18.4 = 19.4?

BARRICK

HENTY PROJECT

DIAMOND DRILLHOLE SUMMARY

Drillhole:

Prospect: TYNDALL LANE Tenement: EL28/2001 Logged By: _____ EOH Depth: 330.30m

Reason for Hole: TESTING THE SETTING & DOWNDIP CONTINUITY OF QUARTZ + BASE METAL + Au MINERALISATION

Pre-collar
Commenced: Pre-collar Depth: Pre-collar No (if different):
Rig: Completed: Drilling Contractor:
Drill Plod No.s:

Diamond
Commenced: 20-8-07 Completed: 12/09/2007 Drilling Contractor: SPRODINGS.
Rig: KL800 Drill Plod No.s: 2426 → 2444

Hole Setup

Grid/Datum	East	North	RL	Surv. Meth.	Dip	Azimuth	
GDA94	380983	5357245		GPS	-50	056	(MAG)
Henty Mine Grid	22852.792	48809.489	2506.838	Picked			

Condition of Hole:
PVC Casing Depth: Drill casing left in hole:
50mm casing Depth: Depth to Water:
Water Flow & Quality:

Drill Size

Type	Size	From	To
DD	HQ2	0	

Summary Log

From	To	Unit	Litho	Description
0	76.4	LTG	LTUF	Volc. sstn
76.4	82.4	LTG	FTXX	broken faulted ground
82.4	96.12	LTG	LTUF	Volc. sstn
96.12	116.4	LTG	UCSH	FG shales
116.4	160.5	LTG	LTUF	Volc. sstn.
160.5	311.15	LTG?	QFPY	Intermixed porphyry & carbonates
311.15	330.3	LTG?	UCCG	Assorted volc. sedts.

Surveys

Depth	Dip	Azi

Camera type: S.S.

Core Orientation? ☐
Spacing:

Mineralisation

From	To	Interval	Mineralogy	Style	Comments

Assays

Sample Numbers	Assay Lab	Date Sent	Submittal No. / Comments.

Standards/Duplicates:

Rehabilitation
remedial work completed / required:

Comments:

BARRICK GOLD

Henty Exploration Drill Hole Log

1:200

Project: HENTY EXPLORATION
Prospect: TYNDALL CREEK
Date: 23 AUGUST 2007

Hole ID: Z16739
Page: 1 of 7
Logged By: S STEPHENS

DEPTH m	GRAPHIC vfg fg mg cg	LITHOLOGY Form	Rocktype	ALTERATION Type	Style	Strength	STRUCTURE Struct	COMMENTS
2		XX	LOSS				BKGR LOSS	BROKEN GRAVELLY RUBBLE OVEN CONGLOMERATE
4								
								5.5m
6							SMALL PUGGY FLTS.	
8								
10		LYM						
12								COARSE GRAINED POORLY SORTED CRYSTAL RICH SANDSTNE
14						1		
16					PY			MODERATE / STRONG MAGNETISM
18			LTUF	AB	CL			LTUF VOLCANICLASTIC
20								RHYOLITIC LITHIC CLASTS UP TO 20cm
22								
24								
26								CLAY ALT FLT SEAMS
28							MOD BROKEN	
30		LYM		Y		1	BKGR	
32								
34								
36								
	PUGG		LTUF				35.7 PUGG SEAM	IRREGULAR FAULT SEAM
38								
40								
42	PUGGY FLTS.							
44								
46		LYM						
48								
50								

Henty Exploration Drill Hole Log

1:200

Project: HENTY EXPLORATION
Prospect: TYNDALL CREEK
Date: 23 AUGUST 2007

Hole ID: Z16739
Page: 2 of 7
Logged By: S. STEPHENS

DEPTH m	GRAPHIC vfg fg mg cg	LITHOLOGY Form	Rocktype	ALTERATION Type	Style	Strength	STRUCTURE Struct	COMMENTS
52								COARSE GREY VOLCANICLASTIC MOD/STRONG MAGNETISM POORLY SORTED LTUF? SEVERAL SMALL
54							55.0 PUGG SEAM N10° TO CA	
56		LYM	LTUF					
58								WEAK PATCHY ALBITE ALTERATION/BLEACHING SOME LITHIC CLASTS
60								
62								
64				A	PT	1		
66								
68			LTUF					
70								
72		LYM						
74								
76	FAULT							76.4
PUGG			LOSS	Y			PUGG	77.3 CORE LOSS
78	FTXX		FTXX	Y			FLT 2	79.3 BROKEN RUBBLE & CORE LOSS
PUGG								
80	FTXX		FTXX	Y			FLT2	FAULTED PUGGY GROUND WITH CORE LOSS
PUGG								
82	FAULT							82.4
84								COARSE GRAINED WELL SORTED VERY CRYSTAL RICH
86			LTUF					OK CHLORITE CLOTS
88								LOSS OF LITHIC CLASTS
90		LYM					89.5m FAUL 10cm	
92								
94								
96								96.12 UCSH
98			UCSH				BEDD	LAMINATED GREY SILTSTONE MOD OS PYRITE
100								

Henty Exploration Drill Hole Log

Project: HENTY
Prospect: TYNDALL CREEK
Date: 29 AUG 07

Hole ID: Z16739
Page: 3 of 7
Logged By: S STEPHENS

DEPTH	GRAPHIC (vfg / fg / mg / cg)	LITHOLOGY Form	LITHOLOGY Rocktype	ALTERATION Type	ALTERATION Style	ALTERATION Strength	STRUCTURE Struct	COMMENTS
102							BEDD	LAMINATED FINE SILTSTONE DK GREY COLOUR BEDDING 20°-70°CA
104		LTG	SISH				MOD BKGR	
106							STR BKER	
108								
110								
112								
114								114.0 SISH HIGHLY SILICIOUS PINK CHERT MODERATELY BROKEN, MOTTLED PINK/GREY
116			SISH (CHERT)				MOD BROKEN GRADING	116.4 LTUF GREY CHLORITIC COARSE GRAINED XTAL RICH SANDSTONE (LTUF?) GRADED BEDDING YOUNGING UP HOLE
118			LTUF	CHL +MGT	PV	LOW		
120								119.95 LTUF RELATIVELY HOMOGENOUS MED. GRAINED XTAL RICH SANDSTONE DARK GREY/GREEN CHL ALTERED MODERATELY MAGNETIC
122								
124								
126			LTUF	CHL	PV	WK		
128								
130								
132								
134								
136								
138								138.0 LTUF AS ABOVE, SLIGHTLY COARSER GRAINED, MOTTLED PINK SELECTIVE ALBITE ALTERED CLASTS/PATCHES BECOMING MORE APPARENT DH.
140								
142				AB	PT	WK		
144			LTUF					
146								
148								
150								

Henty Exploration Drill Hole Log

1:200

Project: HENTY EXPLORATION
Prospect: TYNDALL CREEK
Date: 23 AUGUST 2007

Hole ID: Z16739
Page: 4 of 7
Logged By: S STEPHENS

DEPTH m	GRAPHIC vfg fg mg cg	LITHOLOGY Form	Rocktype	ALTERATION Type	Style	Strength	STRUCTURE Struct	COMMENTS
152								*CONTINUED FROM PREVIOUS PAGE
154			LTUF	AD	PT CL	WK		
156								
158								
160		SP						160.5 ANDS/CARB BRECCIA
162				MGT CB			BX CARB MATRIX	VERY POORLY SORTED INTRUSIVE-CARBONATE + JSPR BRECCIA, HIGHLY MAGNETIC
164		BX						ORANGE FLDSR-HB PHYRIC PORPHYRY LITHIC CLASTS, CLAST SUPP. PEPPERITE?
166			ANDS	HM MGT EP	PV PV VN	SPR		165.0 ANDS - PORPHYRY FELDSPAR-HB PHYRIC ORANGE INTRUSIVE PORPHYY
168								168.0 ANDS/CARB BRECCIA
170		BR		MGT CB			BX CARB MATRIX	CARB-PORPHYRY BRECCIA, MAGNETIC MINOR JSPR, PEPPERITE?
172			CARB	CHL	FOL	WK	MOD FOL	170.13 CARB BANDED MASSIVE CARBONATE OOIDS AT UPPER CONTACT
174		SP						175.55 ANDS-CARB BX
176								CARB - HB PORPHYRY BRECCIA MINOR JSPR FRAGMENTS & WK BEDDING
178				MGT			BX BEDD 60°? TO CA	
180								179.2 CARB
182			CARB				BN 50° TO CA	MASSIVE WHITE CARB BANDED/BEDDED
184								184.9 ANDS - CARB BX
186								LARGE PORPHYRY LITHIC CLASTS AT UPPER CONTACT GRADING TO SMALL FRAGMENTS AT BASE
188							BX	
190				MGT CHL	BN BN			CLAST SUPP. AT TOP, MATRIX SUPP. AT BASE
192								MINOR JSPR AND TRACE PYR BLEBS
194							UN @192m MGT-CARB-PYR	*BANDED FG MAGNETITE AT 192M WITH CARB + PYR
196								
198								198.3 CARB
200								

Henty Exploration Drill Hole Log

1:200

Project: HENTY EXPLORATION
Prospect: TYNDALL CREEK
Date: 11 SEP 07

Hole ID: Z16739
Page: 5 of 7
Logged By: A LINTNER

DEPTH	GRAPHIC (vfg fg mg cg)	LITHOLOGY Form	LITHOLOGY Rocktype	ALTERATION Type	ALTERATION Style	ALTERATION Strength	STRUCTURE cont lower Struct	COMMENTS
								Massive Cb, brecciated near upper contact with infill similar to that of above lith.
202								
204			CBXX				lr	203.5 Poorly sorted polymict breccia with Cb infill Zones of feldspar-phyric porphyry.
206								
208			CARB	O	Sy	3	lr	207.1 Banded Cb with zones of jasper-rich breccia & "clasts" of brd feldspar-phyric porphyry. to 15cm Jasper-rich near lower contact
210								
212								
214			QFPY	Cb	Pt	5	lr	213.3 Feldspar-phyric porphyry Frequent Cb veins perpendicular to C.A. Irregular common patches jasper-rich Cb.
216			CARB	O	Sy	3	lr	215.28 Massive brecciated and banded Cb. Mnr patchy feldspar-phyric porphyry. Mod-mnr hm along bands in in some bx clasts
218								
220								219.2m α=24° β=195 ← Cb banding/bedding
222								
224								
226								
228								
230			VCBX	Cb	Mt	7	Gr	228.9 Clast-supported polymict lithic breccia. Poorly-sorted
			CARB				lr	230.15 Cb matrix. Occ lger clasts Feldspar-phyric porphyry Hm-rich Cb, massive. Occ. jasper clasts. incr to 235.6m 235.6m - 16cm Feldspar/hbd porphyry, occurs along banding in Cb.
232								
234								
236								
			QFPY				BK	236.8 Feldspar-phyric hm alt
238			CARB	O	Sy	3	lr	237.85 Extensive Qtz/Cb/Chl veining Banded Cb. Patchy hm alt
			QFPY	Ab	Pt	3	lr	239
240			CARB	O	Sy	3	Sp 240.4m α=27° β=185°	240.3 Feldspar-phyric extensive Qtz/Cb/Chl veining. Cb banding, 1mm brecciated to lower contact. Banded Cb
242								
244			CBXX CBRB	O	Sy	3	Sp Sp	243.5 243.8 Volcaniclastic bx. Mixed lithic clasts, mnr py to 2mm Banded to massive Cb
246			QFPY	Ab	Pt	3	Gr	246.1 Extensive Qtz veins to 2.5cm Mnr Py blebs to 2mm
248			CARB	O	Sy	3	Sp	247.55 Banded Cb. Sy hm alt also.
250							Gr	249.35

280.6

Henty Exploration Drill Hole Log

BARRICK GOLD

Project: HENTY EXPLORATION
Prospect: TYNDALL CREEK
Date: 11 SEP 07

Hole ID: Z16739
Page: 6 of 7
Logged By: A LINTNER

DEPTH	GRAPHIC (vfg / fg / mg / cg)	LITHOLOGY Form	LITHOLOGY Rocktype	ALTERATION Type	ALTERATION Style	ALTERATION Strength	STRUCTURE Struct	COMMENTS
			CBXX	Cb	Mx	5		Polymict poorly sorted breccia, patchy
							Ir	251.05 massive Cb.
			CARB	O	Sy	3	Sp	251.65 Banded Cb
252			CBXX	Cb	Mx	5		Cb decr from top contact. Clasts to 2mm subangular
			CARB				Sp	252.6 8cm feldspar porphyry clast at lower contact
							Sp	252.9 Banded Cb, mnr Hm, angular clasts to 1.5mm similar to that in
			CBXX	Cb	Mx	7		Subrounded polymict clasts to 12mm, finer bx.
254							Sp	Majority ~ 1-2mm.
			CARB					254 Banded Cb, mod Hm, mnr bx in some bands
255.3							Sp	
256			CBXX	Cb	Mx	7		Polymict intermediate-mafic clast-supported breccia. Cb matrix. F-P. clasts.
			QFPY	Ab	Pt	5	Sp	257.1 Clasts ~ 3mm – 12mm
			CARB	O	Sy	1	Sp	257.4 Feldspar-phyric & Hbd interm-mafic Ab alt at lower contact.
258			QFPY				Sp	258.05 Banded Cb Patchy Hm alt.
			CARB	O	Py	5	Ir	258.3 Feldspar & Hbd-phyric Py bxd at lower contact.
			CBXX	Cb	Mx	5	Ir	258.8 Banded Cb incr. Chl
260							Sp	259.50 Polymict poorly sorted bx mnr FP clasts, ir-sh bx.
			CARB	Py	Pt	3		Massive-banded Cb. Py blabs to 17mm in mnr patchy massive chl.
							Ir	261.85
262			CBXX	Cb	Mx	7		Polymict breccia with mnr local grading above.
							Sp	3.5cm banded Cb at 262.1. 18cm QFP directly 263.2 below.
264			CARB	O	Sy	2		Banded Cb, mnr patches bx.
							Ir	264.5 Hm throughout
266			QFPY	Ab	Pt	5		Feldspar Hbd-phyric porph.
								Mnr patchy Cb bands & Ab alt near top contact.
							Bk	267.1
			CARB	O	Sy	3		Banded Cb ± Sy Chl & Hm.
268			QFPY				Bk	267.6 Feldspar-phyric porphyry
			QFHP				Ir	268m
			CARB	O	Sy	1	Bk	268.8 Hbd dom porphyry & feldspar phenos.
			QFPY	O	Py	3	Bk	269.3 Banded Cb mod Hm alt.
270			CARB	O	Sy	3	Ir	269.55 Feldspar phenos dom
								Banded Cb ± mnr-mod Hm along bands
			QFHP	O	Py	3	Bk	270.65 Cb
								Feldspar dom. porphyry.
272								Mnr Py veins, trace Cpy qtz vein at lower contact.
							Sp	272.75 Banded Cb
			CARB	O	Sy	1	Sp	273.15 Py Cb vein at lower contact.
			QFPY				Ir	273.6 Feldspar phenos dom
274			HRPY	O	Pt	5		& Feldspars, Hbd dom 10cm feldspar incr. phenos
							Sp	274.35 at lower contact.
			QFPY					Feldspar phenos dom. Trace Py
276							Bk	276.2
			CARB	O	Sy	1		Dom banded & patches gravel cg. irregular.
							Bk	277.4 mod Hm
278			QFPY					Feldspar phenos dom trace DS Py.
								277.7 - 250mm REGR & Py.
							Sp	279.35
280			CARB	O	Sy	1		Banded Cb & Chl & Hm
							Bk	280.9
			QFPY				Bk	281.15 Feldspar phenos dom.
282			CARB					Banded Cb & mod Hm.
284								
286								
							Gr	287.1
288			CBXX					Cb & Hm alt dom lith.
								Cb matrix
290								Mnr patches Feldspar-phyric porphyry
								" " banded Cb
292								
294								
296								
							Gr	297.5
			CARB				Sp	297.75 Banded Cb mnr Hm.
298			QFPY	Ab	Pt	7		Mnr feldspar phenos. Quite alt Hm, Ab, ± mnr Sy
							Gr	298.6 Chl & Cb.
300			VCCG	Ab	Pt	3		Lithic clasts to 16mm, subrounded-subangular

Henty Exploration Drill Hole Log

BARRICK GOLD

Project:
Prospect: Tyndall Creek
Date: 1/10/07

Hole ID: Z16739
Page: 7 of 7
Logged By: A LINTNER

DEPTH	GRAPHIC (vfg / fg / mg / cg)	LITHOLOGY Form	LITHOLOGY Rocktype	ALTERATION Type	ALTERATION Style	ALTERATION Strength	STRUCTURE Struct	COMMENTS
		LTG	VCCG	Ab	Pt	3		Patchy Cb alt also. Mnr interstitial Chl
302		LTG	QFPY	Cb	Sy	1	303.25 m Fol 3/210 ∝ 31°	301 Epidote alt feldspars. Patchy Hm alt.
304								
306		LTG	CARB	O	Pt?	3		306.05 Banded Cb ± Hm alt, mnr bands (g?) incr. to lower contact.
308								
310								
312		LTG	VCSS	O	Pt	3		311.15 Grey-green F.g. sst. Frequent Cb/Hm bands throughout. Patchy mnr DS Py.
		LTG	QFPY	Ab	Pt	3		315.3 315.5 Patches alt to massive epidote(?)/Cb.
316		LTG	VCCG					Some clasts alt to Hm also. Patchy Hm alt ± clasts alt to Hm also
318								
		LTG	QFPY	O	Pt	1		318.5 318.9 Massive epidote replaces most of Lith. Marcasite ± veining (Cb) at lower contact. Gunmetal grey, acicular mineral w a metallic lustre - hardness >5
320		LTG	VCCG					Foliated gravel conglomerate. Mod - strong Hm ± Cb.
322								Cb/marcasite(?) vein ± dusting of blue min at 319.9m.
		LTG	CGXX	O	Pt	3		322.9
324		LTG	VCCG	O	Pt	3		324 Epidote veins throughout to 5.8cm. ± Cb ± Chl. Foliated gravel conglomerate. Mod - strong Hm ± Cb. extensive veining replacing clasts & matrix
326								
328							327.3m Fol 2/B 176° ∝ 35°	
								330.3 EOH
332								
334								
336								

marcasite? chlorite?