Aberfoyle Resources Limited
EXPLORATION DIVISION

DIAMOND DRILL LOG

PROJECT : LAKE MARGARET

PROSPECT: RED HILLS

952240

HOLE NO: RH 19
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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
0.0			Qgt	Tricone precollar in surficial glacial till cover. Minor recovery of fractured glacial till fragments from 5.3 - 5.5m. Dominately fragments of oxide conglomerate and sandstone.	–	–	–	–			Hw tricone 0.0-5.3m. Euhedral clear xline qtz phenocrysts upto 4mm. HQ coring 5.3m →	
5.5m			gygn QFP Por: wk z-3	A somewhat weathered/leached interval of gygnish QFP Por?, in places gy Se flecks after Fd?. Former F.g. glassy or xline mtx highly weathered to Se. Possibly intrusive Porphyry or Rhyolithe lave.	Odd mar fleck of Fe stain after haematite?						Core somewhat fractured, possibly drill induced, but also some fracture planes lined with Se developed at 0-15° to CA and at 55 & 75° to CA. Euhedral clear xline quartz phenocrysts upto 4mm.	
15.7m			Cr bgy QFP Por?	A haematite stained interval of QFP Por? In places mar flecks of Se possibly after Fd?							Fe stain after Hmt forms an irregular vein like network throughout.	
16.5m			gywhgn QFP Por? / R.I?	A somewhat weathered/leached interval of massive QFP Por? / R.I. In places flecks of Se after Fd? Minor patches of Fe stain after patches & veinlets of Hmt.		Mar wk Qtz vn (1-2mm) developed from 19.6-19.7m & @ 22.0 - 22.1m. At 21.1m 5-10mm wk Qtz vn @ 20° to CA.		Joints -16.9m @ 30° to CA -17.2m @ 15° to CA -17.3m @ 35° to CA -17.7m @ 40° to CA -18.4 @ 35° to CA -19.0 @ 35° to CA -20.4 @ 20° to CA -21.0 @ 65° to CA -21.3 @ 60° to CA -21.4 @ 60° to CA -24.8 @ 30° to CA			Fracturing commonly drill induced, with some jointing.	

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
15.7m			gygryl QffPor?	A somewhat faulted & brec. weathered/leached gygryl QffPor?/R.I. In places Se flecks after Fd. mtx somewhat Sericitised. In places much of the mtx is highly leached along frac.				A possible Faulted interval.			At 25.7m frac plain @ 10° to CA & @ 26.7m frac plain @ 20° to CA. Elsewhere core highly brkn & frac & substantial leaching & dissolution.	
26.7m			gygr QffPor? -crbr (26.7–44.4m)	A more massive & competent interval of gygr QffPor?/R.I. Q phenocrysts enhanced ≤5mm. Mar Se patches after Fd? In places Fe stained by flecks patches & irregular Hmt veinlets		At 41.3m mr wh a vn (1–4mm) @ 90° to CA.		Some jointing @ 50–70° to CA. & 25, 30, 35 040° to CA.			At 29.2m a semblance of banding @ 15° to CA. possibly a response to Hmt & Se rich bands. Mar frac. developed @ 0–5° to CA from 37.1–38.8m. Also some irregular fracturing is drill induced.	
90												
45												

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
49.4			ggyr/qfp Por? (49.4-51.5)	A slightly more altered ofrac. interval ggyr/or qfp Por?/ R.1? In places mtx moderately sericitised, with sericite/clay pug lining several fractures.	Se. patchy massive moderately alterating mtx. Generally less sericitised towards the base of the interval.						Degree of Fe stain after Hmt patches & veinlets. Much of the fracturing drill induced, but several intersecting jt sets evident. Core increasingly broken downhole.	
51.5			ggqnbor qfp Por?	A mildly sericitised & Hmt stained ggqnbor qfp Por/R1? C euhedral 1-4mm @ phenocrysts	Mild sericitisation of the mtx, in places after fd also. Minor banding & patches of cr bar Fe stain after Hmt?			Frac 5° to CA Pyrited. Joint set 13-15° to CA & N set @ 50-60° to CA.			Minor frac lined by sericite & Fe stained in places. @ 7, 10, 15 & 80° to CA.	
56.9			whor brgy qfp Por?	A highly leached & weathered interval of QFP Por/R.1? Spotting & irregular veinlets & frac. linings of Fe. Some degree of sericitisation of mtx (Se.1.2 por) & some Se after Fd?	Fe stn becomes more pervasive downhole. Some per sericitisation of mtx.						The interval is moderately jointed & jt to @ 10, 25, 40, 60 & 70°	
62.9			ggylor qfp Por?	A ggylor qfp Por/R.1 Sap 3. an interval & highly sericitised mtx, some Fe stn off frac. & cus spots. Interval mildly shd.				Mild cleavage @ 10° to CA. Joints @ 25 & 50° to CA.				
64.1												

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
		05	whggybr QFP por?	An interval of mildly leached whggybr QFP por?/R.I.? in places mildly shd @ 10-15° to CA.	Some sericitisation. ± leaching of mtx			Some jointing @ 0, 25, 70 & 80° to CA. Shearing @ 10-15° to CA.			From 66.3 - 67.3m an interval of highly frac. & broken & puggy porphyry. Possibly Fault related. Possibly some core loss assoc. ± Flt interval. Possibly sheared or Flted @ 10° to CA.	
77.6 - 79.9			ppr whggyr QFP Por.	An interval of mildly leached and Hmt stained crpp-whggyr QFP Por /R.I.?, Qp generally euhedral. (1-3mm) (Fd generally sericitised). Progressively less Hmt fab downhole generally more leached. ± odd larger 2-5mm subrnd Qp appearing.	Some sericitisation assoc ± leached nature of mtx. Some banding & pper colouration possibly assoc ± Hmt			the Hmt bands define fol^n @ 10-15° to CA.			Mnr frac. @ 30° to CA lined ± Se.	
79.4 - 83.5			whggyr-ppr QFP Por?	A generally more leached interval of whggyr-crpp QFP Por /R.I.?, mnr Hmt bands. (Fd are sericitised) Qp 1-3mm euhedral - subrounded. Interval more broken & leached than preceding interval.	Some sericitisation of mtx assoc. ± leached, with? appearance.			Hmt bands → possible fol^n 20-27° to CA.			Core somewhat frac. dominately drill induced ± @ 10, 25, 40° to CA. In places drilling has reduced core to a no. of fragments.	
83.5 - 84.05			whggyr QFP Por?	A highly leached interval of whggyr QFP Por/R.I.? Core highly broken, dominately drill induced (Fd sericitised) (phenocrysts 1-3mm)	Core highly leached appearance, mtx altered to sericite.			A semblance of fol^n @ 20° to CA.			Core highly broken by failure along phyllosilicate planes during drilling, ± fracturing @ 10 - 40° to CA.	

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84.0	05		wh gygr-pper qfp Por?	A highly sericitised & Hmt stained wh gygr-crpp qfp Por? (Fd - sericitised) Qp (1-5mm) euhedral-subrounded.	Highly sericitised mtx, ± intense patches cr, pp Hmt.			Hmt bands ⇒ fol^n @ 20° to CA				
85.5	55		wh gygr qfp Por?	A massive mildly sericitised wh gygr Qfp Por /Rl? Qp (1-3mm) euhedral occasionally subrounded.	mildly sericitised mtx, Fd, phenocrysts sericitised. Odd Hmt pat. Sericitisation increases downhole.			Some drill induced frac. @ 40°, 20° + sub ll to CA.			86.6m reduce from HQ to NQ. Core more highly broken. + frac following reduction to NQ.	
87.75			gn wh gy qfp Por?	A mildly leached & with gn wh gy qfp Por? (Qp (1-5mm) euhedral & subrounded in places. (Fd sericitised)	Some sericitisation of mtx, mild Se bands developed. Some orbr Fe stn.	Some mnr Q veinlets sub ll to inferred fol^n @ 25° to CA.		Possible fol^n @ 25° to CA defined by Se bands.			At 90.5m a fracture cavity ± some cusson. dissolution.	
91.1 - 92.7m			wh gn-br qfp Por?	A mildly leached & sericitised wh gn-br qfp Por? (Qp 1-4mm, Fd 1-3mm (plagioclase?)) In places resistant felsic patches, possibly represent less altered rock. An anastomosing network (<1mm) of or-br Fe stained veinlets or cleavage infills wrapping phenocrysts	In places mtx more sericitised				Stn Fe-or br veinlets or cleavage seams @ 10 & 25° to CA.				

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
92.7 - 98.4			grgy QFP Por?	A more massive grgy QFP Por/RI? (Fl - sericitised) (Qp 1-5mm) In places more felsic. wh pkbr zones of massive mottled Por.	In places mildly sericitised mtx.	V. minor whQ veinlets @ 25° to CA.		Fol^ defined by wispy Fe stn veinlets @ 25° to CA.			Minor Fe stn surfaces & minor wispy veinlets. ch lgrd along cleavage. At 97.8m mar dissolution cavity. & amar Py @ high & to CA. Core orientation @ 100.7m: Se fol^ @ 20° to CA. At 100.7m R.L.D. = 255 So = 25° => 68° -> 340°	
98.4 - 100.95			grgy/br Qp Por?	A massive grgy/brwn Qp Por? Qp (1-4mm) euhedral - subrounded. Core becomes more pkbr downhole.	Mar Hmt pat. Mgar grnh Se pat	In places wh Q vns cross cut CA @ 50 & 67° to CA & some assoc blebs. Some felsic patchess assoc. & wh Q vns.						
100.95 - 102.0m			Fault.	A wh Q veined interval sealing a Fault. from 100.95 - 101.1m pkbr Qfp Por intense wh Qvns. 101.1 - 101.2m wh/grgn Sericitised Qfp. 101.2 - 102m dominately wh Q vns mar pk felsic patches & highly leached areas of residual rock.			V. mar dis Py assoc wh Q vns on frac & 2m dissolution cavity @ 101.45m.				
102 - 139.4			grgy wh-pper Qfp Por	A massive to variably altered or leached interval grgy-wh to ppery Qfp Por / RI.? Minor dissolution cavities @ 132.7m. Qp prevalent 1-5mm euhedral - subrounded.	In places ppery & per Hmt to Hmt pat In other areas pat grgy Se occasionally developing weak Fol^n.	Mar wh Q vn @ 123.7m @ 33°.	V. mar dis blebs of Py 139-139.4m. Mar blebs Py assoc & Hmt @ 137.1m.	A possible Fol^ => Hmt/Se bands @ 35° to CA.			At 122m a frac. lined & Fe stn @ 15° to CA. From 126 - 131m mar frac 10 & 25° to CA after Fe stn. 131-139.4m mar frac 30-35° to CA.	

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139.4 – 140.2			gywk-ggy av/slt	A variably carbonate veined ggywk-ggy av or slt. Possibly some leaching along upper contact ± R.I/Br from 139.4-139.6m where tends to be gywk slt.	Co. alt or bleb throughout. moderately developed	Co bwh Q vns & veinlets throughout. @ 30-40° to CA subll to fol^n also irregular x cutting vn @ 139.7m		Bedding @ 30-35° to CA.			Contact b/w app Py R1 @ ash vol./slt is conformable mnr interfingering. Contact @ 28° to CA.	
140.2 – 140.9m			ggy-wk av tbdd v.	Dominately ggy av with numerous Co bleb veinlets & possibly wk Co. alt slt bands subll fol^n. In places mnr lv bands Qp (cm-scale) lv bands rarely exceed 1-5mm.	Co. pervasive patches developed after av? & as bands & blebs subll to CA.	Numerous small Co, Q veinlets subll fol^n.		Fol^n => So @ 26° to CA.				
140.9m – 147.35			gngywk lv ibd ggyqav	Dominately gngywk lv Qp lh. fr (ggyav clasts) mnr rbd bands gy-ggy av/slt or slt. Possibly some Chl fragments after glassy fragments?	Se pat ± ab bands also. Co pat, blebs & veinlets. mod to intense.	Co vns developed subll to fol^n.	Mnr bleb to blebs of Py Sporadically distributed.	Fol^n or So @ 35° to CA.				
147.35 – 147.95			ggy lv Qp	Ap ggy gn lv Qp mr fol flecks? & mnr av fragments as lh. fr. Possibly mnr av bands.	Intense Co bleb & vns.	Co vns x cut CA subll to a few ± to the fol^n.	Mnr dis bleb of Py.	Fol^n or So @ 25° to CA.				
147.95 – 151.2			gn-dkgn lv ibd av	Rx interval dominated by gn-dkgn lv Qp lh. fr (Rb clasts & ggyqav). ibd mnr gn-ggy av/slt bands. Mnr ggy bx clasts and glassy fragments?	Co vns & bleb mod-intensely developed	Co, Q vns & veinlets throughout.	Mnr Py blebs & narrow 1-2mm band @ 149.93m. In places v mnr ± Co, Q vns.	Fol^n or So @ 35° to CA.			Mnr Mt throughout ± response to magnet moderate to strong	

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY ROCK NAME	LITHOLOGY DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
154.2 – 154.3			grgylv qp.	An interval dominated by grgylv qp $^{fp}_{fx}$ lhfr (av. clots, felsic clasts.) mar ibd grgyav ± slt.	Se per throughout mtx. Co blebs & vns moderate development.	Co vns & blebs throughout.		Fol^n => So @ 27° to CA.			pk br felsic clasts of R.1 / Por Qp. Moderate strong Mt response possibly related to the proliferation of felsic clasts.	
154.3 – 154.6			grgyav	An interval dominated by grgyav mar ibd gn lv qp lhfr (felsic, pk br Qp Por, grgysh) fp (sericitised).		mod Co vn development as blebs & irregular veinlets.		Fol^n => So @ 35° to CA.				
154.6 – 158.8			grgysh lv	An interval dominated by grgysh lv qfp, lh.fr (felsic R.1 Qp clasts, Qtz. clasts, sh/av clasts).	Some mod Se per of mtx.	Irregular Co vns blebs & pat occur throughout. Also mar Q assoc ± Co vns.	157.8 – 158.8m mar dis blebs of Py.	Fol^n => So @ 20° to CA.			Abundant Mt throughout to produce strong magnetic response.	
158.8 – 159.75			gygr av/sh	An interval Dominated by gy-gygr av/slt ± mar ibd lv qp, fp lhfr (R.1, sh).	Some Sericitisation of mtx of lv.	Mar veinlets & blebs of Co.	Dis blebs of Py occur throughout lv, mar Py halo ± in gyav/sh abng ± mar band of gn @ 159.1m.				Strong Mt response as a result to Mt assoc ± lv.	
159.75 – 166.0m			gn-dkgn lv	An interval dominated by gn-dkgn lv qfp lhfr (felsic R.1 Qp, sh. frag.) felsic lava clst more prolific downhole. Core frac subll fol^n from 162.4 – 163.7 dominately drill induced.	Some Sericitisation of mtx, mod. Some Ch assoc ± Se.	Numerous Ca vns & veinlets & blebs.	mar wispy veinlets of Py @ 165.25m Mar dis Py throughout	Fol^n => So @ 30° to CA. => 35° to CA downhole.			Strong magnetic response as a result to Mt. Some frac subll to fol^n, ± some Ch/Se prg lining frac.	

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166.0 – 166.4			grgy au	An interval dominated by grgy aus/slt mnr Cc uns or bands subll foln & mnr wispy bands w Qp.fp 1hfr. (felsic L.I.)		Cc uns & blebs subll to So. Mnr Hmt assoc ± Cc uns @ 166.05m.		Foln => So @ 35–40° to CA.				
166.4 – 168.5m			gn lv	gn – gygn lv Qp.fp 1hfr (prior R.1Qp), Moderate frac subll to foln in places more intensely frac drill induced.	Some Cl flooding of mtx along ± mill perserkatic.	Cc uns, veinlets well developed esp. in assoc. ± felsic 1hfr.		Foln => So @ 33–43° to CA.			mod – intense magnetic response, Mt possibly assoc ± or related to occurrence of felsic 1hfr.	
168.5 – 169.0m			gn lv	gn – dkgn lv Qp fp only v. mnr sporadically distributed felsic 1hfr R.1Qp, also occur.	mnr wispy Cl veinlets. Some serricite alteration of mtx mild.	Irregular Cc blebs & veinlets.	mnr Py assoc ± wispy Cl veinlets & patches.					
169.0 – 169.5			gn lv	A possible fault zone with intense Chloritisation of gn – dkgn lv Qfp ± some assoc. pug development & chl on shd plains. Core highly brkn, with the possibility of drill induced frac. also rods may have been pulled to & bit allowed some over coring of cave material.	Cl per moderate – intense.	Intense Cc & mnr assoc. @ uns & veinlets.	mnr dis Py blebs assoc. ± Cl. Possibly some small Hmt spt (strongly resemble cuss.) (in habit)	Upper shear contact @ 17° to CA. Dominate frac. @ 40° & 17° to CA.			0.2m coreloss.	

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169.5			gn Rel?	An almost banded gn-minor Rel. ◉fp cl. per with bands or zones of pk brwn felsic R.l/Por? qp. (Hmt stn often intense in felsic bands).	Cl per b/w zones of fairly felsic lava.	Co vns less prevelant mainly assoc. ∑ felsic areas. Some whQ, Co & Cl vns.	In places felsic lava has dis to per Py min^ & mnr blebs of cp assoc. ∑ Py. 172.5-172.6m.				Mt dis throughout ∑ mod. strong magnetic response. Some drill induced frac. over coring from 170.2 - 170.4m. 170.7-170.9 core highly brkn ∑ some over coring	
172.9			gn lv?	A highly brkn frac. interval gn-dkgn lv fp in places shd.	Cl. per med-strong mnr pat Hmt.	Intense whQ. Co vns ∑ some assoc. Cl.		@173.1m a shear @ 25° to CA ∑ some assoc crenulation			d:o Mt throughout. Frac generally irregular ∑ some regular frac @ 25, 60 & 70° to CA.	
173.1			gn lv?	gngy lv fp. Co spt possibly some Qp. essentially massive & some Cl-Se pervasive mtx. v.mnr lkpr. Felsic lava	Co. spt mod. Cl-Se per mtx mod. Cl spt sporadic.	Co. vns irregular & subll to Fol^ In places Hmt assoc. ∑ Co vns	174.85m mnr Py band	Possible Fol^ S. @ 40° to CA			Core Orientation @ 175.7m. Mt throughout ∑ Strong magnetic response.	
177.15			gn lv	gngy - brn lpk lv ∑ abundant felsic clasts. Rl (Qp Hmt pp) Similar to 169.5-172.9 may represent Cl alt^ of Rl/Por? Felsic zones commonly define bands subll Fol^.	Cl. per assoc in places intensely developed upon frac.	Irregular Co vns throughout, in particular assoc ∑ felsic clasts. Some veins/veinlets subll to Fol^.		Fol^ S. ? 40-43° to CA. Some frac. subll to Fol^ @ 40-45° to CA.			Mt throughout ∑ strong magnetic response.	
178.6			gn lv/au	A possible gn lv fp. felsic/pyr Co. spt ∑ gn au/slt mnr. i.e. mnr au/slt bands 1-2cm ∑ lv ∑ mnr areas of felsic lava clasts/bands.	Cl. Se per mtx moderate. Co. spt mnr Hmt spt assoc ∑ felsic clasts.	Co veinlets & vns sporadically distributed. Some Q, Co. Cl vns		Fol^ possibly So @ 25° ∑ some alignment of Se? @ 35° to CA			Mt throughout ∑ strong magnetic response.	
180.8												

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180.8 – 188.25			gn bvolc	An interval that is dominated by large masses or bands of aphyric felsic lava uphole that progress to smaller subrounded clasts of felsic lava and finally to ggvk felsic lava clsts + slt clasts downhole. gn gy vk lv/bv lkfr (felsic lava (R.1), slt, qtz?). qfp.	Cl Pleckes spt throughout mod. Cl-Se per mtx mod.	Irregular Co vns, veinlets & blebs throughout.	Mar dis blebs & wispy veinlets of Py more prevalent downhole.	Bedding @ 20-30° to CA => Ss or S, Possibly represents compositional differences => Ss.			Becomes less magnetic downhole.	
188.25 – 192.45			gy Slt : bd gy Ss : bd gy lv	An interval of interbedded gy lv Slt ± gy vk Ss ± gn gy lv qfp ± mar wispy Slt bands. The Ss → Qtz. (lv : Ss : Slt = 3 : 2 : 1)	Mar Cl. Se per mtx at lv. In places Cl spt assoc ± Ss & commonly ± lv.	Mar Co veinlets sporadically distributed dominately assoc ± lv.	Mar Py bands & blebs assoc. ± Ss bands.	well defined bedding @ 25-30° to CA.				
192.45 – 194.05			bk Sh/slate	Dominately bk Sh/slate ± mar bd gy Slt/ss. Highly frac., some vnlet graphitic upon frac. plains.		Mar Co vns & vnlets.	Mar blebs of Py assoc ± Co vns. Some Py lining frac plains.	well defined bedding @ 30-25° to CA.			well developed cleavage sub// to fol^{n} ± core highly frac along cleavage.	
194.05 – 199.8			gy Qp R.1	gy-p/gy Qp R.1, coarse 1-6mm Qp. massive. Somewhat bleached paler grey 194.3-197.8m possibly assoc ± Qtz development may be some sericitisation.	v. mar Cl? infilling wispy veinlets/frac? Some Cl assoc ± intense whQ veining towards the base of the interval.	v. mar Co veins & veinlets sporadically distributed. In places well developed whQ mar around 194.3-197.8m ± some assoc. leaching.						

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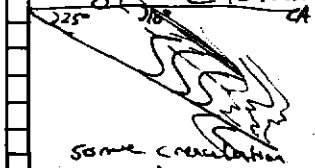
DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
199.8			gy blk Sh.	An interval dominately of gy blk Sh ± mar ibd gy Slt. In places → siltys. in other areas highly graphitic blk Sh. Some Syngenetic Py. From Core orientation sequence appears to dip towards S.W.		Irregular blebs & veinlets of Co ± WhQ.	Dis Py & mar Py veinlets throughout. Py also lines bedding planes & fracs. Minor veinlets of Mt. 200.2 - 200.3m. Minor bleb Sp on lower contact.	Bedding @ 30° to CA. ⇒ 15° to CA downhole. ⇒ 30° by base of interval. At 202.3m R.L.D = 230° S_0 = 21° ⇒ 74° → 043 At 201.9m RLD = 10° S_0 = 22° ⇒ 60° → 186° Lower contact @ 45° to CA Upper contact more irregular but approx 45° to CA.			Conformable upper contact, faulted lower contact. At 206.15m highly broken pug & Sh and blk Sh ± fract @ 40°, 65° to CA. At 205.85m mar Sh'd zone ± pug & Co lining frac. @ 40° to CA.  Some crenulation & shearing of blk Sh. Core Orientation @ 202.3m. Possible Fault Seal Zone 211.9 - 211.4 i.e. intense WhQ vnd zone ± mar residual blocks of gyQpR.1 May simply represent Ci. Q vn or Flt seal from 213.6 - 214.15m.	199.8
206.25			gyQpR.1 (FAULT)	A Fault sealed zone of intensely WhQ veined interval with some irregular clasts of gy QpR.1 in places intensely Ci altered.	Some Ci. ptg in places, particularly downhole. Brecciated lava frag intensely altered.	Intense WhQ vn development as Flt seal ± mar assoc. Co.						206.25
207.8			gyQpR.1	A gy QpR.1 massive cut by numerous WhQ vns. In places some bleaching & possible Sc alt. ptg zones of intense WhQ vn development esp 212.4 - 213.7m.	V. mar pvt Sc alt. mild.	Intense WhQ veining mar assoc. Co veinlets & blebs in places Vns 45 - 55° to CA 0.5 - 100mm wide.						207.8
213.7			gracv	A highly chloritised interval possibly gracv or former aphyric R.1? (Fault Seal ?)	Ci alt intense & pervasive Mar Sc Mscki?	In places intense WhQ vn development 214.05 - 214.15m.						213.7
214.35												

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
214.15 – 217.6			grgyQpR.1	A grgy QpR.1 interval massive but ± a grgy colouration resulting from mild pervasive Se alteration. Again Coarse Qp (1–5mm).	Mod Se. per.	Moderate whQ ± Co, Cl vn development throughout ± vns @ 55, 60, 70° & irregularly sub ll to cutting CA.						
217.6 – 219.0			gyQpR.1	Similar to previous interval gyQpR.1, ± generally finer (0.5–3mm) Qp. gy somewhat sericitised matrix	per Se. mod. mnr Cl. pat.	A no. of broad 5–15cm whQ vn zones. vns ↑ @ 55, 65, 80° to CA. Mnr Co and Cl assoc ± whQ vns.						
219.0 – 232.5m			gyQpR.1	A massive gyQpR.1 little whQ. Co veinlet development.	Mnr Ser, but generally massive unaltered.	Only v. mnr short veinlets & narrow irregular whQ vn development. Mnr veinlets & blebs of Co. Mnr broader 1–2cm vns, veinlets of whQ downhole.					219.9m bedding 27° to CA	

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DEPTH	DRILL RUNS	CORE LOSS	LITHOLOGY: ROCK NAME	LITHOLOGY: DESCRIPTION	ALTERATION	VEINING	MINERALISATION	STRUCTURE	WEATHERING	VISUAL LOG	REMARKS	DEPTH
232.5 – 234.3			ggqpR1	A highly broken interval of ggqpR1 (Qp 1–5mm).	Mild se alt pervasively through mtx. Also some se lining frac surfaces.	mnr Co, Qz veinlet development sporadically throughout		Highly fractured, fractures irregular in places lined & Serrated pg. Frac 10,20, 35, 45° to CA.			Core highly broken, to a degree drill induced, also some jamming & result breaking during extraction from core barrel. Possibly some low t shear foln as plain of weakness @ a low ∠ to CA.	
234.3 – 237.3			ggqpR1	Similar to preceding intervals ggqpR1 (Qp 1–5mm) but generally less broken.	V. mild se per alteration of mtx. but generally massive unaltered.	Mnr wh Qz, Co veinlets sporadically developed		Some low ∠ frac development @ 15, 20, 35° to CA often at oblique ∠s to each other.			Some se to serrated pg lining frac surfaces.	
				EOH 237.3m								