT	: TUNDALL
DATE	: MAY 1995
LOGGED BY	: S. W. H.

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PT.		ROCK	ALTERATION
10				1 16 1 4 1 4 16 32				0-44.3 UNCONSOLIDATED BOULDERY GLACIAL DEPOSITS, SANDS + MUDS	Qpg	TILL
20										
30										
40										
50				^				44.3-130.4 HORNBLEND-FELDSPAR PHYRIC ANDOSITE		
60				^						
70				^						
80				^						
90				^					Ea	LAH
100				^						
110				^						
120				^						
130				^				130.4-133.5 SILTY ANDOSITIC VOLCANICLASTIC 133.5-143.8 RHYOLITIC VOLCANICLASTIC SEDIMENTS	Eav	VAE
140				-A-A-					ETS	VR>M
150				/ / / /				143.8-217.3 (EOH) QUARTZ-FELDSPAR PHYRIC RHYOLITIC LAVA WITH MINOR INTERBEDDED ANDOSITIC VOLCANICLASTIC SEDIMENTS		
160				/ / / /						
170				/ / / /					ETI	LRQ
180				/ / / /						
190				/ / / /						
200				/ / / /						

REMARKS

323064

RGC EXPLORATION PTY LTD

DRILL HOLE No TYN010 Summary

SHEET 2 OF 2

- Bedding
- ┌ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⊘ Breccia
- ⊗ Broken core
- ⊘ Disseminated
- Massive
- ▨ Pervasive
- ↘ Narrow vein
- * Visible gold

PROJECT	: BASIN LAKE BL 14/93
PROSPECT	: TYNDALL
DATE	: May 1995
LOGGED BY	: S.W.H.

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY												
					SIL.	SER.	PY.		ROCK	ALTERATION											
200				<table style="margin: auto; border: none;"> <tr> <td style="border: none;">1</td><td style="border: none;">1</td><td style="border: none;">1</td><td style="border: none;">1</td><td style="border: none;">16</td><td style="border: none;">32</td> </tr> <tr> <td style="border: none;">/</td><td style="border: none;">/</td><td style="border: none;">/</td><td style="border: none;">/</td><td style="border: none;">/</td><td style="border: none;">/</td> </tr> </table>	1	1	1	1	16	32	/	/	/	/	/	/				GT	LRQ
1	1	1	1	16	32																
/	/	/	/	/	/																
210																					
220				EOH = 217.3																	

REMARKS

323065

RGC EXPLORATION PTY LTD

DRILL HOLE No TYN010

SHEET 1 OF 11

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

PROJECT :	SPENCER
PROSPECT :	TYN010
DATE :	MAY 1985
LOGGED BY :	S.W.H

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG							ALTERATION			GEOLOGY NOTES	SUMMARY		
				1/16	1/4	1/2	3/4	1	1 1/2	2	SIL	SER.	PY.		ROCK	ALTERATION	
1																	
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	
18																	
19																	

0-31.7
 Siltstone, glacial deposit
 possibly calcareous
 contains cherts. Approx. 5%
 siliceous volcanic clasts
 (possibly andesitic material)
 High level of calc. loss
 in the upper 10m of core
 28-31.7m

TILL

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No TYN 010

SHEET 2 OF 11

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

PROJECT :	
PROSPECT :	TYNDALL
DATE :	11/5/95
LOGGED BY :	SWH

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG						ALTERATION			GEOLOGY NOTES	SUMMARY		
				1 16	1 4	1 1	4 16	32	SIL	SER.	PY.	ROCK		ALTERATION		
21																
22																
23																
24																
25																
26																
27																
28																
29																
30																
31																
32																
33													317-40 0			
34													glacial deposits with braided mud matrix			
35																
36																
37																
38																
39																

REMARKS

TILL

323067

RGC EXPLORATION PTY LTD

DRILL HOLE No TYN 010

SHEET 3 OF 11

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

PROJECT :	TAS BASE METALS
PROSPECT :	TYNDALL
DATE :	11/5/95
LOGGED BY :	SWH

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.		ROCK	ALTERATION
0				16 1 4 16 32						
30				16 1 4 16 32				10-13 faded hornblende clay massive hornblende andesite		TILL
45				16 1 4 16 32				44-3-130.4 massive hornblende-feldspar- phyric andesite lava. In places it has a ghosted fragmental texture, probably an in situ hyaloclastite. Orange weathered to 47.6 m.		
51				16 1 4 16 32				This unit is porous through out with open spaces in veins and along fractures. It looks as though carbonates (calcite) have been dissolved out of the rock through the whole unit.		LAH
55				16 1 4 16 32						
60				16 1 4 16 32						
65				16 1 4 16 32						
70				16 1 4 16 32						
75				16 1 4 16 32						
80				16 1 4 16 32						
85				16 1 4 16 32						
90				16 1 4 16 32						
95				16 1 4 16 32						

REMARKS

RGC EXPLORATION PTY LTD

DRILL HOLE No TYN 010

SHEET 4 OF 11

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

PROJECT :	
PROSPECT :	TYNDALL
DATE :	12/5/95
LOGGED BY :	SMH

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				HEMATITE	EPIDOTE	GEOLOGY NOTES	SUMMARY			
					SIL.	SER.	PY					ROCK	ALTERATION		
10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100			1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100						1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100
<p style="font-size: 1.2em;">ghosted fragmental textures with sparse exotic clasts Some of the fragments appear to be albitized.</p> <p style="font-size: 1.2em;">Hb pheno's altered to chlorite + hematite</p>													L.A.H		
REMARKS															

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RGC EXPLORATION PTY LTD

DRILL HOLE No TYN 010

SHEET 5 OF 11

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

PROJECT :	
PROSPECT :	TYNDALL
DATE :	12/5/95
LOGGED BY :	SWH

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.			ROCK	ALTERATION
01				1 1 4 16 32							
05			▨	▲ ▲							
08			▨	▲ ▲							
11			▨	▲ ▲							
14			▨	▲ ▲							
17			▨	▲ ▲							
20			▨	▲ ▲							
23			▨	▲ ▲							
26			▨	▲ ▲							
29			▨	▲ ▲							
32			▨	▲ ▲							
35			▨	▲ ▲							
38			▨	▲ ▲							
41			▨	▲ ▲							
44			▨	▲ ▲							
47			▨	▲ ▲							
50			▨	▲ ▲							
53			▨	▲ ▲							
56			▨	▲ ▲							
59			▨	▲ ▲							
62			▨	▲ ▲							
65			▨	▲ ▲							
68			▨	▲ ▲							
71			▨	▲ ▲							
74			▨	▲ ▲							
77			▨	▲ ▲							
80			▨	▲ ▲							
83			▨	▲ ▲							
86			▨	▲ ▲							
89			▨	▲ ▲							
92			▨	▲ ▲							
95			▨	▲ ▲							
98			▨	▲ ▲							
101			▨	▲ ▲							

red jasper vein

puggy fault zones surrounded by broken ground.

REMARKS

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RGC EXPLORATION PTY LTD

DRILL HOLE No TYN 010

SHEET 6 OF 11

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

PROJECT :	
PROSPECT :	TYNDALL
DATE :	12/5/95
LOGGED BY :	SWH

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG						ALTERATION			GEOLOGY NOTES	SUMMARY		
				16	4	1	4	16	32	SIL	SER.	PY.		ROCK	ALTERATION	
101			▨	^												
102			▨	^										puggy fault		
103			▨	^												
104			▨	^												
105			▨	^												
106			▨	^												
107			▨	^												
108			▨	^												
109			▨	^												
110			▨	^												
111			▨	^												
112			▨	^												
113			▨	^												
114			▨	^												
115			▨	^												
116			▨	^												
117			▨	^												
118			▨	^												
119			▨	^									qtz-chlorite vein running along the core puggy fault			

REMARKS

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RGC EXPLORATION PTY LTD

DRILL HOLE No TYN 010

SHEET 7 OF 11

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

PROJECT :	
PROSPECT :	TYNDALL
DATE :	12/5/95
LOGGED BY :	SWH

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS			STRUCT.	GRAPHIC LOG						ALTERATION			GEOLOGY NOTES	SUMMARY	
		Cu	Pb	Zn		1/16	1/4	1	4	16	32	SIL.	SER.	PX.		ROCK	ALTERATION
121																	
122					500										puggy fault		
123																	
124																	
125																	
126	78	37	26	264													L AH
127	79	93	72	378													
128	80	28	33	391													
129	81	35	7	318											veinlets of red jasper		
130	82	28	45	313													
131	83*	63	11	289											130.4 - 133.5		
132	84*	80	86	245											silty andesitic volcaniclastic, massive, unbedded		VAF
133	85*	101	45	421													
134	86	20	45	336											133.5 - 143.7		
135	87	35	45	299											rhyolitic quartz-phasic volcaniclastic		
136	88	118	18	375											distinctive coarse quartz phenocrysts		
137	89	84	45	375													
138	90	117	16	315											'ghosted' clasts		VRM
139	91	16	13	192													
139	92	7	45	218													

REMARKS * Assay \bar{c} > 1000 ppm Ba

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RGC EXPLORATION PTY LTD

DRILL HOLE No TYH 010

SHEET 8 OF 11

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

PROJECT :	
PROSPECT :	TYNDALL
DATE :	12/5/95
LOGGED BY :	SWH

HOLE DEPTH	SAMPLE No PREFIX T388	ASSAY RESULTS			STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
		Cu	Pb	Zn			SIL	SER	PY		ROCK	ALTERATION
141	93	49	45	245	55 S ₁					S ₁ 40° CA HQ ↓ 143-9 ↓ NO EOH.	VRM	
142	94	52	45	339								
143	95	33	11	251								
144	96*	80	19	155								
145	97*	82	20	208	10 S ₁					143-2 - 149.6 rhyolite lava breccia quartz-feldspar phyric has a vague fragmental texture, with heterogeneous chlorite sericite alteration, moderately foliated 149.6 - 150.2 andesitic volcanoclastic 150.2 - 151.4 rhyolite lava 151.4 - 153 andesitic volcanoclastic 153.0 - 161.9 rhyolite lava with very large quartz phenocrysts		
146												
147												
148												
149												
150												
151												
152												
153												
154												
155												
156												
157												
158												
159												

REMARKS * Assay > 1000 ppm Bg

323073

RGC EXPLORATION PTY LTD

DRILL HOLE No TYN 010

SHEET 9 OF 11

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

PROJECT :	
PROSPECT :	TYNDALL
DATE :	12/5/95
LOGGED BY :	SWH

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.	ALBITE		ROCK	ALTERATION
161				161-162						L.R.Q.	
162				162-163					161.9-162.7 f.g. andesitic volcaniclastic	VAE	
163				163-164					162.7-217.3 quartz-feldspar phyric rhyolite lava, weakly sericitic, moderately foliated.		
164				164-165							
165			45/ S ₁	165-166					very distinctive large quartz phenocrysts generally pale green, some areas of pink-orange albite? alteration.		
166				166-167							
167				167-168							
168				168-169							
169			45/ S ₁	169-170							
170				170-171							
171				171-172							
172				172-173							
173				173-174							
174				174-175							
175			45/ S ₁	175-176							
176				176-177							
177				177-178							
178				178-179							
179				179							

REMARKS

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RGC EXPLORATION PTY LTD

DRILL HOLE No TYN 010

SHEET 10 OF 11

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

PROJECT :	
PROSPECT :	T/MALL
DATE :	12/5/95
LOGGED BY :	SWH

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG						ALTERATION			GEOLOGY NOTES	SUMMARY		
				1/16	1/4	1	4	16	32	SIL.	SER.	PY.		ROCK	ALTERATION	
181																
182																
183																
184																
185				50/S ₁												
186																
187																
188																
189																
190				50/S ₁									S ₁ CA 50°			
191																
192																
193																
194																
195																
196				50/S ₁												
197																
198																
199																

REMARKS

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RGC EXPLORATION PTY LTD

DRILL HOLE No TYN 010

SHEET 11 OF 11

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

PROJECT :	
PROSPECT :	TYNDALL
DATE :	12/5/95
LOGGED BY :	SWH

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.	ALBITE		ROCK	ALTERATION
201				16 1 1 16 32							
202				16 1 1 16 32							
203				16 1 1 16 32							
204				16 1 1 16 32							
205				16 1 1 16 32							
206				16 1 1 16 32							
207				16 1 1 16 32							
208				16 1 1 16 32							
209				16 1 1 16 32							LIRQ
210				16 1 1 16 32							
211				16 1 1 16 32							
212				16 1 1 16 32							
213				16 1 1 16 32							
214				16 1 1 16 32							
215				16 1 1 16 32							
216				16 1 1 16 32							
217				16 1 1 16 32							

217-3 EOH

REMARKS