

GOLDFIELDS EXPLORATION DRILL HOLE RECORD

HOLE NUMBER	TYN021	DRILLED BY	DDTAS (LY P4)
PROJECT	Anthony EL 19/1998	NORTHING	5354130
PROSPECT	Langdon	EASTING	380965
DESIGNED BY	M Vicary	RL	548
LOGGED BY	M Vicary	INCLINATION	-54
COMMENCED	22 April 2002	AZIMUTH	270 AMG
FINISHED	26 May 2002	EOH	350.8m

PURPOSE

To test DHEM anomaly to the south of TYN017.

SURVEY DATA

DEPTH	INC.	AZ.	DEPTH	INC.	AZ.	DEPTH	INC.	AZ.
0	-54	270	157	-53.5	268	280	-44.5	267
44	-53.5	266	196	-51.5	267	320	-41	268
85	-54	269	226	-50	266	350	-39	264
124	-53.7	265	256	-48	267			

DRILLING DATA

HOLE SIZE	DEPTH	COMMENTS
PQ	0 – 72	Hole not cased with PVC
HQ	72 – 159	
NQ	159 – 350.8	

SUMMARY

Geology
0 – 13.2 Glacial deposits (Qg)
13.2 – 73.5 Highly weathered andesite (Ca)
73.5 – 234.3 Andesite (Ca)
234.3 – 283.0 Andesitic volcanoclastic sandstone and minor carbonate (Cav)
283.0 – 320.0 Quartz porphyry (Cp)
320.0 – 323.8 Semi massive pyrite
323.8 – 350.8 Quartz porphyry (Cp)
Assays
Hole assayed at ~1m intervals from 283.0 – 350.8m (Au, Cu, Pb, Zn, Ag and As)
Best results of 4.8m @ 0.7 g/t Au from 320.0 – 324.8m (includes 1m @ 1.8 g/t Au).

GOLDFIELDS EXPLORATION

DRILL HOLE No. TUNOZI (SUMMARY)

- Bedding
- └ Cleavage
- ▲ Foliation
- ~ Fault, Shear
- ⚡ Breccia
- ▨ Broken Core
- ▤ Disseminated
- Massive
- ▨ Pervasive
- ↘ Narrow Vein
- * Visible Gold

SHEET 2 OF 2

PROJECT	: ANTHONY EL 19/1998
PROSPECT	: LANGDON PROSPECT
DATE	: APRIL - MAY 2002
LOGGED BY:	M VICARY

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY		
					SIL	SER	PY		FORMATION	ROCK	ALTERATION
220	PREFIX			1/16 1/4 1 4 16 32							
210				^						G	LAFH
220											
230				^							
240				^						Cav	VAFM / CARB
250				^							
260				^							
270				^							
280				^							
290				/						CP	IRK
300				/							
310				/							
320				█				Massive Sulphide.			SER-PYR ALTERATION
330				/							
340				/							
350				/							
				EOH = 350.8m							
REMARKS											

GOLDFIELDS EXPLORATION

DRILL HOLE No. T4NOZ1

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken Core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow Vein
-  * Visible Gold

SHEET 1 OF 18

PROJECT : ANTHONY BL 19/1998
PROSPECT : LANGDON PROSPECT
DATE : APRIL-MAY 2002
LOGGED BY : M VICARY

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION			GEOLOGY NOTES	SUMMARY		
					SIL.	SER.	PY.		FORMATION	ROCK	ALTERATION
				1/16 1/4 1 4 16 32				0-0.2 Soil/Peat			
1				○				0.2- 13.2 Unconsolidated pebble-cobble glacial deposits			
2				○							
3				○							
4				○							
5				○							
6				○							
7				○							
8				○							
9				○							
10				○							
11				○							
12				○							
13				○							
14				^				13.2-33.0 Highly weathered limonitic andesitic clay			
15				^							
16				^							
17				^							
18				^							
19				^							
20				^							
REMARKS											

GOLDFIELDS EXPLORATION

DRILL HOLE No. TYN021

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken Core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow Vein
-  * Visible Gold

SHEET 2 OF 18

PROJECT :
PROSPECT :
DATE :
LOGGED BY :

HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
20				1/16 1/4 1 4 16 32 SIL. SER. PY.					
1				^					
2				^					
3				^					
4			Collapse	^					
5				^					
6			Collapse	^					
7			Collapse	^					
8			Collapse	^					
9				^					
30			Collapse	^					
1				^				Ca	
2				^					
3			Collapse	^					
4				^		Limonite weathered feld-Hbl phyric andesite. Mangemiferous jointing common			
5				^					
6				^					
7				^					
8			Collapse	^					
9				^					
40	REMARKS								

GOLDFIELDS EXPLORATION

DRILL HOLE No. TYN021

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-  Foliation
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SHEET 3 OF 18

PROJECT :
PROSPECT :
DATE :
LOGGED BY :

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG							ALTERATION	GEOLOGY NOTES	SUMMARY					
				1/16	1/4	1	4	16	32	OL			SF	Py	FORMATION	ROCK	ALTERATION	
50																		
1																		
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
50																		
1													10 cm Qtz vein					
2													51-55m strongly broken with core loss					
3																		
4																		
5																		
6													55-					
7													Rock becomes more "lithified" i.e. less weathered.					
8																		
9																		
60																		
REMARKS																		

GOLDFIELDS EXPLORATION

DRILL HOLE No. TYN021

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SHEET 4 OF 18

PROJECT :
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HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
50				1/16 1/4 1 4 16 32	S ₁ SER. PY.				
1				^					
2				^				LAFH	L--6
3				^					
4				^					
5				^					
6			[Cross-hatched]	^					
7				^					
8				^					
9				^					
70			Core loss			4.6m Core loss Fault Zone		FALT	L--8
1				^					
2				^					
3			[Cross-hatched]	^				LAFH	L--6
4				^					
5			Core loss	^					
6			[Cross-hatched]	^				LAFH	LO-6
7				^					
8				^					
9				^					
80				^					
REMARKS									

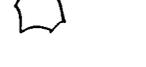
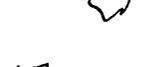
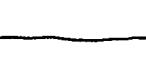
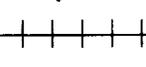
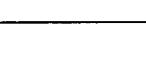
GOLDFIELDS EXPLORATION

DRILL HOLE No. TYNOZ1

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken Core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow Vein
-  * Visible Gold

SHEET 5 OF 18

PROJECT :
PROSPECT :
DATE :
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HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
80				$\frac{1}{16}$ $\frac{1}{4}$ 1 4 16 32 SIL. SER. PY.		Chl-lim altered andesite breccia			
1									
2									
3									
4									
5									
6									
7						Chl altered andesite breccia Limonitic joints common		LAFB	
8									
9									
90						Qtz phytic clast			
1									
2									
3									
4									
5						Fault?			
6			Loss					Loss	
7									
8									
9								LAFB	
100									
REMARKS									

GOLDFIELDS EXPLORATION

DRILL HOLE No. TYN021

SHEET 7 OF 18

-  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		
							FORMATION	ROCK	ALTERATION
120	PREFIX			$\frac{1}{16}$ $\frac{1}{4}$ 1 4 16 32 <small>Gr SER Py</small>					
1				^					
2				^					
3				^					
4				^					
5				^					0--6
6				^					
7				^		Small limonitic fault.			
8				^					
9				^			Ca	LAFH	
130				^					
1				^					LD-6
2				^					
3				^					
4				^					
5				^					
6				^					CA-6
7				^					
8				^					
9				^					
140	REMARKS								

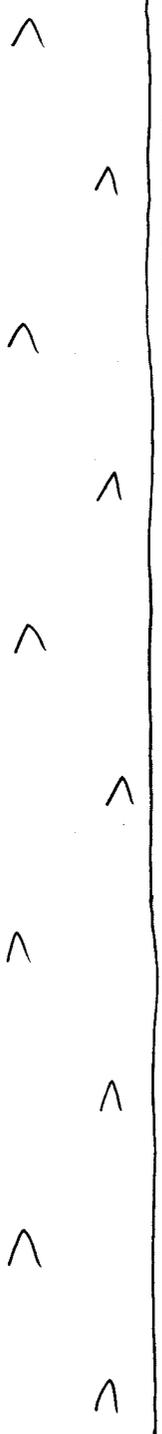
GOLDFIELDS EXPLORATION

DRILL HOLE No. T4NOZ1

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken Core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow Vein
-  * Visible Gold

SHEET 8 OF 18

PROJECT :
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HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
40				$\frac{1}{16}$ $\frac{1}{4}$ 1 4 16 32 	SIL SER PY				
1									
2									
3									
4								OA-b	
5									
6									
7									
8								AO-E	
9								AO-E	
150								AO-E	
1								AO-E	
2									
3								OA-b	
4									
5									
6									
7									
8									
9									
160									
REMARKS									

CARBONATE VEINS LEACHED.

Ca

LAFH

OA-b

OA-b

AO-E

AO-E

AO-E

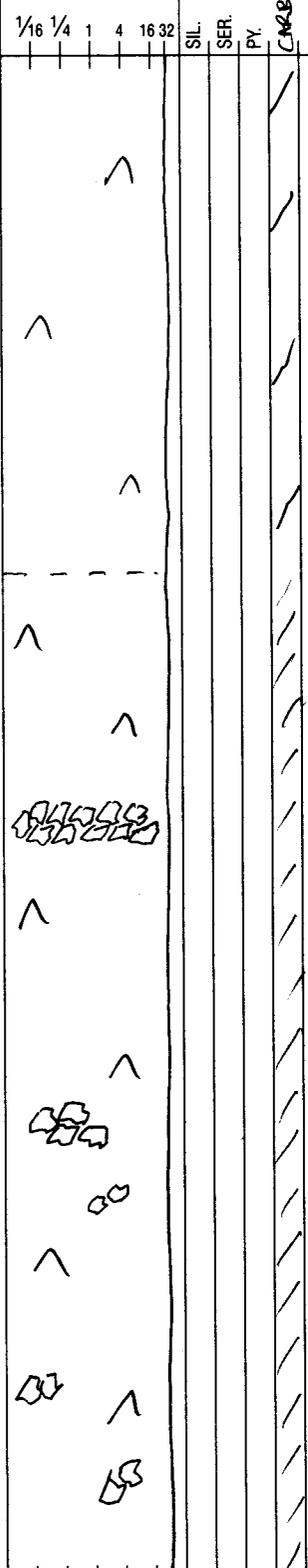
GOLDFIELDS EXPLORATION

DRILL HOLE No. TYN021

SHEET 9 OF 18

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken Core
-  Disseminated
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PROJECT :
PROSPECT :
DATE :
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HOLE DEPTH	SAMPLE No. PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
160				<div style="display: flex; justify-content: space-between; font-size: 8px;"> 1/16 1/4 1 4 16 32 SIL. SER. PY. CARB </div> 					
1						hm altered andesite with abundant carbonate microveins, microbreccias and veins.			
2									
3									
4									
5									
6									
7									
8									
9									
170									
1									
2									
3									
4									
5									
6									
7									
8									
9									
REMARKS									

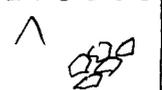
GOLDFIELDS EXPLORATION

DRILL HOLE No. TUNOZ1

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken Core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow Vein
-  * Visible Gold

SHEET 11 OF 18

PROJECT :
PROSPECT :
DATE :
LOGGED BY :

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION				GEOLOGY NOTES	SUMMARY		
					OL	SER.	PY.	Carb		FORMATION	ROCK	ALTERATION
80	PREFIX		//	$\frac{1}{16}$ $\frac{1}{4}$ 1 4 16 32 								
1				^								
2				^								
3				^								AO-6
4				^								
5				^								
6				^								
7				^								
8				^						Ca	LAFH	OA-6
9				^								
210				^								
1				^								
2				^								
3				^					Intense Carb veining with orange (Alb?) selvages			
4				^								
5				^								
6				^								
7				^								
8				^								
9				^								
220				^								HAC6
REMARKS												

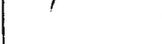
GOLDFIELDS EXPLORATION

DRILL HOLE No. TYN021

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken Core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow Vein
-  * Visible Gold

SHEET 15 OF 18

PROJECT :
PROSPECT :
DATE :
LOGGED BY :

HOLE DEPTH	SAMPLE No. 1382... PREFIX	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
0				1/16 1/4 1 4 16 32 SIL. SER. PY. CHAS			CAV	YAFM	OC-6
1									
2									
3	START		F			Qtz ± Pink Alb ± Carb veining.			AD-6
4	716								SP-6
5	17								SP-6
6	18								SP-6
7	19					Qtz Porphyry			SP-6
8	20								SP-6
9	21								SP-6
200	22								SP-6
210	23								SP-6
220	24						CP	IRL	SP-6
230	25								SP-6
240	26								SP-6
250	27								SP-6
260	28								SP-6
270	29								SP-6
280	30								ASPB
290	31								ASPB
300	32								ASPB
REMARKS									

GOLDFIELDS EXPLORATION

DRILL HOLE No. TUNOZ1

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken Core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow Vein
-  * Visible Gold

SHEET 16 OF 18

PROJECT :
PROSPECT :
DATE :
LOGGED BY :

HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY			
							FORMATION	ROCK	ALTERATION	
000	PREFIX			1/16 1/4 1 4 16 32	SIL. SER. PY.					
1	33			/					AOP	
2	34									
3	35			-					SPD	
4	36									
5	37			/						
6	38			-						
7	39									
8	40			/						
9	41			/				CP	IRL	
310	42			-					SP-6	
1	43									
2	44			/						
3	45									
4	46			-						
5	47			/						
6	48			-						
7	49									
8	51								SP-8	
9	52			/					SP-8	
310	53								SP-8 PR-8	
REMARKS							Possibly Pyrophyllite bearing			

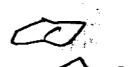
GOLDFIELDS EXPLORATION

DRILL HOLE No. TUNO21

SHEET 17 OF 18

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken Core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow Vein
-  * Visible Gold

PROJECT :
PROSPECT :
DATE :
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HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY		
							FORMATION	ROCK	ALTERATION
320	PREFIX			1/16 1/4 1 4 16 32 SIL. SER. PY.					
1	54					banded massive pyrite with siliceous bandings Trace enargite			
2	55							MPYR	PQ-9
3	56								
4	57								
5									
6	59		Core Loss						
7									
8	60								
9	61								
330	62								
1	63								
2	64								
3	65								
4	66		F						
5	67								
6	68								
7	69								
8	70								
9	71								
340	72								
REMARKS									

GOLDFIELDS EXPLORATION

DRILL HOLE No. TYN021

-  Bedding
-  Cleavage
-  Foliation
-  Fault, Shear
-  Breccia
-  Broken Core
-  Disseminated
-  Massive
-  Pervasive
-  Narrow Vein
-  * Visible Gold

SHEET 18 OF 18

PROJECT :
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HOLE DEPTH	SAMPLE No.	ASSAY RESULTS	STRUCT.	GRAPHIC LOG	ALTERATION	GEOLOGY NOTES	SUMMARY			
							FORMATION	ROCK	ALTERATION	
340	PREFIX			<div style="display: flex; justify-content: space-around; font-size: small;"> 1/16 1/4 1 4 16 32 </div> <div style="display: flex; justify-content: space-around; font-size: x-small;"> SP SER. PY. </div>						
1	73			/						
2	74			/						
3	75		F	/						
4	76			/						
5	77			/						
6	78			/						
7	79		F	/						
8	80			/						
9	81			/						
350	82			/						
	83			/						
				EOH = 350.8m						
REMARKS										

SP-8

CP

FPL

FPL

FPL

FPL

SP-6

SP-6

SP-8

SP-8

SP-6