

# RGC EXPLORATION PTY LTD

DRILL HOLE No LF005

SHEET 1 OF 18

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












PROJECT : <u>LYNCHFORD</u>
PROSPECT :
DATE : <u>27/11/97</u>
LOGGED BY : <u>RGS</u>

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.		ROCK	ALTERATION
0    5    10    15    20							<p>0-34.7 VDFM - Cleaved, variably Ser-py-altered ± chl</p> <p><u>BOX</u></p> <p>Serp/talc replacing chl in more oxidised zones.</p> <p>shale clast - Black</p> <p>unconsolidated - eroded clasts</p> <p>Rounded shale clast</p> <p>Minor py.</p> <p>10.5 Banded py clast</p> <p>Base of fracture ex.</p> <p>A2. Black shale clast</p>	<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Py</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">VDFM</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Ser</p> <p style="writing-mode: vertical-rl; transform: rotate(180deg);">Chl</p>		
REMARKS								222069		
<p>VDFM - VOLCANICLASTIC RESEDIMENTED MASS FLOW/DEBRIS FLOW.</p> <p>- LITHIC stem lithic clasts in a <u>folded</u> pyritic resed. volcanic.</p>										

# RGC EXPLORATION PTY LTD

DRILL HOLE No LF005

SHEET 2 OF 18

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

PROJECT :	LYNCH FURT
PROSPECT :	
DATE :	27/11/97
LOGGED BY :	RG5

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY	
							ROCK	ALTERATION
20				16 4 1 16 32 SIL. SER. PY. CH		Large pale clasts 6cm very weathered, may be mafic.		
25			35°			24.4 - Rhyolitic lithic clast 24.5 - Black shale → Py clast.		SOF ± CH1, 5 <sup>th</sup>
30			35°			26 Block shale clast (thin) 26.3 Large (8x5cm) differentially weathered pale clast. 27.5 Broken core - weathered around. 27.95-29 LOST CORE		VDFM
35			45°			29-34.7 Broken + weathered core 30.0 Block shale clast.		
35			45°			37.9 VUG FAULT - Qtz fill	↔	VDFM
35			45°			32.7-34.7 Felsic mass flows + Py sharp contacts	↔	VDFM
35			60°			34.7-35.7 Black shale	↔	SLT
35			80°			35.7 - 38.2 - Green Ser Ashy silt/sal 36.05 Qtz vein/elt 36.4 Qtz filled fault.	↔	SLT
40			35°			38.2 plane structures + soft sed folds 38.2-38.8 Black/green veined silt 38.8-47.6 intraclast polymict resedimented mass flow	↔	SLT
REMARKS								
							222070	

# RGC EXPLORATION PTY LTD

DRILL HOLE No LFO05

SHEET 3 OF 18

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

PROJECT :	LYNCHFORD
PROSPECT :	
DATE :	3/12/97
LOGGED BY :	RGS.

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.		FAUN.	ROCK
40								<p>39.8-47.6 - Polymict debris Flow / Avalanche.</p> <p>MATRIX - Block, silicified</p> <p>CLASTS - &lt;1m - 710cm in size</p> <p>- Feldspar grains, shale clasts, Qtzphyric volcaniclastic clasts, VDF clasts, pyrite clasts</p> <p>MINERALISATION</p> <p>Pyrite in matrix</p> <p>CPy, Py, Bo crystals &amp; grains in Qtzphyric volcaniclastic &lt;1%</p>	VDLM-C	Ser ± Py
45								<p>47.6-53 - well to indistinctly bedded VDF</p> <p>50.2 - sericitic shear</p>	VDFF	Ser
50			QV					<p>QZ-chl Fabric destructive vein - Vugs</p> <p>53.6-54.4 VDF</p>	QV	Ser, Py, Py
55								<p>54.4-55 Interbedded block shale &amp; VDF</p> <p>55-81.4 Polymict volcaniclastic mass flow. Large (&lt;10cm) block shale, grey shale, Qtz, sericitised Relat, par, feldspar &amp; pyrite clasts.</p>	VDLFM	Ser, Py
60										
REMARKS								222071		



# RGC EXPLORATION PTY LTD

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PROJECT :	LYNCHFORD
PROSPECT :	
DATE :	3/12/97
LOGGED BY :	RGS

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION						GEOLOGY NOTES	SUMMARY						
					SIL.	SER.	PY.	PO	CPY	SO		CAI	FACING	ROCK	ALTERATION			
80																		
85																		
90																		
95																		
100																		
REMARKS																		

222073

# RGC EXPLORATION PTY LTD

DRILL HOLE No LFOOS

SHEET 6 OF 18

- Bedding
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- ⚡ Breccia
- ⊞ Broken core
- ⊞ Disseminated
- Massive
- ▨ Pervasive
- ⚡ Narrow vein
- \* Visible gold

PROJECT :	LYNCHFORD
PROSPECT :	
DATE :	3/12/97
LOGGED BY :	RGS

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION					GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.	SPX	Chl		ROCK	ALTERATION
100										100-103 - Mass flow felsic with black shale interclasts at base	VDL-M-C	Ser
105										103-105 - Interbedded VDF & Black silt. MINERALISATION Steatobound & fracture filled, remobilised py, cpy	VDF/SILT	Py
110										105-107 Felsic volcaniclastic mass flow shale clasts, feldspar, sericitised feldspar, pyrite-clasts. 106.0-107.4 Black shale bed/clast. Irregular contacts, some rock type either side	VDL-M-C	Ser, Chl, + Py
115										SILICIFIED CLASTS + SPHALERITE TOWARDS BASE + P. PY.	SILT	S, R
120	REMARKS											
222074												



# RGC EXPLORATION PTY LTD

DRILL HOLE No LFO05  
 SHEET 8 OF 18

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⚡ Breccia
- ▨ Broken core
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- \* Visible gold

PROJECT :	LINCHFORD
PROSPECT :	
DATE :	5/12/97
LOGGED BY :	RGS.

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				GEOLOGY NOTES	SUMMARY	
					SIL.	SER.	PY.	CAI		CC	FACING
140			50/5						140.4-143.5 - Block shale clasts in felsic sst.		Chl, C, Py VDLM-C
			5/5						143.5-144.7 - Block shale 144.7-147.5 - Fine, chloritic felsic sst.		SLT VDLF
145			28						147.5-147.7 - Block shale 147.7-149 - Mass flow		SLT VDLF
			5/4						149-150.5 - Fine chloritic felsic sst.		VDLF
150			5/5						150.5-152.5 - Felsic Mass flow		VDLF-M
			50/30						152.5-154.9 - Block shale - Cc veins 153.2 pink nodules (4cm)		SLT Py, Cc
155									154.9-164 mass/Debris flow block shale, grey shale clasts & VDFM.		VDLC
160											
REMARKS											
222076											

# RGC EXPLORATION PTY LTD

DRILL HOLE No LFO05

SHEET 9 OF 18

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

PROJECT :	LYNCHFORD
PROSPECT :	
DATE :	5/12/97
LOGGED BY :	RGS

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS (ppm)			STRUCT.	GRAPHIC LOG	ALTERATION						GEOLOGY NOTES	SUMMARY			
		Cu	Pb	Zn			SIL.	SER.	PK	Sph	Chl	Cc		PO	FACING	ROCK	ALTERATION
160																VDLC	Chl ± Cc ± Py
165													164-172.3 mass flow - block shale clasts in a fine grained sst. grading into a silt. numerous Cc, ± Py filled fractures.			VDLF-M	Chl ± Cc, Py
170																	
175													172.5-176.9 mass flow - block grey shale clasts.			VDL-M	Chl ± Cc, Py
1020	401			143													
	402		99	501									176.9-177.4 0.12 phytic crystals sst grading into a block shale with distinct stratiform pyrite			URB-M	Chl Cc
	403	94	138	1566									177.1-179. Dacitic - Rhyolitic x'tal rch breccia in dark matrix.			VDLC	Chl Py
	404	96	704	474									179-202.7 - SLT.			SLT	












REMARKS

222077

# RGC EXPLORATION PTY LTD

DRILL HOLE No LF005

SHEET 10 OF 18

-  Bedding
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-  Pervasive
-  Narrow vein
-  \* Visible gold

PROJECT :	LYNCHFORD
PROSPECT :	
DATE :	12/12/97
LOGGED BY :	RGS

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS (ppm)			STRUCT.	GRAPHIC LOG	ALTERATION							GEOLOGY NOTES	SUMMARY		
		Cu	Pb	Zn			SIL	SER	PC	SP	SO	U	RO		ROCK	ALTERATION	
180	405			3980													
	406			355													
	407			764													
	408			680													
	409			1066	18												
185	410			625	85												
	411			379	3												
	412			109	15												
	413																
	414	132	221														
190	415	40	303	1317	25												
	416	72	112	257	59												
	417				10												
	418																
195	419																
	420																
	421				59												
	422				25												
	423			106													
200	424			135	10												
REMARKS																	
Hydrantite brecciated SLT with white calc. ch. infill																	
															222078		

Galena vein.

calc. vein + minor galena

crack-seal vein.

Breccia at vein margin

S, C, Ch, P, Pb + Sp, Gr  
SLT / VDFE

# RGC EXPLORATION PTY LTD

DRILL HOLE No LF005

SHEET 11 OF 18

- Bedding
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- ↖ Narrow vein
- \* Visible gold

PROJECT :	LTUNFORD
PROSPECT :	
DATE :	12/12/97
LOGGED BY :	RGS

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS (ppm)	STRUCT.	GRAPHIC LOG	ALTERATION							GEOLOGY NOTES	SUMMARY			
					SIL.	SER.	PY.	Sph	Chl	Cc	Pb		FACING	ROCK	ALTERATION	
200	425	Zn 294												SIL, Cc, Chl, Pb	SLT/VDF	
	426														VDF	
	427	104											Mass flows - black shale clasts to 3cm. 202.7 - 214		VDF	
205															VDF	
															VDF	
210															VDF	
													214-216-B. Mass flow, small black shale clasts (~1cm) grading into a black substratified shale. 215.7-216.4 - vein - 1cm		VDF/SLT	Chl, Pb, Cc
215													216.6-218 Mass flow.		VDF	Chl
													218-221.7 - Capable white rich sst		VDF	Chl
220															VDF	Chl

REMARKS

222079

# RGC EXPLORATION PTY LTD

DRILL HOLE No LF005

SHEET 12 OF 18

- Bedding
- └ Cleavage
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- ~ Fault, Shear
- ⚡ Breccia
- ⊞ Broken core
- ⊞ Disseminated
- Massive
- ▨ Pervasive
- ↖ Narrow vein
- \* Visible gold

PROJECT :	LITCHFORD
PROSPECT :	
DATE :	12/12/97
LOGGED BY :	RGS

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION							GEOLOGY NOTES	SUMMARY		
					SIL.	SER.	PY.	CH.	CC	PO	FACING		ROCK	ALTERATION	
220															
			F 45									221-7-225 - Black to grey silt. Faulted contacts.	←	SLT	P <sub>1</sub> , P <sub>0</sub> = CL1, SP1
225			S 45									225-225.2 - Lithic red (dark) moss flow, shale clasts & lumpy		VDC	CL1
			S 25									225.2-245.2 - Interbedded silt & fine sands numerous fine CC/OTC veins			
230			S 55											VDFE/SLT	CL1 + P <sub>3</sub> , P <sub>2</sub>
235			S 50												
240			S 5												
REMARKS													222080		

# RGC EXPLORATION PTY LTD

DRILL HOLE No LFO05

SHEET 13 OF 98

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- ⚠ Breccia
- ▨ Broken core
- ▤ Disseminated
- Massive
- ▩ Pervasive
- ⚡ Narrow vein
- \* Visible gold

PROJECT :	LYNCHFORD
PROSPECT :	
DATE :	12/12/97
LOGGED BY :	RG5

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION							GEOLOGY NOTES	SUMMARY			
					SIL.	SER.	PY.	Sph	CAI	CC	Pb		FACING	ROCK	ALTERATION	
240													Indistinct bedding			CL1
245													245.2-245.4 VDFM 245.4-248 graded mass flows.	0	VDF-M	CL1 CL1, P, Pb
													248-249 bedded grey & black silt		SLS	
													249-249.5 - mass flow block chert clasts		VDF-C	
250													249.5-255.5 - Turbidite sequence of increasing intensity down hole	0	VDF-M	CL1 P, Pb
255													255.5-260 - mass flows, lower energy/intensity, more fins.	0	VDF-M	CL1 P, Pb
260														0	VDF-M	

REMARKS

222081

# RGC EXPLORATION PTY LTD

DRILL HOLE No LFO05

SHEET 14 OF 18

- Bedding
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- ▲ Foliation
- ~ Fault, Shear
- ⚡ Breccia
- ▨ Broken core
- ▤ Disseminated
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- \* Visible gold

PROJECT :	LYNCHFORD
PROSPECT :	
DATE :	12/12/97
LOGGED BY :	RGS

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION							GEOLOGY NOTES	SUMMARY		
					SIL.	SER.	PY.	Sph	Chl	Cc	PO		FACING	ROCK	ALTERATION
260													260-263.6 - Massive VDFM. 261.1 - crack-seal vein		Chl VDFM
265			8/10										263.6-265.5 turbidite sequence.	↑	Chl, Py, B VDFM
270			8/12										265.5-270.9 - Interbedded gray/black silt. 268.3 - Hydraulic Bx - Cc, Py, Po fill		Chl + Py SLT
275			35										269.5 - Hydraulic Bx - Cc / 40% fill		Chl
			35										270.9-271.5 - massive flow - block chert 271.5 - vein + breccia.		Chl VDFM
			35										271.5-278.6 Turbidite sequence	↑	Chl, Py VDFM
280			35										278.6-286.2 - Turbidite seq		SLT Chl, Py
REMARKS															
													222082		

# RGC EXPLORATION PTY LTD

DRILL HOLE No LF005  
 SHEET 15 OF 18

- Bedding
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- ~ Fault, Shear
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- ▨ Broken core
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- \* Visible gold

PROJECT :	LYNCHFORD
PROSPECT :	
DATE :	12/12/97
LOGGED BY :	RGS.

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION							GEOLOGY NOTES	SUMMARY			
					SIL.	SER.	PY.	Sph	Qtz	CC	PO		FACING	ROCK	ALTERATION	
280													Turbidites - black shale tops grading into fine-med sst.			
285													2874-2893 - Black shale, numerous fine veins.			
290													2893-2903 - felsic mass flow			
295													2903-2959 - Interbedded grey silt & fine grey sst.			
													2959-2972 - felsic mass flow			
													2972-2988 Black silt s <sub>1</sub> defined by alignment of py			
300													2988-339.7 interbedded grey silt & fine grey sst			

REMARKS

Ant Jockwise  
Vergence

222033

# RGC EXPLORATION PTY LTD

DRILL HOLE No LFO05

SHEET 16 OF 18

- Bedding
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PROJECT :	LYNCHFORD
PROSPECT :	
DATE :	15/12/97
LOGGED BY :	RGS

HOLE DEPTH	SAMPLE No PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION							GEOLOGY NOTES	SUMMARY		
					SIL.	SER.	PHY.	Sph	CAI	Cc	PO		FACING	ROCK	ALTERATION
300			85 112		1 16 4 16 32	SIL.	SER.	PHY.	Sph	CAI	Cc	PO		↕	CH1 ± Ser, Cc, S, Sph
305			47 12										309.7 Sph, Cc, PO ± Qtz vein	↕	SLT / VDFE
310			15												
315			11												
320			2												
REMARKS															
222084															

# RGC EXPLORATION PTY LTD

DRILL HOLE No LFO05

SHEET 17 OF 18

- Bedding
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PROJECT :	LYNCHFORD
PROSPECT :	
DATE :	15/12/97
LOGGED BY :	RGS

HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS (ppm)		STRUCT.	GRAPHIC LOG	ALTERATION					GEOLOGY NOTES	SUMMARY		
		Pb	Zn			SIL.	SER.	PY.	SPX	CAI		CC	VPB	FACING
320					16 1 4 16 32							320.4 - Hydraulic bx. Cc, Qtz infill		
												321 - Hydraulic bx - Cc, Qtz, Ch infill.		
325												326.5 → core very broken		
330														
335														
	429	130	390											
	430		275									339.2 - Hydraulic Bx - Cc, Qtz infill.		
340												339.7 - 340 - Graphite - coal bed?		
REMARKS														
222085														

# RGC EXPLORATION PTY LTD

DRILL HOLE No LF005

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PROJECT :	LYNCHFORD
PROSPECT :	
DATE :	15/12/97
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HOLE DEPTH	SAMPLE NO PREFIX	ASSAY RESULTS (ppm)	STRUCT.	GRAPHIC LOG	ALTERATION						GEOLOGY NOTES	SUMMARY		
					SIL	SER	PH	SP	CH	CL		LEUCOXENE	FACING	ROCK
340	431	Zn									340-347 - Perovskite leucotene, from ilmenite rich mafic?			
	432	395									340-347 - polymict breccia			
	433	281									MATRIX - silicified (especially at base), dark → black shale?			
	434	429									CLASTS - small (<1.5cm) black shale, at. phytic, rhyolite (5.5cm); feldspar crystals, sericite-Leucotene altered (mafic?) clasts (<10cm)			
345	435	152												
	436	265												
	437													
347	401													

REMARKS

222086