Summary Drill Log and Header

Pluton Resources Ltd.

PROJECT:	Tas Porphyry		**HOLE NO:**	**DR1**	**DRILL TYPE:**		Diamond (Diamac 282)
PROSPECT:	Five Mile Rise		DATE COMMENCED:	**24/04/2007**	**DRILLER:**		Almac Drilling
EL:	14/2006		DATE COMPLETED:	**4/05/2007**	LOGGED BY:		John McD
EASTING	424158	AGD66	**TOTAL DEPTH (m):**	**337.4**	DATE:		17/08/2007
NORTHING	5398565	+-5m	**AZIMUTH:**	**114**	OXIDATION	BOPO:	36m
COLLAR RL:	735m (25k map)		**DIP:**	**-60**		BOCO:	0m

Drilling details

Core Size	From	To
PQ		
HQ	0.00	58.90
NQ	58.90	337.40
BQ		

Comments

Hole designed to:- Test an IP anomaly identified in the RGC survey, believed to be sourced from below the Ordovician cover. The hole was originally named C1 and commenced on 16-4-07, however the hole collapsed and the rod string was lost and the hole was abandoned on 23-04-07. Core from C1 was retained but never logged nor sampled. The replacement hole was initially termed C1A by drillers but is now labelled and referred to as DR1.

Significant Intervals:

Hole_ID	From	To	Interval
DR1	232.00	242.00	10m @ 0.1% Cu
	232.00	233.00	incl. 1m @ 0.34% Cu
DR1	299.00	300.00	1m @ 0.52 g/t Au
DR1	315.00	316.00	1m @ 1.13g/t Au, 63.3g/t Ag and 3.03% Pb
DR1	336.00	337.00	1m @ 1.37g/t Au

Summary Log

From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	26.50		Bioturbated poorly sorted pebbly sandstone and fissile pale yellow siltstone. (Moina Sandstone)
26.50	337.40		Quartz phyric crystal rich, lithic poor volcaniclastic sandstone, variably haematite, k-spar and chlorite altered.

Down Hole Surveys - Pluton Resources									
Hole_ID	Depth	Azimuth	Dip	ID	Mag_azm	Type	Verified	Comment	Date
DR1	0	114	-60		100	2	N		24/04/2007
DR1	75	115	-60		101	1	Y		30/04/2007
DR1	100	127.5	-59.5		113.5	1	Y	lg variation - magnetic rock?	30/04/2007
DR1	150	121.5	-59.5		107.5	1	Y		30/04/2007
DR1	200	122	-59.5		108	1	N	Camera Disc unavailable, recorded in daily report only	30/04/2007
DR1	250	126	-59		112	1	Y		1/05/2007
DR1	300	129	-58		115	1	Y		3/05/2007
DR1	337.4	130	-57.5		116	1	Y		4/05/2007
	EOH								

Pluton Resources Detailed Drill Log

Hole Number	DR1	Sheet No	1

Mineralisation / Alteration and additional descriptors

Full description: **including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets

INTERVAL		ROCK CODES		Alteration summary				Pyrite		Chalco		Haem		Magnet		Potassic K-feldspar		Chloritic		Sericitic		Haematitic		T'maline		QVN	Other minerals / texture / colour								Full description
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour	
0.00	9.00	COs	SPEBSAND				W	Sp	1																								W	A-R-O	Pale grey/brown bioturbated poorly sorted pebbly sandstone with heamatite and limonite staining
9.00	17.70	COs	SSILT				W																										M	2Y	Pale to light yellow fissile siltstone and light cream-brown fine sandstone, limonitic (possibly after siderite?),
17.70	20.00	COs	SPEBSAND				W																										M	2A-2Y-O	Light grey, orange and yellow sparsely pebbly sandstone
20.00	24.40	COs	SPEBSAND				M																										W	2Y	Pale to light yellow fissile siltstone and light cream-brown fine sandstone, limonitic (possibly after siderite?),
24.40	26.50	COs	SPEBSAND				T																										M	3R	Medium-dark red interbedded haematitic pebbly and coarse sandstone, contact is probably an unconformity
26.50	29.20		VSST	Ser	KSP		T									SP	w			P	m	P	vw				Li	D	1				W	3Gr	Olive green moderately sericite altered quartz rich sparsely lithic volcaniclastic sandstone, 30% large (to 8mm)rounded quartz crystals and 10% finer quartz , sparse felsic volcanic lithics to 3cm, weak spotty limonite possibly after pyrite. Two mineral phases other than quartz are darker green soft sub-angular fragments with translucent appearence (sericite? after plagioclase?) and light yellow-cream platy-wispy phase possibly after biotite (sericite), patchy haematite alteration in matrix (vw)
29.20	34.50		VSST	HEM	KSP		T	Sp	0.5			Vn	0.5			P	w					SP	m										M	3Br-3R	Medium brown-red pervasively haematite altered and veined quartz richs volcaniclastic sandstone, 30% large rounded quartz, haematite and limonote replacing the wispy cream sericite phase from the previous interval, 35% dark green translucent mineral described in prvious interval, sparse (1%) specular haematite veins to 1.5cm, limonite weathering on fracture surfaces after haematite, the matrix is pervasively altered to a medium reddish brown silicate
34.50	37.60		VSST	Chl	Ser	KSP						Vn	0.2			SP	w/m	P	m			P	w/m											4Gr-2O	Dark green to light orange quartz rich, lithic weak, volcaniclastic sandstone, Chloritised matrix, occasionally haematised wispy phase and laths, sparse specular haematite veinlets with limonitic alteration haloes, 20% large rounded quartz, lithics to 1cm, moderate semi-pervasive cream-light pink-orange alteration (albite-orthoclase?), moderate chloritic alteration of matrix (possibly overprinting brown silicate alteration
37.60	40.70		VSST	KSP	Chl			D	0.1			Vn	0.1			SP	m	SP	m															4O-3O	Medium to dark orange quartz rich, lithic weak volcaniclastic sandstone, Limonite and K-spar (orthoclase) altered plagioclase? and matrix. 30% quartz, partially shattered subrounded quartz typically 3-6mm, angular lithics (weak), chlorite (w), sparse specular haematite veins, patchy chlorite in matrix and occasionally rpx crystal phase but more commonly replaced by limonite, one 5mm quartz-chlorite-limonite (after sx) vein
40.70	43.60		VSST	KSP	Chl	Ser						Vn	0.2			SP	w/m	SP	w/m	Rp	w													1Gr-3Br-2O	Light green, medium brown and light orange quartz moderate sparsely lithic volcaniclastic sandstone, weak k-felds alteration (med brown), very sparse specular haematite veins and associated limonitic alteration haloes, light green mineral (sericte) replacing xrystal phase previously described as plagioclase rpx by translucent green mineral, lithic clast (3cm)
43.60	46.35		VSST	Chl	KSP	Ser										SP	w/m	Bnd	w/m	Rp	w						Li	P	10					2O>3Gr>3Br	Light orange, dark green and medium brown limonite altered quartz rich volcaniclastic sandstone, 30% large rounde quartz 3-8mm, similar composition to previous unit with limonite , replacing (later than) sericte altered crystal phase, medium brown silicate (potasic) alteration is semi-pervasive and chloritic alteration is banded with limonitic alteration, no visible lithics
46.35	49.00		VSST	KSP	Chl	Ser						Vn	0.1			P	w/m	Bnd	w/m	Rp	w						Li	SP	7					3Br-2Gr-2O	Pale-medium green, medium brown and light orange crystal moderate volcaniclastic sandstone, 15-20% quartz, one possible 6cm 'bomb' lithic, chlorite and sericte (rimming) replacing crystal phase, limonite stain around veins as semi-pervasive alteration
49.00	52.00		VSST	KSP	Chl											P	m	SP	w/m								Li	SP	2					1Br-2Gr-2O	Light brown to medium green crystal rich lithic poor volcaniclastic sandstone, large rounded quartz 20%, other crystal fractions ~40% (chloritised), pervasive potassic (kfeldspar-albite?) alteration with semipervasive chloritic alteration and minor limonitic alteration, one lithic clast (1cm), heamatite stain around some shattered quartz, cream-pale green wispy mineral phase possibly sericite after biotite
52.00	60.00		VSST	Ser	KSP	Chl										Sp	w	Rp	w			P	w				Li	SP	4					4Br	Dark brown-maroon heamatite altered crystal rich lithic poor volcaniclastic sandstone trace disseminated pyrite, haematised and probable potassic alteration, 50% crystal component , possibly sericitised wispy crystal phase (bioitite) 3%, spotty pink k-feldspar crystal growth/replacement of plagioclase? to 3mm
60.00	63.70		VSST	KSP	Ser							Vn	1.5			P	w					SP	w				Li	SP	5					3Br-2O-2R-3Gr	Dark brown, light orange/pink and patchy dark green crystal rich lithic weak volcaniclastic sandstone, 30% large rounded quartz, pervasive probable potassic alteration, possibly sericitised wispy crystal phase (bioitite) 2%, weak limonitic stain as haloes around haematite veins, lithics to 3cm
63.70	66.60		VSST	KSP	Chl	Ser						Vn	0.1			SP	w/m	SP	w	Rp	vw													1/2Gr-2/3Br-1P	Pale pink-green and medium brown patchy potassic altered crystal rich lithic poor volcaniclastic sandstone, chloritised and rarely sericitised crystal phase (plagioclase? 30%) and chloritised matrix around fringes of potassic (orange-brown silicate) alteration, haematite vienlets (vw), occasional sericitised wispy crystals (1%)
66.60	72.55		VSST	KSP	Ser	Chl						Vn	5			P	m	SP	w			P	w/m				Li	SP	3					3Br-4R	Dark maroon-brown crystal rich volcaniclastic sandstone, 20% quartz, light yellow-cream wispy crystal phase ~2% but to 5%locally and occasional k-felspar replacement of crystal phase, dark brown silicate (potassic) alteration probably stained dark with fi haematite, , limonite alteration around veins, generally crystal packed
72.55	74.70		VSST	KSP	Ser											SP	w/m			Rp	w													1Gr-2O-1P-2Br	Pale green and pink-light brown crystal rich lithic poor volcaniclastic sandstone, semi-pervasive brown and light pink potassic alteration of matrix and green sercitised? angular crystal phase 40% and 25% rounded and sub-rounded quartz

Pluton Resources Detailed Drill Log

Hole Number	DR1	Sheet No	2

Mineralisation / Alteration and additional descriptors

INTERVAL		ROCK CODES		Alteration summary				Pyrite		Chalco		Haem		Magnet		Potassic K-feldspar		Chloritic		Sericitic		Haematitic		T'maline		QVN	Other minerals / texture / colour								**Full description:** **including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour	
74.70	77.60		VSST	Chl	KSP											P	w	SP	m	Rp	w/m													3Br-1/3Gr-3O	Dark-spotty light green and dark brown-orange quartz rich lithic poor volcaniclastic sandstone, 20% quartz, zoned plagioclase? With chloritic cores and sericitic? rims giving light spotted apperance in pervasively potassically altered matrix, chloritic semi-pervasive alteration apparently overprinting potassic alteration
77.60	79.20		VSST	HEM	KSP							Vn	1			P	w					P	m				Li	SP	5					4Br	Dark brown-maroon crystal rich volcaniclastic sandstone, 20% rounded large quartz (to 8mm), All larger crystal phases except for quartz replaced by haematite, minor (3%) light cream wispy crystal phase probably sericite replacing biotite? to 3mm, limonite alteration around veins, strong alteration masks probable xrystal supported texture
79.20	82.80		VSST	Chl	KSP	Ser										P	w/m	SP	m	Rp	w/m													2Br-1/3Gr-3O	Dark-spotty light green and med-dark brown-orange quartz rich lithic poor volcaniclastic sandstone, 20% quartz, zoned plagioclase? With chloritic cores and sericitic? rims giving light spotted apperance in pervasively potassically altered matrix, chloritic semi-pervasive alteration apparently overprinting potassic alteration, pyrite to 3% locally but trace overall
82.80	85.90		VSST	KSP	Lim											P	w	SP	w	Rp	w	P	m				Li	SP	5					3/4Br-1/3Gr-3O	Dark-spotty light green and med-dark brown-orange quartz rich lithic weak volcaniclastic sandstone, 1% sub-rounded lithics (dominantly light green siltstone to 4cm), 20-25% rounded quartz, zoned plagioclase? With chloritic cores and sericitic? rims - a mixture of last two alteration types in more lithic unit
85.90	87.40		VSST	KSP	HEM											P	w/m	SP	m	Rp	w						Li							2Br-3Gr-3O	Dark-spotty light-dark green and med-dark brown-orange quartz rich lithic poor volcaniclastic sandstone, 20% quartz, zoned plagioclase? With chloritic cores and occasionally sericitic? rims giving light spotted apperance in pervasively potassically altered matrix except where alteration is stronger and sericite is absent, chloritic semi-pervasive alteration apparently overprinting potassic alteration, pyrite to 3% locally but trace overall
87.40	91.90		VSST	KSP	HEM							Vn	2			P	m	SP	w	Rp	w			P	w		Li	SP	5					2P-2O-4R	Light pink-orange and dark red crystal packed lithic poor volcaniclastic sandstone, heamatised crystal phases, pinkish k-feldspar alteration of matrix, crystal packed, 30-35% subrounded quartz, possible sericitised biotite phase 1%, although 3% locally
91.90	92.70		VSST	Lim																							Li	P	35					3O-4O	Orange and dark orange crystal packed lithic poor volcaniclastic sandstone, limonitic crystal phases, crystal packed, 30-35% subrounded quartz, limonitic version of above unit, all matrix and crystal phases limonite altered,
92.70	104.50		VSST	HEM	Chl	Ser										SP	w	SP	w	Rp	w						Li	SP	2					3R-3O-3Gr	Crystal rich lithic weak-moderate volcaniclastic sandstone, lithics to 2cm increasingly abundant down hole, 30% sub-rounded quartz and 40% angular plagioclase? crystal phase replaced by chlorite, haematite and k-feldspar and occasionally sericite rimmed and pale sericite? replacement of boitite? (1-2%), felsic volc and mudstone lithics to 3cm
104.50	109.30		VSST	Lim	HEM													Rp	w					Rp	m		Li	SP	25					1P-2/3O	Light pink-orange crystal packed lithic weak-moderate volcaniclastic sandstone, limonitic>chloritic>heamatised crystal phases, and moderate-strong semi-pervasive limonite pinkish clay alteration (after K-spar?) of matrix, crystal packed, 30-35% subrounded and subangular large quartz (2-8mm), felisc volcs and mudstone lithics to 4cm
109.30	114.00		VSST	HEM	KSP							Vn	0.2											P	m/s		Li	Vn	0.5					4Br-4R	Dark red-maroon crystal packed lithic weak-moderate volcaniclastic sandstone, crystal packed, 30% subrounded quartz, other phases strongly heamatised, haematised lithics to 6cm probably originally mudstones
114.00	115.45		VSST	SIL	HEM							Vn	2			P	w	P	w					SP	w/m		Li	Vn	0.2					4Gr-4R	Olive green crystal rich lithic weak-moderate volcaniclastic sandstone quartz 25%, plagioclase 40% angular fragments, 4% sericite replacing laths to 4mm (0.5mm thick), haematite veins 3/m, lithics to 3cm mostly mudstones
115.45	117.00		VSST	HEM												P	w							P	m/s		Li	Vn	0.5					4R	Dark red crystal rich lithic weak volcaniclastic sandstone, 25% sub-rounded quartz and 30% heamatised crystal phase
117.00	119.10		VSST	KSP	Lim	HEM						Vn	1			SP	w							SP	m		Li	Vn	10					P-O-4R	Pink, orange and dark red crystal rich lithic weak -moderate volcaniclastic sandstone, 15% large rounded quartz, haematised and limonitic crystal phases, lithics to 4cm probable mudstones
119.10	120.30		VSST	HEM	KSP							Vn	1			P	w/m							SP	w/m									3R-3O	Dark red and orange crystal rich lithic moderate volcaniclastic sandstone, moderate potassic and up to moderate semi-pervasive haematitic alteration and haematite veinlets, lithics ar mudstones and felsic volcs to 3cm, variably rounded
120.30	121.95		VSST	SIL								Vn	1																					4Gr	Olive green crystal rich, lithic weak-moedrate volcaniclastic sandstone, narrow irregular haematite veins 6/m, 30% rounded quartz
121.95	131.50		VSST	Sil	HEM	KSP						Vn	2			Sp	w/m	SP	w					SP	w/m									4Gr-4R-3O	Olive green and occasionally orange and red crystal rich lithic moedrate volcaniclastic sandstone, haematite veins 5/m (size?), tourmaline? veining increasing down hole possibly synchronous with haematite, typically subangular mudstone lithics to 4cm, weak anastomosing foliation in k-feldspar altered zones
131.50	141.30		VSST	KSP	Arg		W					Vn	2			SP	m/s																	3O-2P-4A	Pink and grey potassically altered crystal rich lithic weak volcaniclastic sandstone, clay altered in lighter zones (slight colour change at 132.7), occasional silicification with minor translucent green sericite? and 5 haematite veins/m
141.30	141.90		VSST	KSP	HEM							Vn	1			Sp	m/s							SP	w/m									3A	Grey and pink spotted kfeldpar altered? fine grained to 3mm probably lithic rich volcaniclastic sandstone with dark matrix and 10% fine angular quartz
141.90	146.00		VSST	KSP	TML	HEM						Vn	2			P	m					P	m	Vn	w									N-3O	Interbedded probable tourmaline altered (black) fine sandstone and coase pervasively potassic altered volcaniclastic sandstone (orange), includesblack finer units with potentially chilled magins or fliudised sediments with later overprinting alteration or in on case possible "doubly graded" fine-coarse-fine
146.00	147.45		VSST	KSP	HEM	TML		Br	1			Vn	2			P	m/s					Br	w	Vn	w									4O-2P	Medium bright orange to light pink crystal rich volcaniclastic sandstone, pervasively K-feldspar altered and spotty k-feldspar development after plagioclase? Weak heamatite veinlets, toumaline alterd breccia bearing pyrite to 10% locally over 5cm, possible fines sandstone dykes?
147.45	149.55		VSST	SIL	KSP			D	5			D	5			Sp	w/m																	4A	Dark grey fine grained (to 3mm) quartz poor volcaniclastic sandstone, k feldspar spoted alteration of crystal phase, disseminated pyrite to 2% and dissem haematite 2%
149.55	150.00		VSST	SiSX	KSP		W	D	10			D	5			SP	vw					Vn	vw											2A-2O	Light grey quartz rich weakly lithic sandstone, disseminated pyrite 6-10%, haematite veining (vw) silica alteration (m), quartz 30% large/rounded, interbeds? with irregular contacts with the coarser material, light pink and creamy-white alteration of crystal phases with dark grey alteration of the matrix
150.00	151.60		VSST	KSP	HEM							Vn	2			P	m										Li	SP	1					4A-4Gr-3O	Dark green-grey and orange coarse crystal rich lithic weak volcaniclastic sandstone, potassic (m) semipervasive alteration, heamatiitc alteration, disseminations and veining (m), semi-translucent grey-green semi-pervasive silica-sericite? alteration

Pluton Resources Detailed Drill Log

Hole Number	DR1	Sheet No	3	Mineralisation / Alteration and additional descriptors

Full description: **including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets

INTERVAL		ROCK CODES		Alteration summary				Pyrite		Chalco		Haem		Magnet		Potassic K-feldspar		Chloritic		Sericitic		Haematitic		T'maline		QVN	Other minerals / texture / colour								
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour	
151.60	151.80		VSST	SiSx	Arg			D	15																									A-W	White (clay altered)and grey (silica) quartz poor fine volcaniclastic sandstone, 15-20% dissem py
151.70	153.50		VSST	SIL	HEM							Vn	5									SP	w/m											2A-3R	Silica-Haematite altered crystal rich volcaniclastic sandstone, qtz 30%
153.50	156.70		VSST	KSP	Arg							Vn	0.2			SP	w/m	Rp	vw			P	w/m				Li	P	5					3O-2P	Ksp orange lithic weak-moderate crystal rich volc sst, 30% qtz
156.70	159.00		VSST	KSP	Chl	Ser										P	w/m	SP	w/m	Sp	w/m						Li	Sv	2					2/3Br-2Gr	Dark brown and green spotted crystal rich volcaniclastic sandstone
159.00	169.50		VSST	HEM	Arg							Vn	0.1			SP	vw	Rp	vw			SP	w/m				Li	SP	10					1P-1O	Light pink and orange crystal rich, lithic rich volcaniclastic sandstone, silica-haematite and silica-limonite semi-pervasive alteration
169.50	170.90		VSST	KSP	Chl	Ser						Vn	0.1			P	w/m	P	vw	Rp	vw						Li	Sv	1.5					3Br-2Gr	Brown and green spotty lithic rich volcaniclastic sandstone Fining down hole
170.90	171.30		VSST	Chl				D	0.1									P	m															3Gr	Fine grained qurtz poor fine volcaniclastic sandstone. Chlorite alteration as replacement of crystal phases and pervasive matrix alteration and clay? altered
171.30	172.10		VSST	KSP	Chl											P	m			Rp	w/m													4Br	Coarser bed similar to above composition, lithic rich volcaniclastic sandstone
172.10	177.20		VSST	Chl				D	0.1									P	m/s															4A	Dark grey quartz poor lithic rich volcaniclastic sandstone, possibly coarsening down hole
177.20	178.40		VSST	KSP	Chl	Ser										P	w/m	SP	w	Rp	w													4A-P	Dark grey and pink, crystal rich, lithic rich volcaniclastic sandstone, 2% pyrite, possibly a fine top to a bed near downhole contact at 178.2
178.40	186.10		VSST	KSP	Chl	Ser		D	0.1							P	m	Rp	w/m	Rp	w/m													3/4Br-3Gr	Med-dark brown and green spotted crystal rich volcaniclastic sandstone, lithics absent? Semi-pervasive chloritic alteration and replacement of crystal phases with occasional sericitic alteration
186.10	188.20		VSST	KSP												P	m			Rp	vw													4Br	Dark brown potassically and haematite altered crystal rich lithic weak? volcaniclastic sandstone, occasional pink ksp development but potassic alteration of matrix is strong with all but quartz and cream wispy crystal phase replaced
188.20	188.60		VSST	KSP	Sil	Ser										P	w/m			SP	w/m													3Br-2Gr	Medium brown (potassic) and olive green (silica) altered fine volcaniclastic sandstone, @189.7, probable fining down hole then coarse bed "scours" over ie: grades downhole = steep dip or overturned?
188.60	190.45		VSST	KSP												P	m																	4Br	Dark brown potassically altered crystal rich weakly lithic volcaniclastic sandstone
190.45	190.60		VSST	KSP	Sil											P	m																	4/5Br	Very dark brown fine grained quartz poor volcaniclastic sandstone, @190.6 probable fining down hole then coarse bed "scours" over ie: grades downhole = steep dip
190.60	191.25		VSST	KSP								Vn	4			P	m																	4Br	Dark brown potassically altered crystal rich lithic weak volcaniclastic sandstone, k feldspar replacement of crystal phase (vw) and one 4cm haematite vein nearly coincident with probable bedding plane
191.25	191.95		VSST	KSP	Sil	HEM						Vn	2			P	m																	2Gr-3Br	Olive grey-green (silica) and dark brown (potassic) veined fine grained quartz poor volcaniclastic sandstone
191.95	195.60		VSST	KSP	Ser	Chl						Vn	2			P	m	Rp	w/m	Rp	w/m													3/4Br-3A	Dark brown coarse lithic rich quartz crystal rich volc sst with numerous dark grewy grey "fluidised fine grained interbeds" with irregular boundaries suggesting sediment dykes or dewatering of the sedimentary pile, a single 1.5cm haematite vein
195.60	196.35		VSST	KSP	Sil	Chl										P	w/m	P	w	Rp	w													3Gr-4Br	Olive grey-green (silica) and dark brown (potassic) veined fine grained quartz poor volcaniclastic sandstone with minor inerbeds of carser quartz rich material

Pluton Resources Detailed Drill Log

Hole Number	DR1	Sheet No	4	Mineralisation / Alteration and additional descriptors

Full description: **including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets

INTERVAL		ROCK CODES		Alteration summary				Pyrite		Chalco		Haem		Magnet		Potassic K-feldspar		Chloritic		Sericitic		Haematitic		T'maline		QVN	Other minerals / texture / colour								
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour
196.35	199.40		VSST	KSP	Chl							Vn	0.5			SP	m	SP	m															4Br-4Gr
199.40	200.20		VSST	Chl	KSP											Sp	w/m	P	m/s															4A-N
200.20	205.25		VSST	Chl	KSP	Ser		D	0.1			Vn	0.1			SP	vw	P	m	Rp	w													4Br-4Gr
205.25	205.80		VSST	Chl				D	0.1									P	m															4Gr-4A
205.80	215.20		VSST	KSP	Chl									Vn	0.5	SP	m	Rp	w/m															4Gr-3Br
215.20	215.55		VSST	Chl	KSP			D	0.2							SP	w	P	m															4A
215.55	221.60		VSST	KSP				Vn	0.2	Vn	0.1			Vn	2	P	m			Sp	w													3Br>4A
221.60	222.05		VSST	Chl	KSP			D	0.5							Rp	w	P	m	Rp	vw													4A
222.05	225.00		VSST	KSP	Chl			D	2			Vn	0.2			P	m	SP	w/m															3Br>4A
225.00	225.30		VSST	Sil	KSP			D	4			Vn	0.1			SP	vw																	2A
225.30	231.60		VSST	KSP	Chl	HEM		D	2			Vn	0.5			P	m	SP	w/m	Rp	vw													3Br-4A
231.60	232.00		VSST	Sil	DSX			D	4	Sp	0.2															w								2A
232.00	232.25		VSST	KSP	DSX			D	4							P	m/s																	3Br-3O
232.25	233.20		VSST	SiSX	KSP			D	12	Sp	0.7					SP	w																	2A
233.20	235.30		VSST	KSP				D	2.5	D	0.1					P	m									w								3O/Br>>4A
235.30	235.45		VSST	KSP	DSX			D	10	Sp	0.2					P	m									vw								3O-3Br
235.45	238.10		VSST	TML	HEM	KSP		D	8	D	0.1	Vn	10			SP	vw					Vn	m	SP	m									N-3R-3Br-1A
238.10	243.10		VSST	KSP	Sil	HEM		Vn	2			Vn	1			P	m	Vn	vw			SP	vw			vw								3O-4Br-2A
243.10	244.00		VSST	HEM	TML			D	2			Vn	5									P	S	Vn	m									4A-N-4R

Pluton Resources Detailed Drill Log

Hole Number	DR1	Sheet No	5

Mineralisation / Alteration and additional descriptors

FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Pyrite Style	Pyrite Amount %	Chalco Style	Chalco Amount %	Haem Style	Haem Amount %	Magnet Style	Magnet Amount %	Potassic K-feldspar Style	Potassic K-feldspar Amount (WMS)	Chloritic Style	Chloritic Amount (WMS)	Sericitic Style	Sericitic Amount (WMS)	Haematitic Style	Haematitic Amount (WMS)	T'maline Style	T'maline Amount (WMS)	QVN Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour	**Full description: including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets
244.00	249.25		VSST	HEM	KSP	TML		D	0.1			Vn	0.1			SP	w/m					SP	m	Rp	w/m								W	4Br-4O-4R-4A	Dark brownish-red haematite and potassic altered quartz rich, lithic weak volcaniclastic sandstone with med-dark grey/black interbeds of fine quartz poor volc sandstone, spotty pink K-feldspar development particularly in the finer units, possible toumaline replacement of matrix in fine units with pseudobreccia of coarse volc sandstone 'clasts', fine units appear to be fining up hole eg:246.5 and 248.7, however bed form is irregular and may indicate fluidised sediment
249.25	265.25		VSST	HEM	KSP			Vn	0.1			Vn	0.3			SP	w	Vn	vw			SP	m/s										W	4R-4O-4Br	Dark brownish-red strong semi-pervasive and pervasive haematite and lesser potassic altered quartz rich, lithic weak volcaniclastic sandstone with grey or reddish haematitic 5-10cm interbeds of fine quartz poor volcaniclastic sandstone, very weak spotty pink K-feldspar development particularly in the finer units, one chloritic veined zone and one py-chl-hm-qtz vein
265.25	267.20		VSST	Sil	KSP	HEM		D	2.5	Vn	0.1	Vn	4	Vn	0.2	P	m					Vn	m										W	2A-3O/Br	Light grey (pervasive silica altered) and medium orange-brown (pervasive potassic alteration) of coarse and fine volcaniclastic sandstone, potassic alteration favours the coarse unit and silica-pyrite alteration is preferential in the fine unit, late haematite veins up to 10/m with accessory pyrite, one magnetite bearing vein and cpy as clots in haematite veinlets
267.20	270.60		VSST	KSP	HEM	Sil		D	0.1			Vn	0.5			P	m					SP	w/m			vw							W	3O>4A	Orange and grey quartz rich lithic poor volcaniclastic sandstone, with concentration of lithics down hole, pervasive potassic alteration, 30% rounded quartz to 8mm, pink K-feldspar replacement of crystal phase (plagioclase) and late haematite veinlets 3/m
270.60	271.00		VSST	KSP	Chl	HEM		Vn	0.1			Vn	1			P	m	SP	w			Vn	w			vw							W	3O/Br-3A	Pinkish-brown fine grained quartz weak probably lithic rich volcaniclastic sandstone, k-feldspar relacing crystal or lithic phase to 3mm, late hem veinlets
271.00	273.00		VSST	Sil	KSP	HEM		Vn	2	Sp	0.1	Vn	0.5			P	m					Vn	w										W	2A-3O/Br	Light grey (pervasive silica altered) and medium orange-brown (pervasive potassic alteration) coarse quartz rich volcaniclastic sandstone, silica alteration associtated with 3% pyrite, late haematite veinlets, pink K-feldspar spotting in potassic altered zones replacing crystal phase and 2-3% (replaced biotite) tabular cream crystal phase to 2mm
273.00	273.30		VSST	KSP	Sil			Vn	0.2			Vn	0.5			Sp	m					Vn	vw			vw							W	3O-4A	Pinkish-orange and medium grey fine grained potassically altered lithic rich volclaniclastic sandstone, pink spotty K-feldspar development replacing up to 30% of clasts/crystals
273.30	282.90		VSST	KSP	Chl	HEM		Vn	0.5			Vn	0.2	Vn	0.2	P	m	SP	m			SP	w										W	3/4Br-4Gr	Orangish-brown and dark green-brown coarse quartz rich volcaniclastic sandstone, alternating zones of potassic-haematitic and potassic-chloritic alteration, chloritic alteration has some disseminated magnetite and magnetite occurs in a vein with concentrated pyrite, haematite veining associated with minor pyrit
282.90	284.45		VSST	KSP	HEM			D	2							P	m					SP	w										W	4R-3O-4A	Pinkish-orange and medium grey fine grained potassically altered quartz weak lithic rich volclaniclastic sandstone, pink spotty K-feldspar development replacing up to 30% of clasts/crystals, up to 5% dissem py and semi-pervasive haematite
284.45	289.15		VSST	KSP	HEM	Chl						Vn	0.5			P	w/m	Vn	w			SP	w/m			w							W	2Br-4Br	Light tan, orange and dark brown coarse quartz crystal rich volcaniclastic sandstone, potassic alteration overprinted by darker haematite stain, haematite veins2/m, quartz-chlorite veins 5/m, pseudo breccia at start of interval with probable fine fluidised sediments
289.15	290.00		VSST	KSP	HEM											P	m					SP	w										W	4R-3O-4A	Pinkish-orange and medium grey fine grained potassically altered quartz weak lithic rich volclaniclastic sandstone, pink spotty K-feldspar development replacing up to 30% of clasts/crystals and semi-pervasive haematite
290.00	294.30		VSST	KSP	HEM	Chl						Vn	1			P	m	Vn	w			SP	w			w							W	2Br-3Br	Light tan, orange and brown coarse quartz crystal rich volcaniclastic sandstone, potassic alteration overprinted by darker haematite stain, haematite veins 3/m, quartz-chlorite veins 3/m, weak hint of chl and ser replacing crystal phases, fine interbed at 290.2-290.35/fluidised sediment injection
294.30	294.60		VSST	Ser	HEM	KSP						Vn	0.5			Sp	w			P	w	SP	w										W	2Br-1Gr-R	Tan and light olive green fine grained quartz weak lithic rich volclaniclastic sandstone, weak pink spotty K-feldspar development, pervasive weak sercitisation of matrix, semi-pervasive haematite (w)
294.60	302.60		VSST	KSP	HEM	Ser		Vn	0.3	Vn	0.05	Vn	0.5			P	m			Sv	w	SP	w			vw							W	3O-2Gr-3R-4Br	Pinkish-brown-orange and dark brown-red and olive green coarse quartz rich volcaniclastic sandstone, semi pervasive haematite alteration and veins with sericitic alteration haloes, pyrite and lesser chalcopyrite as vein accessories, one chl-qz vein/m
302.60	303.00		VSST	Chl	DSX			D	7	Vn	0.1							P	s														W	4Gr	Dark green chlorite-pyrite altered volcaniclastic sandstone, 7% dissem pyrite and trace chalcopyrite in veins/clots, hint of early potassic alteration
303.00	312.30		VSST	KSP	HEM	Chl		D	0.1							P	w/m	Rp	vw	Rp	vw	SP	w			vw							W	3O-4Br-4Gr	Dark brown and medium orange, potassically altered coarse quartz rich volcaniclastic sandstone with weak replacement of crystal phases of by chlorite and sericite near vein sevledges, haematite alteration as selvedges to veins/haloes with semi-pervasive appearence, spotty pink K-feldspar development, one chl-qtz vein/m, trace pyrite. A few minor 3-15cm fine interbeds of lithic rich volc sst
312.30	315.40		VSST	Sil	KSP			Vn	0.1			Vn	1			SP	w					Vn	w										W	2A	Pervasively silicified light grey coarse quartz rich volcaniclastic sandstone with hairlin haematite>py veins and light mineral phase (tabular/wispy) replaced by white-cream mineral (2-3%, possibly biotite)
315.40	316.40		VSST	Chl	KSP			Vn	2	Vn	0.5	Vn	0.5			P	w	P	m								Ga	Vn	5				S	4Gr	Dark green broken and veined faulted? Volcaniclastic sandstonewith moderate chlorite alteration and weakly potassically rubble, 3cm galena-pyrite-cpy-qtz vein
316.40	322.30		VSST	KSP	Ser	Chl										P	m	Rp	vw	Rp	w					vw							W	3Br/O-4Br/Gr	Orange and dark brown-green potasically and weakly chloritic coarse quartz rich volcaniclastic sandstone with sericite replacing crystal phase (plagiocalse) adjacent to veins giving a spotty appearance, one qtz-chl vein/m
322.30	322.70		VSST	Sil				Vn	5			Vn	1																				W	2A	Light grey strongly silicified coarse quartz crystal rich volcaniclastic sandstone with pyrite veining to 5% and lesser haematite in selvedges.
322.70	335.25		VSST	KSP	Ser	Chl										SP	m	Rp	w	Rp	w												W	4Br-4Gr-3Br	Medium orange-dark brown patchy potassic altered quartz rich lithic poor coarse volcaniclastic sandstone with spotty chlorite and sericite altered crystal phases
335.25	336.00		VSST	KSP	Mag			D	3			D	2	D	2	P	m					Vn	w										W	4A-3Br/O	Orange-dark grey fine lithic rich quartz weak volcaniclastic sandstone with moderate potassic alteration, grey magnetite rich alteration, disseminated and vein magnetite, 2% disseminated pyrite, possibly a magnetite halo from vein down hole , possibly fining up hole.
336.00	337.40		VSST	KSP	Chl			Vn	4	Vn	0.05	Vn	2			P	m	Rp	w			Vn	w			vw							W	3O-3Br>4A	Orange-brown potasically altered coarse quartz rich volcaniclastic sandstone with spotty k-feldspar and chlorite replacement of crystal phases other than quartz. Interval begins with two sulphidic veins, pyrite with haematite-pyrite selvedge, hard black alteration adjacent may be tourmaline also possible sericite alteration (soft olive green), quartz chlorite>>cpy veins in opposite orientation to sulphidic veins.

Magnetic Susceptibility Log (all figures x 10-3 SI units) - Pluton Resources									
Hole_ID	From	To	Avg Mag	Peak Mag	Hole_ID	From	To	Avg Mag	Peak Mag
DR1	0.00	2.00	-0.04	0.42	DR1	120.00	122.00	0.27	0.82
DR1	2.00	4.00	-0.07	0.07	DR1	122.00	124.00	0.19	0.57
DR1	4.00	6.00	0.23	1.51	DR1	124.00	126.00	0.46	1.28
DR1	6.00	8.00	-0.04	0.44	DR1	126.00	128.00	0.24	0.70
DR1	8.00	10.00	0.10	0.83	DR1	128.00	130.00	0.28	0.64
DR1	10.00	12.00	0.02	0.25	DR1	130.00	132.00	0.49	1.52
DR1	12.00	14.00	0.11	0.22	DR1	132.00	134.00	0.51	1.11
DR1	14.00	16.00	0.00	0.24	DR1	134.00	136.00	0.43	0.90
DR1	16.00	18.00	-0.03	0.09	DR1	136.00	138.00	0.40	0.80
DR1	18.00	20.00	-0.13	0.40	DR1	138.00	140.00	0.42	0.96
DR1	20.00	22.00	0.28	2.45	DR1	140.00	142.00	0.44	1.31
DR1	22.00	24.00	0.10	0.68	DR1	142.00	144.00	0.32	1.18
DR1	24.00	26.00	1.03	2.53	DR1	144.00	146.00	0.72	2.67
DR1	26.00	28.00	0.16	0.43	DR1	146.00	148.00	0.26	0.65
DR1	28.00	30.00	0.10	1.15	DR1	148.00	150.00	0.12	0.28
DR1	30.00	32.00	0.23	0.96	DR1	150.00	152.00	0.15	0.79
DR1	32.00	34.00	0.11	0.22	DR1	152.00	154.00	0.14	0.60
DR1	34.00	36.00	0.34	0.70	DR1	154.00	156.00	0.29	1.34
DR1	36.00	38.00	0.58	1.19	DR1	156.00	158.00	0.23	0.56
DR1	38.00	40.00	0.64	1.62	DR1	158.00	160.00	0.11	0.31
DR1	40.00	42.00	0.21	0.61	DR1	160.00	162.00	0.25	0.95
DR1	42.00	44.00	0.21	0.58	DR1	162.00	164.00	0.16	0.76
DR1	44.00	46.00	0.73	1.88	DR1	164.00	166.00	0.11	0.53
DR1	46.00	48.00	0.24	1.10	DR1	166.00	168.00	0.13	0.74
DR1	48.00	50.00	0.34	0.92	DR1	168.00	170.00	0.34	1.02
DR1	50.00	52.00	0.25	0.58	DR1	170.00	172.00	1.44	7.65
DR1	52.00	54.00	0.16	0.37	DR1	172.00	174.00	1.16	3.04
DR1	54.00	56.00	0.38	0.93	DR1	174.00	176.00	0.35	0.74
DR1	56.00	58.00	0.21	0.38	DR1	176.00	178.00	0.43	1.11
DR1	58.00	60.00	0.28	0.58	DR1	178.00	180.00	0.37	0.99
DR1	60.00	62.00	0.39	0.61	DR1	180.00	182.00	0.38	1.22
DR1	62.00	64.00	0.43	0.98	DR1	182.00	184.00	0.36	1.25
DR1	64.00	66.00	0.22	0.57	DR1	184.00	186.00	0.34	1.19
DR1	66.00	68.00	0.40	0.97	DR1	186.00	188.00	0.70	1.43
DR1	68.00	70.00	0.13	0.91	DR1	188.00	190.00	0.42	1.33
DR1	70.00	72.00	0.39	0.95	DR1	190.00	192.00	0.72	2.00
DR1	72.00	74.00	0.27	0.54	DR1	192.00	194.00	0.43	1.27
DR1	74.00	76.00	0.51	1.11	DR1	194.00	196.00	0.76	1.73
DR1	76.00	78.00	0.30	0.58	DR1	196.00	198.00	1.19	2.15
DR1	78.00	80.00	0.23	0.60	DR1	198.00	200.00	0.59	1.50
DR1	80.00	82.00	0.32	0.74	DR1	200.00	202.00	1.28	3.28
DR1	82.00	84.00	0.17	0.36	DR1	202.00	204.00	1.02	4.61
DR1	84.00	86.00	0.23	0.65	DR1	204.00	206.00	0.39	2.05
DR1	86.00	88.00	0.16	0.40	DR1	206.00	208.00	1.38	6.54
DR1	88.00	90.00	0.30	0.94	DR1	208.00	210.00	8.74	16.00
DR1	90.00	92.00	0.16	0.46	DR1	210.00	212.00	3.67	7.74
DR1	92.00	94.00	0.32	0.77	DR1	212.00	214.00	4.70	11.20
DR1	94.00	96.00	0.31	1.01	DR1	214.00	216.00	7.76	58.50
DR1	96.00	98.00	0.26	0.62	DR1	216.00	218.00	17.20	30.40
DR1	98.00	100.00	0.26	0.77	DR1	218.00	220.00	14.20	18.30
DR1	100.00	102.00	0.33	0.62	DR1	220.00	222.00	23.90	44.20
DR1	102.00	104.00	0.49	0.79	DR1	222.00	224.00	17.10	28.30
DR1	104.00	106.00	0.23	0.85	DR1	224.00	226.00	17.20	29.50
DR1	106.00	108.00	0.69	1.59	DR1	226.00	228.00	9.40	22.30
DR1	108.00	110.00	0.25	1.26	DR1	228.00	230.00	5.36	8.88
DR1	110.00	112.00	0.13	0.22	DR1	230.00	232.00	4.22	13.30
DR1	112.00	114.00	0.01	0.33	DR1	232.00	234.00	0.05	0.76
DR1	114.00	116.00	0.11	0.46	DR1	234.00	236.00	-0.02	0.16
DR1	116.00	118.00	0.21	0.61	DR1	236.00	238.00	0.46	1.20

DR1	118.00	120.00	0.07	0.58	DR1	238.00	240.00	0.05	0.22

Hole_ID	From	To	Avg Mag	Peak Mag	Hole_ID	From	To	Avg Mag	Peak Mag
DR1	240.00	242.00	0.01	0.30					
DR1	242.00	244.00	0.30	1.47					
DR1	244.00	246.00	0.06	0.63					
DR1	246.00	248.00	0.19	0.61					
DR1	248.00	250.00	0.36	1.15					
DR1	250.00	252.00	0.77	2.75					
DR1	252.00	254.00	0.35	0.67					
DR1	254.00	256.00	0.20	0.44					
DR1	256.00	258.00	0.30	0.60					
DR1	258.00	260.00	0.12	0.37					
DR1	260.00	262.00	0.49	1.08					
DR1	262.00	264.00	0.57	1.40					
DR1	264.00	266.00	0.79	5.59					
DR1	266.00	268.00	0.27	0.79					
DR1	268.00	270.00	0.33	0.60					
DR1	270.00	272.00	0.36	0.63					
DR1	272.00	274.00	0.17	0.67					
DR1	274.00	276.00	0.60	1.75					
DR1	276.00	278.00	2.30	14.30					
DR1	278.00	280.00	2.06	5.57					
DR1	280.00	282.00	1.04	3.31					
DR1	282.00	284.00	1.39	2.04					
DR1	284.00	286.00	0.54	1.89	`				
DR1	286.00	288.00	1.11	1.84					
DR1	288.00	290.00	4.52	12.60					
DR1	290.00	292.00	1.18	3.12					
DR1	292.00	294.00	1.11	4.94					
DR1	294.00	296.00	0.41	0.80					
DR1	296.00	298.00	1.67	5.31					
DR1	298.00	300.00	1.63	5.11					
DR1	300.00	302.00	0.55	1.13					
DR1	302.00	304.00	0.77	2.73					
DR1	304.00	306.00	0.15	0.48					
DR1	306.00	308.00	0.39	1.05					
DR1	308.00	310.00	0.91	1.55					
DR1	310.00	312.00	5.10	13.40					
DR1	312.00	314.00	0.23	0.51					
DR1	314.00	316.00	0.22	0.50					
DR1	316.00	318.00	10.10	13.70					
DR1	318.00	320.00	8.60	15.40					
DR1	320.00	322.00	18.20	27.30					
DR1	322.00	324.00	13.40	25.20					
DR1	324.00	326.00	14.40	19.10					
DR1	326.00	328.00	13.40	19.30					
DR1	328.00	330.00	14.30	20.10					
DR1	330.00	332.00	11.00	20.40					
DR1	332.00	334.00	8.27	17.20					
DR1	334.00	336.00	43.20	159.00					
DR1	336.00	337.40	9.09	21.10					
		EOH							

Project	Prospect	Hole_ID	From	To	Spl_Id	Au_ppm	Ag_ppm	Cu_ppm
Tas Porphyry	Powerful	DR1	232	233	129833	0.013	0.62	3420
Tas Porphyry	Powerful	DR1	233	234	129834	0.008	0.45	1795
Tas Porphyry	Powerful	DR1	234	235	129835	0.001	0.22	511
Tas Porphyry	Powerful	DR1	235	236	129836	0.009	0.33	1025
Tas Porphyry	Powerful	DR1	236	237	129837	0.034	0.94	606
Tas Porphyry	Powerful	DR1	237	238	129838	0.195	2.03	424
Tas Porphyry	Powerful	DR1	238	239	129839	0.018	0.46	147.5
Tas Porphyry	Powerful	DR1	239	240	129840	0.0005	0.44	515
Tas Porphyry	Powerful	DR1	240	241	129841	0.001	0.38	175
Tas Porphyry	Powerful	DR1	241	242	129842	0.007	0.55	1125
					SUM	0.02865	0.642	974.35
			from 232m		10m @	0.03g/t	0.64g/t	0.10%

Summary Drill Log and Header — Pluton Resources Ltd.

PROJECT:	Tas Porphyry		**HOLE NO:**	**DR2**		**DRILL TYPE:**		Diamond
PROSPECT:	Powerful		DATE COMMENCED:	**17/05/2007**		**DRILLER:**		Almac Drilling
EL:	14/2006		DATE COMPLETED:	**12/06/2007**		LOGGED BY:		John McD
EASTING	427800	+-50m	**TOTAL DEPTH (m):**	**428**		DATE:		7/09/2007
NORTHING	5397750	AGD66	**AZIMUTH:**	**294**		OXIDATION	BOPO:	9.0
COLLAR RL:	510	25k map	**DIP:**	**-60**			BOCO:	3.6

Drilling details

Core Size	From	To
PQ		
HQ	0.00	41.00
NQ	41.00	428.00
BQ		

Comments

Hole designed to test weak K-band radiometric anomalism bordering a pronounced aeromagnetic bulls-eye high, south of Lorinna. This bulls-eye high had been tested by an RC hole drilled by Shell in the early 1980's which passed throught the Tertiary Basalt into Precambrian Schist, a conclusive explanation of the magnetic anomaly was not determined and so an angled deeper hole was chosen. Zones of sulphides with weak Cu anomalism with a notable Au, Ag, Bi, Co, Te, Sn, W + Mn and peripheral Mo may be indicative of alteration associated with a structure tapping porphyry derived fluids but the magnetics is still likely to be due to the basalt source

Significant Intervals:

Hole_ID	From	To	Interval
DR2	90.00	98.00	8m @ 0.06% Cu, 0.27g/t Au, 149ppm Co, 0.59g/t Ag
DR2	90.00	91.00	1m @ 1.96 g/t Au, 0.09% Cu, 1.45g/t Ag and 145ppm Co
DR2	128.00	134.00	6m @ 55ppm Mo
DR2	138.00	152.00	14m @ 0.02% Cu
DR2	256.00	260.00	4m @ 0.04% Cu

Summary Log

From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	57.95	Tb	Tertiary Basalt - vesicular, massive and occasional calcite/zeolite veining
57.95	70.80	Ts	Poorly consolidated friable dark brown Tertiary mudstone
70.80	91.30	pC	Brecciated Precambrian strongly foliated schist
91.30	98.00	pC	Haematite-pyrite rich brecciated Precambrian schist, including massive specular haematite veins with 10-15% py clots and chloritic selveges *
98.00	244.30	pC	Strongly broken, weakly brecciated, strongly foliated Precambrian schist with pyrite as dissems and in foliation, some haematitic zones
244.30	259.70	pC/Cg	Precambrian metamorphics with small dykes of potassically altered granite
259.70	266.50	Cg	Variably potassic-chlorite-sericite-silica altered quartz-plagioclase-hornblende>biotite and k-feldspar granite
266.50	272.75	Cg	Haematite and quartz veined granite
272.75	428.00	Cg	Variably potassic-chlorite-sericite-silica altered quartz-plagioclase-hornblende>biotite and k-feldspar granite

Down Hole Surveys - Pluton Resources									
Hole_ID	Depth	Azimuth	Dip	ID	Mag_azm	Type	Verified	Comment	Date
DR2	0	294	-60		280	2	N	Check Az	17/05/2007
DR2	50	294	-60		280	1	Y		18/05/2007
DR2	100	284	-60		270	1	Y		21/05/2007
DR2	150	311	-60		297	1	Y		
DR2	200	289	-60		275	1	Y		
DR2	250	289	-60		275	1	Y		28/05/2007
DR2	300	285	-59.75		271	1	Y		
DR2	350	294	-59.5		280	1	Y		31/05/2007
DR2	400	302.5	-58.75		288.5	1	Y		

Pluton Resources Detailed Drill Log

Hole Number		DR2	Sheet No	1				Mineralisation / Alteration and additional descriptors																											
INTERVAL		ROCK CODES		Alteration summary				Pyrite		Chalco		Haem		Magnet		Potassic K-feldspar		Chloritic		Sericitic		Haematitic		T'maline		QVN	Other minerals / texture / colour								**Full description: including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour	
0.00	57.95	Tb	LMB				T																										w	4A	Tertiary Basalt - vesicular, massive and occasional calcite/zeolite veining
57.95	70.80	Ts	SMDST																														w	4Br	Poorly consolidated friable dark chocolate brown Tertiary mudstone, possibly lake sediments
70.80	86.50	pC	MUSED					D	1											P	w												s	2A	Strongly foliated and fractured medium and light grey striped fine grained "schist"
86.50	88.70	pC	OHBX					D	0.1																								s	3A	Breccia of precambrian "schist" consisting of dark angular clasts to 4cm in a fine soft light grey matrix, possibly sericite altered
88.70	91.30	pC	MUSED					Vn	1			Vn	0.5																				s	4A>2A	Dark>light grey schist with one pyrite-haematite-chlorite vein with pyrite clots
91.30	98.00	pC	MUSED	HEM				Sp	10			Vn	30									Vn	s										w	4R-3Gr	Massive haematite veins with subordinate clots of pyrite in medium green brecciated Precambrian schist, including massive specular haematite veins to 60cm and locally 60% haematite and 30% pyrite and **chloritic selveges**
98.00	106.60	pC	OHBX	Chl	KSP			D	3			Vn	3			Sp	w/m	P	m			Vn	w			w							m	4Gr	Dark green pervasive chlorite altered brecciated "schist" with weak patches and clots of potassic alteration, sparsely quartz>haematite>pyrite veined possibly with some intrusive porphyry like material?
106.60	137.00	pC	MUSED	Ser	Chl			Vn	2									SP	w/m	Sp	w												m/s	4A	Dark grey foliated fine Precambrian "schist" with occasional haematite veins nearer last interval, pyrite veins in foliation, weak zones of sericite alteration and chloritisation of brecciated portions of interval
137.00	149.00	pC	MUSED	KSP				Vn	1							P	w/m																m	1Br-3A	Light orange-brown and darker grey strongly foliated "schist" with pervasive potassic (light brown) alteration, strongest in breccia zones
149.00	157.70	pC	MUSED		KSP			Vn	1							SP	vw																m/s	4A	Dark grey moderately-strongly foliated fine Precambrian "schist" with 1% pyrite as veins in the foliation. Small 5cm dykes of orthoclase and quartz rich granite occur at 153.6 and 155.4 with associated weak potassic haloes
157.70	159.90	pC	MUSED	Ser	KSP			Vn	0.5																								s	2Gr/A-4A	Light green and dark grey striped strongly foliated fine Precambrian "schist", possibly a mudstone protolith, weak chlorite veinlets sub-parallel to long core axis
159.90	175.50	pC	MUSED					Vn	1			Sp	0.1																				m/s	2Br-4A	Tan-dark grey fine grained foliated Precambrian "schist", vein pyrite 1% in foliation with occasional clots, probable mudstone precursor
175.50	182.50	pC	MUSED	HEM				Vn	3			Vn	3																				w	4A>4O	Haematite-pyrite veined dark grey>dark orange foliated fine grained Precambrian "schist"
182.50	195.85	pC	MUSED					Vn	0.5																								m	4A-5Br	Dark fine grained Precambrian "schist" with fine quartz <1mm, with occasional 10cm hydrothermal breccia zones typically with a rubbly broken appearence, weak late potassic alteration approaching dyke down hole
195.85	196.05	Cg	IFGRAN	Chl	Ser	KSP																											w	2Gr-2P	Light green and pink granite, consisting of 10-15% quartz, 40-45% zoned green plagioclase, chloritised mafics probably hornblende>biotite ~20% and ~25% interstitial pink K-feldspar (orthoclase) which may be an alteration product
196.05	210.00	pC	MUSED	Ser	HEM			Sp	0.2			Vn	0.5																				w/m	4A-2Gr	Dark grey and pale green foliated spotted Precambrian "schist" and minor breccia zones, potassic alteration approaching up hole contact with dyke and sericite and increasing haematite approaching dyke on down hole contact, trace cpy at 207m
210.00	210.30	Cg	IFGRAN	KSP	Chl																												w	3O/P>4A	Banded fine grained aplite and coarse granite, quartz and K-feldspar rich, hard crystalline brown mineral in qtz vein with tan streak, possibly sphalerite or cassiterite
210.30	216.00	pC	MUSED	HEM								Vn	5														Ci	Vn	0.2				w	3Gr-4A	Dark grey to medium green-grey fine weakly spotted and foliated precambrian "schist", haematite veined (m) and rare calcite veinlets

Pluton Resources Detailed Drill Log

Hole Number	DR2	Sheet No	2

Mineralisation / Alteration and additional descriptors

INTERVAL FROM (m)	INTERVAL TO (m)	ROCK CODES Strat Code	ROCK CODES Rock type	Alteration summary Primary Altn	Alteration summary 2nd Altn	Alteration summary 3rd Altn	Alteration summary Weathering	Pyrite Style	Pyrite Amount %	Chalco Style	Chalco Amount %	Haem Style	Haem Amount %	Magnet Style	Magnet Amount %	Potassic K-feldspar Style	Potassic K-feldspar Amount (WMS)	Chloritic Style	Chloritic Amount (WMS)	Sericitic Style	Sericitic Amount (WMS)	Haematitic Style	Haematitic Amount (WMS)	T'maline Style	T'maline Amount (WMS)	QVN Amount (WMS)	Other minerals / texture / colour Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour	**Full description:** **including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets
216.00	226.85	pC	MUSED					Vn	1.5							SP	vw																w/m	4A-5A	Dark grey-green fine-very fine grained foliatied Precambrian schist with sparse pyrite clots as veins in foliation, occasionally spotted with brown mineral with a light brown streak (sphalerite?), weak semi-pervasive potassic alteration with dykes of K-feldspar rich granite at 220.4 (5cm) and 220.6(3cm)
226.85	227.70	pC	OHBX					D	2	Sp	0.1	Sp	0.5																				m	3Gr-4A	Brecciated Precambrian pale grey-green schist clasts in a dark grey-black and olive green matrix, angular clasts typically 1-4cm but up to 12cm, very weak patchy haematite alteration in matrix, minor py 1-2%, faulted down hole contact with gouge
227.70	236.30	pC	MUSED	HEM				D	0.3	Sp	0.05																						m/s	3A-4A	Medium to dark grey strongly foliated fine grained Precambrian "schist", haematite increasing approaching dyke down hole with up to 0.5% cpy in this zone
236.30	236.60	Cg	IFGRAN	KSP																													w	P-2A	Pink- light green granite consisting of quartz-plagioclase-orthoclase (alteration?) and sericitised dyke margins and possible sphalerite clot on one margin
236.60	242.80	pC	MUSED					Vn	0.5	Sp	0.01																						w/m	4A-4Gr	Dark grey-green foliated and spotted (hornfels spotting) Precambrian "schist", potassic alteration extends 30cm into this interval away from up hole contact with dyke, vein and disseminated pyrite in foliation 1%
242.80	243.55	Cg	IFPEG																														w	P-2Gr	Pink coarse grained granite/pegmatite intruded parallel to main foliation in Precambrian "schist", K-feldspar>quartz and 30% light green-yellow-tan silicate (possibly plagioclase), multiple quartz-chlorite-pyrite veinlets at low angle to LCA, <1% chlorite after biotite?, maximum dip of ~30 degrees
243.55	244.60	pC	MUSED					Vn	0.2	Vn	0.01																						m	3A-4A	Medium to dark grey spotted/foliated Precambrian "schist" with very fine sub 1mm white fleck, trace pyrite in foliation>>cpy
244.60	244.95	Cg	IFPEG																														w	P	Pink coarse grained pegmatite, K-feldspar to 2cm>quartz> interstitial olive green and dark green minerals, orthoclase has granophyric looking wavy intergrowths?
244.95	248.00	pC	MUSED	Ser	KSP			Vn	0.2							SP	vw			P	w/m						Ci	Vn	0.2				m/s	3A-1Gr	Med grey-pale green foliated and probably hornfels spotted Precambrian "schist" with pyrite in foliation and sericite alteration approaching the down hole contact
248.00	248.50	Cg	IFGRAN	Ser	KSP	Chl										P	w	Vn	w	P	m/s												m	P-2A	Light green and pink granite, qtz<k-feldspar with strong pervasive sericite alteration>potassic alteration (or primary orthoclae) and minor chlorite veining
248.50	253.50	pC	MUSED	KSP	Ser			Vn	1							SP	w			SP	w												m	4A	Dark grey>light orange foliated and spotted (hornfelsed) Precambrian "schist" with semi-pervasive sericite alteration near up hole contact and semi-pervasive potassic alteration near down hole contact, trace spotting of dark brown mineral with light brown streak
253.50	255.70	Cg	IFGRAN					Vn	0.2	Vn	0.01					P	w			Rp	w												w	3Gr-2P-C	Pink and med-dark green potasic and probably silica altered nearly porphyritic granite, 15% larger quartz to10mm and ~15% finer quartz, 5-7% chloritised mafics, yellowish-green and cream (replaced) plagioclase 40%
225.70	259.70	pC	MUSED	KSP	Chl	Ser		Sp	2	Sp	0.2					Bnd	m																m/s	3P-4Gr	Dark green and pink foliated and weakly spotted Precambrian "schist" with strong k-feldspar alteration developed as bands in the foliation, clots of pyrite and rare clots of chalcopyrite in the foliation
259.70	272.75	Cg	IFGRAN	HEM	Chl	Ser						Vn	3			P	w	Rp	w/m	Rp	w/m												w	3O-2/3Gr	Granite with irregular up hole contact, typically 30% large quartz, 15% ferromagnesian minerals (always replaced), 25 % plagioclase (yellowish green) and 25-30% orange-pink K-feldspar, heametite veined (w-m) with one large quartz-haematite vein (266.8m), pink K-feldspar replacing plagioclase in more orange coloured zones, chlorite and sericite developed strongly around some haematite veins (replacing plagioclase as well as ferromagnesian phases) also haematite replacing K-feldspar in strongest haematite-calcite veined zone
272.75	300.70	Cg	IFGRAN	KSP	Chl									Vn	0.1	P	m	Rp	w/m	Rp	w												w	3O	Pinkish orange granite, typically 20% large quartz, 15-20% ferromagnesian minerals (replaced by chl), 25 % plagioclase (yellowish green) and 30-35% orange-pink K-feldspar and occasional chlorite and haematite veins (279.5-282), rare magnetite veinlets eg:276m, pevasive mod and strong K-feldspar alteration
300.70	309.90	Cg	IFGRAN	Sil	KSP	Chl										SP	w	Rp	w/m														w	W-1Gr-N	White to pale green and black flecked granite, variably silica altered, occasionally swamped (white) with only remenant crystal patches, same original composition as previous interval K-Feldspar>Plag>Quartz>ferromags
309.90	324.70	Cg	IFGRAN	KSP	Chl											P	w/m	Rp	w/m														w	P>3Gr	Pink - green granite, variably K-feldspar altered, chloritic replacement of ferromagnesian phase and zoned plagioglase with lighter rims, tiny trace of moly on one fracture, trace py in other fractures, K-Feldspar35>Plag30%>Quartz20%> chlorite replaces ferromagnesian minerals ~15%
324.70	326.60	Cg	IFGRAN	Ser																Rp	m/s												w	3Gr	Green pink and white granite, strongly sericite altered (replacing plagioclase), typically quartz 30% = K-Feldspar 30% > Plagioclase 25% > chloritised ferromanesian phases 15%

Pluton Resources Detailed Drill Log

Hole Number		DR2	Sheet No	3	Mineralisation / Alteration and additional descriptors																														**Full description:** **including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets
INTERVAL		ROCK CODES		Alteration summary				Pyrite		Chalco		Haem		Magnet		Potassic K-feldspar		Chloritic		Sericitic		Haematitic		T'maline		QVN	Other minerals / texture / colour								
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour	
326.60	393.70	Cg	IFGRAN	KSP	Chl	Sil								Vn	0.1	P	w/m	Rp	w/m														w	3O-3Gr-C-N	Pinkish-orange and dark green K-feldspar altered granite with chloritised ferrromagnesian crystals and zoned (green core and cream rimmed) plagioclase, composition typically 20-35% quartz, 30-35% K-feldspar, 20-25% plagioclase and 15% ferromagnesian minerals, occasional narrow aplite dykes at low angle to LCA, also tan silicate alteration 342m to 344.5, darker green zones have stromger chlorite alteration and medium green plagioclase
393.70	406.55	Cg	IFGRAN	Sil	KSP											P	w																w	W-N-P	Black and white/cream granite with quartz 35%, K-Feldspar 25%, plagioclase 30%, weakly chloritic ferromagnesian phases 20%, weakly K-feldspar altered and possibly weakly silicified
406.55	407.40	Cg	IFGA	KSP												SP	m																w	P-C-W	Pink (k-feldspar) and cream (silicate) dominated granite with considerably less ferromagnesian minerals (3%) almost pegmatitic in part, possibly an aplite before recrystallisation, minor chl veins
407.40	421.50	Cg	IFGRAN	Sil	KSP	Ser										P	w	Rp	vw	Rp	vw												w	3O-3Gr-C-N	Granite with apparent K-feldspar alteration, K-feldspar 30%, quartz 30%, plagioclase 20-25%, partially chloritised ferromags 15-20% and occasionally sericiitsed plagioclase
421.50	423.80	Cg	IFGA	KSP												SP	m																w/m	P-C-W	K-Feldspar altered aplite (crystals to 4mm max), K-Feldspar 50-60%, remainder quartz and 2-3% ferromags
423.80	427.60	Cg	IFGRAN	KSP	Sil	Chl										P	w	Rp	w														w	3O-3Gr-W	Granite with apparent K-feldspar alteration, K-feldspar 30%, quartz 30%, plagioclase 20-25%, chloritised ferromags 15-20%
427.60	427.80	Cg	IFGA	KSP												P	m																w	3O-P	K-Feldspar altered aplite (crystals to 4mm max), K-Feldspar 50-60%, remainder quartz and sericitised ferromags/plagioclase
427.80	428.00	Cg	IFGRAN	Ser	KSP	Chl										P	w	Rp	w	Rp	s												w	3O-3Gr-W	Granite with strong sericite alteration near contact with aplite dyke up hole, K-feldspar 30%, quartz 30%, plagioclase 25%, chloritised ferromags 15%
	EOH																																		

Down Hole Structural Log - Pluton Resources								
Hole_ID	At	Alpha angle (deg from LCA)	Beta angle (deg from BDC)	Structure_type	Comments	Azimuth (True)	Dip	Struc_ID
DR2	142.6	35	100	fol	Main foliation in pC schist			
DR2	142.7	32	105	fol	Pyrite in main foliation			
DR2	213.6	25	15	Vn	2-4mm haematie vein, cuts foliation			
DR2	213.7	35	290	fol	1mm haematite veinlet in main foliation			
DR2	213.9	35	290	fol	main foliation (1-4mm microlithons)			
DR2	214.4	7	200	Vn	1-3mm haematite veinlet cutting main foliation			
DR2	214.9	38	290	fol	main foliation (haematitic)			
DR2	215.7	34	289	fol	Pyrite in main foliation			
DR2	220.4	55	305	contact	uphole contact of narrow K-feldspar altered granite dyke			
DR2	220.45	60	295	contact	downhole contact of narrow K-feldspar altered granite dyke			
DR2	220.5	25	110	fol	main foliation			
DR2	220.6	65	280	dyke	3cm K-feldspar rich granitic dyke			
DR2	229	40	100	fol	main foliation in schist			
DR2	242.8	30	150	contact	up hole pegmatite contact with schist			
DR2	243.55	50	180	contact	down hole pegmatite contact with schist, flat lying?			
DR2	244.6	35	140	contact	up hole pegmatite (K-Felds and quartz)contact with schist parallel to foliation			
DR2	244.95	35	142	contact	down hole pegmatite contact with schist, low angle dip?			
DR2	245	35	142	fol	main foliation in schist			
DR2	248	35	50	fol	main foliation in sericitised schist			
DR2	250.2	35	160	fol	pyrite and K-Feldspar in main foliation of schist			
DR2	253.5	60	150	Vn	3mm chlorite vein in granite			
DR2	266.8	20	280	Vn	4cm quartz-haematite vein			
DR2	267.8	20	220	Vn	3mm haeamatite vein in granite			
DR2	260.5	60	125	Vn	carbonate-chlorite vein, possibly pre K-feldspar alteration?			
DR2	268.9	20	240	Vn	chlorite-haematite vein 2mm			
DR2	281.7	65	160	Vn	chlorite vein 3mm			
DR2	335.9	10	80	Fr	sericitic fracture			
DR2	350.4	40	230	Vn	3mm calcite vein in granite			
DR2	368	20		dyke	post granitic K-Feldspar dyke			
DR2	382	5		dyke	post granitic K-Feldspar dyke			
DR2	384.1	35	350	fr	Chlorite coated fracture			
DR2	389.2	30	45	fr	clean fracture			
DR2	389.25	35	285	fr	clean fracture			
DR2	389.35	40	340	Vn	3mm carbonate vein			
DR2	389.45	55	90	Vn	2mm chlorite-carbonate vein			
DR2	392.45	5	35	Vn	1mm chlorite vein			
DR2	398.3	30	295	fr	clean fracture			
DR2	399.3	30	295	fr	clean fracture			
DR2	403.35	30	275	Vn	4mm carbonate vein, chlorite selvedge			
DR2	406.3	30	285	Vn	clean fracture			
DR2	407.1	55	170	Vn	2mm chlorite vein, K-feldspar selvedge			
DR2	407.2	55	170	Vn	2mm chlorite vein, K-feldspar selvedge			
DR2	407.3	60	145	Vn	2mm chlorite vein, K-feldspar selvedge			
DR2	407.4	70	145	Vn	2mm chlorite vein, K-feldspar selvedge			
DR2	409.5	45	270	fr	Chlorite coated fracture			
DR2	416.1	32	45	Vn	chlorite veinlet			
DR2	422.75	45	275	fr	clean fracture			
DR2	422.85	50	100	fr	light green fault striae on fracture			
DR2	423	5	350	Vn	chhlorite veinlet			
DR2	427.8	15	130	contact	fine-med grained phase (aplite?) within granite			

Magnetic Susceptibility Log (all figures x 10-3 SI units) - Pluton Resources									
Hole_ID	From	To	Avg Mag	Peak Mag	Hole_ID	From	To	Avg Mag	Peak Mag
DR2	0.00	2.00	missing		DR2	120.00	122.00	0.09	0.13
DR2	2.00	3.60	missing		DR2	122.00	124.00	0.03	0.15
DR2	3.60	6.00	4.51	7.15	DR2	124.00	126.00	0.21	0.30
DR2	6.00	8.00	4.81	6.78	DR2	126.00	128.00	Broken Up	Broken Up
DR2	8.00	10.00	4.48	5.76	DR2	128.00	130.00	0.17	0.47
DR2	10.00	12.00	4.53	5.32	DR2	130.00	132.00	0.24	0.60
DR2	12.00	14.00	3.80	5.32	DR2	132.00	134.00	0.27	0.41
DR2	14.00	16.00	5.24	6.08	DR2	134.00	136.00	0.16	0.34
DR2	16.00	18.00	5.03	6.68	DR2	136.00	138.00	0.20	0.55
DR2	18.00	20.00	4.17	5.34	DR2	138.00	140.00	0.18	0.70
DR2	20.00	22.00	3.44	4.77	DR2	140.00	142.00	0.26	0.48
DR2	22.00	24.00	2.83	3.52	DR2	142.00	144.00	0.16	0.35
DR2	24.00	26.00	2.33	3.10	DR2	144.00	146.00	0.15	0.27
DR2	26.00	28.00	2.02	2.83	DR2	146.00	148.00	0.04	0.17
DR2	28.00	30.00	2.09	2.97	DR2	148.00	150.00	0.03	0.11
DR2	30.00	32.00	4.03	4.48	DR2	150.00	152.00	0.20	0.37
DR2	32.00	34.00	4.70	5.61	DR2	152.00	154.00	0.19	0.32
DR2	34.00	36.00	4.44	5.04	DR2	154.00	156.00	0.18	0.31
DR2	36.00	38.00	4.50	5.59	DR2	156.00	158.00	0.08	0.25
DR2	38.00	40.00	4.71	5.44	DR2	158.00	160.00	0.12	0.37
DR2	40.00	41.00	5.46	6.68	DR2	160.00	162.00	0.15	0.44
DR2	42.00	44.00	4.82	5.61	DR2	162.00	164.00	0.18	0.27
DR2	44.00	46.00	5.90	6.18	DR2	164.00	166.00	0.08	0.21
DR2	46.00	48.00	6.08	7.26	DR2	166.00	168.00	0.26	0.53
DR2	48.00	50.00	6.78	9.11	DR2	168.00	170.00	0.12	0.25
DR2	50.00	52.00	5.59	6.53	DR2	170.00	172.00	0.21	0.35
DR2	52.00	54.00	5.14	6.27	DR2	172.00	174.00	0.23	0.38
DR2	54.00	56.00	9.23	12.50	DR2	174.00	176.00	0.17	0.33
DR2	56.00	58.00	14.70	21.20	DR2	176.00	178.00	0.09	0.14
DR2	58.00	60.00	0.16	0.78	DR2	178.00	180.00	0.19	0.29
DR2	60.00	62.00	0.47	0.86	DR2	180.00	182.00	0.34	0.54
DR2	62.00	64.00	0.52	0.67	DR2	182.00	184.00	0.28	0.43
DR2	64.00	66.00	0.42	0.64	DR2	184.00	186.00	0.33	0.39
DR2	66.00	68.00	0.40	0.65	DR2	186.00	188.00	0.24	0.34
DR2	68.00	70.00	0.47	0.98	DR2	188.00	190.00	0.35	0.37
DR2	70.00	72.00	0.99	1.81	DR2	190.00	192.00	0.25	0.31
DR2	72.00	74.00	Broken up	Broken up	DR2	192.00	194.00	0.30	0.67
DR2	74.00	76.00	Broken up	Broken up	DR2	194.00	196.00	0.18	0.29
DR2	76.00	78.00	0.20	0.20	DR2	196.00	198.00	0.17	0.31
DR2	78.00	80.00	Broken up	Broken up	DR2	198.00	200.00	0.20	0.27
DR2	80.00	82.00	0.13	0.16	DR2	200.00	202.00	0.28	0.38
DR2	82.00	84.00	0.14	0.21	DR2	202.00	204.00	0.29	0.44
DR2	84.00	86.00	0.17	0.34	DR2	204.00	206.00	0.20	0.32
DR2	86.00	88.00	0.18	0.37	DR2	206.00	208.00	0.22	0.42
DR2	88.00	90.00	Broken up	Broken up	DR2	208.00	210.00	0.29	0.35
DR2	90.00	92.00	1.79	3.07	DR2	210.00	212.00	0.20	0.30
DR2	92.00	94.00	1.13	1.63	DR2	212.00	214.00	0.26	0.39
DR2	94.00	96.00	1.03	1.93	DR2	214.00	216.00	0.24	0.36
DR2	96.00	98.00	0.96	1.49	DR2	216.00	218.00	0.26	0.51
DR2	98.00	100.00	0.23	0.37	DR2	218.00	220.00	0.26	0.62
DR2	100.00	102.00	0.28	0.53	DR2	220.00	222.00	0.22	0.30
DR2	102.00	104.00	0.28	0.65	DR2	222.00	224.00	0.17	0.29
DR2	104.00	106.00	0.30	0.42	DR2	224.00	226.00	0.16	0.22
DR2	106.00	108.00	Broken up	Broken up	DR2	226.00	228.00	0.22	0.50
DR2	108.00	110.00	0.36	0.64	DR2	228.00	230.00	0.32	0.43
DR2	110.00	112.00	Broken up	Broken up	DR2	230.00	232.00	0.22	0.31
DR2	112.00	114.00	0.15	0.50	DR2	232.00	234.00	0.39	0.51
DR2	114.00	116.00	0.18	0.31	DR2	234.00	236.00	0.49	1.01
DR2	116.00	118.00	0.10	0.14	DR2	236.00	238.00	0.20	0.35
DR2	118.00	120.00	Broken up	Broken up	DR2	238.00	240.00	0.27	0.35

Hole_ID	From	To	Avg Mag	Peak Mag	Hole_ID	From	To	Avg Mag	Peak Mag
DR2	240.00	242.00	0.29	0.48	DR2	354.00	356.00	4.88	9.40
DR2	242.00	244.00	0.29	0.41	DR2	356.00	358.00	3.77	7.41
DR2	244.00	246.00	0.21	0.62	DR2	358.00	360.00	3.87	8.43
DR2	246.00	248.00	0.21	0.38	DR2	360.00	362.00	1.08	4.20
DR2	248.00	250.00	0.12	0.32	DR2	362.00	364.00	3.60	7.00
DR2	250.00	252.00	0.22	0.35	DR2	364.00	366.00	0.94	5.13
DR2	252.00	254.00	0.13	0.34	DR2	366.00	368.00	1.75	7.92
DR2	254.00	256.00	0.01	0.44	DR2	368.00	370.00	1.04	1.99
DR2	256.00	258.00	0.02	0.32	DR2	370.00	372.00	3.04	8.12
DR2	258.00	260.00	0.18	0.66	DR2	372.00	374.00	2.71	8.61
DR2	260.00	262.00	0.26	0.70	DR2	374.00	376.00	4.73	12.10
DR2	262.00	264.00	0.21	0.42	DR2	376.00	378.00	1.94	5.63
DR2	264.00	266.00	0.30	1.11	DR2	378.00	380.00	3.60	9.84
DR2	266.00	268.00	0.20	0.77	DR2	380.00	382.00	2.94	5.05
DR2	268.00	270.00	0.33	1.13	DR2	382.00	384.00	2.35	5.23
DR2	270.00	272.00	0.23	0.67	DR2	384.00	386.00	4.20	8.93
DR2	272.00	274.00	0.37	0.92	DR2	386.00	388.00	0.41	1.95
DR2	274.00	276.00	2.04	7.57	DR2	388.00	390.00	0.17	0.86
DR2	276.00	278.00	0.54	1.24	DR2	390.00	392.00	0.30	1.66
DR2	278.00	280.00	0.24	1.09	DR2	392.00	394.00	0.56	2.47
DR2	280.00	282.00	0.20	0.42	DR2	394.00	396.00	0.33	0.75
DR2	282.00	284.00	1.28	4.48	DR2	396.00	398.00	0.28	0.84
DR2	284.00	286.00	4.09	8.90	DR2	398.00	400.00	1.11	3.44
DR2	286.00	288.00	4.23	8.06	DR2	400.00	402.00	0.34	0.98
DR2	288.00	290.00	1.18	5.00	DR2	402.00	404.00	1.01	2.12
DR2	290.00	292.00	0.33	0.73	DR2	404.00	406.00	0.35	0.78
DR2	292.00	294.00	0.38	0.98	DR2	406.00	408.00	0.26	1.97
DR2	294.00	296.00	0.55	4.24	DR2	408.00	410.00	0.34	0.75
DR2	296.00	298.00	0.19	1.24	DR2	410.00	412.00	0.21	0.51
DR2	298.00	300.00	0.20	1.00	DR2	412.00	414.00	0.34	2.12
DR2	300.00	302.00	0.48	0.96	DR2	414.00	416.00	0.13	0.97
DR2	302.00	304.00	0.41	0.92	DR2	416.00	418.00	0.24	0.65
DR2	304.00	306.00	0.64	2.06	DR2	418.00	420.00	0.11	0.42
DR2	306.00	308.00	0.59	1.13	DR2	420.00	422.00	0.13	0.49
DR2	308.00	310.00	0.85	1.70	DR2	422.00	424.00	0.03	0.23
DR2	310.00	312.00	0.61	2.04	DR2	424.00	426.00	0.16	0.96
DR2	312.00	314.00	0.56	1.57	DR2	426.00	428.00	0.23	0.80
DR2	314.00	316.00	0.86	2.32			**EOH**		
DR2	316.00	318.00	0.50	1.86					
DR2	318.00	320.00	0.69	1.70					
DR2	320.00	322.00	2.70	6.29					
DR2	322.00	324.00	0.52	1.05					
DR2	324.00	326.00	0.46	1.22					
DR2	326.00	328.00	0.73	1.22					
DR2	328.00	330.00	0.44	1.84					
DR2	330.00	332.00	0.78	2.26					
DR2	332.00	334.00	0.64	1.98					
DR2	334.00	336.00	0.31	1.70					
DR2	336.00	338.00	4.84	10.30					
DR2	338.00	340.00	5.60	12.00					
DR2	340.00	342.00	1.10	5.50					
DR2	342.00	344.00	0.26	0.98					
DR2	344.00	346.00	0.65	4.20					
DR2	346.00	348.00	4.03	10.20					
DR2	348.00	350.00	5.39	10.70					
DR2	350.00	352.00	7.54	15.10					
DR2	352.00	354.00	5.02	7.74					

Pluton Resources Ltd						Down hole whole rock data														
Project	Prospect	Hole_ID	From	To	Spl_Id	Al2O3 (%)	BaO (%)	CaO (%)	Cr2O3 (%)	Fe2O3 (%)	K2O (%)	MgO (%)	MnO (%)	Na2O (%)	P2O5 (%)	SiO2 (%)	SrO (%)	TiO2 (%)	Loi %	Lab Batch
Tas Porphyry	Five Mile Rise	DR2	275	276	152221	13	0.188	0.58	0.001	2.85	6.02	0.99	0.029	1.69	0.037	72.5	0.007	0.23	1.77	BR07104843
Tas Porphyry	Five Mile Rise	DR2	285	286	152222	12.8	0.156	0.98	0.001	3.1	5.32	1.18	0.041	2.14	0.043	72.3	0.012	0.23	1.67	BR07104843
Tas Porphyry	Five Mile Rise	DR2	295	296	152223	12.65	0.17	1.08	0.001	2.52	5.36	0.86	0.023	2.31	0.023	73.3	0.016	0.2	1.48	BR07104843
Tas Porphyry	Five Mile Rise	DR2	305	306	152224	12.95	0.133	1.6	0.001	1.43	3.09	0.93	0.032	3.64	0.038	74.3	0.022	0.19	1.57	BR07104843
Tas Porphyry	Five Mile Rise	DR2	315	316	152225	13	0.175	1.63	0.001	2.69	4.98	1.08	0.03	2.38	0.042	71.9	0.016	0.26	1.73	BR07104843
Tas Porphyry	Five Mile Rise	DR2	325	326	152226	12.6	0.112	0.56	0.001	4.19	5.1	1.06	0.153	0.133	0.024	72.4	0.001	0.2	2.7	BR07104843
Tas Porphyry	Five Mile Rise	DR2	335	336	152227	12.9	0.172	1.84	0.001	2.59	4.35	0.99	0.04	2.72	0.036	72.3	0.018	0.25	1.8	BR07104843
Tas Porphyry	Five Mile Rise	DR2	345	346	152228	12.95	0.142	0.94	0.001	3.34	5.21	1.12	0.033	2.21	0.033	72.2	0.008	0.22	1.54	BR07104843
Tas Porphyry	Five Mile Rise	DR2	355	356	152229	12.75	0.127	1.6	0.001	2.68	4.97	0.98	0.03	2.47	0.037	72.9	0.02	0.22	1.22	BR07104843
Tas Porphyry	Five Mile Rise	DR2	365	366	152230	13.05	0.086	1.62	0.001	2.62	4.14	1.09	0.01	2.76	0.027	72.9	0.009	0.21	1.31	BR07104843
Tas Porphyry	Five Mile Rise	DR2	375	376	152231	12.85	0.12	1.46	0.001	2.4	4.98	0.93	0.051	2.7	0.036	72.6	0.018	0.25	1.55	BR07104843
Tas Porphyry	Five Mile Rise	DR2	385	386	152232	12.8	0.112	1.28	0.001	2.79	4.83	1.14	0.059	2.65	0.033	72.5	0.013	0.23	1.54	BR07104843
Tas Porphyry	Five Mile Rise	DR2	395	396	152233	13	0.13	1.68	0.001	2.67	5.06	1	0.043	2.61	0.037	72.2	0.021	0.26	1.21	BR07104843
Tas Porphyry	Five Mile Rise	DR2	405	406	152234	12.85	0.13	2.05	0.001	2.45	4.76	0.87	0.052	2.72	0.038	72.7	0.022	0.26	1.11	BR07104843
Tas Porphyry	Five Mile Rise	DR2	415	416	152235	13	0.106	1.26	0.001	2.41	5.07	0.95	0.034	2.59	0.033	72.9	0.014	0.22	1.38	BR07104843
Tas Porphyry	Five Mile Rise	DR2	425	426	152236	12.8	0.102	1.36	0.001	2.5	5.26	1.12	0.059	2.36	0.032	72.2	0.008	0.22	1.94	BR07104843

Pluton Resources Ltd						Down hole rare earth assay data																
Project	Prospect	Hole_ID	From	To	Spl_Id	Ce (ppm)	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	La (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Th (ppm)	Tm (ppm)	U (ppm)	Y (ppm)	Yb (ppm)	Lab Batch
Tas Porphyry	Five Mile Rise	DR2	275	276	152221	84.8	4.1	2.5	1.1	5.0	0.8	42.3	0.4	30.3	8.2	5.6	0.8	24.0	0.4	4.6	25.1	2.8	BR07104843
Tas Porphyry	Five Mile Rise	DR2	285	286	152222	118.0	5.1	2.9	1.3	6.7	1.0	59.3	0.5	41.2	11.1	7.6	1.0	25.0	0.4	5.6	30.2	3.3	BR07104843
Tas Porphyry	Five Mile Rise	DR2	295	296	152223	160.5	6.0	3.4	1.5	8.1	1.2	81.3	0.5	54.3	14.9	9.5	1.2	37.0	0.5	7.4	37.0	3.5	BR07104843
Tas Porphyry	Five Mile Rise	DR2	305	306	152224	98.3	6.1	3.6	1.3	6.9	1.2	49.2	0.5	37.5	9.7	7.5	1.2	27.0	0.5	11.4	38.9	3.8	BR07104843
Tas Porphyry	Five Mile Rise	DR2	315	316	152225	143.0	5.4	3.4	1.4	7.0	1.1	75.3	0.5	48.8	13.3	8.2	1.1	29.0	0.5	8.0	35.7	3.7	BR07104843
Tas Porphyry	Five Mile Rise	DR2	325	326	152226	179.0	5.0	2.9	1.5	7.9	1.0	98.6	0.4	65.7	18.1	10.4	1.1	29.0	0.4	12.2	31.0	3.1	BR07104843
Tas Porphyry	Five Mile Rise	DR2	335	336	152227	145.5	5.2	3.0	1.4	7.2	1.0	74.4	0.4	49.4	13.4	8.4	1.0	29.0	0.4	9.3	32.6	3.1	BR07104843
Tas Porphyry	Five Mile Rise	DR2	345	346	152228	99.2	4.6	2.9	1.2	5.7	0.9	49.1	0.5	35.0	9.4	6.3	0.9	28.0	0.4	7.9	29.3	3.1	BR07104843
Tas Porphyry	Five Mile Rise	DR2	355	356	152229	121.5	6.8	4.0	1.3	7.7	1.4	59.5	0.6	44.5	11.7	8.5	1.3	29.0	0.6	7.8	43.7	4.4	BR07104843
Tas Porphyry	Five Mile Rise	DR2	365	366	152230	93.1	4.6	2.8	1.2	5.7	0.9	46.6	0.5	33.2	8.9	6.2	0.9	27.0	0.4	9.2	30.0	3.1	BR07104843
Tas Porphyry	Five Mile Rise	DR2	375	376	152231	116.0	5.8	3.5	1.3	7.0	1.2	57.4	0.5	42.0	11.1	7.6	1.1	30.0	0.5	8.1	37.4	3.8	BR07104843
Tas Porphyry	Five Mile Rise	DR2	385	386	152232	125.5	5.8	3.5	1.3	7.1	1.2	62.9	0.6	44.2	11.8	8.2	1.1	29.0	0.5	6.3	38.1	4.0	BR07104843
Tas Porphyry	Five Mile Rise	DR2	395	396	152233	135.0	6.1	3.6	1.3	7.6	1.2	66.5	0.5	47.9	12.7	8.8	1.2	29.0	0.5	5.7	39.6	3.8	BR07104843
Tas Porphyry	Five Mile Rise	DR2	405	406	152234	139.5	7.4	4.4	1.5	8.8	1.5	69.0	0.6	51.0	13.3	9.8	1.4	32.0	0.7	6.6	47.0	4.6	BR07104843
Tas Porphyry	Five Mile Rise	DR2	415	416	152235	130.0	5.7	3.4	1.3	7.4	1.2	64.9	0.6	46.4	12.5	8.4	1.1	30.0	0.5	8.9	37.8	4.0	BR07104843
Tas Porphyry	Five Mile Rise	DR2	425	426	152236	122.5	5.8	3.5	1.2	7.1	1.2	61.5	0.6	43.2	11.7	8.0	1.1	29.0	0.5	7.8	36.2	4.1	BR07104843

Summary Drill Log and Header — Pluton Resources Ltd.

PROJECT:	Tas Porphyry		**HOLE NO:**	**DR3**		**DRILL TYPE:**	Diamond	
PROSPECT:	Powerful		DATE COMMENCED:	**18/06/2007**		**DRILLER:**	Almac Drilling	
EL:	14/2006		DATE COMPLETED:	**6/07/2007**		LOGGED BY:	John McD	
EASTING	426980	+-50m	**TOTAL DEPTH (m):**	**411.7**		DATE:	2/10/2007	
NORTHING	5397480	AGD66	**AZIMUTH:**	**50**		OXIDATION	BOPO:	34.6
COLLAR RL:	260	25k map	**DIP:**	**-60**			BOCO:	6.8

Drilling details

Core Size	From	To
PQ		
HQ	0.00	34.00
NQ	34.00	411.70
BQ		

Comments

Hole designed to:- Test the (largely inferred) NW trending hematite mineralisation in the Powerful prospect by targeting the lode from further south on the south Lorinna Road and to test anomalism recorded across all 5 EM bands as well as in K-band radiometric data adjacent to the magnetic bullseye anomaly.

Significant Intervals:

Hole_ID	From	To	Interval
DR3	51.00	52.00	1m @ 1.39 g/t Au
DR3	102.00	103.00	1m @ 170ppm Mo
DR3	132.00	133.00	1m @ 0.2 g/t Au, 0.05% Cu, 2g/t Ag
DR3	194.00	195.00	1m @ 0.12% Co, 2.15g/t Ag, Te, Se association
DR3	239.00	240.00	1m @ 93.4ppm Mo
DR3	366.00	367.00	1m @ 0.56% Zn, 0.11% Pb

Summary Log

From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	29.30	Cg	Partially weathered biotite granite with weak-moderate K-feldspar alteration and replaced plagioclase and ferromagnesian phases
29.30	31.40	QVn	Quartz>Hematite>Pyrite vein
31.40	98.80	Cg	Orange K-Feldspar altered coarse grained equigranular biotite granite with ~30% large anhedral quartz grains
98.80	104.20	Cg	Hematite and magnetite veined biotite granite with strong K-feldspar alteration
104.20	209.00	Cg	K-feldsapr and silica altered xenolithic hornblende 'granodiorite' with <5% quartz, disseminated pyrite typically 0.5%, variable magnetite
209.00	411.70	Cg	Weakly-modereately potassically (K-feldspar) and propylitically (epidote, carbonate, chlorite) altered, commonly xenolithic hornblende 'granodiorite'

Down Hole Surveys - Pluton Resources									
Hole_ID	Depth	Azimuth	Dip	ID	Mag_azm	Type	Verified	Comment	Date
DR3	0	50	-60		36	2	N	Check Az	18/06/2007
DR3	50	51	-60.5		37	1	Y		19/06/2007
DR3	100	51.5	-60.5		37.5	1	Y		20/06/2007
DR3	150	51	-60		37	1	Y		
DR3	200	53	-60		39	1	Y	Az inferred	
DR3	250	55	-59.75		41	1	Y		25/06/2007
DR3	300	59	-59.25		45	1	Y		26/06/2007
DR3	350	59	-59.5		45	1	Y	Az inferred	
DR3	400	61	-60		47	1	N	No disc available, logged in drillers book	2/07/2007

Pluton Resources Detailed Drill Log

Hole Number	DR3	Sheet No	1

Mineralisation / Alteration and additional descriptors

Full description: **including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets

INTERVAL		ROCK CODES		Alteration summary				Pyrite		Chalco		Haem		Magnet		Potassic K-feldspar		Chloritic		Sericitic		Haematitic		T'maline		QVN	Other minerals / texture / colour							
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour
0.00	27.70	Cg	IFGRAN		KSP	Chl	W									P	vw	Rp	vw								Li	Vn	0.2				m	2O-C
27.70	29.30	Cg	IFGRAN	KSP	Chl		T									P	m	Rp	w														m	2O-2Gr
29.30	31.40	Cg	OVEIN	QVN			T	Vn	0.5			Vn	5													s							m	W
31.40	98.80	Cg	IFGRAN	KSP	Chl									D	0.1	P	m	Rp	w/m														w/m	3O-C-2Gr
98.80	104.20	Cg	IFGRAN	KSP	Hem	Chl						Vn	3	Vn	2	P	m	Rp	m			Vn	m			vw							m	3O>4Gr
104.20	132.20	Cg	IFGRAD	Chl	KSP	Ser		D	0.5					D	0.5	P	w/m	Rp	m	Rp	w												w/m	1/2A-1P
132.20	133.50	Cg	OVEIN	Hem	QVN			Vn	2			Vn	30	Vn	3											s							w/m	W-R
133.50	194.00	Cg	IFGRAD	KSP	Chl	Sil		D	0.2	Vn	0.01	Vn	0.1	D	0.5	P	w/m	Rp	w/m								Cb	Vn	0.1				w/m	3/4A>2P
194.00	195.35	Cg	IFGRAD	SQV	Chl	KSP		Vn	7			Vn	2	Vn	3	P	w/m	Sv	m/s							m							w/m	4Gr-W
195.35	200.75	Cg	IFGRAD	KSP	Sil	Chl		Vn	0.1							SP	s	Rp	m/s														w/m	3O-1Br
200.75	200.95	Cg	OVEIN	SQV	KSP			Vn	10									Vn	w							s							w	3Br/O-1A
200.95	205.80	Cg	IFGRAD	KSP	Sil	Chl		D	0.1							SP	m																w/m	2A-3O/P
205.80	209.00	Cg	IFGRAD	Sil				D	0.2																								w	1Gr-W-4A
209.00	241.80	Cg	IFGRAD	KSP	Prop	Cb		Vn	0.5					D	2	P	w/m	P	w/m							vw	Cb	Vn	2	Ep	Vn	1	w	4Gr-3P
241.80	256.80	Cg	IFGRAD	Chl	KSP			D	0.1					Vn	1	P	vw	Rp	w								Cb	Vn	0.2	Ep	Vn	0.1	w	C-2Gr-2P
256.80	259.00	Cg	IFGRAD		Prop			D	0.05																		Ep	Vn	0.2					1P-W-N
259.00	275.50	Cg	IFGRAD		Prop			D	0.1																		Ep	Vn	0.5					1P-W-N
275.50	280.75	Cg	IFGRAD	KSP	Prop			D	0.05							Sp	w										Ep	Vn	0.5	Cb	Vn	0.02		3A-2P

Light orange and cream mottled med-coarse granite, partly friable and moderately broken, quartz 20%, K-feldspar 40%, plagioclase 30% and 10% ferromagnesian minerals (dominantly biotite, possible hornblende) plagioclase crystals are zoned with a soft green core (probable sericite) and a soft cream rim, quartz slightly larger crystals to 8mm, plagioclase typically 2-5mm, biotite typically 3-4mm and partially chloritised, goethite and limonite on fractures probably after haematite veinlets.

Light orange and green med-coarse granite, moderately broken, quartz 20%, K-feldspar masked by K-fledspar alteration, plagioclase 30% and partially altered to K-Feldspar and 10% chloritised ferromagnesian minerals

Milky quartz vein with 5% haematite and 0.5% pyrite, haematite possibly late brecciating the quartz, rare open cavities containing crystalline quartz

Orange green and cream mottled med-coarse granite, 30% large anhedral quartz to 1.5cm, 10-15% biotite (commonly chloritised), 20-25% cream and light green plagioclase, 30-40% orange K-feldspar, probably some primary interstitial with alteration clots to 2cm and pervasive alteration, magnetite rich hydrothermal breccia 83.7-83.9 minor veining including qtz-chl-cb, qtz-py-hem, chlorite alteration generally only replacing biotite and occasionally as veins

Bright orange and minor green mottled coarse granite, massive magnetite-haematite veins to 3cm, quartz (20-25%) to 12mm, K-feldspar not differeniatable due to pervasive K-Feldspar alteration, plagioclase replaced by K-Feldspar, ferromagnesian phases chloritised, nearly pegmatitic at down hole contact

Light grey and pink darkening down hole to dark grey-green and med pink medium grained granodiorite with 20-35% hornblende>>biotite, 30% light green plagioclase (often zoned), K-feldpar 20-30% typically as interstitial filling, minor quartz <5%, disseminated pyrite 0.5% , banded K-feldsapar alteration and strongly xenolithic (intermediate to mafic xenoliths) near start of interval, more sparsely xenolithic down hole, alteration suggests previous unit is younger and intrudes this older unit

White quartz vein impregnated with 20% haematite and minor pyrite, strong heamatite alteration halo

Medium to dark grey and lesser light-medium pink granodiorite, 25-30% plagioclase crystals occasionally chloritised in strong K-Feldspar altered zones, <5% quartz, K-Feldspar 25-30% as ammorphous interstitial non crystalline phase, crystalline hornblende and fine ferromagnesian interstitial material (commonly chloitised) ~40%, pervasive (w-m) potassic alteration and chlorite replacing ferromagnesian phases and occasionally plagioclase, occasional narrow bands of pervasive silica, weakly xenolithic, trace disseminated pyrite and sparse pyrite and carbonate veins to 3mm, interstitial ferromagnesian phase may be biotitic potassic alteration

Quartz-pyrite-magnetite-haematite veins with strong chloritic selvedges and potassic haloes, pyrite generally clotted, haematite and magnetite typically massive and in selvedges

Tan pervasive strongly silica altered and pinkish-orange semi-pervasively potassically altered granodiorite, chloritised plagioclase (40%) near start of interval, primary crystalline texture wiped out in strong silica and K-feldspar alteration zones

Quartz-pyrite-K-feldspar-chlorite vein, pyrite generally clotted

Light grey/green pervasive moderately-strongly silica altered and pinkish-orange semi-pervasively potassically altered granodiorite, chloritised plagioclase (40%) near start of interval, med grained crystalline texture preserved in alteration zones, one 4cm qtz-py-Kf-chl vein as in previous interval

Pale green silica altered black and white medium grained granodiorite, comprised dominantly of plagioclase (40%) and ferromagnesian minerals (40%) which are partially chloritised, ~10% quartz and possible light grey silica replacement of K-feldspar component.

Dark green-medium pink hornblende rich (15-25%), quartz poor(~5%) medium grained equigranular granodiorite, weakly to moderately xenolithic (plag phyric andesite?), chlorite altered plagioclase, plag to 50%, rarely sericite altered, pervasive bands of K-feldspar, rare quartz-chlorite-pyrite veins to 2cm, pinkish cb>chl-py veins up to 8cm but typically <1cm approx 4/m, epidote veinlets to 3/m in the upper part of the interval with magnetite veins to 0.5-4cm more common lower in the interval, disseminated magnetite common throughout the interval but strongest in the end of interval

Pale-dark green and cream and med-light pink hornblende rich (15-25%), plagioclase rich (40%), quartz poor(~5%) medium grained equigranular granodiorite, weakly xenolithic, chlorite altered plagioclase?, pervasive weak K-feldspar, weak carbonate, chlorite and epidote viens, one 3cm K-feldspar altered dyke at 245.5m

Pale pink, green, white and black hornblende rich (25-30%) plagioclase rich (40-45%), K-Feldspar (20%) and quartz <10% granodiorite, with multiple small (<10cm) dykes of more felsic composition (light grey and trpically 30% quartz and <10% mafics partitioned into selvedges, xenolithic (cut by dykes), trace disseminated pyrite

"Black and white" pale green and pale pink plagioclase rich(40%) hornblende rich (30-35%), trace K-Feldspar and <15% quartz, waekly to strongly xenolithic with typical plagioclase phyric/microporphyritic light-med grey andesite? xenoliths and more mafic dark grey 60% amphibole xenoliths, weak epidote veining, trace-1% disseminated pyrite

Medium grey altered "black and white" plagioclase/hornblende rich granodiorite with darker alteration, weak potassic bands, some probable chloritic alteration of plagioclase in darkest areas, epidote veins with potassic haloes, trace quartz veins and carbonate veinlets, weakly xenolithic, trace disseminated pyrite

Pluton Resources Detailed Drill Log

Hole Number	DR3	Sheet No	2	Mineralisation / Alteration and additional descriptors

Full description: **including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets

INTERVAL		ROCK CODES		Alteration summary				Pyrite		Chalco		Haem		Magnet		Potassic K-feldspar		Chloritic		Sericitic		Haematitic		T'maline		QVN	Other minerals / texture / colour							
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour
280.75	311.00	Cg	IFGRAD	KSP	Prop			D	0.5					D	0.5	P	w	Rp	w								Ep	Vn	1				w	C-N-W
311.00	312.50	Cg	IFGRAD	Sil	Chl													Rp	vw														w/m	3A-4A>2P
312.50	314.80	Cg	IFGRAD	KSP	Chl	Ser										P	m/s	Rp	m/s	Rp	m					m	Cb	Vn	4				m/s	3P/O-2Y/Gr-4Gr
314.80	316.10	Cg	IFGRAD	Ser	Chl	KSP		D	0.5							Rp	vw	Rp	w/m	Rp	w/m												w	2P-4A-1Gr/C
316.10	328.20	Cg	IFGRAD																														w	1Gr-4A
328.20	330.10	Cg	IFGRAD	Sil																						w							w	1Gr-W
333.10	359.15	Cg	IFGRAD	KSP	Prop			D	0.5							Rp	w										Ep	Vn	1				w	4A-C-2P
359.15	374.00	Cg	IFGRAD	KSP	Prop	Cb		Vn	1							Bnd	w	Vn	w								Cb	Vn	2	Sp	Vn	0.05	w/m	4A>2P
374.00	379.00	Cg	IFGRAD	KSP				D	0.2							Bnd	w																w	4A-C>2P
379.00	389.00	Cg	IFGRAD	Cb	Prop	KSP		Vn	0.5							Rp	w/m	Rp	m								Cb	Vn	1.5				m/s	3Gr>3P/O
389.00	411.70	Cg	IFGRAD	KSP	Prop	Ser		D	0.5							P	m	SP	w								Cb	Vn	0.5	Ep	Vn	0.2		2P>4Gr
	EOH																																	

Light pink, pale green and dark grey "black and white" hornblende rich (30-35%) plagioclase rich (40%) granodiorite, 10% quartz, 15% K-feldspar, trace biotite, equigranular, occasional epidote and K-feldspar bands and veins, weakly to moderately xenolithic (dark grey xenoliths of microporphyritic volcanics/diorite?)

Dark grey and pink moderately-strongly silica altered granodiorite with only silica and a ferromagnesian phase differantiable and K-feldspar replaced plagioclase approaching downhole alteration zone

Medium pink/orange with black fleck and white and light yellow veins with dark green (chloritic) selvedges, strongly altered and fractured (faulted?) granodiorite, quartz-carbonate veins and sericitic pug, K-feldspar and chlorite replacing all other minerals in coherent core, fractured core dominated by veins

Light pink, pale green and dark grey hornblende rich (30-35%) plagioclase rich (40%) granodiorite, 10% quartz, 15% K-feldspar, equigranular, common replacement of plagioclase by sericite and hornblende by chlorite, weakly to moderately xenolithic, 0.5% disseminated pyrite

Pale green to white and dark grey to black granodiorite with 40% hornblende, 40% plagioclase, 15-20% quartz, weakly-moderately xenolithic with dominantly andesite/diorite microporphyry and rare elongate xenoliths of possible precambrian origin, 0.5% disseminated pyrite, largely unaltered but possible biotisation of some hornblendes

Pale green to white strongly silica altered granodiorite, possible albite of sodic alteration with distinct blotch cream and pale-light green alteration minerals

Cream and dark grey and subordinate pink granodiorite, 30% hornblende, 30% plagioglase, 15% K-feldspar and 10% quartz, typical "black and white equigranular phase with weak epidote and K-feldspar veinlets, probable weak potassic alteration presuimably replacing plagioclase

Dark grey and pink granodiorite, weak K-feldspar and sericite replacing plagioclase, chlorite commonly replacing hornblende and calcite veining common with chloritic alteration haloes, some pyrite and galena and sphalerite in one vein, weak epidote veining (veinlets), weakly to moderately xenolithic, typically plagioclase and hornblende rich as with previous intervals and up to 15% quartz

Cream-grey and lesser pink granodiorite, plagioclase 30-40%, hornblende 25-30%, quartz 15% and K-feldspar probably 10% as intrstitial alteration, very weak pervasive and banded K-feldspar, sparse cabonate veins, moderately xenolithic

Dark green altered equigranular granodiorite with silica-chlorite, weak K-feldspar alteration and carbonate veining, strongly fractured particularly near veins, minor pyrite in chloritic halos/selvedges

Medium pink/orange and dark green flecked medium grained equigranular granodiorite, plagioclase 30% but originally higher as replaced by K-Feldspar commonly and occasionally sericite, 25% hornblende, 20% quartz and moderate K-feldspar alteration, occasional darker chloritic zones, 1% carbonate veins and epidote veins, disseminated pyrite 0.5-1%, chalcopyrite coated on one 2mm silica vein, sphalerite and galena in one 4cm carbonate vein

Down Hole Structural Log - Pluton Resources								
Hole_ID	At	Alpha angle (deg from LCA)	Beta angle (deg from BDC)	Structure_type	Comments	Azimuth (True)	Dip	Struc_ID
DR3	51.6	35	350	Vn	quartz-chlorite-cb vein in mag destructive zone of chl altn			
DR3	40	25		dyke	k-feldspar fine grained 4cm dyke			
DR3	44	20		Vn	cb-chl-py			
DR3	104.2	50	140	contact	irregular granite contact - best estimate of contact surface (indistinct)			
DR3	113.6	40	350	dyke	k-feldspar fine grained 4cm dyke			
DR3	120	50	335	Vn	1cm cb vein			
DR3	133.5	45	10	Vn	1cm chl-cb-py vein selvedge on major quartz vein with haematite alteration halo			
DR3	142	30	0	Vn	chl-py vein associated with chl-ksp banding			
DR3	172	45	330	Vn	3mm cb vein			
DR3	182.5	25	320	Vn	1cm cb-py-chl vn			
DR3	189	40	335	Vn	1cm py-qtz-ksp vein with chl-cb selvedge			
DR3	191	30	190	Vn	Probable epidote veinlet and k-feldspar alteration banding			
DR3	200.6	47	15	Vn	pyrite- ksp-chl-qtz-cb? Vein			
DR3	211.5	65	55	Vn	epidote-py veinlet 2mm			
DR3	214.9	22	280	Vn	0.5cm cb>chl>py vein, chlorite and pyrite in selvedge			
DR3	214.1	55	55	Vn	1cm qtz>>chl>py vein			
DR3	213.9	45	80	Vn	1cm qtz-carbonate-chlorite-K feldspar>pyrite vein			
DR3	217.8	45	190	Vn	3mm cb vein (one of 4 in same orientation)			
DR3	226.4	25	295	Vn	0.5cm cb>>chl vein			
DR3	226.25	25	350	Vn	0.5cm cb>chl-hem-py>>cpy vein			
DR3	226.05	45	355	Vn	1cm magnetite-carbonate-chlorite-pyrite (pyritohedrons to 8mm) vein			
DR3	228.2	55	100	Vn	3mm carbonate vein with chlorite and disseminated pyrite in selvedges			
DR3	229.4	25	350	Vn	12cm (true width) pinkish carbonate with chlorite selvedges containing disseminated pyrite			
DR3	229.55	35	315	Vn	2mm cb vein made of 2 bands separated by chlorite with chlorite selvedges and clots of pyrite			
DR3	229.9	30	350	Vn	weakly banded carbonate-chlorite vein with clots of quartz and clots of pyrite			
DR3	230	30	330	Vn	banded cb>chl vein with lesser quarz growing perpundicular to the vein as clots and dissminated pyrite			
DR3	233	40	325	Vn	carbonate-chlorite vein with dissem/clots of pyrite			
DR3	240.4	30	335	Vn	magnetite vein swarm with minor dissem pyrite			
DR3	240.35	20	335	Vn	carbonate-chlorite vein with dissem/clots of pyrite			

Hole_ID	At	Alpha angle (deg from LCA)	Beta angle (deg from BDC)	Structure_type	Comments	Azimuth (True)	Dip	Struc_ID
DR3	240.9	45	350	Vn	2mm magnetite vein with very fine epidote selvedge/halo			
DR3	245.45	42	340	dyke	Potassically altered 3cm aplite dyke (20% qtx, 30% mafics, 50% K feldspar			
DR3	256.8	40	5	dyke	10cm leucocratic dyke, probably silica rich with <10% mafics			
DR3	257.1	50	345	dyke	2cm cream-milky quartz-plagioclase vein dyke			
DR3	257.5	50	350	dyke	6cm grey and white quartz-plagioclase porphyritic dyke wit <10% mafics, probably silica rich			
DR3	258.9	50	350	dyke	2cm cream-milky quartz-plagioclase vein dyke			
DR3	259	50	0	dyke	porphyritic greya nd white plagioclase phyric fine grained dyke, 15% mafics with more mafic contacts			
DR3	266.3	50	340	Vn	epidote - pyrite vein with 2cm alteration halo			
DR3	274.8	50	345	Vn	1-2mm epidote vein with 1cm alteration halo			
DR3	275.8	40	310	Vn	1cm quartz vein with chlorite alteration icm either side			
DR3	276	30	305	Vn	2cm quartz-chlorite-pyrite vein			
DR3	317.8	40	340	Vn	1mm epidite vein with k-feldspar halo			
DR3	381.4	35	90	Vn	imm epidote vein			
DR3	366.1	40	310	Vn	3cm carbonate>spahelrite and galena vein			
DR3	379.3	30	22	Vn	1.5 cm light pink-milky white carbonate vein			
DR3	408.35	45	190	Vn	3.5mm slica-epidote vein, fairly flat lying			
DR3	408.7	40	215	Vn	3mm grey silica vein with carbonate spotting and epidote in selvedges, fairly flat lying			
DR3	408.8	50	165	Vn	3mm carbonate vein with epidite selvedges			

Magnetic Susceptibility Log (all figures x 10-3 SI units) - Pluton Resources									
Hole_ID	From	To	Avg Mag	Peak Mag	Hole_ID	From	To	Avg Mag	Peak Mag
DR3	0.00	20.00	too rubbly		DR3	120.00	122.00	7.12	16.30
DR3					DR3	122.00	124.00	7.72	18.50
DR3					DR3	124.00	126.00	1.68	12.40
DR3					DR3	126.00	128.00	1.70	7.83
DR3					DR3	128.00	130.00	2.45	10.20
DR3					DR3	130.00	132.00	1.01	4.55
DR3					DR3	132.00	134.00	1.67	3.53
DR3					DR3	134.00	136.00	5.24	15.90
DR3					DR3	136.00	138.00	16.40	28.00
DR3					DR3	138.00	140.00	25.70	30.40
DR3	20.00	22.00	5.54	6.78	DR3	140.00	142.00	27.80	33.40
DR3	22.00	24.00	5.09	7.25	DR3	142.00	144.00	16.20	25.90
DR3	24.00	26.00	3.35	4.77	DR3	144.00	146.00	21.60	29.60
DR3	26.00	28.00	1.81	3.96	DR3	146.00	148.00	11.60	28.80
DR3	28.00	30.00	0.36	0.89	DR3	148.00	150.00	16.60	41.50
DR3	30.00	32.00	0.71	1.36	DR3	150.00	152.00	3.84	19.70
DR3	32.00	34.00	0.49	1.05	DR3	152.00	154.00	0.46	3.16
DR3	34.00	36.00	0.37	0.93	DR3	154.00	156.00	18.50	31.70
DR3	36.00	38.00	6.27	10.60	DR3	156.00	158.00	9.48	20.60
DR3	38.00	40.00	8.21	11.70	DR3	158.00	160.00	4.51	19.60
DR3	40.00	42.00	5.44	9.75	DR3	160.00	162.00	14.50	22.40
DR3	42.00	44.00	5.65	9.88	DR3	162.00	164.00	10.80	24.70
DR3	44.00	46.00	6.73	10.60	DR3	164.00	166.00	7.10	17.90
DR3	46.00	48.00	7.20	15.60	DR3	166.00	168.00	6.39	16.10
DR3	48.00	50.00	7.97	13.50	DR3	168.00	170.00	3.83	15.10
DR3	50.00	52.00	0.30	0.89	DR3	170.00	172.00	8.80	24.90
DR3	52.00	54.00	4.44	8.50	DR3	172.00	174.00	9.76	18.50
DR3	54.00	56.00	5.37	10.20	DR3	174.00	176.00	4.64	9.82
DR3	56.00	58.00	4.24	7.77	DR3	176.00	178.00	8.12	19.60
DR3	58.00	60.00	0.22	2.00	DR3	178.00	180.00	8.98	28.70
DR3	60.00	62.00	2.00	3.64	DR3	180.00	182.00	7.87	18.80
DR3	62.00	64.00	2.15	4.19	DR3	182.00	184.00	17.50	26.20
DR3	64.00	66.00	3.59	7.22	DR3	184.00	186.00	12.50	25.50
DR3	66.00	68.00	4.35	8.56	DR3	186.00	188.00	8.91	16.30
DR3	68.00	70.00	3.20	7.30	DR3	188.00	190.00	22.20	33.10
DR3	70.00	72.00	1.19	3.09	DR3	190.00	192.00	23.60	31.30
DR3	72.00	74.00	3.03	6.89	DR3	192.00	194.00	0.56	0.71
DR3	74.00	76.00	5.28	11.40	DR3	194.00	196.00	7.49	16.60
DR3	76.00	78.00	6.70	12.70	DR3	196.00	198.00	0.49	3.05
DR3	78.00	80.00	6.24	13.20	DR3	198.00	200.00	0.25	0.71
DR3	80.00	82.00	12.10	19.10	DR3	200.00	202.00	0.20	0.49
DR3	82.00	84.00	8.55	262.00	DR3	202.00	204.00	0.31	0.40
DR3	84.00	86.00	13.70	15.50	DR3	204.00	206.00	0.23	0.43
DR3	86.00	88.00	2.93	6.62	DR3	206.00	208.00	0.27	0.49
DR3	88.00	90.00	9.38	14.80	DR3	208.00	210.00	0.19	0.42
DR3	90.00	92.00	4.68	12.10	DR3	210.00	212.00	4.13	15.50
DR3	92.00	94.00	8.80	13.90	DR3	212.00	214.00	14.10	27.20
DR3	94.00	96.00	9.95	18.10	DR3	214.00	216.00	27.10	68.80
DR3	96.00	98.00	8.03	11.20	DR3	216.00	218.00	4.83	32.30
DR3	98.00	100.00	43.10	248.00	DR3	218.00	220.00	0.37	0.47
DR3	100.00	102.00	1.14	4.11	DR3	220.00	222.00	1.77	11.70
DR3	102.00	104.00	5.75	15.30	DR3	222.00	224.00	10.80	17.60
DR3	104.00	106.00	24.20	57.80	DR3	224.00	226.00	16.10	27.00
DR3	106.00	108.00	4.49	11.70	DR3	226.00	228.00	17.30	42.50
DR3	108.00	110.00	7.80	15.50	DR3	228.00	230.00	13.60	23.90
DR3	110.00	112.00	20.20	25.80	DR3	230.00	232.00	20.50	27.10
DR3	112.00	114.00	19.50	27.50	DR3	232.00	234.00	19.10	30.30
DR3	114.00	116.00	14.80	29.60	DR3	234.00	236.00	22.30	30.00
DR3	116.00	118.00	19.30	24.40	DR3	236.00	238.00	21.10	32.20
DR3	118.00	120.00	15.00	21.80	DR3	238.00	240.00	77.50	399.00

Hole_ID	From	To	Avg Mag	Peak Mag	Hole_ID	From	To	Avg Mag	Peak Mag
DR3	240.00	242.00	82.80	536.00	DR3	354.00	356.00	1.39	2.87
DR3	242.00	244.00	7.77	15.50	DR3	356.00	358.00	1.56	5.70
DR3	244.00	246.00	7.47	22.40	DR3	358.00	360.00	7.47	19.30
DR3	246.00	248.00	2.19	4.77	DR3	360.00	362.00	5.97	17.10
DR3	248.00	250.00	1.04	6.29	DR3	362.00	364.00	7.20	25.00
DR3	250.00	252.00	21.80	37.80	DR3	364.00	366.00	20.60	33.30
DR3	252.00	254.00	12.20	23.70	DR3	366.00	368.00	6.48	19.20
DR3	254.00	256.00	2.10	14.30	DR3	368.00	370.00	0.40	0.49
DR3	256.00	258.00	3.93	15.30	DR3	370.00	372.00	1.66	8.36
DR3	258.00	260.00	6.59	19.00	DR3	372.00	374.00	4.20	8.71
DR3	260.00	262.00	4.20	12.20	DR3	374.00	376.00	0.63	2.03
DR3	262.00	264.00	2.80	12.20	DR3	376.00	378.00	1.19	6.47
DR3	264.00	266.00	5.79	19.30	DR3	378.00	380.00	7.92	20.00
DR3	266.00	268.00	2.57	8.28	DR3	380.00	382.00	7.01	14.30
DR3	268.00	270.00	4.51	23.60	DR3	382.00	384.00	8.10	16.20
DR3	270.00	272.00	2.96	6.95	DR3	384.00	386.00	5.92	10.20
DR3	272.00	274.00	4.99	17.50	DR3	386.00	388.00	0.55	0.62
DR3	274.00	276.00	8.63	16.70	DR3	388.00	390.00	2.25	7.70
DR3	276.00	278.00	11.70	24.30	DR3	390.00	392.00	1.09	2.15
DR3	278.00	280.00	9.59	18.00	DR3	392.00	394.00	1.14	2.74
DR3	280.00	282.00	7.91	16.80	DR3	394.00	396.00	3.72	11.20
DR3	282.00	284.00	3.32	6.91	DR3	396.00	398.00	3.41	11.50
DR3	284.00	286.00	4.83	7.46	DR3	398.00	400.00	5.23	11.60
DR3	286.00	288.00	4.29	7.74	DR3	400.00	402.00	6.42	29.90
DR3	288.00	290.00	4.14	10.70	DR3	402.00	404.00	9.01	21.70
DR3	290.00	292.00	14.50	28.40	DR3	404.00	406.00	8.11	16.30
DR3	292.00	294.00	9.50	17.70	DR3	406.00	408.00	7.53	21.40
DR3	294.00	296.00	13.50	20.90	DR3	408.00	410.00	5.42	19.10
DR3	296.00	298.00	16.00	23.00	DR3	410.00	411.70	7.82	14.80
DR3	298.00	300.00	14.00	25.50			**EOH**		
DR3	300.00	302.00	11.20	33.30					
DR3	302.00	304.00	0.87	1.02					
DR3	304.00	306.00	0.70	1.09					
DR3	306.00	308.00	0.62	0.86					
DR3	308.00	310.00	2.80	6.53					
DR3	310.00	312.00	1.17	3.40					
DR3	312.00	314.00	0.60	1.95					
DR3	314.00	316.00	0.46	0.62					
DR3	316.00	318.00	1.52	4.53					
DR3	318.00	320.00	4.04	9.77					
DR3	320.00	322.00	0.93	1.97					
DR3	322.00	324.00	0.45	1.02					
DR3	324.00	326.00	0.68	0.98					
DR3	326.00	328.00	0.88	1.33					
DR3	328.00	330.00	0.10	0.25					
DR3	330.00	332.00	0.65	8.28					
DR3	332.00	334.00	1.11	4.02					
DR3	334.00	336.00	3.03	10.70					
DR3	336.00	338.00	2.70	12.50					
DR3	338.00	340.00	6.15	9.57					
DR3	340.00	342.00	13.70	18.80					
DR3	342.00	344.00	9.67	21.80					
DR3	344.00	346.00	6.07	9.68					
DR3	346.00	348.00	1.66	3.62					
DR3	348.00	350.00	0.72	1.15					
DR3	350.00	352.00	0.85	2.04					
DR3	352.00	354.00	0.94	1.75					

Pluton Resources Ltd						Down hole whole rock data													
Project	Prospect	Hole_ID	From	To	Spl_Id	Al2O3 (%)	BaO (%)	CaO (%)	Cr2O3 (%)	Fe2O3 (%)	K2O (%)	MgO (%)	MnO (%)	Na2O (%)	P2O5 (%)	SiO2 (%)	SrO (%)	TiO2 (%)	Loi %	Lab Batch
Tas Porphyry	Five Mile Rise	DR3	34	35	152901	13.2	0.1	0.21	<0.01	3.52	5.91	1.22	0.05	0.46	0.06	73	<0.01	0.29	1.86	BR07124809
Tas Porphyry	Five Mile Rise	DR3	44	45	152902	12.2	0.09	2.09	<0.01	4.08	6	1.02	0.71	0.44	0.05	69.3	<0.01	0.28	3.5	BR07124809
Tas Porphyry	Five Mile Rise	DR3	64	65	152903	13.1	0.09	1.67	<0.01	2.62	4.91	0.95	0.02	2.63	0.05	72.1	0.02	0.29	1.45	BR07124809
Tas Porphyry	Five Mile Rise	DR3	74	75	152904	13	0.09	1.46	<0.01	3.35	5.5	1.04	0.03	2.38	0.05	71.7	0.02	0.3	1	BR07124809
Tas Porphyry	Five Mile Rise	DR3	80	81	152905	13	0.08	1.68	<0.01	2.6	5.49	1.03	0.01	2.23	0.04	72.2	0.01	0.29	1.26	BR07124809
Tas Porphyry	Five Mile Rise	DR3	94	95	152906	12.95	0.1	1.68	<0.01	2.83	6.29	1.02	<0.01	1.59	0.05	71.3	0.01	0.3	1.85	BR07124809
Tas Porphyry	Five Mile Rise	DR3	164	165	152907	14.35	0.1	4.63	<0.01	6.67	3.29	2.9	0.06	2.07	0.15	62.4	0.03	0.69	2.53	BR07124809
Tas Porphyry	Five Mile Rise	DR3	170	171	152908	14.35	0.13	3.4	<0.01	6.08	4.28	3	0.05	1.56	0.16	63.4	0.02	0.7	2.68	BR07124809
Tas Porphyry	Five Mile Rise	DR3	175	176	152909	14.7	0.09	4.54	<0.01	5.72	3.25	2.58	0.04	2.53	0.15	63.4	0.03	0.75	2.09	BR07124809
Tas Porphyry	Five Mile Rise	DR3	255	256	152910	14.75	0.1	4.92	0.01	6.71	3.16	2.96	0.11	2.23	0.16	62.3	0.02	0.74	1.65	BR07124809
Tas Porphyry	Five Mile Rise	DR3	265	266	152911	14.4	0.09	5.22	0.01	6.48	3.01	2.65	0.06	2.19	0.15	63.4	0.02	0.68	1.45	BR07124809
Tas Porphyry	Five Mile Rise	DR3	277	278	152912	14.65	0.1	4.63	0.01	6.8	3.18	3.13	0.08	2.41	0.16	61.8	0.03	0.72	2.1	BR07124809
Tas Porphyry	Five Mile Rise	DR3	287	288	152913	14.75	0.09	5.51	0.01	6.46	2.99	2.72	0.06	2.07	0.16	62.9	0.02	0.7	1.41	BR07124809
Tas Porphyry	Five Mile Rise	DR3	297	298	152914	14.45	0.11	3.6	0.01	7.13	3.43	3.57	0.08	1.94	0.16	62.2	0.02	0.69	2.47	BR07124809
Tas Porphyry	Five Mile Rise	DR3	307	308	152915	14.6	0.11	5.16	0.01	6.66	2.96	2.8	0.07	2.28	0.16	62.5	0.03	0.71	1.77	BR07124809
Tas Porphyry	Five Mile Rise	DR3	317	318	152916	14.85	0.1	4.56	0.01	7.27	3.11	3.39	0.08	2.34	0.18	61.5	0.03	0.76	1.58	BR07124809
Tas Porphyry	Five Mile Rise	DR3	329	330	152917	24.8	0.06	9.42	<0.01	0.75	3.29	0.06	0.01	2.99	<0.01	54.9	0.04	1.17	2.44	BR07124809
Tas Porphyry	Five Mile Rise	DR3	339	340	152918	14.8	0.1	4.8	0.01	6.79	3.21	3.02	0.07	2.27	0.16	62.2	0.03	0.72	1.6	BR07124809
Tas Porphyry	Five Mile Rise	DR3	349	350	152919	14.55	0.11	5.18	0.01	6.43	3.04	2.64	0.05	1.98	0.15	63.1	0.03	0.67	1.88	BR07124809
Tas Porphyry	Five Mile Rise	DR3	359	360	152920	14.6	0.11	4.34	0.01	6.79	3.66	2.87	0.09	1.59	0.16	61.3	0.02	0.71	3.57	BR07124809
Tas Porphyry	Five Mile Rise	DR3	377	378	152921	14.8	0.12	5.49	0.01	6.82	2.86	2.67	0.05	1.96	0.17	62	0.03	0.73	2.19	BR07124809
Tas Porphyry	Five Mile Rise	DR3	385	386	152922	14	0.13	4.39	0.01	7.84	4.45	2.62	0.25	0.04	0.17	59.2	<0.01	0.74	5.68	BR07124809
Tas Porphyry	Five Mile Rise	DR3	399	400	152923	14.45	0.11	4.61	0.01	6.31	3.3	2.75	0.08	2.41	0.16	62.5	0.03	0.7	2.4	BR07124809
Tas Porphyry	Five Mile Rise	DR3	410	411	152924	14.3	0.11	5.02	<0.01	6.38	3.19	2.51	0.06	2.14	0.15	63.1	0.03	0.69	2.12	BR07124809

Pluton Resources Ltd						Down hole rare earth assay data																
Project	Prospect	Hole_ID	From	To	Spl_Id	Ce (ppm)	Dy (ppm)	Er (ppm)	Eu (ppm)	Gd (ppm)	Ho (ppm)	La (ppm)	Lu (ppm)	Nd (ppm)	Pr (ppm)	Sm (ppm)	Tb (ppm)	Th (ppm)	Tm (ppm)	U (ppm)	Y (ppm)	Yb (ppm)	Lab Batch
Tas Porphyry	Five Mile Rise	DR3	34	35	152901	196.5	5.5	3.1	1.9	8.5	1.1	97	0.5	66.8	19.5	10.5	1.1	30	0.5	4.5	29.6	3.2	BR07124809
Tas Porphyry	Five Mile Rise	DR3	44	45	152902	148	7	3.8	2	9.1	1.4	73.8	0.6	54.1	15	10.1	1.3	27	0.6	9.6	40.3	3.8	BR07124809
Tas Porphyry	Five Mile Rise	DR3	64	65	152903	134	7	4.2	1.4	8.4	1.4	65.9	0.6	48.7	13.5	9	1.3	32	0.6	8.3	42.4	4.3	BR07124809
Tas Porphyry	Five Mile Rise	DR3	74	75	152904	118.5	6.4	3.8	1.4	7.6	1.3	57.2	0.7	43.8	12.2	8.3	1.1	30	0.6	6.6	39.1	4.1	BR07124809
Tas Porphyry	Five Mile Rise	DR3	80	81	152905	142.5	6.9	4.1	1.6	8.6	1.4	71.9	0.6	50.8	14.4	9.1	1.2	31	0.6	6.5	40.8	4.2	BR07124809
Tas Porphyry	Five Mile Rise	DR3	94	95	152906	129	6.9	4	1.7	8.1	1.4	63.8	0.6	47.1	13.2	8.6	1.2	34	0.6	6.9	40.8	4	BR07124809
Tas Porphyry	Five Mile Rise	DR3	164	165	152907	93.8	5.7	3.2	1.6	6.8	1.1	45.9	0.5	37.8	9.9	7.5	1	16	0.5	4.1	33.2	3.2	BR07124809
Tas Porphyry	Five Mile Rise	DR3	170	171	152908	65.2	6.8	3.8	1.6	6.6	1.4	30.9	0.6	28.6	7.2	6.6	1.1	16	0.6	5.7	37.7	3.9	BR07124809
Tas Porphyry	Five Mile Rise	DR3	175	176	152909	84.7	6.6	3.7	1.7	7.2	1.3	40.7	0.5	36.2	9.2	7.7	1.1	17	0.6	4.5	37.2	3.6	BR07124809
Tas Porphyry	Five Mile Rise	DR3	255	256	152910	95.4	5.7	3.2	1.5	6.9	1.2	46.6	0.5	38.1	10	7.4	1	17	0.5	4.2	32.9	3.1	BR07124809
Tas Porphyry	Five Mile Rise	DR3	265	266	152911	92.7	5.5	3.1	1.5	7	1.1	46.9	0.5	37.5	9.7	7.3	1	17	0.5	4.3	31.2	3.1	BR07124809
Tas Porphyry	Five Mile Rise	DR3	277	278	152912	94.7	5.6	3	1.5	6.9	1.1	47.3	0.5	38.4	10.1	7.6	1	16	0.5	3.9	32	3	BR07124809
Tas Porphyry	Five Mile Rise	DR3	287	288	152913	103.5	5.8	3.2	1.5	7.2	1.1	50.3	0.5	40.7	10.7	7.7	1	17	0.5	4.2	32.6	3.2	BR07124809
Tas Porphyry	Five Mile Rise	DR3	297	298	152914	105.5	5.4	3	1.6	6.8	1.1	53.2	0.4	39.7	10.8	7.4	1	17	0.4	3.9	30.1	2.9	BR07124809
Tas Porphyry	Five Mile Rise	DR3	307	308	152915	91.4	5.8	3.2	1.6	7	1.1	43.7	0.5	38	9.8	7.4	1	15	0.5	3.9	32.8	3.1	BR07124809
Tas Porphyry	Five Mile Rise	DR3	317	318	152916	97.8	6.3	3.4	1.6	7.3	1.2	46.6	0.5	40	10.4	7.9	1.1	15	0.5	4.1	35.2	3.4	BR07124809
Tas Porphyry	Five Mile Rise	DR3	329	330	152917	33.9	7.6	4.5	2.5	5.9	1.6	14.5	0.7	18.8	4.3	5.5	1.2	27	0.7	6.1	38.3	4.7	BR07124809
Tas Porphyry	Five Mile Rise	DR3	339	340	152918	98.9	6	3.4	1.6	7.4	1.2	47	0.5	40.3	10.5	8	1.1	18	0.5	4.7	34.6	3.4	BR07124809
Tas Porphyry	Five Mile Rise	DR3	349	350	152919	90.1	5.3	2.9	1.5	6.6	1.1	45.4	0.5	36.3	9.7	7.2	0.9	15	0.4	3.5	30.5	2.9	BR07124809
Tas Porphyry	Five Mile Rise	DR3	359	360	152920	94	5.8	3.2	1.5	7.1	1.2	45.5	0.5	38.1	10.1	7.5	1	15	0.5	3.9	32.8	3.2	BR07124809
Tas Porphyry	Five Mile Rise	DR3	377	378	152921	97.8	5.6	3.1	1.5	6.9	1.1	47.7	0.5	38.8	10.2	7.3	1	16	0.5	3.9	31.7	3	BR07124809
Tas Porphyry	Five Mile Rise	DR3	385	386	152922	82.8	5.9	3.3	1.6	6.4	1.2	41.7	0.5	32.4	8.6	6.5	1	14	0.5	3.4	33.9	3.4	BR07124809
Tas Porphyry	Five Mile Rise	DR3	399	400	152923	95	5.7	3.2	1.4	6.9	1.1	46.3	0.5	37.8	10	7.4	1	17	0.5	5.4	33	3.3	BR07124809
Tas Porphyry	Five Mile Rise	DR3	410	411	152924	92.5	5.4	3	1.4	6.6	1	45.7	0.5	35.7	9.7	7	0.9	16	0.4	4	30.6	2.9	BR07124809

Summary Drill Log and Header — Pluton Resources Ltd.

PROJECT:	Tas Porphyry		**HOLE NO:**	**DEVD1**	**DRILL TYPE:**	Diamond	
PROSPECT:	Devon Mine		DATE COMMENCED:	**30/01/2008**	**DRILLER:**	Boart Longyear	
EL:	14/2006		DATE COMPLETED:	**5/03/2008**	LOGGED BY:	John McD	
EASTING	422792	+ -	**TOTAL DEPTH (m):**	**253.6**	DATE:	5/05/2008	
NORTHING	5397081	8m	**AZIMUTH:**	**260**	OXIDATION	BOPO:	8.6
COLLAR RL:	299	MAP	**DIP:**	**-45**		BOCO:	45.5

Drilling details

Core Size	From	To
HWT	0.00	15.00
HQ	0.00	110.90
NQ	110.90	253.60
BQ		

Comments

Hole designed to:- Test the down dip extent of the Devon Mine mineralisation. Intersections were dissapointing suggesting a plunge to mineralisation with veins intersected typically carbonate rich and sulphide poor

Significant Intervals:

Hole_ID	From	To	Interval
DEVD1	80.00	81.00	1m @ 0.07% Cu, 1.1 g/t Ag
DEVD1	103.00	110.00	7m @ 0.08g/t Au, 0.7g/t Ag, 83ppm Co
DEVD1	168.00	169.00	1m @ 0.07g/t Au, 1.5g/t Ag
DEVD1	170.00	171.00	1m @ 84ppm Co
DEVD1	177.00	178.00	1m @ 0.08g/t Au, 0.07% Pb
DEVD1	202.00	203.00	1m @ 0.21g/t Au, 5.7g/t Ag, 0.25% Pb
DEVD1	211.00	212.00	1m @ 0.8g/t Ag, 0.07% Pb, 0.09% Zn
DEVD1	217.00	218.00	1m @ 0.04g/t Au, 0.9g/t Ag, 0.1%Pb

Summary Log

From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	14.30	Qs	River rubble, typically porphyry boulders and gravel, possible intersections of solid porphyry
14.30	62.70	Cp	Variable potassic and propylitically altered Plagioclase-biotite-quartz-K feldsapar porphyry, trace pyrite hematite and carbonate veins
62.70	63.00	Vn	Chlorite-pyite-carbonate vein with sericite-chlorite halo, partially slickensided
63.00	77.35	Cp	Light - med grey and pale pink silicified and potasically altered weakly xenolithic porphyry
77.35	78.80	Cp	Light pinkish brown, weakly pervasively K-feldspar altered 'porphyritc granite'
78.80	84.70	Cp	Black and white moderately silicified 'granodiorite' porphyry with trace carbonate veins
84.70	87.00	Cu	Possibly different phase of intrusive, weak potassic alteration.
87.00	95.90	Cp	Strongly altered pseudo porphyritic intrusives with chlorite, pyrite and trace carbonate veins
95.90	103.30	Cp	Orange strongly altered potassic aphyric felsic? Potentially altered granite with strong grain boundary destruction by silica and k-feldspar
103.30	110.90	Cu	Strongly altered aphyric potassically altered country rock with abundant veining, K-feldspar then py-hematite then carbonate veins
110.90	253.60	Cu/Cp/Cg	Mixed zones of intrusives and strongly altered /'hornfelsed' country rock, intrusive dominant after 190.8 with typically more granitic textures

Down Hole Surveys - Pluton Resources									
Hole_ID	Depth	Azimuth	Dip	ID	Mag_azm	Type	Verified	Comment	Date
DEVD1	0	260	-45			2	Y		30/01/2008
DEVD1	20	262	-46		249	1	Y		5/02/2008
DEVD1	50	262	-45.5		249	1	Y		6/02/2008
DEVD1	100	258.5	-45		245.5	1	Y		14/02/2008
DEVD1	150	259	-45		246	1	Y		26/02/2008
DEVD1	200	265	-45.5		252	1	Y		27/02/2008
DEVD1	250	265	-43.5		252	1	Y		4/03/2008

Pluton Resources Detailed Drill Log

Hole Number	DEVD1	Sheet No	1	Mineralisation / Alteration and additional descriptors

Full description: **including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets

INTERVAL		ROCK CODES		Alteration summary				Pyrite		Chalco		Moly		Magnet		Potassic		Phyllic		Propylitic		Argillic		Silicific'n		QVN	Other minerals / texture / colour								
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour	
0.00	8.60		CLOS																															
8.60	8.90	Cp	IFUND	Prop			W													Rp	w												W	2P	Pale pink weakly weathered plagioclase-biotite-quartz-hornblende porphyry with weak selective replacement of ferromagnesian phases by chlorite and probable sericitisation of plagioclase. Probable boulder
8.90	9.10	Cp	IFUND	Prop	KSP		W									P	w/m			Vn	w												W	3Gr	Autobrecciated plagioclase-biotite-quartz-hornblende porphyry with pervasive probable potassic alteration with chloritic veins and selective replacement by chlorite of ferromagnesian phases, trace pyrite. Probable boulder.
9.10	14.30	Q	CALUV				W																										S	3A	River rubble consisting of precambrian metamorphics, hornfelsed Cambrian volcanics and with boulders of variously k-feldspar and silica altered porphyry
14.30	16.80	Cp	IFUND	KSP	Prop		M									P	m			Rp	w												W	2P	Light pink plagioclase(30%)-biotite(15%)-quartz(10%)-hornblende(2%)-K Feldspar(trace) porphyry, weakly-moderately fractured, hornblende and some biotite chloritised with a moderately potassically altered groundmass, weakly xenolithic
16.80	17.90	Cp	IFUND	KSP	Prop		W									P	m			Rp	vw												W	3P	Light pink plagioclase(35%)-biotite(10%)-shattered lg quartz(20%)-hornblende (5%)-K Feldspar(1%) and up to 1cm porphyry, weakly fractured, hornblende clots and some biotite have chloritised margins with a moderately potassic (pink) altered groundmass, plagioclases are zoned with a light green core and a pale cream sericitised? rim, several chlorite veinlets with weathered/washed out vughs
17.90	18.70	Cp	IFUND	Prop	KSP		W									P	w/m			Rp	m												S	2-3P	Light pink and dark green spotted plagioclase-quartz-biotite-hornblende-K feldspar porphyry, weakly-moderately replaced phenocrysts with weak pervasive sericite and selective alteration of phenocrysts by chlorite, strongly fractured and partially friable, chlorite veins (trace)
18.70	22.50	Cp	IFUND	Sil	KSP		W									P	w/m			Rp	vw												M	2C-2P	Pale grey- light pink and cream plagioclase(25%)-quartz(to 20%)-biotite-hornblende-K feldspar porphyry with silicified and potasically altered groundmass, dark spotting from abundant ferromagnesian phenocrysts, weak replacement of phenocrysts by selective alteration of hornblende (chlorite) and zoned light green with cream rimmed plagioclase
22.50	25.50	Cp	IFUND	KSP	Sil		W									P	w/m							P	m								M	4A-2P	Dark grey-light pink and cream porphyry, moderately-strongly silicified grey zones with pink plagioclase-biotite-quartz-hornblende porphyry with weakly-poorly potasically altered groundmass, zoned plagioclases and chloritised hornblende (to 5%)
25.50	28.50	Cp	IFUND	Sil	KSP		T									P	w/m							P	m/s								W	3A	Light-med grey and pale green moderately-strongly silicified plagioclase-biotite-quartz-hornblende porphyry, occasional large rounded/resorbed? K-feldspar phenocrysts, nearly crystal packed, light grey groundmass, 2 xenoliths, one is clotted hornblende and one is plagioclase-hornblende (weakly xenolithic), quartz has developed blueish hue 'moonstone' cores (possibly albite?), trace dissem py
28.50	41.10	Cp	IFUND	KSP			W	Vn	0.02							P	w										Ci	Vn	0.02				M/S	3P	Light pinkish grey plagioclase-biotite-quartz-hornblende-K feldspar (large ~2%) porphyry, limonitic fractures in strongly fractured zones, light greenish plagioclase with creamy rims, translucent shattered round quartz to 5mm, light pink 'megacrysts' of rounded K-feldspar to 2cm, dark biotite laths and chloritised clots of probable hornblende to 4mm, very weakly xenolithic, trace carbonate veins, pinkish groundmass
41.10	51.50	Cp	IFUND	Prop	KSP			Vn	0.5							P	m			Vn	m						He	Vn	0.2	Mn	Vn	0.1	W/M	3Br-O-Gr-P	Light-med brown moderately potassic and propylitically altered plagioclase-biotite-quartz-hornblende porphyry, with pale green alteration around chlorite-carbonate veins, orange-brown alteration around hematite veins (47.6-48.4m), occasional large rounded/resorbed? K-feldspar phenocrysts, plagioclase occasionally chlorite or K-feldspar altered but typically pale green with resorbed margins, brown-pink groundmass, milky quartz with translucent edges, significant chloritisation of ferromagnesian phases, propylitic overprint of pervasive K-felds in groundmass, MnOx veins carrying pyrite common
51.50	64.20	Cp	IFUND	KSP	Prop	Sil										P	w/m			Vn	w			P	vw		Ci	Vn	0.05				M/S	2P-3Br-Gr	Light pink-medium brown and occasionally dark green plagioclase dominated-quartz-biotite and subordinate chloritised hornblende porphyry, pink and brown groundmass, rounded quartz (to 12mm) and K-feldspar (to 20mm) and partially resorbed plagioclse to 6mm, typically 4mm, dark biotite as laths. Darker green zones are chlorite-carbonate altered and trace calcite veins
64.20	77.35	Cp	IFUND	Sil	KSP											P	w			Rp	vw			P	m								W	2/3A-2P	Light-medium grey and pale pink silicified plagioclase-biotite-quartz-K Feldspar porphyry with trace honblende, moderate silicification of groundmass and weak pervasive potassic alteration and very weak chloritisation of ferromagnesian phases, weakly xenolithic. Large K-feldspars to 2cm more common and biotite more abundant than quartz, one slickensided calcite-chlorite vein at low angle to LCA
77.35	78.80	Cp	IFUND	KSP	Prop											P	w/m			Rp	w						Ci	Vn	0.2				M	2P-2Br	Light pink-light brown plagioclase dominated-quartz-biotite (chloritised) hornblende (chloritised) porphyry, pink and brown groundmass, rounded quartz (to 12mm) and white K-feldspar (to 20mm) and light green plagioclase pseudomorphs to 5mm, calcite veined with yellowish (sericite?) halos
78.80	87.30	Cp	IFUND	Sil				Vn	0.02											Vn	vw			P	m								W	2A-3A	Light - medium grey silicified plagioclase(30%)-quartz(20%)-biotite(15%)-hornblende porphyry with occasional large K-feldspars and calcite veins with chloritic halos, light grey groundmass, weakly chloritised hornblende, rounded quartz and zoned pale green and cream rimmed plagioclase
87.30	90.20	Cp	IFUND	Prop	KSP			Vn	2							sP	m			Sp	m						Ci	Vn	0.2				VW	3P-3A	Light pink-dark grey green porphyry with strong pink potassic alteration overprinted by calcite veins with chloritic selvedges, quartz is the only consistently visible phenocryst phase with plagioclase undifferentiable from the groundmass except adjacent to veins and all ferromagnesian phases replaced by chlorite, significant pyrite (2%) in cb-chl vei halos, ghosted outlines of phenocryst common
90.20	95.60	Cp	IFUND	KSP	Sil											sP	w/m			sP	w/m			sP	w/m		Ci	Vn	0.2				W	4Gr-2P	Olive-dark green/medium grey and light pink plagioclase(25%)-quartz(15%)-biotite(15%)-K feldspar porphyry, shattered milky white quartz 4-9mm, cream plagioclase 2-6mm, light pink rounded K-feldspar to 2.5cm and locally to 5%, if hornblende is present it is poorly distinguished from the groundmass and likely to be chloritised, trace carbonate veinlets

Pluton Resources Detailed Drill Log

Hole Number: DEVD1 | **Sheet No:** 1

Mineralisation / Alteration and additional descriptors

INTERVAL		ROCK CODES		Alteration summary				Pyrite		Chalco		Moly		Magnet		Potassic		Phyllic		Propylitic		Argillic		Silicific'n		QVN	Other minerals / texture / colour								Full description: including colour, main alteration type and strength, component minerals (pref in order of abundance), rock type, texture, alteration and mineralisation details eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour	
96.50	101.00	Cu	VUND	KSP	Sil			Vn	1							sP	m							P	w/m		Ci	Vn	0.5				W	2O-Y-2Br	Hydrobrecciated crackle breccia of coutry rock, probably an aphyric felsic with occasional porphyry intruded between angular clasts, one py-carbonate-cpy-MnOx vein dipping 80 deg west
101.00	103.40	Cu	VUND	KSP	Cb	Ch		Vn	0.5							P	m/s			Vn	m						Ci	Vn	2				M	4O>N-3Gr	Bright orange-pink pervasively K-feldspar altered country rock with dark silica (or MnOx) altered zones and multiple calcite veins with chloritic selvedges as a craclked stockwork containing subordinate pyrite, probably was a felsic volcanic?
103.40	106.10	Cu	VUND	KSP	Hem	Ch		Vn	4							sP	m	Vn	m	Vn	w			sP	m		He	Vn	7	Ci	Vn	1	W	4R-2O-3Gr	Dark red and green alteration halos around hematite and carbonate veins overprinting light orange potassically altered country rock with disseminated pyrite particularly associated with hematite veins and occasionally carbonate veins, potassic portions of the rock look vaguely porphyritic
106.10	109.50	Cp	IFUND	Cb	KSP	Ch		Vn	3							P	w/m	Vn	w	Vn	m						Ci	Vn	5	He	Vn	1	W	3Gr-3A-2O	Light orange porphyry extensively altered by carbonate veins with significant chlorite as halos and chlorite only 'fracture' veins, host rock is orange due to weak semi-pervasive and spotty K-feldspar development, carbonate veining (typically 1cm) overprints pyrite-hematite veining which overprints primary potassic alteration, pyrite 2-3% as disseminations usually at vein selvedges
109.50	119.60	Cp	IFUND	KSP	Hem	Ch		Vn	2							P	m	Vn	w	Vn	w						He	Vn	2	Ch	Vn	5	W/M	3O>3Gr/3R	Medium bright orange porphyry with pervasive potassic alteration strongly overprinted by veins of hematie-pyrite, carbonate-chlorite-pyrite and hard black MnOx?-pyrite as darker zones, original rock colour was probably an olive green and has distinguishable bluish-white quartz phenocrysts and potentially plagioclase phenocrysts
119.60	126.60	Cu	OHBX	Sil	KSP	Hem		D	1					Vn	0.1	sP	w	Vn	w					P	m		He	Vn	0.5				M/S	N/4A>2O	Dark grey and black strongly altered rock, probably dark silica/silicate alteration with bands (probable beds) of orange weakly K-feldspar altered fine felsic or mudstone like unit with probable hornfels spotting along beds, common short intervals of significantly brecciated silicified clasts in a dark silicate matrix, occasional hematite stringers
126.60	142.70	Cu	VMDST	KSP	Sil			Vn	0.1							p	m							P	m	vw							M/S	2/3A-2P	Light orange and grey strongly altered potassic and silicified country rock, possibly a fine volcanic mudstone, bedding suggested by alteration banding and metamorphic spots, weakly to moderately brecciated in part with dark black silicate or MnOx and trace pyrite, includes brittle fracture zone at 133-134 and an increase in carbonate veins approaching the end of the interval, commonly with wall rock 'burst' breccieation, significant dolomite in one vein, but typically clean calcite veins with trace pyrite
142.70	145.50	Cp	IFUND	KSP	Prop			Vn	0.1							P	m			Vn	w/m						Ci	Vn	2				W	3O>3Gr/A	Medium bright orange porphyry with pervasive potassic alteration weakly overprinted by veins of carbonate-chlorite-pyrite giving a dark green colour, quartz and K-feldspar crystals to 4mm
145.50	147.85	Cu	VMDST	Sil	KSP			Vn	0.05							sP	w			Vn	w			P	w/m		Ci	Vn	0.5				W/M	3A-2O	Medium grey and light orange potassically altered fine grained pervasively silicified ro with occasional carbonate veins with chloritic halos and brecciated textures, narrow porphyry dyke 146.4-146.5m
147.85	148.40	Cp	IFUND	KSP												P	m			Vn	w												M	3O>3Gr	Medium bright orange porphyry with pervasive potassic alteration weakly overprinted by veins of carbonate-chlorite-pyrite giving a dark green colour, quartz phenocrysts to 4mm
148.40	150.20	Cu	VUND	Sil	KSP			Vn	0.2							sP	w			Vn	w			P	w/m		Ci	Vn	2				M/S	2Gr/A-2P	Olive-light orange-pink country rock, possibly an early porphyry or marginal part of porphyry from previous interval, tan coloured portions are granular, crackle brecciated margins, areas of prominent quartz phenocrysts <5cm
150.20	167.50	Cp	IFUND	Sil	KSP															Vn	vw												M	4A/Br>2P	Olive-brownish grey silicified porphyry with very weak chlorite-carbonate veining overprinting earlier veins with strong potassic selvedges which give a banded appearence, quartz phenocrysts have bluish moonstone like appearance and the rest of the crystal phases have ghosted outlines in similar tan-olive colour to the groundmass
167.50	180.50	Cu	OHBX	Sil				Vn	0.5															P	m		Ci	Vn	1				S	3Br/A	Olive-grey silicified, moderately brecciated and carbonate veined country rock (possib an early porphyry?)
180.50	190.80	Cu	VUND	KSP	Sil			Vn	0.05							sP	m							P	w/m								M/S	3A-3P	Grey-pink and orange semipervasively potassic and probably silicified undifferentiated country rock, weak granularity suggests a fine felsic or vocaniclastic sandstone or similar, occasional K-feldspar splotches with diffuse edges may have been phenocrysts, strong grey spotting (probable hornfelsing)
190.80	253.60	Cp	IFUND	Sil	KBI			D	0.1							sP	m							P	m	vw							W/M	3A-4Br-W	Light grey and med-dark brown pervasively and semi-pervasively silicified plagioclase quartz-biotite porphyry, occasional zones of pale cream alteration with trace disseminated pyrite, rare milky white quartz veins, quartz phenocrysts are milky to translucent with a weak bluish tinge, plagioclse is typically <5mm and commonly altered to similar composition/colour as the groundmass but typically pale green or cream, occasional dark narrow vein dykes, trace pyrrhotite in one intensely altered da biotite? altered zone, zones of strong silicification are pale green and occasionally sericite occurs as halos to sparse carbonate veins
	EOH																																		

Down Hole Structural Log - Pluton Resources

Hole_ID	At	Core angle (LCA)	Structure_type	Comments	Azimuth (True)	Dip	Struc_ID
DEVD1	17.4	60	Vn	3mm vuggy ser-chl vein with associated chlorite alteration			
DEVD1	36.8	18	Vn	2mm pyrite>cpy vein			
DEVD1	41.35	45	Vn	3mm chl-py vein			
DEVD1	46.2	17	Vn	7mm hematite-pyrite vein			
DEVD1	46.3	20	Vn	4mm hematite-pyrite-calcite vein			
DEVD1	47.55	20	Vn	2mm chlorite-carbonate vein			
DEVD1	49.6	12	Vn	4cm MnOx 70%-py 30% vein with pyritohedron development			
DEVD1	50	15	Vn	5mm MnOx-py-chl vein			
DEVD1	56.7	80	Vn	2mm calcote vein			
DEVD1	63.7	15	Vn	chlorite-carbonate vein with apparent slickenside/striation			
DEVD1	65.2	20	Fr	brittle fracture			
DEVD1	66.3	40	Fr	brittle fracture			
DEVD1	70	40	Fr	brittle fracture			
DEVD1	70.6	17	Vn	chlorite-carbonate vein with apparent slickenside/striation			
DEVD1	78	8	Vn	2mm calcite-chlorite-pyrite vein			
DEVD1	78.4	45	Vn	3mm calcite>chlorite vein			
DEVD1							

Pluton Resources Ltd				Drill Core Recovery & RQD Log			
Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
DEVD1	2.6	5.6	3	0	0.00	0.00	0.00
DEVD1	5.6	8.6	3	0	0.00	0.00	0.00
DEVD1	8.6	11.6	3	0.68	22.67	0.13	4.33
DEVD1	11.6	12.5	0.9	0.25	27.78	0.00	0.00
DEVD1	12.5	13	0.5	0.26	52.00	0.18	36.00
DEVD1	13	13.6	0.6	0.10	16.67	0.00	0.00
DEVD1	13.6	14.5	0.9	0.53	58.89	0.22	24.44
DEVD1	14.5	16.2	1.7	1.44	84.71	0.10	5.88
DEVD1	16.2	17.6	1.4	1.18	84.29	0.40	28.57
DEVD1	17.6	18.5	0.9	0.62	68.89	0.00	0.00
DEVD1	18.5	19.8	1.3	1.03	79.23	0.00	0.00
DEVD1	19.8	20.4	0.6	0.55	91.67	0.00	0.00
DEVD1	20.4	20.5	0.1	0.11	110.00	0.00	0.00
DEVD1	20.5	21.2	0.7	0.76	108.57	0.00	0.00
DEVD1	21.2	22.4	1.2	1.13	94.17	0.00	0.00
DEVD1	22.4	23.6	1.2	1.22	101.67	0.32	26.67
DEVD1	23.6	25.4	1.8	1.52	84.44	0.00	0.00
DEVD1	25.4	26	0.6	0.52	86.67	0.29	48.33
DEVD1	26	26.5	0.5		0.00		0.00
DEVD1	26.5	28	1.5	0.57	38.00	0.17	11.33
DEVD1	28	29.6	1.6	1.32	82.50	0.39	24.38
DEVD1	29.6	31.4	1.8	1.64	91.11	0.00	0.00
DEVD1	31.4	31.6	0.2	0.17	85.00	0.00	0.00
DEVD1	31.6	32.1	0.5	0.53	106.00	0.15	30.00
DEVD1	32.1	34.1	2	1.50	75.00	0.44	22.00
DEVD1	34.1	35.6	1.5	1.51	100.67	0.47	31.33
DEVD1	35.6	37.7	2.1	2.12	100.95	0.35	16.67
DEVD1	37.7	38.3	0.6	0.52	86.67	0.00	0.00
DEVD1	38.3	40.1	1.8	1.75	97.22	0.41	22.78
DEVD1	40.1	41.2	1.1	0.96	87.27	0.52	47.27
DEVD1	41.2	41.6	0.4	0.58	145.00	0.28	70.00
DEVD1	41.6	43.5	1.9	0.51	26.84	0.13	6.84
DEVD1	43.5	43.8	0.3	0.22	73.33	0.00	0.00
DEVD1	43.8	44.2	0.4	0.58	145.00	0.00	0.00
DEVD1	44.2	45	0.8	0.93	116.25	0.59	73.75
DEVD1	45	47	2	2.08	104.00	1.36	68.00
DEVD1	47	48.6	1.6	1.52	95.00	1.30	81.25
DEVD1	48.6	50.6	2	1.92	96.00	0.70	35.00
DEVD1	50.6	51.5	0.9	0.90	100.00	0.00	0.00
DEVD1	51.5	52.9	1.4	1.32	94.29	0.18	12.86
DEVD1	52.9	53	0.1	0.10	100.00	0.00	0.00
DEVD1	53	53.7	0.7	0.50	71.43	0.00	0.00
DEVD1	53.7	54.9	1.2	1.16	96.67	0.32	26.67

DEVD1	54.9	55.8	0.9	0.67	74.44	0.00	0.00
DEVD1	55.8	56.6	0.8	0.81	101.25	0.16	20.00
DEVD1	56.6	59.3	2.7	2.63	97.41	1.48	54.81
DEVD1	59.3	60.5	1.2	1.40	116.67	0.40	33.33
DEVD1	60.5	62.5	2	1.83	91.50	0.91	45.50
DEVD1	62.5	62.8	0.3	0.25	83.33	0.16	53.33
DEVD1	62.8	64.8	2	2.01	100.50	1.05	52.50
DEVD1	64.8	66.8	2	1.96	98.00	1.03	51.50
DEVD1	66.8	68.6	1.8	1.86	103.33	0.77	42.78
DEVD1	68.6	70.8	2.2	2.27	103.18	1.04	47.27
DEVD1	70.8	73.4	2.6	2.49	95.77	1.23	47.31
DEVD1	73.4	77	3.6	3.17	88.06	2.49	69.17
DEVD1	77	78.4	1.4	1.32	94.29	0.47	33.57
DEVD1	78.4	80.6	2.2	2.70	122.73	2.34	106.36
DEVD1	80.6	83.6	3	2.92	97.33	2.24	74.67
DEVD1	83.6	86.6	3	3.06	102.00	2.85	95.00
DEVD1	86.6	89.6	3	2.90	96.67	2.46	82.00
DEVD1	89.6	90.7	1.1	1.11	100.91	0.72	65.45
DEVD1	90.7	92.6	1.9	1.91	100.53	1.69	88.95
DEVD1	92.6	95.6	3	2.88	96.00	2.62	87.33
DEVD1	95.6	95.9	0.3	0.27	90.00	0.00	0.00
DEVD1	95.9	98.6	2.7	2.75	101.85	0.99	36.67
DEVD1	98.6	100.7	2.1	2.10	100.00	1.16	55.24
DEVD1	100.7	103.4	2.7	2.36	87.41	1.25	46.30
DEVD1	103.4	104.6	1.2	1.38	115.00	0.95	79.17
DEVD1	104.6	107.6	3	2.96	98.67	2.11	70.33
DEVD1	107.6	110.6	3	3.02	100.67	1.83	61.00
DEVD1	110.6	110.9	0.3	0.17	56.67	0.00	0.00
DEVD1	110.9	112.1	1.2	1.09	90.83	0.76	63.33
DEVD1	112.1	115.2	3.1	3.10	100.00	2.03	65.48
DEVD1	115.2	118.7	3.5	3.02	86.29	1.75	50.00
DEVD1	118.7	119.6	0.9	1.20	133.33	0.89	98.89
DEVD1	119.6	122.6	3	3.05	101.67	1.67	55.67
DEVD1	122.6	123	0.4	0.40	100.00	0.00	0.00
DEVD1	123	125.6	2.6	2.58	99.23	0.80	30.77
DEVD1	125.6	128.6	3	2.88	96.00	1.49	49.67
DEVD1	128.6	131.6	3	2.97	99.00	1.56	52.00
DEVD1	131.6	133.8	2.2	1.04	47.27	0.00	0.00
DEVD1	133.8	136.9	3.1	2.73	88.06	0.67	21.61
DEVD1	136.9	139	2.1	1.66	79.05	0.23	10.95
DEVD1	139	140.6	1.6	1.51	94.38	0.34	21.25
DEVD1	140.6	141.5	0.9	0.80	88.89	0.00	0.00
DEVD1	141.5	143.6	2.1	2.12	100.95	1.28	60.95
DEVD1	143.6	146.6	3	2.87	95.67	2.47	82.33
DEVD1	146.6	149.6	3	2.88	96.00	1.39	46.33

DEVD1	149.6	150.2	0.6	0.65	108.33	0.23	38.33
DEVD1	150.2	151.5	1.3	1.20	92.31	0.00	0.00
DEVD1	151.5	152.6	1.1	1.15	104.55	0.68	61.82
DEVD1	152.6	153.9	1.3	1.35	103.85	0.45	34.62
DEVD1	153.9	155.6	1.7	1.62	95.29	0.86	50.59
DEVD1	155.6	158.6	3	3.05	101.67	1.29	43.00
DEVD1	158.6	161.6	3	3.05	101.67	1.05	35.00
DEVD1	161.6	164.6	3	2.92	97.33	2.67	89.00
DEVD1	164.6	167.6	3	3.02	100.67	2.61	87.00
DEVD1	167.6	168.8	1.2	1.18	98.33	0.00	0.00
DEVD1	168.8	170.4	1.6	1.45	90.63	0.10	6.25
DEVD1	170.4	173.5	3.1	3.10	100.00	0.90	29.03
DEVD1	173.5	175	1.5	1.43	95.33	0.11	7.33
DEVD1	175	176.6	1.6	1.47	91.88	0.17	10.63
DEVD1	176.6	178.1	1.5	1.40	93.33	0.60	40.00
DEVD1	178.1	179.6	1.5	1.42	94.67	0.31	20.67
DEVD1	179.6	182.6	3	2.92	97.33	0.67	22.33
DEVD1	182.6	185.6	3	2.97	99.00	1.32	44.00
DEVD1	185.6	186.6	1	0.96	96.00	0.11	11.00
DEVD1	186.6	188.6	2	2.06	103.00	0.80	40.00
DEVD1	188.6	189.6	1	1.01	101.00	0.19	19.00
DEVD1	189.6	190.5	0.9	0.79	87.78	0.18	20.00
DEVD1	190.5	190.7	0.2	0.22	110.00	0.00	0.00
DEVD1	190.7	193.8	3.1	3.01	97.10	2.91	93.87
DEVD1	193.8	196.8	3	3.02	100.67	2.20	73.33
DEVD1	196.8	198.6	1.8	1.73	96.11	1.59	88.33
DEVD1	198.6	200.6	2	2.01	100.50	1.67	83.50
DEVD1	200.6	203.6	3	2.72	90.67	2.20	73.33
DEVD1	203.6	206.6	3	3.13	104.33	2.52	84.00
DEVD1	206.6	209.6	3	3.05	101.67	2.69	89.67
DEVD1	209.6	212.6	3	3.08	102.67	1.96	65.33
DEVD1	212.6	215.6	3	2.99	99.67	2.06	68.67
DEVD1	215.6	217.6	2	2.03	101.50	1.92	96.00
DEVD1	217.6	220.7	3.1	3.08	99.35	2.45	79.03
DEVD1	220.7	223.7	3	3.05	101.67	1.92	64.00
DEVD1	223.7	226.8	3.1	3.06	98.71	2.76	89.03
DEVD1	226.8	229.9	3.1	3.07	99.03	2.77	89.35
DEVD1	229.9	233	3.1	3.03	97.74	2.52	81.29
DEVD1	233	236.1	3.1	2.98	96.13	2.62	84.52
DEVD1	236.1	239.1	3	2.94	98.00	2.57	85.67
DEVD1	239.1	241.3	2.2	2.32	105.45	1.80	81.82
DEVD1	241.3	244.4	3.1	3.13	100.97	2.56	82.58
DEVD1	244.4	247.5	3.1	3.00	96.77	2.94	94.84
DEVD1	247.5	250.6	3.1	3.04	98.06	2.31	74.52
DEVD1	250.6	253.6	3	3.02	100.67	2.95	98.33
	EOH						

Magnetic Susceptibility Log (all figures x 10-3 SI units) - Pluton Resources

Hole_ID	From	To	Avg Mag	Peak Mag	Hole_ID	From	To	Avg Mag	Peak Mag
DEVD1	8.00	10.00	Not Enough		DEVD1	132.00	134.00	Broken	
DEVD1	10.00	12.00	Not Enough		DEVD1	134.00	136.00	0.39	0.77
DEVD1	12.00	14.00	Not Enough		DEVD1	136.00	138.00	0.11	0.44
DEVD1	14.00	16.00	0.61	1.29	DEVD1	138.00	140.00	0.36	0.68
DEVD1	16.00	18.00	1.16	2.70	DEVD1	140.00	142.00	Broken	
DEVD1	18.00	20.00	Broken		DEVD1	142.00	144.00	0.15	0.43
DEVD1	20.00	22.00	Broken		DEVD1	144.00	146.00	0.09	0.83
DEVD1	22.00	24.00	0.64	1.44	DEVD1	146.00	148.00	0.25	0.62
DEVD1	24.00	26.00	0.29	1.00	DEVD1	148.00	150.00	0.01	0.21
DEVD1	26.00	28.00	0.48	1.17	DEVD1	150.00	152.00	-0.14	0.51
DEVD1	28.00	30.00	Broken		DEVD1	152.00	154.00	-0.01	0.18
DEVD1	30.00	32.00	Broken		DEVD1	154.00	156.00	0.10	0.47
DEVD1	32.00	34.00	0.80	2.89	DEVD1	156.00	158.00	0.13	0.61
DEVD1	34.00	36.00	0.55	1.51	DEVD1	158.00	160.00	0.21	0.52
DEVD1	36.00	38.00	0.30	0.80	DEVD1	160.00	162.00	0.08	0.44
DEVD1	38.00	40.00	0.47	0.89	DEVD1	162.00	164.00	0.19	1.21
DEVD1	40.00	42.00	0.72	1.70	DEVD1	164.00	166.00	-0.06	0.42
DEVD1	42.00	44.00	Broken		DEVD1	166.00	168.00	0.27	0.74
DEVD1	44.00	46.00	0.51	1.90	DEVD1	168.00	170.00	0.41	1.00
DEVD1	46.00	48.00	1.37	5.23	DEVD1	170.00	172.00	-0.06	0.21
DEVD1	48.00	50.00	0.60	1.35	DEVD1	172.00	174.00	0.14	0.96
DEVD1	50.00	52.00	0.39	1.06	DEVD1	174.00	176.00	0.12	0.38
DEVD1	52.00	54.00	Broken		DEVD1	176.00	178.00	0.44	0.61
DEVD1	54.00	56.00	0.57	1.28	DEVD1	178.00	180.00	0.25	0.51
DEVD1	56.00	58.00	0.62	1.72	DEVD1	180.00	182.00	0.22	0.86
DEVD1	58.00	60.00	0.30	0.51	DEVD1	182.00	184.00	0.06	0.53
DEVD1	60.00	62.00	0.64	1.55	DEVD1	184.00	186.00	0.14	0.46
DEVD1	62.00	64.00	0.65	1.62	DEVD1	186.00	188.00	0.45	1.01
DEVD1	64.00	66.00	0.25	1.64	DEVD1	188.00	190.00	0.30	0.92
DEVD1	66.00	68.00	0.21	0.41	DEVD1	190.00	192.00	0.15	0.53
DEVD1	68.00	70.00	0.32	0.90	DEVD1	192.00	194.00	0.17	0.85
DEVD1	70.00	72.00	0.27	1.09	DEVD1	194.00	196.00	0.12	0.67
DEVD1	72.00	74.00	0.85	3.40	DEVD1	196.00	198.00	0.36	1.03
DEVD1	74.00	76.00	0.49	1.99	DEVD1	198.00	200.00	0.02	0.46
DEVD1	76.00	78.00	0.23	0.93	DEVD1	200.00	202.00	-0.18	0.60
DEVD1	78.00	80.00	1.08	2.79	DEVD1	202.00	204.00	-0.08	0.31
DEVD1	80.00	82.00	0.36	0.74	DEVD1	204.00	206.00	-0.09	0.48
DEVD1	82.00	84.00	0.35	0.90	DEVD1	206.00	208.00	-0.12	0.47
DEVD1	84.00	86.00	0.22	0.81	DEVD1	208.00	210.00	-0.08	0.64
DEVD1	86.00	88.00	0.36	2.45	DEVD1	210.00	212.00	0.20	0.86
DEVD1	88.00	90.00	0.30	0.85	DEVD1	212.00	214.00	0.59	3.53
DEVD1	90.00	92.00	0.42	0.88	DEVD1	214.00	216.00	-0.02	0.54
DEVD1	92.00	94.00	0.18	0.64	DEVD1	216.00	218.00	0.90	4.98
DEVD1	94.00	96.00	0.48	1.33	DEVD1	218.00	220.00	-0.24	0.09
DEVD1	96.00	98.00	0.44	0.98	DEVD1	220.00	222.00	0.36	1.61
DEVD1	98.00	100.00	0.34	1.29	DEVD1	222.00	224.00	0.22	1.37
DEVD1	100.00	102.00	0.42	0.78	DEVD1	224.00	226.00	0.31	1.78
DEVD1	102.00	104.00	0.41	1.02	DEVD1	226.00	228.00	0.39	1.35
DEVD1	104.00	106.00	0.77	5.31	DEVD1	228.00	230.00	0.37	0.94
DEVD1	106.00	108.00	0.53	1.15	DEVD1	230.00	232.00	0.47	2.11
DEVD1	108.00	110.00	0.29	0.89	DEVD1	232.00	234.00	0.64	1.86
DEVD1	110.00	112.00	0.42	1.00	DEVD1	234.00	236.00	0.67	1.76
DEVD1	112.00	114.00	0.37	0.84	DEVD1	236.00	238.00	0.22	1.20
DEVD1	114.00	116.00	0.26	0.93	DEVD1	238.00	240.00	0.56	1.82
DEVD1	116.00	118.00	0.30	0.65	DEVD1	240.00	242.00	0.06	1.94
DEVD1	118.00	120.00	0.26	0.83	DEVD1	242.00	244.00	0.43	2.17
DEVD1	120.00	122.00	0.45	1.38	DEVD1	244.00	246.00	0.39	0.79
DEVD1	122.00	124.00	0.21	0.67	DEVD1	246.00	248.00	0.81	2.15
DEVD1	124.00	126.00	0.15	0.53	DEVD1	248.00	250.00	0.45	1.25
DEVD1	126.00	128.00	0.34	0.92	DEVD1	250.00	252.00	0.44	1.35
DEVD1	128.00	130.00	-0.04	0.83	DEVD1	252.00	253.60	1.30	2.43
DEVD1	130.00	132.00	0.51	1.34	**EOH**				

Pluton Resources Ltd						Down hole assay data							
Project	Prospect	Hole_ID	From	To	Spl_Id	Au_ppm	Ag_ppm	Co_ppm	Cu_ppm	Fe %	Pb_ppm	Zn_ppm	Lab Batch
Tas Porphyry	Devon Mine	DEVD1	80	81	154631	0.033	1.1	6	706	3.1	23	38	BR08069571
Tas Porphyry	Devon Mine	DEVD1	81	82	154632	0.006	-0.5	5	53	2.79	10	27	BR08069571
Tas Porphyry	Devon Mine	DEVD1	82	83	154633	0.006	-0.5	7	40	3.09	11	30	BR08069571
Tas Porphyry	Devon Mine	DEVD1	83	84	154634	0.008	-0.5	9	77	2.88	7	31	BR08069571
Tas Porphyry	Devon Mine	DEVD1	84	85	154635	0.011	-0.5	6	47	2.83	8	31	BR08069571
Tas Porphyry	Devon Mine	DEVD1	85	86	154636	0.007	-0.5	12	26	4.73	6	91	BR08069571
Tas Porphyry	Devon Mine	DEVD1	86	87	154637	0.003	-0.5	6	19	2.86	8	41	BR08069571
Tas Porphyry	Devon Mine	DEVD1	87	88	154638	0.018	-0.5	39	9	3.77	9	41	BR08069571
Tas Porphyry	Devon Mine	DEVD1	88	89	154639	0.005	-0.5	6	3	2.5	8	25	BR08069571
Tas Porphyry	Devon Mine	DEVD1	89	90	154640	0.004	-0.5	5	4	2.81	12	29	BR08069571
Tas Porphyry	Devon Mine	DEVD1	90	91	154641	0.006	-0.5	6	22	3.38	17	45	BR08069571
Tas Porphyry	Devon Mine	DEVD1	91	92	154642	0.006	-0.5	3	66	3.12	14	26	BR08069571
Tas Porphyry	Devon Mine	DEVD1	92	93	154643	0.005	-0.5	4	23	2.38	32	32	BR08069571
Tas Porphyry	Devon Mine	DEVD1	93	94	154644	0.002	-0.5	4	12	2.19	8	29	BR08069571
Tas Porphyry	Devon Mine	DEVD1	94	95	154645	0.004	-0.5	4	15	2.46	7	32	BR08069571
Tas Porphyry	Devon Mine	DEVD1	95	96	154646	0.003	-0.5	3	30	2.47	5	29	BR08069571
Tas Porphyry	Devon Mine	DEVD1	96	97	154647	0.035	-0.5	3	65	1.9	35	29	BR08069571
Tas Porphyry	Devon Mine	DEVD1	97	98	154648	0.004	-0.5	18	49	1.74	5	16	BR08069571
Tas Porphyry	Devon Mine	DEVD1	98	99	154649	0.005	-0.5	26	55	1.57	6	12	BR08069571
Tas Porphyry	Devon Mine	DEVD1	99	100	154650	0.005	-0.5	3	9	1.62	2	15	BR08069571
Tas Porphyry	Devon Mine	DEVD1	100	101	154651	0.003	-0.5	3	29	1.46	5	11	BR08069571
Tas Porphyry	Devon Mine	DEVD1	101	102	154652	0.029	-0.5	41	13	2.16	12	14	BR08069571
Tas Porphyry	Devon Mine	DEVD1	102	103	154653	0.016	-0.5	32	8	1.89	9	19	BR08069571
Tas Porphyry	Devon Mine	DEVD1	103	104	154654	0.015	1	88	13	3.55	143	28	BR08069571
Tas Porphyry	Devon Mine	DEVD1	104	105	154655	0.027	-0.5	110	4	4.64	13	33	BR08069571
Tas Porphyry	Devon Mine	DEVD1	105	106	154656	0.041	1.3	81	4	4.49	791	352	BR08069571
Tas Porphyry	Devon Mine	DEVD1	106	107	154657	0.065	1.1	79	11	4.9	507	264	BR08069571
Tas Porphyry	Devon Mine	DEVD1	107	108	154658	0.337	-0.5	112	5	4.98	109	96	BR08069571
Tas Porphyry	Devon Mine	DEVD1	108	109	154659	0.05	-0.5	52	1	3.86	4	40	BR08069571
Tas Porphyry	Devon Mine	DEVD1	109	110	154660	0.024	0.9	60	2	4.59	252	83	BR08069571
Tas Porphyry	Devon Mine	DEVD1	110	111	154661	0.009	-0.5	15	2	3.06	10	19	BR08069571
Tas Porphyry	Devon Mine	DEVD1	111	112	154662	0.03	-0.5	36	1	5.74	26	34	BR08069571
Tas Porphyry	Devon Mine	DEVD1	112	113	154663	0.036	-0.5	24	-1	3.88	6	12	BR08069571
Tas Porphyry	Devon Mine	DEVD1	113	114	154664	0.009	-0.5	6	-1	1.93	13	14	BR08069571
Tas Porphyry	Devon Mine	DEVD1	114	115	154665	0.01	-0.5	9	1	1.55	6	8	BR08069571
Tas Porphyry	Devon Mine	DEVD1	115	116	154666	0.061	-0.5	29	4	1.51	10	9	BR08069571
Tas Porphyry	Devon Mine	DEVD1	116	117	154667	0.025	-0.5	19	6	1.97	27	19	BR08069571
Tas Porphyry	Devon Mine	DEVD1	117	118	154668	0.008	-0.5	18	4	2.03	6	10	BR08069571
Tas Porphyry	Devon Mine	DEVD1	118	119	154669	0.009	-0.5	14	2	3.69	8	13	BR08069571
Tas Porphyry	Devon Mine	DEVD1	119	120	154670	0.037	-0.5	49	3	4.55	5	9	BR08069571
Tas Porphyry	Devon Mine	DEVD1	120	121	154671	0.016	-0.5	49	3	9.2	2	20	BR08069571
Tas Porphyry	Devon Mine	DEVD1	121	122	154672	0.003	-0.5	10	1	2.51	2	18	BR08069571
Tas Porphyry	Devon Mine	DEVD1	122	123	154673	0.002	-0.5	7	3	2.55	-2	12	BR08069571
Tas Porphyry	Devon Mine	DEVD1	123	124	154674	-0.001	-0.5	4	1	2.45	2	14	BR08069571
Tas Porphyry	Devon Mine	DEVD1	124	125	154675	0.001	-0.5	4	2	2.36	-2	12	BR08069571
Tas Porphyry	Devon Mine	DEVD1	125	126	154676	0.007	-0.5	35	2	3.33	-2	18	BR08069571
Tas Porphyry	Devon Mine	DEVD1	126	127	154677	0.004	-0.5	22	1	3.73	3	31	BR08069571
Tas Porphyry	Devon Mine	DEVD1	127	128	154678	-0.001	-0.5	4	1	2.57	6	14	BR08069571
Tas Porphyry	Devon Mine	DEVD1	128	129	154679	0.003	-0.5	8	1	1.71	7	10	BR08069571
Tas Porphyry	Devon Mine	DEVD1	129	130	154680	0.001	-0.5	7	45	2.44	17	24	BR08069571
Tas Porphyry	Devon Mine	DEVD1	130	131	154681	-0.001	-0.5	6	1	2.13	4	16	BR08069571
Tas Porphyry	Devon Mine	DEVD1	131	132	154682	0.023	-0.5	4	23	3.36	72	20	BR08069571
Tas Porphyry	Devon Mine	DEVD1	132	133	154683	0.011	-0.5	26	2	2.89	13	25	BR08069571
Tas Porphyry	Devon Mine	DEVD1	133	134	154684	0.002	-0.5	3	1	2.44	9	33	BR08069571
Tas Porphyry	Devon Mine	DEVD1	134	135	154685	0.004	-0.5	3	1	2.34	4	26	BR08069571
Tas Porphyry	Devon Mine	DEVD1	135	136	154686	0.001	-0.5	9	1	1.75	2	16	BR08069571
Tas Porphyry	Devon Mine	DEVD1	136	137	154687	0.003	-0.5	7	5	1.75	4	14	BR08069571
Tas Porphyry	Devon Mine	DEVD1	137	138	154688	0.006	-0.5	11	1	1.8	5	14	BR08069571
Tas Porphyry	Devon Mine	DEVD1	138	139	154689	0.006	-0.5	11	3	2.42	14	17	BR08069571
Tas Porphyry	Devon Mine	DEVD1	139	140	154690	0.029	-0.5	7	7	3.86	6	37	BR08069571
Tas Porphyry	Devon Mine	DEVD1	140	141	154691	0.001	-0.5	20	1	3.37	2	41	BR08069571
Tas Porphyry	Devon Mine	DEVD1	141	142	154692	-0.001	-0.5	6	-1	2.13	-2	19	BR08069571
Tas Porphyry	Devon Mine	DEVD1	142	143	154693	-0.001	-0.5	4	1	1.8	4	20	BR08069571
Tas Porphyry	Devon Mine	DEVD1	143	144	154694	-0.001	-0.5	5	3	1.9	6	20	BR08069571
Tas Porphyry	Devon Mine	DEVD1	144	145	154695	-0.001	-0.5	6	3	2.19	3	24	BR08069571
Tas Porphyry	Devon Mine	DEVD1	145	146	154696	-0.001	-0.5	6	2	2.1	3	18	BR08069571
Tas Porphyry	Devon Mine	DEVD1	146	147	154697	-0.001	-0.5	3	1	2.06	-2	21	BR08069571
Tas Porphyry	Devon Mine	DEVD1	147	148	154698	-0.001	-0.5	5	-1	1.79	8	20	BR08069571
Tas Porphyry	Devon Mine	DEVD1	148	149	154699	-0.001	-0.5	9	1	2.32	10	29	BR08069571
Tas Porphyry	Devon Mine	DEVD1	149	150	154700	-0.001	-0.5	6	-1	1.85	5	19	BR08069571
Tas Porphyry	Devon Mine	DEVD1	150	151	154701	0.003	-0.5	4	7	2.25	138	24	BR08069571
Tas Porphyry	Devon Mine	DEVD1	151	152	154702	-0.001	-0.5	2	42	2.15	8	18	BR08069571
Tas Porphyry	Devon Mine	DEVD1	152	153	154703	-0.001	-0.5	7	124	2.81	29	28	BR08069571
Tas Porphyry	Devon Mine	DEVD1	153	154	154704	-0.001	0.5	4	75	2.22	507	72	BR08069571
Tas Porphyry	Devon Mine	DEVD1	154	155	154705	-0.001	-0.5	2	9	1.93	234	77	BR08069571
Tas Porphyry	Devon Mine	DEVD1	155	156	154706	-0.001	-0.5	2	10	1.62	19	22	BR08069571
Tas Porphyry	Devon Mine	DEVD1	156	157	154707	-0.001	-0.5	2	7	1.54	9	14	BR08069571
Tas Porphyry	Devon Mine	DEVD1	157	158	154708	-0.001	-0.5	2	8	1.71	11	16	BR08069571
Tas Porphyry	Devon Mine	DEVD1	158	159	154709	-0.001	-0.5	2	8	1.59	6	12	BR08069571
Tas Porphyry	Devon Mine	DEVD1	159	160	154710	-0.001	-0.5	2	11	1.88	8	17	BR08069571
Tas Porphyry	Devon Mine	DEVD1	160	161	154711	-0.001	-0.5	1	12	1.86	13	16	BR08069571
Tas Porphyry	Devon Mine	DEVD1	161	162	154712	-0.001	-0.5	2	8	1.82	9	18	BR08069571
Tas Porphyry	Devon Mine	DEVD1	162	163	154713	-0.001	-0.5	2	11	1.83	4	15	BR08069571
Tas Porphyry	Devon Mine	DEVD1	163	164	154714	-0.001	-0.5	2	3	1.84	6	14	BR08069571
Tas Porphyry	Devon Mine	DEVD1	164	165	154715	-0.001	-0.5	4	2	1.69	6	12	BR08069571
Tas Porphyry	Devon Mine	DEVD1	165	166	154716	0.005	-0.5	6	1	1.94	6	13	BR08069571
Tas Porphyry	Devon Mine	DEVD1	166	167	154717	0.006	-0.5	10	2	2.39	3	18	BR08069571
Tas Porphyry	Devon Mine	DEVD1	167	168	154718	0.02	-0.5	8	1	1.74	12	13	BR08069571
Tas Porphyry	Devon Mine	DEVD1	168	169	154719	0.073	1.5	25	3	3.1	179	42	BR08069571
Tas Porphyry	Devon Mine	DEVD1	169	170	154720	0.002	-0.5	4	1	1.67	8	15	BR08069571
Tas Porphyry	Devon Mine	DEVD1	170	171	154721	0.017	-0.5	84	4	2.13	17	13	BR08069571

Tas Porphyry	Devon Mine	DEVD1	171	172	154722	0.001	-0.5	2	3	1.81	10	15	BR08069571
Tas Porphyry	Devon Mine	DEVD1	172	173	154723	0.001	-0.5	2	12	2.43	11	20	BR08069571
Tas Porphyry	Devon Mine	DEVD1	173	174	154724	-0.001	-0.5	2	14	1.83	8	14	BR08069571
Tas Porphyry	Devon Mine	DEVD1	174	175	154725	0.004	1.2	3	4	1.93	7	17	BR08069571
Tas Porphyry	Devon Mine	DEVD1	175	176	154726	-0.001	-0.5	2	3	2.07	10	20	BR08069571
Tas Porphyry	Devon Mine	DEVD1	176	177	154727	-0.001	-0.5	2	3	2.07	8	17	BR08069571
Tas Porphyry	Devon Mine	DEVD1	177	178	154728	0.083	-0.5	2	11	2.31	740	480	BR08069571
Tas Porphyry	Devon Mine	DEVD1	178	179	154729	-0.001	0.5	2	7	2.03	40	45	BR08069571
Tas Porphyry	Devon Mine	DEVD1	179	180	154730								BR08069571
Tas Porphyry	Devon Mine	DEVD1	180	181	154731	0.002	0.9	3	8	2.73	137	55	BR08069571
Tas Porphyry	Devon Mine	DEVD1	181	182	154732	0.002	-0.5	2	4	2.34	180	43	BR08069571
Tas Porphyry	Devon Mine	DEVD1	182	183	154733	0.002	-0.5	2	10	2.3	49	67	BR08069571
Tas Porphyry	Devon Mine	DEVD1	183	184	154734	0.001	-0.5	2	6	1.95	36	30	BR08069571
Tas Porphyry	Devon Mine	DEVD1	184	185	154735	-0.001	-0.5	2	5	1.98	51	29	BR08069571
Tas Porphyry	Devon Mine	DEVD1	185	186	154736	-0.001	-0.5	6	11	2.1	145	54	BR08069571
Tas Porphyry	Devon Mine	DEVD1	186	187	154737	0.003	-0.5	1	5	2.66	115	55	BR08069571
Tas Porphyry	Devon Mine	DEVD1	187	188	154738	-0.001	-0.5	3	85	2.83	69	62	BR08069571
Tas Porphyry	Devon Mine	DEVD1	188	189	154739	-0.001	-0.5	2	61	2.04	21	27	BR08069571
Tas Porphyry	Devon Mine	DEVD1	189	190	154740	0.001	-0.5	2	6	2.45	20	42	BR08069571
Tas Porphyry	Devon Mine	DEVD1	190	191	154741	0.001	-0.5	1	2	2.56	38	45	BR08069571
Tas Porphyry	Devon Mine	DEVD1	191	192	154742	-0.001	-0.5	4	7	2.05	48	87	BR08069571
Tas Porphyry	Devon Mine	DEVD1	192	193	154743	0.001	-0.5	4	26	2.37	61	97	BR08069571
Tas Porphyry	Devon Mine	DEVD1	193	194	154744	-0.001	-0.5	3	10	2.38	82	124	BR08069571
Tas Porphyry	Devon Mine	DEVD1	194	195	154745	-0.001	-0.5	2	12	2.83	112	113	BR08069571
Tas Porphyry	Devon Mine	DEVD1	195	196	154746	-0.001	-0.5	5	7	2.68	68	42	BR08069571
Tas Porphyry	Devon Mine	DEVD1	196	197	154747	0.001	-0.5	4	6	2.81	19	31	BR08069571
Tas Porphyry	Devon Mine	DEVD1	197	198	154748	-0.001	-0.5	3	7	2.95	21	25	BR08069571
Tas Porphyry	Devon Mine	DEVD1	198	199	154749	-0.001	-0.5	3	2	2.55	27	46	BR08069571
Tas Porphyry	Devon Mine	DEVD1	199	200	154750	0.002	-0.5	3	3	2.46	97	51	BR08069571
Tas Porphyry	Devon Mine	DEVD1	200	201	154751	-0.001	-0.5	1	1	2.37	54	43	BR08069571
Tas Porphyry	Devon Mine	DEVD1	201	202	154752	-0.001	-0.5	2	2	1.95	18	23	BR08069571
Tas Porphyry	Devon Mine	DEVD1	202	203	154753	0.212	5.7	6	67	2.27	2540	295	BR08069571
Tas Porphyry	Devon Mine	DEVD1	203	204	154754	0.003	-0.5	3	6	2.41	399	189	BR08069571
Tas Porphyry	Devon Mine	DEVD1	204	205	154755	0.002	-0.5	3	3	1.68	25	41	BR08069571
Tas Porphyry	Devon Mine	DEVD1	205	206	154756	0.002	-0.5	3	3	2.03	37	23	BR08069571
Tas Porphyry	Devon Mine	DEVD1	206	207	154757	-0.001	-0.5	3	2	1.84	38	20	BR08069571
Tas Porphyry	Devon Mine	DEVD1	207	208	154758	0.001	-0.5	4	1	2.22	13	19	BR08069571
Tas Porphyry	Devon Mine	DEVD1	208	209	154759	0.001	-0.5	3	4	2.23	23	36	BR08069571
Tas Porphyry	Devon Mine	DEVD1	209	210	154760	0.009	-0.5	4	26	2.87	56	79	BR08069571
Tas Porphyry	Devon Mine	DEVD1	210	211	154761	-0.001	-0.5	2	17	2.41	24	45	BR08069571
Tas Porphyry	Devon Mine	DEVD1	211	212	154762	-0.001	0.8	8	68	3.35	720	912	BR08069571
Tas Porphyry	Devon Mine	DEVD1	212	213	154763	-0.001	-0.5	7	62	3.54	38	32	BR08069571
Tas Porphyry	Devon Mine	DEVD1	213	214	154764	-0.001	-0.5	2	10	2.32	87	152	BR08069571
Tas Porphyry	Devon Mine	DEVD1	214	215	154765	0.001	-0.5	2	7	2.23	51	78	BR08069571
Tas Porphyry	Devon Mine	DEVD1	215	216	154766	-0.001	0.6	1	13	2.21	193	250	BR08069571
Tas Porphyry	Devon Mine	DEVD1	216	217	154767	-0.001	-0.5	3	71	2.44	93	155	BR08069571
Tas Porphyry	Devon Mine	DEVD1	217	218	154768	0.036	0.9	4	11	2.35	1000	517	BR08069571
Tas Porphyry	Devon Mine	DEVD1	218	219	154769	-0.001	-0.5	2	1	2.28	30	33	BR08069571
Tas Porphyry	Devon Mine	DEVD1	219	220	154770	-0.001	-0.5	2	3	2.38	20	28	BR08069571
		No sampling below 220m											

Summary Drill Log and Header — Pluton Resources Ltd.

PROJECT:	Tas Porphyry		**HOLE NO:**	**DEVD2**		**DRILL TYPE:**		Diamond
PROSPECT:	Devon Mine		DATE COMMENCED:	**6/03/2008**		**DRILLER:**		Boart Longyear
EL:	14/2006		DATE COMPLETED:	**31/03/2008**		LOGGED BY:		John McD
EASTING	422787.5	+ -	**TOTAL DEPTH (m):**	**176.2**		DATE:		5/05/2008
NORTHING	5397087.5	6m	**AZIMUTH:**	**282**		OXIDATION	BOPO:	21.7
COLLAR RL:	299	GPS	**DIP:**	**-45**			BOCO:	55.5

Drilling details

Core Size	From	To
HWT	0.00	15.00
HQ	0.00	102.30
NQ	102.30	176.20
BQ		

Comments

Hole designed to:- Test the possible northern plunge extent of the Devon Mine mineralisation. Hole intersected one base metal rich vein and a broad (44m wide) alteration zone, last KSP alteration was at 156m and last vein containing pyrite was at 165m, hole terminated at 176.2m.

Significant Intervals:

Hole_ID	From	To	Interval
DEVD2	31.00	32.00	1m @ 63.4 g/t Silver
DEVD2	73.00	76.00	3m @ 190ppm Cobalt and 40ppm Molybdenum
DEVD2	79.00	81.00	2m @ 177ppm Cobalt
DEVD2	83.00	84.00	1m @ 0.23% Copper
DEVD2	100.00	112.00	12m @ 0.12 g/t Gold, 6.3 g/t Silver and 165ppm Cobalt
including	101.00	104.00	3m @ 0.33 g/t Gold and 19.6 g/t Silver
and	101.00	102.00	1m @ 0.43 g/t Gold, 17.2 g/t Ag and 208ppm Cobalt
and	103.00	104.00	1m @ 0.39 g/t Gold, 41 g/t Silver, 0.69% Copper, 0.51% Lead and 0.77% Zinc
DEVD2	119.00	120.00	1m @ 103 g/t Silver

Summary Log

From	To	Graphic	Summary Description (Lith, Altn, Mineralisation)
0.00	14.70	Qs	River rubble, typically porphyry boulders and gravel
14.70	84.20	Cp	Variable potassic and slicified Plagioclase-biotite-quartz-K feldsapar porphyry, trace pyrite hematite and carbonate veins
84.20	99.60	Cu	Medium grey and occasionally pink dark spotted and splotched hornfels, trace pyrite, possibly porphyritic protolith
99.60	101.50	Cu	Potassically and propylitically altered country rock with 4 to 8% pyrite in blebs and veinlets.
101.50	103.40	Cu	Dark pyritic hornfels with Tourmaline alteration, carbonate veins to 15cm with one massive base metal rich vein (10cm)
103.40	143.70	Cu	Strongly silicified & potasically altered country rock with crackle breccias, carbonate veins + dark tourmaline altered zones, py to 4%, hem to 1%
143.70	165.60	Cu	Spotty black hornfels with potassic alteration, trace carbonate veins and trace pyrite
165.60	176.20	Cu	Dark grey weakly spotted hornfels

Down Hole Surveys - Pluton Resources									
Hole_ID	Depth	Azimuth	Dip	ID	Mag_azm	Type	Verified	Comment	Date
DEVD2	0	282	-45			2	Yes		1/03/2008
DEVD2	50	289	-46.5		276	1	Yes		18/03/2008
DEVD2	100	288.5	-46		275.5	1	Yes		22/03/2008
DEVD2	150	290	-44.5		277	1	Yes		29/03/2008
DEVD2	176.2	291	-45.5		278	1	Yes		31/03/2008
	EOH								

Pluton Resources Detailed Drill Log

Hole Number	DEVD2	**Sheet No**	1	Mineralisation / Alteration and additional descriptors

INTERVAL		**ROCK CODES**		**Alteration summary**				**Pyrite**		**Chalco**		**Moly**		**Magnet**		**Potassic**		**Phyllic**		**Propylitic**		**Argillic**		**Silicific'n**		**QVN**	**Other minerals / texture / colour**								**Full description:** **including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour	
0.00	14.70	Q	CALUV				W																										S	3A	River rubble consisting of precambrian metamorphics, hornfelsed Cambrian volcanics and with boulders of variously k-feldspar and silica altered porphyry
14.70	31.20	Cp	IFUND	Sil	Prop	KSP	M	Vn	0.02							P	vw			Rp	w			sP	w		Li	Vn	1				M/S	2A-2Br	Light grey and light brown plagioclase-biotite-quartz porphyry with chloritised hornblende and rare anhedral large K-feldspars to 1cm, typically limonitic on fractures and occasionally friable in completely weathered zones, unweathered in occasional white-grey silicified patches with white groundmass and strongly altered phenocrysts in particular noticably paler plagioclase pseudomorphs with light green cores, biotite typically black laths where less weathered and altered
31.20	43.00	Cp	IFUND	KSP			W	D	0.02							P	m			Vn	vw						He	Vn	0.02				W/M	3P-2Br	Light pinkish brown plagioclase-biotite-quartz-hornblende?-K-feldspar porphyry with potassically altered pink groundmass, anhedral quartz and K-feldspar, pale green and cream plagioclase, black lath like biotite and chloritised hornblende, occasinal veins with strong K-feldspar selvedge and occasional chlorite-carbonate veins
43.00	52.70	Cp	IFUND	Sil			T																	P	m		Cb	Vn	0.05				M	1A-3A	Light-medium grey plagioclase-quartz-biotite porphyry with occasional large anhedral milky white replaced? K-feldspar phenocrysts, anhedral tranlucent pale grey quartz, pale green and cream rimmed plagioclase phenocrysts to 4mm with typically unaltered dark biotite laths to 4mm long, hornblende not obvious as phenocryst component although may be altered, weakly xenolithic, looks almost crystal packed
52.70	54.30	Cp	IFUND	KSP												P	m/s							Rp	w								S	3P-2Br	Light pinkish brown moderately-strongly broken plagioclase-biotite-quartz-K-feldspar porphyry with potassically altered pink groundmass, anhedral quartz and K-feldspar, possible chloritied hornblende, pale green and cream plagioclase, black lath like biotite
54.30	56.50	Cp	IFUND	Prop	KSP		T									sP	w			Vn	m			sP	vw		Li	Vn	2				S	2Br-1O-2Gr	Light brown and orange plagioclase-quartz-biotite porphyry with green chloritic and sericitic alteration bands with moderate-strong alteration of phenocrysts, limonitic stain after strong goethite or MnOx veining
56.50	72.50	Cp	IFUND	Sil	KBI			Vn	0.02							sP	w			Vn	vw			P	w/m	w							W/M	2/4Br-1A	Light grey and medium brown plagioclase-biotite-quartz-K-feldspar porphyry with possible chloritised hornblende, large K-feldspars to 12mm are anhedral, yellow alteration near occasional carbonate veins
72.50	77.10	Cp	IFUND	KSP	Prop			Sp	2							sP	m/s			Vn	m						Ci	Vn	5				W	3P-4Gr	Light-medium orangish pink potassic altered plagioclase-quartz-biotite porphyry milky quartz phenocrysts and K-feldspar altered pink plagioclase pseudomorphsclearly indicate porphyry precursor, a large carbonate-chlorite pyrite vein dominates the interval with potential association of the K-feldspar halo, several other smaller carbonate veins also occur in this interval, K-feldspar development is pervasive and selectively replaces some pheno's with chlorite stockwork overprinting this in dark green altered stockworks
77.10	84.20	Cp	IFUND	Prop	KSP			Vn	0.5	Vn	0.2					Sp	vw			P	m						Ci	Vn	2				S	4Gr-4A	Dark grey and green propylitically altered quartz-plagioclase-biotite? Porphyry, significantly altered to chloritic groundmass with common carbonate veins with chloritic selvedges, anhedral quartz phenocrysts still well preserved, replaced plagioclase phenocrysts less distinct, minor K-feldspar pseudomorphs from KSP alteration 'leaking' from last interval, minor cream alteration zones (albite?)
84.20	99.60	Cu	VUND	KBI	KSP			D	0.2							P	m			Vn	w					vw	Ci	Vn	0.2				M/S	4/5A-3P>C	Medium grey and occasionally pink dark spotted and splotched hornfels of possible porphyritic volcanic or srongly altered porphyry, alteration is skarn like and destroys most primary textures, the spotting is similar to that in the river directly below the Devo track and was previously tentatively described as a spotted felsic volcanic, there are trace carbonate chlorite veins, trace disseminated pyrite and rare quartz-pyrite veins

Pluton Resources Detailed Drill Log

Hole Number	DEVD2	Sheet No	2	Mineralisation / Alteration and additional descriptors																															**Full description: including colour, main alteration** type and strength, **component minerals** (pref in order of abundance), **rock type, texture, alteration and mineralisation details** eg: pale green phyllic (moderate) quartz-feldspar phyric dacite porphyry, phenocrysts to 4mm, sericite (m) altered phenocrysts, silica (w) altered groundmass, pyrite(3-5%) as disseminations and minor veinlets
INTERVAL		**ROCK CODES**		**Alteration summary**				**Pyrite**		**Chalco**		**Moly**		**Magnet**		**Potassic**		**Phyllic**		**Propylitic**		**Argillic**		**Silicific'n**		**QVN**	**Other minerals / texture / colour**								
FROM (m)	TO (m)	Strat Code	Rock type	Primary Altn	2nd Altn	3rd Altn	Weathering	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount %	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Style	Amount (WMS)	Amount (WMS)	Mineral 1	Style	Amount %	Mineral 2	Style	Amount %	Broken (WMS)	Colour	
99.60	103.50	Cu	MHORN	Prop	Sil			Vn	5	Vn	0.3					P	vw			Vn	m			sP	w		Ga	Vn	0.1	Sp	Vn	0.1	S	4A-4Gr-2P	Dark grey and green propylitically altered country rock, highly altered and possibly hornfelsed, pervasively altered to chlorite, silca and K-feldspar, common carbonate veins to 15cm with poorly developed cockade texture, blebs and veinlets of pyrite common and one massive vein of cpy>spal>galena with cabonate and silca selvedge, calcite veins partially pink suggesting rhodochrosite or Mn influx
103.50	106.40	Cu	MHORN	KSP	Prop			Vn	2							P	s			Vn	w												M/S	4O/P>4A	Pinkish orange with dark grey propylitic overprint of srtongly altered potassic rock with trace carbonate veins and 2% pyrite as veins and blebs
106.40	110.90	Cu	OHBX	Prop	Hem	KSP		D	9							sP	w			Vn	s					w							M/S	N-5R-W-5Gr	Dark black and grey-green veined hydrothermal breccia with abundant carbonate, quartz and hematite veins with significant associated disseminated pyrite to 15% locally, black MnOx alteration, potassic/silicified wall rock burst breccias and weak hematite stockworking of veins, very strongly mineralised interval
110.90	125.00	Cu	MHORN	KSP	Sil			D	2							P	m			Vn	vw			sP	w/m								M/S	3P-3A	Light-med pinkish orange potassic and grey silicified banded hornfelsed (finely spotted) fine volcaniclstic or mudstone? With overprinting weak chlorite and MnOx veins in darker zones with associated dissem pyrite, banded appearance implies bedding, however may be an alteration feature only
125.00	125.90	Cu	OHBX	MnOx	Sil			D	2							P	w							P	m		Mn	Vn	30				M/S	N-W/2P	Dark black manganese oxide-chlorite veined breccia of potassic and silicified host roc a near jigsaw fit in situ brecciation of the host, 3% disseminated pyrite associated with the dark veining, a 'black and white' breccia
125.90	139.10	Cu	MHORN	KSP	Sil			D	1.5							P	m							sP	w/m								M	3O-3A	Light-med pinkish orange potassic and grey silicified banded hornfelsed (finely spotted) fine volcaniclstic or mudstone? With overprinting chlorite veins and MnOx veins in darker zones with associated disseminated pyrite, banded appearance implies bedding, occasional 'black and white' crackle and wallrock 'burst' breccias and MnOx-dissem py bands
139.10	143.70	Cu	OHBX	Sil	MnOx	KSP		D	4							P	w							P	m	vw	Mn	Vn	5				S	2A-N>2P	Light grey and pink pervasively silicified and weakly potassic country rock with significant hydrothermal brecciation by dark probable MnOx veins and vein swarms containing 8-15% pyrite as disseminations
143.70	165.60	Cu	MHORN	KSP	Sil			D	0.2							P	m							sP	w/m		Ci	Vn	0.5				M/S	4A-3O/P	Orangish pink and lesser cream hornfels with grey spotteding and occasionaly darker grey silicified zones, trace carbonate veins, not uniform banding, protoloth could be almost anything, probably fine grained, trace disseminated pyrite, occasional vein dykes of granitic material to 6cm consisting of K-feldspar and quartz, later parts of the interval have some potential quartz phenocrysts so porphyry protolith or diffuse intrusins are not ruled out
165.60	176.20	Cu	MHORN	Sil	KSP			D	0.1							sP	vw							P	m								M/S		Dark grey weakly spotted hornfels with zones of pinkish hornfels with a weak grey spotting, cream coloured zones may be albitic alteration?
	EOH																																		

Down Hole Structural Log - Pluton Resources							
Hole_ID	At	Core angle (LCA)	Structure_type	Comments	Azimuth (True)	Dip	Struc_ID
DEVD2	31.2	60	Vn	2cm scoriaceous vein with strong limonitic stain			
DEVD2	69.6	25	Vn	1cm carbonate vein with chlorite selvegde			
DEVD2	80	25	Vn	6cm brecciated carbonate-chlorite vein with significant pyrite			
DEVD2	97.4	25	Vn	1cm milky white quartz and pyrite vein			
DEVD2	103.4	40	Vn	carbonate vein with massive sulphide cpy-sphal-gal core			
DEVD2	107.4	30	Vn	Cb vein with hem and then py selvedge			
DEVD2	129.1	35	Vn	brecciated vein of probable MnOx with disseminated pyrite and wall rock breccia			
DEVD2	142.8	40	Vn	1cm quartz>cb vein			
DEVD2	149	45	Vn	1cm cb vein			
DEVD2							
DEVD2							
DEVD2							
DEVD2							
DEVD2							
DEVD2							
DEVD2							
DEVD2							
DEVD2							

Pluton Resources Ltd				Drill Core Recovery & RQD Log			
Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
DEVD2	0	11.2	11.2	0.00	0.0	0.00	0.0
DEVD2	11.2	11.7	0.5	0.35	70.0	0.00	0.0
DEVD2	11.7	13.6	1.9	1.15	60.5	0.00	0.0
DEVD2	13.6	14.6	1	0.91	91.0	0.00	0.0
DEVD2	14.6	15.2	0.6	0.74	123.3	0.00	0.0
DEVD2	15.2	15.3	0.1	0.10	100.0	0.00	0.0
DEVD2	15.3	16.3	1	0.89	89.0	0.00	0.0
DEVD2	16.3	16.6	0.3	0.18	60.0	0.00	0.0
DEVD2	16.6	17.7	1.1	0.96	87.3	0.10	9.1
DEVD2	17.7	20.1	2.4	2.15	89.6	1.06	44.2
DEVD2	20.1	20.7	0.6	0.54	90.0	0.00	0.0
DEVD2	20.7	22.4	1.7	1.52	89.4	0.72	42.4
DEVD2	22.4	24.5	2.1	1.85	88.1	0.20	9.5
DEVD2	24.5	26	1.5	1.28	85.3	0.11	7.3
DEVD2	26	29.2	3.2	2.88	90.0	0.43	13.4
DEVD2	29.2	31.3	2.1	1.85	88.1	0.27	12.9
DEVD2	31.3	32.1	0.8	0.72	90.0	0.27	33.8
DEVD2	32.1	33.1	1	0.88	88.0	0.48	48.0
DEVD2	33.1	34.8	1.7	1.65	97.1	0.10	5.9
DEVD2	34.8	38	3.2	2.87	89.7	1.13	35.3
DEVD2	38	43.9	5.9	5.59	94.7	2.34	39.7
DEVD2	43.9	45.5	1.6	1.44	90.0	0.14	8.7
DEVD2	45.5	45.6	0.1	0.50	500.0	0.00	0.0
DEVD2	45.6	48.5	2.9	2.89	99.7	0.98	33.8
DEVD2	48.5	51.5	3	2.77	92.3	0.46	15.3
DEVD2	51.5	54.5	3	2.90	96.7	0.72	24.0
DEVD2	54.5	57.5	3	2.71	90.3	0.73	24.3
DEVD2	57.5	60.5	3	2.79	93.0	1.10	36.7
DEVD2	60.5	63.5	3	3.03	101.0	1.50	50.0
DEVD2	63.5	63.8	0.3	0.35	116.7	0.12	40.0
DEVD2	63.8	66.5	2.7	2.59	95.9	1.12	41.5
DEVD2	66.5	69.5	3	2.88	96.0	1.37	45.7
DEVD2	69.5	72.5	3	3.00	100.0	2.16	72.0
DEVD2	72.5	75.5	3	2.97	99.0	2.50	83.3
DEVD2	75.5	78.5	3	3.04	101.3	2.96	98.7
DEVD2	78.5	81.5	3	3.02	100.7	1.49	49.7
DEVD2	81.5	84.5	3	2.99	99.7	1.84	61.3
DEVD2	84.5	87.1	2.6	2.44	93.8	0.65	25.0
DEVD2	87.1	90.2	3.1	3.02	97.4	0.82	26.5
DEVD2	90.2	93.1	2.9	3.00	103.4	1.28	44.1
DEVD2	93.1	94.3	1.2	1.06	88.3	0.10	8.3
DEVD2	94.3	95.9	1.6	1.47	91.9	0.00	0.0
DEVD2	95.9	99	3.1	2.86	92.3	1.14	36.8

Hole_ID	From	To	Interval	Measured	Recovery%	Lengths>10cm	RQD %
DEVD2	99	99.1	0.1	0.04	40.0	0.00	0.0
DEVD2	99.1	99.6	0.5	0.62	124.0	0.20	40.0
DEVD2	99.6	100.5	0.9	0.62	68.9	0.00	0.0
DEVD2	100.5	101.8	1.3	0.88	67.7	0.25	19.2
DEVD2	101.8	102.4	0.6	0.68	113.3	0.42	70.0
DEVD2	102.4	105.5	3.1	3.00	96.8	1.90	61.3
DEVD2	105.5	106	0.5	0.38	76.0	0.12	24.0
DEVD2	106	108.5	2.5	2.53	101.2	1.89	75.6
DEVD2	108.5	111.1	2.6	2.48	95.4	1.33	51.2
DEVD2	111.1	112.6	1.5	1.50	100.0	0.10	6.7
DEVD2	112.6	113.4	0.8	0.77	96.2	0.00	0.0
DEVD2	113.4	114.3	0.9	0.33	36.7	0.11	12.2
DEVD2	114.3	116.1	1.8	1.59	88.3	0.00	0.0
DEVD2	116.1	119.2	3.1	2.94	94.8	0.80	25.8
DEVD2	119.2	120.4	1.2	1.07	89.2	0.32	26.7
DEVD2	120.4	121.1	0.7	0.73	104.3	0.10	14.3
DEVD2	121.1	123.3	2.2	2.04	92.7	1.02	46.4
DEVD2	123.3	125.8	2.5	2.43	97.2	0.79	31.6
DEVD2	125.8	128.6	2.8	2.60	92.9	1.30	46.4
DEVD2	128.6	130.7	2.1	2.16	102.9	0.87	41.4
DEVD2	130.7	132.3	1.6	1.60	100.0	0.79	49.4
DEVD2	132.3	135.4	3.1	3.03	97.7	1.65	53.2
DEVD2	135.4	138	2.6	2.67	102.7	1.66	63.8
DEVD2	138	141.1	3.1	3.01	97.1	2.56	82.6
DEVD2	141.1	143.7	2.6	2.10	80.8	0.99	38.1
DEVD2	143.7	144.7	1	0.77	77.0	0.13	13.0
DEVD2	144.7	146.3	1.6	1.56	97.5	0.33	20.6
DEVD2	146.3	147.9	1.6	1.63	101.9	0.35	21.9
DEVD2	147.9	149.3	1.4	1.31	93.6	0.43	30.7
DEVD2	149.3	150.5	1.2	1.19	99.2	0.22	18.3
DEVD2	150.5	151.4	0.9	0.89	98.9	0.19	21.1
DEVD2	151.4	153	1.6	1.54	96.3	0.53	33.1
DEVD2	153	153.6	0.6	0.58	96.7	0.00	0.0
DEVD2	153.6	155.8	2.2	2.18	99.1	0.45	20.5
DEVD2	155.8	156.6	0.8	0.70	87.5	0.00	0.0
DEVD2	156.6	159.5	2.9	2.85	98.3	0.89	30.7
DEVD2	159.5	162.5	3	2.99	99.7	1.84	61.3
DEVD2	162.5	164.7	2.2	2.12	96.4	1.13	51.4
DEVD2	164.7	166.9	2.2	2.25	102.3	0.70	31.8
DEVD2	166.9	168.2	1.3	1.24	95.4	0.50	38.5
DEVD2	168.2	170.8	2.6	2.36	90.8	0.83	31.9
DEVD2	170.8	172	1.2	1.14	95.0	0.26	21.7
DEVD2	172	174.5	2.5	2.45	98.0	0.72	28.8
DEVD2	174.5	176.7	2.2	2.17	98.6	0.94	42.7
		EOH					

Pluton Resources Ltd						Down hole assay data							
Project	Prospect	Hole_ID	From	To	Spl_Id	Au_ppm	Ag_ppm	Co_ppm	Cu_ppm	Fe %	Pb_ppm	Zn_ppm	Lab Batch
Tas Porphyry	Devon Mine	DEVD2	30	31	154831	0.003	-0.5	6	18	3.02	11	36	BR08086971
Tas Porphyry	Devon Mine	DEVD2	31	32	154832	0.004	63.4	13	123	2.98	6	54	BR08086971
Tas Porphyry	Devon Mine	DEVD2	32	33	154833	0.003	1.4	8	12	2.69	7	20	BR08086971
Tas Porphyry	Devon Mine	DEVD2	33	34	154834	0.004	8.7	24	22	2.57	11	24	BR08086971
Tas Porphyry	Devon Mine	DEVD2	34	35	154835	0.005	0.9	14	16	2.71	4	35	BR08086971
Tas Porphyry	Devon Mine	DEVD2	35	36	154836	0.002	-0.5	7	8	2.72	8	24	BR08086971
Tas Porphyry	Devon Mine	DEVD2	36	37	154837	0.002	-0.5	6	9	2.48	8	32	BR08086971
Tas Porphyry	Devon Mine	DEVD2	37	38	154838	0.002	0.6	5	7	2.23	5	22	BR08086971
Tas Porphyry	Devon Mine	DEVD2	38	39	154839	0.003	-0.5	4	9	2.46	5	29	BR08086971
Tas Porphyry	Devon Mine	DEVD2	39	40	154840	0.051	-0.5	10	8	3.14	5	26	BR08086971
Tas Porphyry	Devon Mine	DEVD2	40	41	154841	0.003	-0.5	11	9	3.59	118	36	BR08086971
Tas Porphyry	Devon Mine	DEVD2	41	42	154842	0.003	-0.5	5	11	2.65	6	26	BR08086971
Tas Porphyry	Devon Mine	DEVD2	42	43	154843	0.002	-0.5	2	8	1.95	14	24	BR08086971
Tas Porphyry	Devon Mine	DEVD2	43	44	154844	0.004	-0.5	5	6	2.43	10	32	BR08086971
Tas Porphyry	Devon Mine	DEVD2	44	45	154845	0.003	0.7	4	7	2.92	5	27	BR08086971
Tas Porphyry	Devon Mine	DEVD2	45	46	154846	0.002	0.5	4	12	2.76	6	26	BR08086971
Tas Porphyry	Devon Mine	DEVD2	46	47	154847	0.003	-0.5	3	5	2.17	8	30	BR08086971
Tas Porphyry	Devon Mine	DEVD2	47	48	154848	0.003	0.7	4	6	2.6	5	28	BR08086971
Tas Porphyry	Devon Mine	DEVD2	48	49	154849	0.003	0.6	3	19	2.2	11	29	BR08086971
Tas Porphyry	Devon Mine	DEVD2	49	50	154850	0.002	-0.5	5	8	2.89	9	25	BR08086971
Tas Porphyry	Devon Mine	DEVD2	50	51	154851	0.002	-0.5	2	10	1.89	8	20	BR08086971
Tas Porphyry	Devon Mine	DEVD2	51	52	154852	0.004	0.6	4	13	2.2	7	34	BR08086971
Tas Porphyry	Devon Mine	DEVD2	52	53	154853	0.002	0.5	3	9	2.6	15	36	BR08086971
Tas Porphyry	Devon Mine	DEVD2	53	54	154854	0.003	1.5	4	11	2.61	7	38	BR08086971
Tas Porphyry	Devon Mine	DEVD2	54	55	154855	0.014	-0.5	24	27	3.29	39	37	BR08086971
Tas Porphyry	Devon Mine	DEVD2	55	56	154856	0.024	0.5	46	15	4.67	68	53	BR08086971
Tas Porphyry	Devon Mine	DEVD2	56	57	154857	0.003	-0.5	2	22	1.64	13	22	BR08086971
Tas Porphyry	Devon Mine	DEVD2	57	58	154858	0.003	2	2	19	1.8	33	67	BR08086971
Tas Porphyry	Devon Mine	DEVD2	58	59	154859	0.002	0.5	4	7	2.31	39	54	BR08086971
Tas Porphyry	Devon Mine	DEVD2	59	60	154860	0.002	-0.5	4	26	2.24	9	27	BR08086971
Tas Porphyry	Devon Mine	DEVD2	60	61	154861	0.001	-0.5	4	6	2.4	7	20	BR08086971
Tas Porphyry	Devon Mine	DEVD2	61	62	154862	0.002	-0.5	5	4	2.49	10	26	BR08086971
Tas Porphyry	Devon Mine	DEVD2	62	63	154863	0.003	-0.5	5	11	2.6	14	25	BR08086971
Tas Porphyry	Devon Mine	DEVD2	63	64	154864	0.004	-0.5	5	43	2.89	13	33	BR08086971
Tas Porphyry	Devon Mine	DEVD2	64	65	154865	0.003	-0.5	5	27	3	22	31	BR08086971
Tas Porphyry	Devon Mine	DEVD2	65	66	154866	0.003	-0.5	6	52	3.03	42	34	BR08086971
Tas Porphyry	Devon Mine	DEVD2	66	67	154867	0.003	-0.5	6	15	3.04	54	35	BR08086971
Tas Porphyry	Devon Mine	DEVD2	67	68	154868	0.002	-0.5	6	36	3.48	50	49	BR08086971
Tas Porphyry	Devon Mine	DEVD2	68	69	154869	0.001	-0.5	5	28	3.42	32	43	BR08086971
Tas Porphyry	Devon Mine	DEVD2	69	70	154870	0.002	-0.5	11	8	3.61	36	47	BR08086971
Tas Porphyry	Devon Mine	DEVD2	70	71	154871	0.001	-0.5	5	3	2.84	14	33	BR08086971
Tas Porphyry	Devon Mine	DEVD2	71	72	154872	0.001	-0.5	9	3	2.49	9	26	BR08086971
Tas Porphyry	Devon Mine	DEVD2	72	73	154873	0.005	-0.5	34	4	2.87	24	30	BR08086971
Tas Porphyry	Devon Mine	DEVD2	73	74	154874	0.02	-0.5	96	5	3.47	29	31	BR08086971
Tas Porphyry	Devon Mine	DEVD2	74	75	154875	0.021	0.8	296	5	5.97	26	66	BR08086971
Tas Porphyry	Devon Mine	DEVD2	75	76	154876	0.03	0.9	178	8	5.3	36	31	BR08086971
Tas Porphyry	Devon Mine	DEVD2	76	77	154877	0.003	-0.5	18	1	2.57	25	36	BR08086971
Tas Porphyry	Devon Mine	DEVD2	77	78	154878	0.002	-0.5	11	3	3.16	23	48	BR08086971
Tas Porphyry	Devon Mine	DEVD2	78	79	154879	0.002	-0.5	29	8	4.09	16	47	BR08086971

Tas Porphyry	Devon Mine	DEVD2	79	80	154880	0.007	0.6	151	7	4.62	119	185	BR08086971
Tas Porphyry	Devon Mine	DEVD2	80	81	154881	0.006	0.6	203	11	4.43	37	78	BR08086971
Tas Porphyry	Devon Mine	DEVD2	81	82	154882	0.009	-0.5	31	23	3.92	110	41	BR08086971
Tas Porphyry	Devon Mine	DEVD2	82	83	154883	0.01	0.6	24	37	3.71	343	43	BR08086971
Tas Porphyry	Devon Mine	DEVD2	83	84	154884	0.011	0.8	24	2320	3.45	31	61	BR08086971
Tas Porphyry	Devon Mine	DEVD2	84	85	154885	0.002	-0.5	7	81	2.62	25	35	BR08086971
Tas Porphyry	Devon Mine	DEVD2	85	86	154886	0.001	-0.5	6	53	3.17	22	40	BR08086971
Tas Porphyry	Devon Mine	DEVD2	86	87	154887	0.001	-0.5	2	114	3.89	15	37	BR08086971
Tas Porphyry	Devon Mine	DEVD2	87	88	154888	0.001	-0.5	4	37	3.63	25	34	BR08086971
Tas Porphyry	Devon Mine	DEVD2	88	89	154889	0.001	-0.5	1	25	4.08	7	22	BR08086971
Tas Porphyry	Devon Mine	DEVD2	89	90	154890	0.002	-0.5	2	84	4.17	6	18	BR08086971
Tas Porphyry	Devon Mine	DEVD2	90	91	154891	0.004	-0.5	25	29	3.89	14	37	BR08086971
Tas Porphyry	Devon Mine	DEVD2	91	92	154892	0.002	-0.5	8	64	3.31	8	32	BR08086971
Tas Porphyry	Devon Mine	DEVD2	92	93	154893	0.002	-0.5	5	88	2.94	10	24	BR08086971
Tas Porphyry	Devon Mine	DEVD2	93	94	154894	0.002	-0.5	7	21	2.37	8	17	BR08086971
Tas Porphyry	Devon Mine	DEVD2	94	95	154895	0.005	-0.5	18	39	2.37	7	22	BR08086971
Tas Porphyry	Devon Mine	DEVD2	95	96	154896	0.001	-0.5	11	12	2.35	14	28	BR08086971
Tas Porphyry	Devon Mine	DEVD2	96	97	154897	0.015	-0.5	117	15	3.79	25	25	BR08086971
Tas Porphyry	Devon Mine	DEVD2	97	98	154898	0.004	-0.5	27	52	2.89	15	25	BR08086971
Tas Porphyry	Devon Mine	DEVD2	98	99	154899	0.002	-0.5	8	258	2.7	13	22	BR08086971
Tas Porphyry	Devon Mine	DEVD2	99	100	154900	0.002	-0.5	8	139	2.77	5	19	BR08086971
Tas Porphyry	Devon Mine	DEVD2	100	101	154901	0.035	0.7	103	42	5.44	209	68	BR08086971
Tas Porphyry	Devon Mine	DEVD2	101	102	154902	0.433	17.2	208	97	5.65	251	219	BR08086971
Tas Porphyry	Devon Mine	DEVD2	102	103	154903	0.158	0.5	78	6	4.19	12	53	BR08086971
Tas Porphyry	Devon Mine	DEVD2	103	104	154904	0.39	41.1	46	6870	3.93	5130	7700	BR08086971
Tas Porphyry	Devon Mine	DEVD2	104	105	154905	0.019	0.7	42	82	2.54	51	121	BR08086971
Tas Porphyry	Devon Mine	DEVD2	105	106	154906	0.033	-0.5	83	26	2.86	17	32	BR08086971
Tas Porphyry	Devon Mine	DEVD2	106	107	154907	0.016	-0.5	118	7	4.36	14	24	BR08086971
Tas Porphyry	Devon Mine	DEVD2	107	108	154908	0.02	0.6	153	7	7.38	10	28	BR08086971
Tas Porphyry	Devon Mine	DEVD2	108	109	154909	0.077	0.5	532	3	11.45	9	24	BR08086971
Tas Porphyry	Devon Mine	DEVD2	109	110	154910	0.026	0.6	175	43	8.05	38	59	BR08086971
Tas Porphyry	Devon Mine	DEVD2	110	111	154911	0.019	0.6	81	3	11.15	11	19	BR08086971
Tas Porphyry	Devon Mine	DEVD2	111	112	154912	0.016	-0.5	33	4	3.68	7	21	BR08086971
Tas Porphyry	Devon Mine	DEVD2	112	113	154913	0.008	0.7	31	7	2.35	2	22	BR08086971
Tas Porphyry	Devon Mine	DEVD2	113	114	154914	0.01	-0.5	29	7	2.59	6	25	BR08086971
Tas Porphyry	Devon Mine	DEVD2	114	115	154915	0.035	0.5	46	4	4.02	7	36	BR08086971
Tas Porphyry	Devon Mine	DEVD2	115	116	154916	0.005	-0.5	24	3	2.38	2	18	BR08086971
Tas Porphyry	Devon Mine	DEVD2	116	117	154917	0.008	-0.5	38	3	2.56	4	20	BR08086971
Tas Porphyry	Devon Mine	DEVD2	117	118	154918	0.011	-0.5	30	2	3.43	5	30	BR08086971
Tas Porphyry	Devon Mine	DEVD2	118	119	154919	0.012	-0.5	65	5	3.05	3	22	BR08086971
Tas Porphyry	Devon Mine	DEVD2	119	120	154920	0.018	103	39	222	2.79	7	25	BR08086971
Tas Porphyry	Devon Mine	DEVD2	120	121	154921	0.004	0.6	19	4	2.48	2	19	BR08086971
Tas Porphyry	Devon Mine	DEVD2	121	122	154922	0.009	-0.5	45	3	3.42	6	29	BR08086971
Tas Porphyry	Devon Mine	DEVD2	122	123	154923	0.01	-0.5	39	7	3.14	6	35	BR08086971
Tas Porphyry	Devon Mine	DEVD2	123	124	154924	0.043	0.6	68	7	4.32	27	45	BR08086971
Tas Porphyry	Devon Mine	DEVD2	124	125	154925	0.009	-0.5	39	7	2.63	4	22	BR08086971
Tas Porphyry	Devon Mine	DEVD2	125	126	154926	0.011	1.5	76	8	4.33	4	28	BR08086971
Tas Porphyry	Devon Mine	DEVD2	126	127	154927	0.014	-0.5	68	3	3.57	4	20	BR08086971
Tas Porphyry	Devon Mine	DEVD2	127	128	154928	0.013	-0.5	87	4	3.76	9	20	BR08086971
Tas Porphyry	Devon Mine	DEVD2	128	129	154929	0.017	-0.5	72	4	3.58	8	23	BR08086971
Tas Porphyry	Devon Mine	DEVD2	129	130	154930	0.017	-0.5	54	4	3.53	7	21	BR08086971

Tas Porphyry	Devon Mine	DEVD2	130	131	154931	0.007	-0.5	28	6	2.21	25	37	BR08086971
Tas Porphyry	Devon Mine	DEVD2	131	132	154932	0.009	-0.5	20	7	2.06	5	17	BR08086971
Tas Porphyry	Devon Mine	DEVD2	132	133	154933	0.006	-0.5	64	29	2.56	6	16	BR08086971
Tas Porphyry	Devon Mine	DEVD2	133	134	154934	0.006	-0.5	31	225	1.82	4	14	BR08086971
Tas Porphyry	Devon Mine	DEVD2	134	135	154935	0.008	-0.5	32	24	2.07	4	18	BR08086971
Tas Porphyry	Devon Mine	DEVD2	135	136	154936	0.012	-0.5	29	13	2.24	2	16	BR08086971
Tas Porphyry	Devon Mine	DEVD2	136	137	154937	0.01	-0.5	19	83	1.74	2	12	BR08086971
Tas Porphyry	Devon Mine	DEVD2	137	138	154938	0.017	-0.5	33	12	2.11	2	18	BR08086971
Tas Porphyry	Devon Mine	DEVD2	138	139	154939	0.006	-0.5	40	140	2.2	4	13	BR08086971
Tas Porphyry	Devon Mine	DEVD2	139	140	154940	0.005	-0.5	23	21	1.93	3	11	BR08086971
Tas Porphyry	Devon Mine	DEVD2	140	141	154941	0.016	-0.5	39	26	3.01	-2	16	BR08086971
Tas Porphyry	Devon Mine	DEVD2	141	142	154942	0.015	-0.5	105	8	3.73	5	23	BR08086971
Tas Porphyry	Devon Mine	DEVD2	142	143	154943	0.015	-0.5	114	6	5.43	6	33	BR08086971
Tas Porphyry	Devon Mine	DEVD2	143	144	154944	0.007	-0.5	33	6	2.79	4	19	BR08086971
Tas Porphyry	Devon Mine	DEVD2	144	145	154945	0.002	-0.5	7	4	1.75	-2	21	BR08086971
Tas Porphyry	Devon Mine	DEVD2	145	146	154946	0.006	-0.5	14	1	1.92	2	16	BR08086971
Tas Porphyry	Devon Mine	DEVD2	146	147	154947	0.004	-0.5	3	1	1.52	2	11	BR08086971
Tas Porphyry	Devon Mine	DEVD2	147	148	154948	0.001	-0.5	12	1	2.08	3	16	BR08086971
Tas Porphyry	Devon Mine	DEVD2	148	149	154949	-0.001	-0.5	9	5	2.03	10	21	BR08086971
Tas Porphyry	Devon Mine	DEVD2	149	150	154950	-0.001	-0.5	5	4	2.14	7	27	BR08086971
Tas Porphyry	Devon Mine	DEVD2	150	151	154951	0.008	-0.5	33	10	2.55	22	24	BR08086971
Tas Porphyry	Devon Mine	DEVD2	151	152	154952	0.001	-0.5	4	30	1.82	10	20	BR08086971
Tas Porphyry	Devon Mine	DEVD2	152	153	154953	-0.001	-0.5	1	66	1.49	10	13	BR08086971
Tas Porphyry	Devon Mine	DEVD2	153	154	154954	-0.001	-0.5	1	31	1.33	5	11	BR08086971
Tas Porphyry	Devon Mine	DEVD2	154	155	154955	0.001	-0.5	3	22	1.39	4	13	BR08086971
Tas Porphyry	Devon Mine	DEVD2	155	156	154956	0.007	0.9	5	502	1.74	79	21	BR08086971
Tas Porphyry	Devon Mine	DEVD2	156	157	154957	-0.001	-0.5	1	43	1	10	10	BR08086971
Tas Porphyry	Devon Mine	DEVD2	157	158	154958	0.002	-0.5	8	125	1.86	44	62	BR08086971
Tas Porphyry	Devon Mine	DEVD2	158	159	154959	-0.001	-0.5	1	13	1.49	9	20	BR08086971
Tas Porphyry	Devon Mine	DEVD2	159	160	154960	0.001	-0.5	1	13	1.27	10	15	BR08086971
Tas Porphyry	Devon Mine	DEVD2	160	161	154961	0.001	-0.5	3	99	2.08	13	29	BR08086971
Tas Porphyry	Devon Mine	DEVD2	161	162	154962	0.003	-0.5	6	178	2.31	14	29	BR08086971
Tas Porphyry	Devon Mine	DEVD2	162	163	154963	0.001	-0.5	5	61	2.37	12	41	BR08086971
Tas Porphyry	Devon Mine	DEVD2	163	164	154964	-0.001	-0.5	5	62	1.92	46	80	BR08086971
Tas Porphyry	Devon Mine	DEVD2	164	165	154965	0.002	-0.5	4	173	2.03	8	32	BR08086971
Tas Porphyry	Devon Mine	DEVD2	165	166	154966	0.001	-0.5	5	147	1.94	15	29	BR08086971
Tas Porphyry	Devon Mine	DEVD2	166	167	154967	0.003	0.6	9	376	1.96	30	35	BR08086971
Tas Porphyry	Devon Mine	DEVD2	167	168	154968	0.003	-0.5	7	195	1.84	12	23	BR08086971
Tas Porphyry	Devon Mine	DEVD2	168	169	154969	0.002	-0.5	5	70	2.13	39	45	BR08086971
Tas Porphyry	Devon Mine	DEVD2	169	170	154970	0.001	0.5	5	77	2	194	68	BR08086971
Tas Porphyry	Devon Mine	DEVD2	170	171	154971	0.006	0.6	3	113	2.22	220	198	BR08086971
Tas Porphyry	Devon Mine	DEVD2	171	172	154972	0.001	-0.5	5	141	1.71	81	38	BR08086971
Tas Porphyry	Devon Mine	DEVD2	172	173	154973	0.001	-0.5	5	97	1.61	52	48	BR08086971
Tas Porphyry	Devon Mine	DEVD2	173	174	154974	-0.001	-0.5	2	94	1.55	6	31	BR08086971
Tas Porphyry	Devon Mine	DEVD2	174	175	154975	-0.001	-0.5	2	442	1.7	7	37	BR08086971
Tas Porphyry	Devon Mine	DEVD2	175	176	154976	0.002	-0.5	7	144	1.99	53	53	BR08086971
Tas Porphyry	Devon Mine	DEVD2	176	176.7	154977	0.002	0.6	7	33	1.85	1065	156	BR08086971
				EOH									

Pluton Resources Ltd																		
Project	Prospect	Hole_ID	From	To	Spl_Id	Au_ppm	Au_R	Au_RFA	Ag_ppm	Al_%	As_ppm	Ba_ppm	Be_ppm	Bi_ppm	Ca_%	Cd_ppm	Ce_ppm	Co_ppm
Tas Porphyry	Devon Mine	DEVD2	30	35	154835C					6.47	8.4	1090	3.04	0.15	1.25	0.08	137.5	
Tas Porphyry	Devon Mine	DEVD2	35	40	154840C					6.62	0.4	560	3.53	0.11	1.61	<0.02	89	
Tas Porphyry	Devon Mine	DEVD2	40	45	154845C					6.55	0.6	400	4.18	0.34	1.92	0.04	50.2	
Tas Porphyry	Devon Mine	DEVD2	45	50	154850C					6.72	0.7	480	4.3	0.47	1.69	0.05	58.9	
Tas Porphyry	Devon Mine	DEVD2	50	55	154855C					6.71	2.3	430	4.18	0.55	1.15	0.07	52.1	
Tas Porphyry	Devon Mine	DEVD2	55	60	154860C					6.38	6.2	360	4.09	0.6	1.32	0.14	44.2	
Tas Porphyry	Devon Mine	DEVD2	60	65	154865C					6.38	2.2	480	3.87	0.91	1.96	0.05	40.6	
Tas Porphyry	Devon Mine	DEVD2	65	70	154870C					6.34	3.5	570	3.5	2.36	1.9	0.09	188.5	
Tas Porphyry	Devon Mine	DEVD2	70	75	154875C					5.74	27.3	960	2.53	0.85	2.29	0.04	393	
Tas Porphyry	Devon Mine	DEVD2	75	80	154880C					6.21	43.7	1650	1.72	0.82	1.93	0.17	249	
Tas Porphyry	Devon Mine	DEVD2	80	85	154885C					5.87	16.4	1100	2.13	0.56	3.33	0.04	166.5	
Tas Porphyry	Devon Mine	DEVD2	85	90	154890C					6.08	2.9	700	2.4	1.1	0.54	0.04	142	
Tas Porphyry	Devon Mine	DEVD2	90	95	154895C					6.31	4.9	760	2.39	0.25	0.81	<0.02	143	
Tas Porphyry	Devon Mine	DEVD2	95	100	154900C					5.57	30.8	570	2.35	1.99	0.4	<0.02	141.5	
Tas Porphyry	Devon Mine	DEVD2	100	105	154905C					4.88	91.4	350	2.23	5.29	3.56	9.07	74.8	
Tas Porphyry	Devon Mine	DEVD2	105	110	154910C					3.39	14	280	1.3	3.39	4.19	0.06	179.5	
Tas Porphyry	Devon Mine	DEVD2	110	115	154915C					5.95	13.7	610	2.06	1.22	1.62	<0.02	77.3	
Tas Porphyry	Devon Mine	DEVD2	115	120	154920C					5.72	12.4	710	1.76	0.96	0.77	<0.02	54.5	
Tas Porphyry	Devon Mine	DEVD2	120	125	154925C					5.57	13.3	890	1.57	0.78	0.61	<0.02	42.4	
Tas Porphyry	Devon Mine	DEVD2	125	130	154930C					6.07	15.3	780	2.15	1.11	0.56	<0.02	50	
Tas Porphyry	Devon Mine	DEVD2	130	135	154935C					6.19	15.7	610	2.33	1.19	0.74	<0.02	69.7	
Tas Porphyry	Devon Mine	DEVD2	135	140	154940C					5.89	14.3	520	2.32	1.04	1.13	0.02	70.7	
Tas Porphyry	Devon Mine	DEVD2	140	145	154945C					5.53	8.4	370	2.14	1.07	0.63	<0.02	63	
Tas Porphyry	Devon Mine	DEVD2	145	150	154950C					5.92	3.9	780	2.18	0.24	0.76	<0.02	168	
Tas Porphyry	Devon Mine	DEVD2	150	155	154955C					5.97	5.9	740	2.83	1.57	0.41	<0.02	162	
Tas Porphyry	Devon Mine	DEVD2	155	160	154960C					6.26	3.6	520	3.75	3.78	0.87	0.08	96.9	
Tas Porphyry	Devon Mine	DEVD2	160	165	154965C					6.15	9.5	490	3.04	1.14	0.18	0.07	74.7	
Tas Porphyry	Devon Mine	DEVD2	165	170	154970C					5.08	27.7	390	2.41	0.91	0.37	0.12	58.7	
Tas Porphyry	Devon Mine	DEVD2	170	176	154977C					5.13	15.5	340	2.35	0.64	0.82	0.28	67.7	

Down hole assay data																	
Cr_ppm	Cs_ppm	Cu_ppm	Fe_%	Ga_ppm	Ge_ppm	Hf_ppm	In_ppm	K_%	La_ppm	Li_ppm	Mg_%	Mn_ppm	Mo_ppm	Na_%	Nb_ppm	Ni_ppm	P_ppm	Pb_ppm
59	2.81			17.6	0.33	3.3	0.061	3.48	56.8	14.2	1.08	537	1.54	1.31	15.9	31.9	440	
58	2.98			16.55	0.32	3.3	0.056	1.88	43.7	12	1.13	501	0.6	2	15	24.7	450	
54	5.36			16.65	0.26	3.3	0.069	1.59	22.7	13.9	1.07	912	1.43	1.85	16.6	20.4	380	
54	3.26			16.5	0.31	3.4	0.058	1.45	27.9	16.1	0.95	266	0.34	1.99	17.9	19.9	390	
61	5.15			17.45	0.25	3.3	0.092	1.7	25.1	16.4	0.8	945	0.73	1.86	17.8	19	380	
53	4.98			15.8	0.24	3.4	0.103	1.62	20.5	13.9	0.77	1600	0.45	1.69	18.4	15.9	300	
52	4.67			16.65	0.25	3.1	0.09	1.52	18.8	18.9	1.22	512	0.54	1.87	14.1	25.5	460	
59	6.04			18.2	0.35	3.2	0.1	1.87	77	19.8	1.54	1020	2.37	1.47	13.8	33.2	550	
32	3.88			16.05	0.57	2.7	0.047	3.63	182	12	1.13	810	38.3	0.68	13.7	34.1	400	
32	3.54			17.15	0.45	2.9	0.062	5.38	118	10.7	0.98	1950	42.4	0.19	12.1	24.4	350	
24	5.05			17.35	0.33	2.9	0.301	4.24	66.3	11.2	0.98	3560	25	0.13	11.5	24.1	310	
22	5.58			17.25	0.24	2.8	0.187	4	59.8	9.3	0.56	621	7.16	0.08	12.4	27.6	320	
4	4.67			17.65	0.25	3.5	0.194	4.11	60.3	7	0.6	936	1.35	0.06	15.4	5.8	180	
5	4.38			16.95	0.24	3.5	0.249	3.47	60.7	6.3	0.43	2510	5.82	0.05	14.4	8.3	150	
11	3.04			15.8	0.21	2.6	0.653	2.89	38	9.1	1.58	3190	23.6	0.05	7.3	25.7	140	
13	1.08			15.75	0.3	1.9	0.077	1.48	69.9	4.6	0.97	999	5.13	0.17	7.1	50	130	
37	2.67			21.5	0.2	3.7	0.14	3.3	39.2	7.1	0.96	1870	2.65	0.2	7.1	33.6	200	
33	2.79			20.1	0.18	3.9	0.108	3.74	27	7.1	0.9	972	2.5	0.13	7	26.1	210	
34	2.31			18.65	0.19	3.9	0.094	4.1	20.8	7.8	0.87	1150	7.62	0.13	7.9	24.3	260	
33	2.09			24.5	0.18	3.8	0.086	3.56	25	6.4	1.04	798	2.98	0.25	6.9	38	160	
23	4.4			19.9	0.19	3.7	0.097	3.92	35	7.1	0.79	545	3.11	0.08	7.6	17.7	110	
21	3.89			19.15	0.19	4.2	0.079	3.57	36.2	6.4	1	560	4.06	0.1	6.3	22.2	110	
22	2.33			24	0.19	4	0.088	2.41	31.5	6.6	1.15	909	4.99	0.26	8.4	40.3	140	
7	4.75			18.5	0.27	3.9	0.126	4.07	67.7	8.1	0.67	594	8.98	0.06	14.8	8.4	140	
8	4.36			17.65	0.28	4.1	0.176	3.82	65.8	8.8	0.56	959	8.89	0.05	13.3	7.9	130	
9	5.41			16.45	0.24	4.1	0.141	3.63	47.9	10.1	0.63	596	7.02	0.05	16.2	6.6	130	
22	5.98			17.3	0.19	3.9	0.107	3.51	38.5	14.2	0.99	263	3.53	0.06	7.4	13.7	210	
21	5.12			13.9	0.17	3.5	0.08	2.76	29.7	14.2	0.93	259	2.66	0.05	5.2	13.6	120	
18	5.17			14.4	0.21	3.7	0.11	2.65	34.8	13.4	0.93	658	5.91	0.05	6.8	17.8	120	

Rb_ppm	Re_ppm	S_%	Sb_ppm	Sc_ppm	Se_ppm	Sn_ppm	Sr_ppm	Ta_ppm	Te_ppm	Th_ppm	Ti_%	Tl_ppm	U_ppm	V_ppm	W_ppm	Y_ppm	Zn_ppm	Zr_ppm	Lab Batch
144.5	0.002	0.06	0.65	11.4	1	4.3	172	1.42	0.08	28	0.236	0.68	7.5	59	69.8	33.5		94.1	BR08087071
101	-0.002	0.02	0.66	11.1	1	4.9	181	1.39	0.09	27.8	0.237	0.4	6.9	62	11.4	36.4		93.1	BR08087071
104	-0.002	0.05	2.03	12.1	1	4.7	177.5	1.39	-0.05	27.6	0.235	0.5	7	56	6.1	44.7		92.9	BR08087071
97.1	-0.002	0.01	0.33	11.3	1	2.1	254	1.47	-0.05	29.6	0.24	0.45	5.8	53	3.9	50.8		93.1	BR08087071
119.5	-0.002	0.01	0.96	12.4	1	4.1	185	1.43	-0.05	29.9	0.236	0.51	6	52	12.1	54.1		94.3	BR08087071
116	0.002	0.07	1.49	9.5	2	3.9	185.5	1.41	0.06	29.1	0.225	0.57	8	47	15.2	59.2		92.8	BR08087071
108	-0.002	0.05	0.35	13.5	1	1.9	247	1.16	-0.05	28.4	0.23	0.62	8.4	67	4.5	37.8		88.5	BR08087071
131.5	-0.002	0.08	0.98	11.9	1	2.9	174.5	1.08	0.07	26.9	0.239	0.67	7.6	74	3.9	37.1		91.6	BR08087071
192.5	0.004	1.06	0.64	9.1	2	6.6	82.9	1.26	0.33	27.6	0.161	0.69	9.5	43	26.5	36		81	BR08087071
241	0.004	1.05	0.81	11.2	2	10.8	64.4	1.05	0.42	25	0.176	0.88	8.4	51	35.7	25.4		79.9	BR08087071
211	-0.002	0.83	2.15	11.4	1	8.6	59.7	0.95	0.17	21.7	0.183	0.85	6.9	50	13.5	27		78.8	BR08087071
221	-0.002	0.11	0.66	10.1	1	13.9	23.4	0.86	-0.05	22.4	0.188	0.9	4.7	30	9.8	15.5		77.2	BR08087071
219	0.002	0.21	0.85	9.9	1	16.6	19.9	1.3	0.06	27.4	0.13	0.85	6.9	17	11	20		86.8	BR08087071
204	0.002	0.81	1.31	9.2	1	14.3	14.9	1.25	0.12	26.9	0.098	0.76	7.8	16	11	20.5		90	BR08087071
134.5	0.002	2.26	3.12	9.3	2	19.9	33.8	0.58	1.49	14.8	0.089	0.56	6	34	27.4	27.9		79.3	BR08087071
61.1	0.002	3.01	0.5	10.8	2	37.5	41.2	0.37	2.16	8.7	0.077	0.26	5.1	52	94.9	23.6		61	BR08087071
166	0.002	1.05	0.97	11	1	40.1	34.5	0.47	0.54	11.6	0.146	0.64	6.1	54	33.5	15.4		133	BR08087071
187.5	0.002	0.71	0.76	9.8	1	32.6	23.3	0.49	0.45	12	0.151	0.68	5	44	75.9	12.1		127.5	BR08087071
188.5	0.002	0.75	1.12	10.3	1	33.8	25.6	0.55	0.38	12	0.16	0.72	7.1	44	17.6	12.9		127.5	BR08087071
147.5	-0.002	1.08	0.63	11.6	1	45.9	35	0.5	0.7	11.7	0.15	0.64	5.6	53	15.6	11.5		126	BR08087071
216	0.002	0.58	0.67	9.6	1	18.5	18.2	0.57	0.49	15.1	0.117	0.69	5.4	37	13.9	15.7		129.5	BR08087071
195.5	0.002	0.74	0.57	9.6	1	18.3	21.1	0.49	0.4	13.8	0.112	0.63	7.2	47	13.6	16.2		140.5	BR08087071
119.5	0.003	1.18	0.65	11.8	1	52.4	32	0.77	0.53	15.6	0.131	0.47	7.4	52	11.7	14.7		124	BR08087071
232	-0.002	0.23	0.77	11	1	19	23.5	1.3	0.12	27	0.091	0.82	8	17	10.7	20.9		97.8	BR08087071
221	0.002	0.28	0.7	11.1	1	12.2	19.8	1.19	0.31	27.4	0.093	0.86	7.7	19	7.1	21.6		99.4	BR08087071
229	0.002	0.12	0.77	11.7	1	7.5	21.5	1.42	1.06	26.3	0.108	0.88	7.7	20	8.6	21.1		103	BR08087071
210	0.002	0.33	0.82	10	1	4.6	16.2	0.59	0.06	15.8	0.121	0.81	4.7	39	6.6	15.4		120	BR08087071
161	0.002	0.36	0.8	7.4	1	3.1	14.3	0.41	-0.05	10.7	0.115	0.67	3.4	34	8.5	10.3		112	BR08087071
167.5	0.002	0.28	1.13	7.6	1	2.5	16.7	0.48	-0.05	12.2	0.109	0.69	3.9	47	7.1	12.7		116.5	BR08087071