

Depth	Lithology	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
Code	Colour	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
25		cy (1)	-	-	-	27-9, 0.05, 1.0, 5.0, 10.0, 15.0, 20.0, 25.0, 30.0, 35.0, 40.0, 45.0, 50.0, 55.0, 60.0, 65.0, 70.0, 75.0, 80.0, 85.0, 90.0, 95.0, 100.0	
30		cy (1) ser (1)	-	-	-		
35	VIAV gr gy.	cy (1) ser (1)	-	-	-		
40		cy (1) ser (1)	-	-	cb (1)		
45	VIAV gr gy.	cy (1) ser (1)	-	-	cb (1)		
50	VIAN gr gy.	ser (1)	-	-	qtz-ser (1)		

17.0 - 41.3 m.
Medium greenish grey to olive grey, massive to brecciated, f-med grained, weakly fsp phytic, andesite to andesite breccia.
Minor amygdaloidal / vesiculated intervals.
Weak clay alteration.
Rare db veining.
Breccia intervals comprise angular VIAN fragments (to 4cm), matrix supported in a clay/sericite matrix.

41.3 - 46.4 m.
Greenish grey, matrix supported andesite breccia. Comprises angular f-m grained andesite fragments (up to 10cm, typically 0.5-2cm) set in a clay/sericite matrix.
Minor db veining.
46.4 - 62.6 m.
Greenish grey, massive, fsp phytic andesite. fsp phenocrysts to 1mm. Fe-oxide staining on fractures.

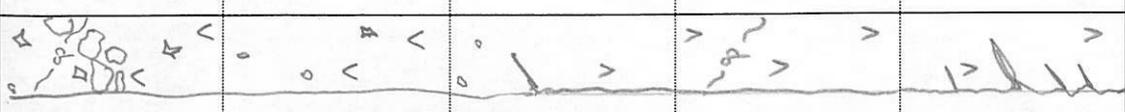
Hole ID	BOC4	Project	Boco Siding
Hole Type	DDH	Terment	No. EL4/2000
Year	2005	Prospect	Hollway
Geologist	Mick Skirka	Date	20/6/2005

Depth	Lithology	Comments	Alteration Up to 3 codes w. intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veinng	Faults	Graphic Log
50								
		46.4 - 62.6m.						
		Greenish grey, generally massive, 15g 7% hornblende phyric andesite. Sporadic amygdaloidal inclusions. Minor biotite inclusions. Weak Fe-oxide staining on fractures to 54.5m.	alb (1) Fe ox (1)			cb (1)		
55								
		Minor, irregular cb veining.						
		Weak sericite alteration, typically as schudge around veinlets & fractures.	ser (1)			cb (1)		
		Weak albite alteration ~ 53m.						
60								
		62.6 - 82.6m						
		Bluish grey massive, fine grained, vesiculated & amygdaloidal basalt to basaltic andesite. Irregular calcite filled amygdaloes (to 2cm). Minor db & qtz db veins & minor wispy sericite veinlets. Weak chlorite alteration assoc with veining. Minor basalt breccia interval @ 72.1 - 73.3m.						
65								
70								
75								

HQ.
62.7m.

NQ

63.2m.
Cb vein 4g
to 1cc



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Depth	Lithology	Colour	Comments	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
75				Up to 3 codes w/ intensities (1-3)	Up to 3 codes with %				
	VMBa	bluish grey	62.6-82.6m Bluish grey, massive to brecciated, fine grained vesicular & amygdaloidal basalt to basaltic andesite.	cl (1)	-	-	cl (1)		
80			Minor basaltic breccia interval @ 76.1-78.1m Minor cl & chl veins & vesicles						
	VBR	m grey pk grey	82.6-85.3m med grey to pink grey, andesite to basalt breccia Weak albite alteration & weak silicification of matrix. Matrix suggested.	alb (1) sl (1)	-	-	cl (1)		
85			85.3-89.0m Greenish grey massive, laminar, hyp phyric andesite? - Possibly diorite? Fog phreocytes generally < 0.5mm Minor cb veining & weak albite alteration from 88.0m.	alb (1) ser (1)	-	-	cb (1)		
90			89.0-97.6m Reddish orange, massive, hyp phyric dacite - andesite. Minor to common calcite filled amygdaloids. Moderate albite alteration Minor irregular qtz veining & qtz-db veining Weak sericite alteration	alb (2) ser (1)	-	-	qtz (1) qtz-cl (1)		
95	VDA / VIAm	reddish orange	Broken base contact.						
100	VDBX VNBX		97.6-100.2m Greenish grey, brecciated, hyp phyric dacite - andesite breccia, irregular hyp phyric volcanic fragments in crystal rich matrix.	alb (1)	-	-	-		

Sample

Broken core

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Year	2005	Prospect	Hollway
Geologist	Mick Skirka	Date	25/6/2005

Depth	Lithology	Colour	Comments	Alteration Up to 3 codes w. intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veining	Faults	Graphic Log
100			100.2-170.0 m.						
105				-	-		db (1)		
110				-	-		db (1)		
115	bluish grey to greenish grey VMBR to greenish grey. VREX		Bluish grey to greenish grey, jagged, irregular amphiboloid / vesiculated basalt to basaltic andesite lenses / breccia. Comprises irregular volcanic clasts (to 50 cm) with the breccia lenses comprising smaller volcanic clasts (< 2cm) with calcic in-fill. Volcanic 'clasts' variably amphiboloid with ill spectral and irregular calcic filled amygdala. Sporelike weak alteration comprising minor bleaching & rare, weak alkalic alteration.	dl (1)	-		db (1)		
120				-	-		dl (1)		
125				-	-		dl (1)		

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Depth	Lithology	Colour	Comments	Alteration Up to 3 codes w/ intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veining	Faults	Graphic Log
125			100-2-110.0m						
130							cb(1)		
135			As above. Dark grey to greenish grey, massive to brecciated, Pg basalt to basaltic andesite to basaltic breccia. Generally Pg with sporadic strongly amygdaloidal inclusions. Amygdaloids spheroidal to irregular calcite. Altered. Minor irregular ch & grey ch veins. Rare trace disse pyrite. Alteration comprises weak bleaching.		tr py.		cb(1)		
140	VMBN greenish grey						cb(1)		
145							cb(1)		
150							cb(1)		

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Depth	Lithology	Code	Colour	Comments	Alteration Up to 3 codes w. intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veinling	Faults	Graphic Log
150				100.2 - 170.0m						
155										
160	VBEX yellowish grey		bluish grey	Similar to above but with higher proportion of breccia intervals. Bluish grey to yellowish grey, fine grained, variably vesiculated / amygdaloidal basaltic breccia. Composed of breccia vesiculated basaltic fragments in a darker, D-g matrix. Fragments to 15cm.						
165										
170										
175	VBEX grey H 84		gn 84 H 84	170.0 - 176.5m Bluish grey to greenish grey, hydroclastic matrix breccia composed of angular to subangular fragments (1mm - 25cm) of D-g basalt, amygdaloidal basalt & bleached volcanics in a D-g ch-ser matrix. Dissected Air fracture.	ch (1) ser (1)			ch (1)		

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Hole Type	DDH	Tenement No.	EL4/2000
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Depth	Lithology	Comments	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
175	Code Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
	VMBx gn gy	170.0 - 176.5m. As above Basaltic-andesitic hydroclastic.	cb (1) ser (1)	-		cb (2) large cb veins from 176m		
	VMBx bl gy	176.5 - 178.4. Bush grey, massive, amygdaloidal basalt. Amygdaloides (As 1cm) calcite filled. Also small (mm) rounded blk vesicles?	-	-		cb (1)		
	CEMF gn gy	178.4 - 178.8. Tooth rock, volcanoclastic matrix. Small white clasts?		tr py ~ 1%				
		179.5 - 186.2m Med gy - gn gy - reddish orange, massive, amygdaloidal andesite. Weak - moderate alkali-saline alteration. Calcite filled amygdaloides. Minor to veining.	cl (2) ser (1)			cb (1)		
185	V1AN red orange	Sharp layer contact.						
	CEMF gn gy	186.2 - 188.4m. Medium grey massive, medium-v.c. green, polytill ultravolcanic mass flow. Subangular to subrounded clasts of siliceous volcanics. Minor to veining. Trace diss pyrite. Poorly sorted.	ser (1)	tr py.		cb (1)		
190	V1AN gn gy	188.9 - 191.4m Greenish grey, massive, tr pyrite, amygdaloidal andesite. Minor to veining. Minor py discrete sph.	-	tr sph.				
	VMBx gn gy	191.4 - 197.4m. Greenish grey, tr pyrite, andesitic breccia / pseudobreccia. Subangular andesite 'clasts' in a v.f. g. cl-ser-py altered matrix. Minor to veining.	cb (1) ser (1)	Minor py: 2% tr sph:		cb (1)		
	VMBx ph gy bl gy	197.4 - 224.7. Pinkish grey to olive grey, massive, hornblende pyritic basaltic andesite. Weak alkali & chlorite alteration. Trace py. Common to veining.	cl (1)	tr py.		cb (2)		
200	VMBx							

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Depth	Lithology	Comments	Alteration Up to 3 codes w. intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veinling	Faults	Graphic Log
200								
	pkgy	197.4-224.7m: Pinkish grey to greenish grey, massive, lg basaltic andesite. Weak albite alteration. Sporadic mafic phenocrysts (to 1mm), typically chlorite altered. Sporadic, minor oxydized vesicles. Minor cb veining	alb (1) ch (1) ser (1)			cb (1)		
205		Minor l. gn qtz-sericite 'bands' (10cm), @ 204.8m, 206.5m, & 220.3m.						
210	V1AN vmba	Greenish grey from ~ 207m.	chl (1) ser (1)			qlz-ser (1) chl (1)		
215			chl (1) ser (1)			cb (1)		
220			chl (1) ser (1)			qlz-ser (1) cb (1)		
225			chl (1) ser (1)			cb (1)		

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Depth	Lithology	Colour	Comments	Alteration	Mineralisation	Structure	Veinng	Faults	Graphic Log
225			224.7 - 237.5m.	Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
230			Greenish grey, massive, fsp +/- hornblende pyrite and/or arsenic. Fsp & hornblende phenocrysts (to 1mm) Sporadic calcite filled amygdals. Minor cb veining.	alb (1) cl (1)	-		cb (1)		
235			Weak albite alteration, mainly fsp phenocrysts. Moderate phenocrysts (hornblende?) also altered. Minor sericite 'bands', similar to above (1 gr) @ 299.9m & 237.1m.	alb (1) chl (1)	-	23.0m. D. Vein. 68° A. ca.	cb (1)		
240			237.5 - 247.8m. Greenish grey, massive to brecciated, amygdaloidal andesite & andesite breccia. Large calcite filled amygdals (to 3cm) in central part of interval. Trace minor sph/gc as small blebs & disseminations assoc. with cb veins & veins. Weak sericite & double alteration.	ser (1) chl (1)	sph/gc : trace.		cb (1)		
245			Crustal and lower crustal.						
250			249.3 - 277.1m Greenish grey, amygdaloidal andesite breccia. Weak-broadly ser alteration in matrix. Minor irregular cb veins.	ser (1)			cb (1)		

Hole ID	BOC4	Project	Boco Siding
Hole Type	DDH	Tenement No.	EL4/2000
Year	2005	Prospect	Holloway
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Depth	Lithology	Colour	Comments	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
325			320.3 - 327.8m Light greenish grey, massive, fsp phric chlorite. Fsp phric generally has weak sericite alteration & weak silicification. Trace-miner. sph/gn associated with qtz veins & dr veins.	Up to 3 codes w. intensities (1-3)	qz/gn ~10%	328.0m qtz-silicified w- 15° l.c.a.	cb (1) qtz-cl (1)		
330			327.3m qtz / dr veins / fsp phric.	Ser (1) sil (1) Ser (1)	ph/gn ~10%		cb (1) qtz-cl (1)	330.8, 0.0-0.2 gang, fsp dr, qtz	
335			327.3m VEFH Fsp phric VEFH. collimon sph. qtz sph-gn-cl matrix.	Ser (1)	tr py.		qtz (1)		
340			327.3m VEFH collimon sph. qtz sph-gn-cl matrix.	Ser (1)	tr py.		qtz (1)		
345			327.3m Re-crystall VEFH with qtz-cl-sph-gn veins @ 330.1-330.6m	Ser (1)	tr py.	342.5m qtz-cl vein 70° to l.c.a.	qtz-cl (1)		
350				Ser (1)	tr py Rome tr gn/sp		qtz-cl (1)		

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Hole_Type	DDH	Tenement No.	EL4/2000
Year	2005	Prospect	Holloway
Geologist	Mick Skirka	Date	5/17/2005

Depth	Lithology	Comments	Alteration Up to 3 codes w/ intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veinling	Faults	Graphic Log
350		348.3m - 357.8m.						
		Light greenish grey massive, fsg pyritic chrysolite. Fsg perovskite (1-2m). Weak silice alteration. Minor irregular qtz d veins d veins d veins	ser (1)	Rare trace pyrite	-	qtz (1) qtz-d (1)		
355		357.8 - 361.7m Light greenish grey to yellowish grey massive, fsg pyritic chrysolite. Fsg perovskite (~1m) albite altered Minor silice alteration Minor barros qtz veins. Rare trace galena.	ser (1)			qtz (1)		
360		361.7 - 436.8m. Dusky red d reddish orange, massive, fsg pyritic, dark (2) Gradational upper contact. Sporadic Zones d moderate-streng albite alteration. Weak siliceation. Minor irregular cl veins d veins	alb (2)	-		cl (1)		
370		436.8 - 437.0m. Dusky red reddish orange	alb (2)	-		cl (1)		
375		Minor qtz-ser veins.	alb (2)	-		qtz-ser (1) cl (1)		

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Hole Type	DDH	Tenement No.	EL4/2000
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Geologist	Mick Skirka	Date	5/7/2005

Depth	Lithology	Colour	Comments	Alteration Up to 3 codes w. intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veinings	Faults	Graphic Log
375			361.7 - 426.8m	alb (2)	-		qtz-d (1) qtz-sr-d (1)		
380			Dusky red to reddish orange, massive, fine phytic kaolite. Similar to above. Spargite zones of moderate-strong albite alteration. Albite alteration also as stringer to qtz-d veining. Minor qtz-d veining, qtz-sr-d veining & cb veins. Whole Rock Sample 382.1 - 382.5m	alb (2)	-		cb (1) qtz-d (1)		
395			Increased qtz-d veining in zones of strong albite alteration. eg. 290-400m.	alb (2)		391.5m qtz-d vein 75° to 110°	qtz-d (1)		
395			Dusky red VFDA reddish orange	alb (2)			qtz-d (1)		
400				alb (2)			qtz-d (1)		

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Hole Type	DDH	Tenement No.	EL4/2000
Year	2005	Prospect	Hollway
Geologist	Mick Skirka	Date	7/7/2005

Depth	Lithology	Comments	Alteration Up to 3 codes w. intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Vein g	Faults	Graphic Log
400		361.7 - 436.8 m						
		As above.						
405		Dusky red to reddish orange, massive, fsp phisic darker. Sporadic zones of moderate to strong albite alteration. Minor dk & qtz-ds veins & small veinlets	al (1)	-		al (1)		
		Fsp phenocrysts 1-2 mm.						
		Albite alteration decreasing downward.	al (1)	-		qtz-d (1)		
410		Oliver grey & weakly silicified 411-413 m, 416.5-418.5 m.						
	VFDR Dusky red - reddish Orange.		al (1)	-		qtz-d (1)		
415		3 cm cb vein @ 416.5 m.						
		Generally competent core. 3-5 k.p.m.	al (1)	-		al (2) qtz-d (1)		
420								
425			al (1)	-		qtz-d (1)		

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Geologist	Mick Skirka	Date	5/7/2005

Depth	Lithology	Comments	Alteration Up to 3 codes w. Intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veining	Faults	Graphic Log
425		261.7 - 436.8m. Dusky red, massive, Peg phytic dacite. Similar to above. weak albite alteration.	qlt (1)	-		qlt-d (1)		
430	VFDA Dusky red Olive grey	From horizon, olive grey, weakly chloritized Peg phytic dacite. Minor py-act veining & qtz-act veining.	sl (1)	-		qlt-act (1)		
435		Sharp lower contact.			436.8m. Cl. 1 420 - 1 ca.			
440	CFER gr-ol y gr red-orange	436.8 - 440.5m. Greenish grey, yellowish grey & reddish orange, massive to weakly tabular, felsic, volcaniclastic pyritic breccia. Moderate sericite alteration & weak-moderate albite alteration. Generally matrix supported. Greenstone lower contact.	ser (2) -ll (1)	-		db (1)		
445	VFAH gr-ol VFBR y gr.	440.5 - 445.4. Greenish grey, pinkish grey & yellowish grey, massive to weakly blow-banded, fine-grained to coarse volcanic breccia. Weak silicification & weak-moderate albite &/or sericite alteration.	dl (1) ser (1) sl (1)	-		dl (1)		
450	CFBA CFSA gr sl	445.4 - 454.8m. Greenish grey, generally massive, granular, felsic volcaniclastic pyritic breccia to volcaniclastic sand. Moderate - strong sericite alteration. Fsp phytic.	ser (2)	-		-		

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Depth	Lithology	Comments	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
475	Code Colour		Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
480	VFX gr sl	480-485.2m As above. Pinkish grey to light greenish grey, massive to weakly layered, fine-grained, siliceous, basic volcanic rock. Moderate silicification & weak-moderate sericite alteration.	Sil (2) Ser (1)	-		qtz (1) qtz-d (1)		
485	VFX gr sl	Minor qtz veins & qtz-d veins & vishly Minor chlorite assoc. with larger qtz-d veins (ie: 481.0m)	Sil (2) Ser (1)	-		qtz (1) qtz-d (1)		
485	VFX gr sl	485.2-486.8m: Dark greenish grey, massive, hyp phytic, amygdaloidal and/or fibrous. High volatile content. Slight irregular conchoid. 486.8m-487.1m Pinkish grey to light greenish grey, massive, siliceous, fine grained, basic volcanic rock. Moderate silicification & weak-moderate sericite alteration.	Sil (1) Ser (1)	-	CT 230 TL 1.0			
490	VFX gr sl	Minor qtz veins & vishly. Trace - minor bubbly qtz & sparse assoc. with qtz veins 493-495m. Trace qtz as clustered discontinuous.	Sil (1) Ser (1)	qtz go < 1%		qtz (1) qtz-d (1)		
495	VFX gr sl	Minor qtz veins & vishly. Trace - minor bubbly qtz & sparse assoc. with qtz veins 493-495m. Trace qtz as clustered discontinuous.	Sil (1) Ser (1)	qtz go < 1%		qtz (1) qtz-d (1)		
500	VFX gr sl	497.1m - 501.5m Greenish grey, massive med-v. cgr, volcanoclastic clst to basic pyrite breccia. Moderate sericite alteration & weak-moderate alkalic alteration. Hyp phytic.	Ser (2) Sil (1) Ser (1)	-		qtz (1) qtz-d (1)		

Hole ID	BOC4	Project	Boco Siding
Hole Type	DDH	Tenement No.	EI 4/2000
Year	2005	Prospect	Hollway
Geologist	Mick Shirka	Date	1/7/2005

Depth	Lithology	Comments	Alteration Up to 3 codes w. intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veining	Faults	Graphic Log
500	CF5A / CF5B gn gyl	44m-501.5m: As above. Greenish grey, massive feldic porphy breccia / Agp porphy volcaniclastic Soils - 519.4m	Ser (1) al (1)	-	Soils - CF: 30° to 1.c.a.	qtz (1) qtz-d (1)		
505	pk gyl	Pinkish grey, massive fsp porphy, feldic volcanic rock. Moderate albite alteration of weak - moderate sericite alteration. Sporadic trace also pyrite. Minor disc of qtz-d veining	al (2) Ser (1)	tr py		qtz (1) d (1)		
510	pk gyl	Albite alteration decreasing from 506m.	al (2) Ser (1)	-		qtz-d (1) d (1)		
515	VFXX gn gyl	From ~ 510m, greenish grey, fsp porphy, siliceous, feldic volcanic rock. Trace sph-gn-cpy @ 511.0m Minor db & qtz-d veining.	sil (1) Ser (1)	sph/gn/cpy : trace. py: trace.		db (1) qtz-d (1)		
515		Moderate - strong silicification from 511.8m.						
515		Trace Ag disc. pyrite.	sil (2)	-		pr db (1) qtz-d (1)		
520		519.4 - 529.4						
525	CF5A pk gyl	Greenish grey to pinkish grey, massive, feldic porphy breccia. Comprises subangular to angular, sericite-chlorite altered feldic volcanic & porphyritic fragments in a sericite-carbonate altered matrix. Minor db veining. Weak albite alteration.	Ser (2) db (1) al (1) al (1)	-		db (1)		

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Geologist	Mick Skirka	Date	21/7/2005

Depth	Lithology	Comments	Alteration Up to 3 codes w. Intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Vein(s)	Faults	Graphic Log
S25	CFBR gr 51 - v gr.	S24.4 - S24.4m. Greenish grey to yellowish grey, massive to weakly foliated, fsp phytic volcaniclastic sandstone to felsic phytic breccia. As above but less brecciated. Moderate ser + chl alteration. Weak albite alteration.	Ser (2) chl (1) alb (1)	-	S24.5m. DD: S2° to 1c.a.	cb (1)		
S30		S29.4 - S41.3m. Pinkish grey to light grey, weakly banded to massive, sericite-albite altered, replace to hydrothermal breccia. Flow banded near top contact. Weak silicification. Weak to moderate albite & sericite alteration. Minor grt & quartz veining. Trace galena & sphalerite. Casser. with quartz veins @ S34.1m. Becoming fsp phytic (replaced by grt) from S37m.	alb (1) Ser (1) sil (1)	tr gr / sph.		grt (1) grt-ch (1)		
S40			sl (1) ser (1)			grt-ch (1)		
S45	CFBR yell green - greenish grey	S41.3 - S45.7 Yellowish grey to greenish grey, massive to weakly banded, fsp phytic volcanoclastic silt to felsic phytic breccia. Moderate to strong ser-grt alteration & weak albite alteration. Trace bit py. Minor quartz veining. Sharp lower contact.	Ser (2) sil (1)	tr py.		grt-ch (1)		
S50	MAN greenish grey.	S45.7 - 603.8 Greenish grey, massive, granofelsic. Fine grained and silty to basaltic and silty. Weak to moderate sericite alteration top 2m. Weak chlorite alteration in fractures. Broken core S46-S48. Minor ch veining.	Ser (2) chl (1)	S45.7m. Gr. 12° to 1c.a.	cb (1)			

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Geologist	Mick Skirka	Date	27/1/2005

Depth	Lithology	Comments	Alteration Up to 3 codes w. intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veining	Faults	Graphic Log
555		5457-6038. As above. Greenish grey, generally fine grained, massive andesite to basaltic andesite. Amphiboloid to S54 m (6:1:11). Fsg pyrite from ~ 554 - 560 m.	dl1 (1)	Trace pyrite		dl1 (1)		∧ ∧ -ds-
		Trace pl asse with cl veins. Weak albite alteration, particularly on fractures. Trace kerolite (?) on fractures.	dl1 (1)	-		dl1 (1)		∧ ∧
560		Sporadic coarse grained (to 3m), euhedral pyrite Kersantite (Fe): 561.1m.		Trace pyrite.				∧ -ds-
		Larger irregular cl veins 561-563 m.				dl2 (2)		∧ ∧ -ds-
565	VAN greenish grey.	Weak albite alteration around cl-dl veins.	dl1 (1) alb (1)					∧ ∧ -ds-
		Majority of cl veins > 75° to 1.e.n.	dl1 (1) all (1)	-		dl1 (1)		∧ ∧ -ds-
570					566.0 m Cl veins 80° to 1.e.n.			∧ ∧ -ds-
575		Trace galena asso. with d-ser. vein @ 574.8 m.	dl1 (1) alb (1)	Trace galena		dl1 (1)		∧ ∧ -ds-

Hole ID	BOC4	Project	Boco Siding
Hole Type	DDH	Tenement No.	EL4/2000
Year	2005	Prospect	Holloway
Geologist	Wick Skirka	Date	21/7/2005

Depth	Lithology	Comments	Alteration	Mineralisation	Structure	Veinng	Faults	Graphic Log
600	VNN greenish green	Sus 7 - 603.8m. As above. Crustal gels, massive, generally fine grained anhydritoid matrix to basaltic matrix.	Up to 3 codes w. Intensities (1-3)	Up to 3 codes with %				
605	CEBR red-orange to gr gr	Sharp irregular conchals: 603.8 - 604.7m Reddish orange & general grey, poorly sorted, clast supported Polymineral breccia. (Empires subangular clasts (to 3 cm) of reddish, altered basaltic volcanics, gr gr basaltic volcanics & dk gr matrix volcanics in a ch-ser altered matrix. Minor ch ser. from 608.2, moderate silicification has all but obliterated ls texture.	alb (2) db (1) svr (1) sil (2)	-		db (1)		
610	VNBA dk gr	608.7 - 611.6m. Dark grey, highly vesicular basalt (?) dyke (?) contains small 30cm matrix of greenie as above. Sharp conchals with fine drilled matrix. Chloride altered.	chl (1)	+	608.7 - 611.6m D: 5° to 1cm			
615		611.6 - 652.2m. Dusky red to reddish orange, generally massive, log 1/2 grz phytic. Pelitic volcanic (Dacite?). Flow banded at top of interval. Moderate alkali - chlorite alteration.	alb (1) chl (1)	+	611.6m D: 40° to 1cm	chl (1)		
620	VFDA Dusky red reddish orange	Sporadic br intervals with dr. ill. or br veins. Minor cl veins & veinlets. Trace diss py assoc with cl veins.	alb (1) chl (1)	care hr py. care hrve py.		db (1)		
625			alb (1) chl (1)	care hrve py.		db (1)		

Hole ID	BOC4	Project	Boco Sliding
Hole Type	DDH	Tenement No.	EL4/2000
Year	2005	Prospect	Holloway
Geologist	Mick Skirka	Date	28/7/2005

Depth	Lithology	Comments	Alteration Up to 3 codes w. intensities (1-3)	Mineralisation Up to 3 codes with %	Structure	Veining	Faults	Graphic Log
625								
630	VFDK reddish orange	611.6 - 630.2m. Reddish orange, massive, fine pyrite. Basic volcanic. Moderate - strong alteration - Ksp or Ksp + Hsp alteration. Weak silicification & albite alteration. Minor qtz & felds veins + veins.	alb (1) cl (1) sil (1)	-	-	qtz (1) qtz-cl (1)		
635	VFBK reddish orange	630.2 - 637.2m. Reddish orange to yellowish grey, variably altered, basic volcanic breccia (or breccia vein?) Moderate sericite - chlorite - albite alteration & silicification. Minor qtz & feldspar veins. Sharp irregular lower contact.	alb (1) sil (2) ser (1) cl (1)	-	-	qtz (1) qtz-cl (1)		
640	VMSB pk gn.	637.2 - 638.2m. Bluish grey, massive to weakly bluish, siliceous sericite-altered basic rock. 638.2 - 639.2m. Bluish grey, massive, fine pyrite. Basic volcanic. 639.2 - 640.2m. Reddish orange, massive, fine pyrite. Basic volcanic. 640.2 - 640.5m. Basic dyke as above.	dk (1) alb (1) sil (1) cl (1)	-	-	qtz (1) cl (1)		
645	VMSX yell grey.	640.5 - 641.8m. Pinkish grey, massive to weakly bluish, siliceous sericite-altered basic rock. 641.8 - 645.8m. Yellowish grey, massive, strongly altered mafic (?) rock. Breccia ground. Blended appearance with ser. cl. albite alteration minor galena conc. all cl veins. Brecciated lower contact.	alb (1) ser (1) cl (1) sil (1)	qtz: ~1%	-	cl (1)		
650	VMSB bl gn gr gn	645.8 - 657.0m. Bluish grey - greenish grey, massive, generally fine grained, amphibole - basalt and/or to dyke. Minor cl & ds-ser. (epidote?) veins. Breccia in fractures.	cl (1)	-	-	ds (1)		

Hole ID	BOC4	Project	Boco Sliding
Hole Type	DDH	Tenement No.	EL4/2000
Year	2005	Prospect	Holloway
Geologist	Wick Skirka	Date	26/7/2005

Depth	Lithology	Code	Colour	Comments	Alteration	Mineralisation	Structure	Veinng	Faults	Graphic Log
650				645.8 - 667.0m. As above. Bluish grey to greenish grey, fine grained, massive, basalt / andesite dyke. Weak chlorite alteration. Broken 651.4 - 654m. Minor ch veining.	Up to 3 codes w. Intensities (1-3)	Up to 3 codes with %				
655					cl(1)	tr M.		cl(1)		
660				Sporadic trace sph / quartz essor with ch veining. Trace py on breccias. Minor hornblende (?) on breccias.	cl(1)	tr sph/ga. tr M.		cl(1)		
665					cl(1)			cl(1) d-ser (1)		
670					cl(1)			cl(1) d-ser (1)	Small fault	
675					cl(1)			cl(1)		

Hole ID	BOC4	Project	Boco Sliding
Hole Type	DDH	Tenement No.	EL4/2000
Year	2005	Prospect	Holloway
Geologist	Mick Skirka	Date	20/7/2005

Depth	Lithology	Code	Colour	Comments	Alteration	Mineralisation	Structure	Veining	Faults	Graphic Log
					Up to 3 codes w. intensities (1-3)	Up to 3 codes with %				
675				645.8 - 687.0 m.						
				As above. Bluish grey to greenish grey, massive, fine grained, basalt / andesite type. Weak chlorite alteration.	dl (1)	-	-	dl (1)		
680				Minor d (1- bluish) veins. chlorite alk. or fractures.	dl (1)	-	-	dl (1)		
685				Weak albite alteration from 686 m.	dl (1)	-	-			
				687.0 - 689.0 m. Cemented grey massive Resegite phine dahlite? Similar to above but with glaucophane. Altered felsic rock (?)	dl (1)	-	-	dl (1)		
690				EOH @ 689.0 m						