

Hole_ID	HoleType	HoleSize	Report_ID	Prospect	Company	Date	Datum	AMG_East	AMG_Nort	AMG_RL	DEPTH	AZIMUTH	DIP
FAT010	PC	89mm		FTW	Greatland	20061019	AGD66	444154	5406358	495	21.1	196	-60
FAT011	PC	89mm		FTW	Greatland	20061020	AGD66	444127	5406363	495	21.1	176	-60
FAT012	PC	89mm		FTW	Greatland	20061020	AGD66	444103	5406360	495	21.1	176	-60
FAT013	PC	89mm		FTW	Greatland	20061020	AGD66	444063	5406359	494	21.1	173	-60
FAT014	PC	89mm		FTW	Greatland	20061020	AGD66	444034	5406360	494	19.3	184	-60
FAT015	PC	89mm		FTW	Greatland	20061020	AGD66	443924	5406443	480	21.1	236	-60
FAT016	PC	89mm		FTW	Greatland	20061020	AGD66	443914	5406455	480	21.1	229	-60
FAT017	PC	89mm		FTW	Greatland	20061023	AGD66	443906	5406466	478	21.1	140	-60
FAT018	PC	89mm		FTW	Greatland	20061023	AGD66	443897	5406478	476	21.1	136	-60

TRA USE B EAST END HOLE

GREATLAND PTY LTD

HOLE NO : FAT0j6  
Fire Tower West Air Track

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Synth	% Sil.	Alteration			Geological Log
From	To							Ser.	CO3	W	
0	1.3	FWT 060060	HW	Brown ORANGE	-	5%	///	///	///	SPONGELY WEATHERED MEDIUM TO DARK BROWN ORANGE TO YELLOW-BROWN FOLUCENOS, 1 CLAYEY, VERY FINE - GRANNO VOLE. SILTSTONE; FEW CHIPS OF BLACK LIMONITE COATINGS, MINOR BLACK LIMONITE	
1.3	3.1		HW	"	-	5%	///	///	///	2 AS ABOVE; RELATIVELY FRESH CHIPS OF FINE - GRANNO VOLE. SILTSTONE; COARSE CHIPS	
3.1	4.9	FWT 060061	MW	"	-	2-5%	///	///	///	3 AS ABOVE; MODERATED TO STRONGLY WEATHERED SILTSTONE CHIPS	
4.9	6.7		MW	"	-	2-3%	///	///	///	4 AS ABOVE; SPONGEY WEATHERING; BLACK LIMONITE COATING AND PARTIALLY REPLACING.	
6.7	8.5	FWT 060062	MW	Brown BUFF	-	2-3%	///	///	///	5 AS ABOVE; TENDING TO BUFF-BROWN; WEATHERED, WEAKLY FOLUCENOS, VERY FINE - GRANNO VOLE. SILTSTONE	
8.5	10.3		HW	BUFF- CREAM	-	1-2%	///	///	///	STRONGLY WEATHERED, LIGHT TO MEDIUM BUFF BROWN TO CREAM, VERY WEAKLY FOLUCENOS, 6 SPONGEISED VERY FINE GRANNO VOLE. SILTSTONE - STABLE	
10.3	12.1	FWT 060063	MW	Brown CRUSTY	-	1-2%	///	///	///	7 AS ABOVE, WITH BUFF/PINK-RED CHIPS OF VERY FINE - GRANNO FOLUCISED VOLE. SILTSTONE	
12.1	13.9		MW	Brown	-	1-2%	///	///	///	8 AS ABOVE, BROWN TO YELLOWISH BROWN, WITH CREAMY CHIPS OF VERY FINE - GRANNO FOLUCISED VOLE. SILTSTONE	
13.9	15.7	FWT 060064	MW	Brown YELLOW	-	1-2%	///	///	///	9 AS ABOVE; FEW CHIPS WITH BLACK LIMONITE OXIDE COATING.	
15.7	17.5		MW	Brown KHAKI	-	1%	///	///	///	MODERATELY WEATHERED, MEDIUM TO DARK BROWN, KHAKI - GREY WEAKLY FOLUCENOS, 10 SPONGEISED, VERY FINE - GRANNO QZ2 RICH VOLE. SILTSTONE; FEW CHIPS WITH LIMONITE COATING / STAIN SOME FINE-RED	
17.5	19.3	FWT 060065	MW	Brown	-	1%	///	///	///	11 AS ABOVE, WITH LIGHT TO MEDIUM GREY VERY FINE SPONGE VOLE. SILTSTONE. ? MEM. / SILTSTONE CHIPS	
19.3	21.1		SW	Brown RED BROWN	-	1%	///	///	///	12 AS ABOVE, WITH MEDIUM GREY, VERY FINE - GRANNO SPONGE VOLE. SILTSTONE.	
		* FWT 060066	Duplicate	OF		FWT 060065				* LAST SAMPLE POSSIBLY POORLY REPRESENTATIVE: QUICK EXPT.	

Azimuth / Declination SOUTH / -60°

Total Depth 21.1 M

Collar Co-Ords

Type of Drilling Air Track

Drilled by G & G Drilling

Logged by D. Evans

Sampled by H. Shields

Date Completed 19/10/06

COMMENCED: 15:45 HR

COMPLETED: 1 HR

TRA HSE B DIST END + 30m

GREATLAND PTY LTD

HOLE NO : FAT011  
Fire Tower West Air Track

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration			Geological Log
							Sil.	Ser. CO3	W Kspar	
0	1.3	FWT 060067	HW	Brown	-	-				STRONGLY WEATHERED, LIGHT BROWN FERUGINOUS CLAYE SOIL + WEATHERED IGREY VERY FINE - GRANOD VOLCANIClastic SILTSTONE
1.3	3.1		HW	Brown/ BUFF	-	-				STRONG WEATHERED, COLOUR MOTTLED, LIGHT BROWN - BUFF, + PINK - RED FERUGINOUS
3.1	4.9	FWT 060068	HW	Brown/ BUFF	-	2-5%				2 VERY FINE - GRANOD VOLC. SILTSTONE
4.9	6.7		HW	Brown	-	2%				STRONG WEATHERED, LIGHT BROWN - BUFF, TO REDDISH - BROWN FERUGINOUS SILTSTONE, MINOR CHIPS OF BLACK LIMONITE
6.7	8.5	FWT 060069	HW	Brown TAN	-	1%				4 AS ABOVE, LIGHT TO MEDIUM BROWN - TAN; FEW CHIPS OF BLACK LIMONITE
8.5	10.3		HW	BUFF	-	2-5%				VERY STRONGLY WEATHERED, CLAYE LIGHT BROWN - TAN MOTTLED CREAM - WHITE, MAINLY FERUGINOUS, VERY FINE - GRANOD, VOLCANIClastic SILTSTONE - SHALE
10.3	12.1	FWT 060070	MW	Brown KHAKI	-	2-5%				STRONG WEATHERED BUFF - BROWN MOTTLED CREAM - WHITE FERUGINOUS, SILTSTONE * VERY FINE - GRANOD SILTSTONE - SHALE; CONSPICUOUS CHIPS OF BLACK LIMONITE
12.1	13.9		HW	"	-	2-5%				MODERATELY WEATHERED TO RELATIVELY FRESH BUFF TO PINK - BROWN AND KHAKI - BROWN MOTTLED FERUGINOUS SILTSTONE, VERY FINE - GRANOD, VOLCANIClastic SILTSTONE - LIMONITE
13.9	15.7	FWT 060071	MW	"	-	5-10%				8 AS ABOVE: MOD WEATHERED, BUFF - BROWN CLAYE RANNG!
15.7	17.5		HW	BUFF CREAM	-	5-10%				9 AS ABOVE: INCREASINGLY LIMONITE PASSING DOWN
17.5	19.3	FWT 060072	HW	TAN BUFF	-	5-10%				STRONG WEATHERED, LIGHT BUFF - CREAM, MOTTLED, FERUGINOUS, SILTSTONE BLOODY RAN!
19.3	21.1		HW	TAN	-	5-10%				10 SILTSTONE SHALE; CONSPICUOUS LIMONITE CHIPS 11 AS ABOVE, STRONGLY WEATHERED CLAYE, FERUGINOUS SILTSTONE - SHALE
										12 AS ABOVE; COLOUR MOTTLED, CLAYE, TAN TO LIGHT BROWN, MAINLY FERUGINOUS SILTSTONE - SHALE

Azimuth / Declination 324 / -60°

Total Depth 21.1 m

Collar Co-Ords

Type of Drilling Air Track

Date Completed 20/10/06

Drilled by G & G Drilling

Logged by D. Evans

Sampled by H. Shields

Commenced 08:30  
Completed 09:20 hr

TRAVERSE 3 EAST END + 60M

GREATLAND PTY LTD

HOLE NO : FAT012  
Fire Tower West Air Track

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	% Sil.	Alteration			Geological Log
								Ser.	CO3	W	
0	1.3	FW060073	MW	Brown	-	1-2%					MODERATELY WEATHERED, MEDIUM BROWN CREAM, CLAYEY, WEAKLY FERRUGINOUS
3	3.1		HW	Buff Brown	-	1-2%					1 VERY FINE-GRAINED VOLC, SILTSTONE, THIN SOIL COVER ONLY 2 STRONGLY WEATHERED, CLAYEY MEDIUM BUFF-BROWN, FINE-BROWN, WEAKLY FERRUGINOUS 3 AS ABOVE; FEW CHIPS WITH BLACK LIMONITE COATINGS (? JOINT PLANE INCL)
4.9	6.7	FW060074	HW	"	-	1-2%					4 AS ABOVE; QUARTZ-RICH VERY FINE NATURAL SILTSTONE CHIPS.
8.5	8.5	FW060075	MW	"	-	2-5%					5 AS ABOVE, TENDING TO FRESHER; BLACK LIMONITE CRATING AND PARTIALLY REPLACING.
10.3	10.3		MW	Brown Khaki	-	1-2%					MODERATELY WEATHERED, TENDING TO FRESH, BROWN BUFF-BROWN AND KHAKI, WEAKLY FERRUGINOUS
10.3	12.1	FW060076	SW	Khaki Grey	-	1%					6 VERY FINE-GRAINED SERICITIC QZ-RICH VOLC, SILTSTONE. WEAKLY WEATHERED TO FRESH, KHAKI-GREY TO BUFF-BROWN, VERY FINE-GRAINED
12.1	13.9		MW	Buff Brown	-	1-2%					7 SERICITIC / CHLORITIC QZ-RICH VOLC, SILTSTONE.
13.9	15.7	FW060077	MW	Buff Khaki	-	2-5%					8 AS ABOVE, WITH BUFF-BROWN TO PINK-BROWN CLAYEY QZ-RICH SILTSTONE CHIPS RELATIVELY ABUNDANT.
15.7	17.5		MW	Buff Brown	-	2-5%					9 AS ABOVE, WITH WHITE-CREAM CLAYEY SILTSTONE-SMALL CHIPS.
17.5	19.3	FW060078	SW	Khaki-Grey	-	1-2%					10 AS ABOVE, WITH BROWN-BUFF, PINK-RED CHIPS OF VERY FINE GRAINED QZ-RICH VOLC. SILTSTONE. WEAKLY WEATHERED TO RELATIVELY FRESH DARK KHAKI-GREY MINOR BUFF-BROWN, WEAKLY FERRUGINOUS SERICITIC QZ-RICH NATURAL VOLC, SILTSTONE; LOW SAMPLE VOLUME (DIFFICULT DRILLING)
19.3	21.1		SW	Green-Grey	-	1-2%					11 AS ABOVE, WEAKLY WEATHERED TO FRESH, DARK GREEN-GREY, SOME BUFF, WEAKLY FERRUGINOUS SERICITIC QZ-RICH NATURAL VOLC, SILTSTONE. 12 DIFFICULT DRILLING + POSSIBLE SAMPLE CONTAMINATION OVER LAST ROD INTERVAL.

South / -60°

Azimuth / Declination 21.1 M

Type of Drilling Air Track

Drilled by G & G Drilling

Total Depth

Logged by D. Evans

Collar Co-Ords

Date Completed 20/10/06

Sampled by H. Shields

Commenced @ 09:40 HR  
Completed @ 10:35 HR

TRaverse B EAST END + 90M

HOLE NO : FAT013  
Fire Tower West Air Track

GREATLAND PTY LTD

Metres		Sample Number	Weath Code	Colour	% Quartz	% Sil	Alteration Ser.	CO3	W	Kspar	Geological Log
From	To										
0	1.3	FW060079	MW	GREEN/BROWN	-	-	///	///	///	///	MODERATELY TO SLIGHTLY WEATHERED, WEAKLY CLAYED, GREEN, NOTIZING-TO BUFF-BROWN, 1 SERICITE (?) CHLORITE, QZ-RICH, VERY FINE-GRAINED, VOLC. SILTSTONE.
1.3	3.1		MW	BROWN/GREEN	-	2-3%	///	///	///	///	2 AS ABOVE, ALTHOUGH TENDING TO WEATHERED, BROWN REDDISH-BROWN CHIPS; MINOR BLACK LIMONITE
3.1	4.9	FW060080*	MW	BROWN/BUFF	-	2-3%	///	///	///	///	3 AS ABOVE, BROWN-BUFF CHIPS DOMINANT, FINE-GRAINED VOLC. QZ-RICH SILTSTONE.
4.9	6.7		MW	BROWN	-	2-3%	///	///	///	///	4 AS ABOVE, HIGHLIGHT TO MEDIUM BROWN YELLOWSH-BROWN, WEAKLY FERRUGINOUS, VERY FINE-GRAINED VOLC. SILTSTONE
6.7	8.5	FW060083	MW	BROWN	-	5-10%	///	///	///	///	5 AS ABOVE, WITH CONSPICUOUS BLACK LIMONITE COATING RAVAL FRACTURES AND SPECIAL REPLAINC.
8.5	10.3		MW	BROWN	-	10-15%	///	///	///	///	6 AS ABOVE, LIGHT TO MEDIUM BROWN YELLOW-BROWN, WITH CONSPICUOUS BLACK LIMONITE CHIPS
10.3	12.1	FW060084	MW	BROWN	-	10%	///	///	///	///	7 AS ABOVE, LIGHT TO MEDIUM BROWN, SOME BUFF TO PINK. BROWN.
12.1	13.9		MW	BROWN/BUFF	-	5-10%	///	///	///	///	8 AS ABOVE, INCREASING BUFF PINK-BROWN, VERY FINE-GRAINED, WEAKLY FERRUGINOUS QZ-RICH VOLC. SILTSTONE
13.9	15.7	FW060085	MW	BUFF/BROWN/PINK	-	2-5%	///	///	///	///	9 AS ABOVE, BUFF PINK-BROWN, WEAKLY FERRUGINOUS, SERICITE QZ-RICH VOLC. SILTSTONE
15.7	17.5		SW	KHAKI/GREEN	-	1-2%	///	///	///	///	DISTINCT COAK CHANGE; SLIGHTLY WEATHERED TO PINK, KHAKI, GREEN-GREY, VERY WEAKLY FERRUGINOUS, SERICITE / CHLORITE QZ-RICH VOLC. SILTSTONE TO VERY FINE SSC.
17.5	19.3	FW060086	SW	KHAKI/BUFF	-	1%	///	///	///	///	AS ABOVE, WITH BUFF TO PINK-BROWN, WEAKLY FERRUGINOUS, SERICITE, VERY FINE-GRAINED QZ-RICH VOLC. SILTSTONE.
19.3	21.1		FR	KHAKI/GREEN	-	1%	///	///	///	///	12 AS ABOVE, SLIGHTLY WEATHERED, KHAKI, GREEN, ALSO BUFF, VERY WEAKLY FERRUGINOUS, SERICITE / CHLORITE, QZ-RICH, MATURE VOLC. SILTSTONE TO VERY FINE-GRAINED SSC.

\* NOTE : FW060081 = DUPLICATE OF FW060086 (3.1-6.7m)  
FW060082 = STANDARD (5Pb)

Azimuth / Declination SOUTH / -60°

Total Depth 21.1 m

Collar Co-Ords

Type of Drilling Air Track

Date Completed 26/10/06

Drilled by G & G Drilling

Logged by D. Evans

Sampled by H. Shields

COMMENCED : 11:15 HR  
COMPLETED : 12:10 HR

TRAV SE B EAST END + 125M

(HOLE ADDED, BASED ON

LIMONITE CONCENT IN HOLE PAT 013)

**HOLE NO : FAT014**  
**Fire Tower West Air Track**

**GREATLAND PTY LTD**

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	% Sil.	Alteration			Geological Log
From	To							Ser.	CO3	W	
0	1.3	FW060087	MW	DARK GREEN	-	5-10%	///	///	///	///	MODERATELY WEATHERED TO RELATIVELY FRESH, DARK GREEN, KHAKI-GREY, SOME BUFF IRRREGULARS, CLAYEY FINE TO VERY FINE GRANOD, SERICITIC VOLS, SILTSTONE.
1.3	3.1		MW	KHAKI-BROWN	-	2-5%	///	///	///	///	2 AS ABOVE, WITH CLAYEY, LIGHT TO MEDIUM BROWN VERY FINE GRAINED SILTSTONE CHIPS.
3.1	4.9	FW060088	HW	BROWN PINK BUFF	-	2-5%	///	///	///	///	SPONGELY WEATHERED, LIGHT TO MEDIUM BROWN BUFF TO PINK-BROWN CLAYEY, WEAKLY FERRUGINOUS FINE TO VERY FINE GRAINED, SERICITIC VOLS, SILTSTONE.
4.9	6.7		HW	BUFF PINK	-	5-10%	///	///	///	///	4 AS ABOVE, MODERATELY TO STRONGLY WEATHERED, BUFF-PINK, CLAYEY QZ-RICH VOLS. SILTSTONE; CONSISTENT BLACK LIMONITE CHIPS.
6.7	8.5	FW060089	HW	PINK BUFF	-	1-2%	///	///	///	///	5 AS ABOVE, DOMINANTLY PINK-BUFF CLAYEY WEATHERED VOLS, SILTSTONE.
8.5	10.3		HW	PINK-BROWN/BUFF	-	1-2%	///	///	///	///	6 AS ABOVE, MODERATELY TO STRONGLY WEATHERED.
10.3	12.1	FW060090	MW	PINK-BROWN	-	2-5%	///	///	///	///	7 AS ABOVE, CONSPICUOUS BLACK LIMONITE COATING BY FREQUENT IRON-IMPREG-CLAYS.
12.1	13.9		MW	GREEN KHAKI	-	1-2%	///	///	///	///	8 AS ABOVE, WITH ABUNDANT CHIPS OF RELATIVELY FRESH, GREEN, GRAY-GREY, VOLT FINE GRANOD VOLS. SILTSTONE.
13.9	15.7	FW060091	MW	BROWN	-	1%	///	///	///	///	9 AS ABOVE, ABUNDANT CHIPS OF BROWN, GREY-BROWN, WEAKLY FERRUGINOUS QZ-RICH VOLT FINE - GRAYMY VOLS. SILTSTONE.
15.7	17.5		MW	PINK-BROWN/BUFF	-	1%	///	///	///	///	10 AS ABOVE, MODERATELY WEATHERED, PINKISH-BUFF-BROWN QZ-RICH VOLS. SILTSTONE.
17.5	19.3	FW060092	SW	GREEN	-	1%	///	///	///	///	FRESH TO SLIGHTLY WEATHERED, DARK GREEN-GREY, VOLT FINE GRANOD QZ-RICH, MATURE VOLS. SILTSTONE TO SSC.
19.3	21.1				-		///	///	///	///	12 NOT DRILLED.

Drilled by **G & G Drilling**

Logged by **D. Evans**

Sampled by **H. Shields**

Type of Drilling **Air Track**

Azimuth / Declination **SOUTH / -60°**

Total Depth **19.3 m**

Collar Co-Ords

Date Completed **20/10/06**

COMMENCED : **13:00 HR**

COMPLETED : **14:00 HR**

RAVERSE C EAST END HOLE  
(AMENDED FROM PLAN  
301 FROM FIRST MARK SET)

**HOLE NO : FATO 15  
Fire Tower West Air Track**

**GREATLAND PTY LTD**

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sandstph	% Sil.	Alteration			Geological Log
								Ser.	CO3	W	
0	1.3	FW060093	HW	BROWN	-	2-5%		/	/	/	STRONGLY WEATHERED MEDIUM TO DARK BROWN, YOUNGEST BROWN, WEAKLY PORPHYRIC, 1 VERY FINE-GRAINED QUARTZ-RICH VOLCANOGENIC SILTSTONE, MODERATELY TO STRONGLY WEATHERED, MEDIUM BROWN, WEAKLY PORPHYRIC, VERY FINE-GRAINED, QUARTZ-RICH, POSSIBLY SILTSTONE VOLCANOGENIC SILTSTONE.
1.3	3.1		MW	BROWN	-	1-2%		/	/	/	MODERATELY WEATHERED TO RELATIVELY FRESH, MEDIUM BROWN TO ABOVE, WITH CEMENTATION, QUARTZ-RICH VOLCANOGENIC SILTSTONE INTERMIXED.
3.1	4.9	FW 060094	MW	BROWN/CHERRY	-	1%		/	/	/	3 SILTSTONE QUARTZ-RICH VOLCANOGENIC SILTSTONE INTERMIXED.
4.9	6.7		MW	BROWN/BLACK LIMONITE	-	-		/	/	/	4 AS ABOVE WITH RELATIVELY FRESH, KATAKI TO GREY GREEN, VERY FINE-GRAINED QUARTZ-RICH VOLCANOGENIC SILTSTONE.
6.7	8.5	FW060095	MW	BROWN/KATAKI GREEN	-	-		/	/	/	5 AS ABOVE, RELATIVELY FRESH, GREEN KATAKI-GREY, WEATHERING TO PINK-BROWN, VERY FINE-GRAINED QUARTZ-RICH VOLCANOGENIC SILTSTONE.
8.5	10.3		MW	BROWN/GREEN	-	1-2%		/	/	/	6 AS ABOVE, WITH SMALL CHIPS AND MINUTE SPECIES OF BLACK LIMONITE.
10.3	12.1	FW060096	MW	BROWN/GREEN	-	2-3%		/	/	/	7 AS ABOVE, LIMONITE SPECIES MORE CONSPICUOUS.
12.1	13.9		MW	BROWN/GREEN	-	2-3%		/	/	/	8 AS ABOVE, MEDIUM BROWN, WITH GREEN CHIPS, MINUTE SPECIES OF BLACK LIMONITE.
13.9	15.7	FW060097	MW	BROWN/GREEN	-	1-2%		/	/	/	9 AS ABOVE; MEDIUM GREEN? CHLORITE-SERPENTINE AGGREGATES IN SOME CHIPS.
15.7	17.5		MW	BROWN	-	1-2%		/	/	/	10 AS ABOVE; MEDIUM DARK BROWN, GREEN SOME PINK-RED, MODERATELY TO SLIGHTLY WEATHERED, VERY FINE-GRAINED, QZ, RICH VOLCANOGENIC SILTSTONE, POSSIBLY CHLORITE/SERPENTINE.
17.5	19.3	FW060098	MW	BROWN/GREEN	-	1-2%		/	/	/	11 AS ABOVE; INTERMIXED MEDIUM TO DARK BROWN GREEN, VERY FINE-GRAINED VOLCANOGENIC SILTSTONE.
19.3	21.1		SW	LI	-	1% + trace Py.		/	/	/	AS ABOVE MEDIUM TO DARK BROWN AND DARK GREEN, RELATIVELY FRESH, POSSIBLY CHLORITE/SERPENTINE ACCENTED, VERY FINE-GRAINED QZ, RICH VOLCANOGENIC SILTSTONE TO SST. TRACE PY NOTED.

Azimuth / Declination **SOUTH / -60°**

Total Depth **21.1** m

Collar Co-Ords

Type of Drilling **Air Track**

Drilled by **G & G Drilling**

Logged by **D. Evans**

Sampled by **H. Shields**

Date Completed **26/10/06**

COMPLETION CODE : 14:20 HYL  
COMPLETED : 15:10 HYL

7 VERSE C EAST END + 15M

GREATLAND PTY LTD

HOLE NO : FAT016  
Fire Tower West Air Track

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sstph	Sil.	Alteration			Geological Log
From	To							Ser.	CO3	W	
0	1.3	FW060099	HW	BROWN MOTTLED	-	-	///	///	///	///	SPRINGLET WEATHERED, MEDIUM BROWN TO REDDISH BROWN, WEAKER KALUCUGINANO, VERY FINE GRANOD QZ. RICH VOLCANIC SILTSTONE.
1.3	3.1		MW	BROWN	-	-	///	///	///	///	2 AS ABOVE, MODERATELY WEATHERED, WITH SOME CREAMY VERY FINE GRANOD SILTSTONE.
3.1	4.9	FW060100*	HW	BUFF / RED BROWN	-	1%	///	///	///	///	3 AS ABOVE, STRONGEST WEATHERED, SOME RED-BROWN CRIPS.
4.9	6.7		MW	BROWN TO RED	-	1%	///	///	///	///	4 AS ABOVE, MODERATELY TO STRONGLY WEATHERED, VERY FINE GRANOD QZ. RICH SERICITE VOL. SILTSTONE.
6.7	8.5	FW060102	MW	BROWN	-	1%	///	///	///	///	5 AS ABOVE, MEDIUM TO DARK BROWN, BUFF-BROWN, REDDISH-BROWN QZ. RICH VOL. SILTSTONE.
8.5	10.3		MW	BROWN / GREEN	-	-	///	///	///	///	AS ABOVE WITH FRESHER, GREEN TO GREEN-GREY, VERY FINE GRANOD, QZ. RICH VOL. SILTSTONE TO SANDSTONE.
10.3	12.1	FW060103	SW	GREEN / KHAKI	-	2-3%	///	///	///	///	WEAK TO MODERATELY WEATHERED, DARK GREEN - KHAKI, ALTERED, SERICITE / ? CHLORITE, VMT
12.1	13.9		MW	BROWN	-	2-5%	///	///	///	///	MODERATE TO STRONGEST WEATHERED, MEDIUM TO DARK GREEN, KHAKI, BROWN, KALUCUGINANO (POSSIBLY PARTITE?) ALTERED VOL. SILTSTONE.
13.9	15.7	FW060104	MW	n	-	2-5%	///	///	///	///	AS ABOVE, VERY ALTERED APPEARANCE, REDUCED, WITH FINE LIMONITE AND RESIDUES * SULPHIDE SPECIES?? INSPECT CLOSER.
15.7	17.5		MW	GREEN / BROWN	-	1-2%	///	///	///	///	MODERATELY WEATHERED, DARK GREEN - BROWN, ALTERED, SERICITE / ? CHLORITE, QZ. RICH VOLCANIC SILTSTONE.
17.5	19.3	FW060105	MW	BROWN	-	1%	///	///	///	///	AS ABOVE; MODERATELY WEATHERED, DARK BROWN TO GREENISH * SPARSE LIMONITE NOTED
19.3	21.1		FR	GREEN / BLUISH	-	TR	///	///	///	///	RELATIVELY FRESH, DARK GREEN TO BLUISH-GREEN, ALTERED, SERICITE / ? CHLORITE
				GREEN	-		///	///	///	///	12 FINE TO VERY FINE GRANOD, MATURE QUARTZ - RICH VOL. SILTSTONE.
											* DUPLICATE OF FW060100 = FW060101.

Drilled by G & G Drilling	Type of Drilling	Air Track	Azimuth / Declination	Sight / - 60°
Logged by D. Evans	Total Depth	21.1	m	
Sampled by H. Shields	Date Completed	26/10/06	Collar Co-Ords	

7. AVERSE C (WORKING WESTWARDS)

GREATLAND PTY LTD

HOLE NO : FATO 17  
Fire Tower West Air Track

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration	Geological Log	
								Sil.	W
0	1.3	FW060106	HW	Brown	-	2%	///	///	VELT STRONGLY WEATHERED, MEDIUM BROWN, FERRUGINOUS, VERY FINE - GRANODIORITIC RICH VOLCANIClastic SILTSTONE.
1.3	3.1		HW	Brown/Yellow	-	2-5%	///	///	STRONGLY WEATHERED, MEDIUM BROWN TO BROWN-YELLOW, FERRUGINOUS, FINE-GRANODIORITIC RICH VOLCANIClastic SILTSTONE TO SST. CONSPICUOUS BLACK LAMINAR CARB.
3.1	4.9	FW060107	HW	n	-	2-5%	///	///	AS ABOVE, SOME LIMONITE IN MINUTE FRACURES/MICROCRACKS, SOME QZ-RICH SERICITIC CHIPS.
4.9	6.7		HW	Brown/CREAM	-	2%	///	///	STRONGLY WEATHERED MEDIUM BROWN, CREAM, WEAKLY FERRUGINOUS, FINE-GRANODIORITIC RICH VOLCANIClastic SILTSTONE TO SST.
6.7	8.5	FW060108	HW	Brown/RED	-	2%	///	///	STRONGLY WEATHERED MEDIUM TO DARK BROWN, REDDISH-BROWN, FERRUGINOUS.
8.5	10.3		MW	Brown/GREEN	-	2-2.5/PT.	///	///	FINE-GRANODIORITIC RICH, SERICITIC/HEMATITIC VOLCANIClastic SILTSTONE TO SST.
10.3	12.1	FW060109	MW	n	-	n	///	///	MODERATELY WEATHERED TO FRESH MEDIUM TO DARK BROWN AND GREY-GREEN, FINE-GRANODIORITIC RICH, PYRITIC, VOLCANIClastic SILTSTONE * PYRITIC.
12.1	13.9		SW	GREY GREEN	-	2-5/PT.	///	///	7 AS ABOVE, LUSH CONSPICUOUS PYRITIC AGGREGATES AND FLECKS.
13.9	15.7	FW060110	SW	n	-	2-5/PT.	///	///	FRESH TO WEAKLY WEATHERED, GREY-GREEN, SOME MEDIUM BROWN, FINE-GRANODIORITIC RICH, PYRITIC VOLCANIClastic SANDSTONE; 2-5/PT. AS ABOVE AND MICROCRACKS.
15.7	17.5		MW	Brown/Green	-	2/PT.	///	///	AS ABOVE WITH BROWN WEATHERING, SERICITIC/HEMATITIC SST. CARB. TENDING TO COARSELY GRANULAR, CONSPICUOUS FT. AT BLENDS AND AGGREGATES.
17.5	19.3	FW060111	MW	Brown/Yellow	-	Tr. Py.	///	///	AS ABOVE, LUSH INCREASING BROWN, MODERATELY WEATHERED, HEMATITIC/SERICITIC RICH VOLCANIClastic SST. CONSPICUOUS FT. IN FRESH CHIPS.
19.3	21.1		MW	Brown	-	Tr. Py.	///	///	MODERATELY WEATHERED, LIGHT TO MEDIUM BROWN, YELLOW BROWN, WEAKLY FERRUGINOUS, SERICITIC QZ-RICH VOLCANIClastic SILTSTONE TO SST.
							///	///	AS ABOVE, MODERATELY WEATHERED, MEDIUM BROWN TO YELLOWISH BROWN.

Azimuth / Declination SE / -60°

Total Depth 21.1 m

Collar Co-Ords

Type of Drilling Air Track

Date Completed 23/10/06

Drilled by G & G Drilling

Logged by D. Evans

Sampled by H. Shields

COMMENCED : 08:45 HRL

COMPLETED : 09:35 HRL

TRAVELSE ← (WORKING WESTWARDS)

GREATLAND PTY LTD

HOLE NO : FAT018  
Fire Tower West Air Track

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	% Sil	Alteration			Kspar	Geological Log
								Ser.	CO3	W		
0	1.3	FW060112	EW	BROWN/ ORANGE	-			///	///	///		EXTREMELY WEATHERED, MEDIUM TO DARK BROWN, OXIDISE-BROWN, FERROUGINOUS 1 CLAY SOIL AND DECEASED VOLCANIClastic SILTSTONE TO SST.
1.3	3.1		HW	BROWN/ BUFF	-			///	///	///		STRONGLY WEATHERED, MEDIUM TO DARK BROWN-BUFF TO REDDISH BROWN, FERROUGINOUS 2 CLAYEY FINE TO VERY FINE GRANOD QZ. RICH VOLCANIClastic SST.
3.1	4.9	FW060113	HW	BROWN	-	Tr. py.		///	///	///		STRONGLY WEATHERED, DARK BROWN TO REDDISH BROWN, FERROUGINOUS, DUCITIC 3 ? HEMATITIC QZ. RICH VOLCANIClastic SST. WITH SOME FRESH CHIPS, WITH TRACE Py.
4.9	6.7		HW	BROWN	-	Tr. py.		///	///	///		4 AS ABOVE; TRACE Py. IN FRESHEN, GREEN-GREY CHIPS
6.7	8.5	FW060114	MW	GREEN/ GREY	-	Tr. py.		///	///	///		MODERATELY WEATHERED TO FRESH, GREEN, GREY - GREEN TO BROWN QZ. RICH 5 FINE-GRANOD, PLITIC VOLCANIClastic SST. TO SILTSTONE. Py. AT RARE AGGREGATES
8.5	10.3		MW	BROWN/ GREEN	-	Tr. py.		///	///	///		6 FINE TO VERY FINE GRANOD, QZ. RICH VOLCANIClastic SST. TO SILTSTONE, TRACE Py.
10.3	12.1	FW060115	SW	GREEN/ GREY	-	1-2/M		///	///	///		WEAKLY WEATHERED TO FRESH, MEDIUM GREEN TO GREY - GREEN FINE - GRANOD 7 QZ. RICH, VOLCANIClastic SANDSTONE; SAND FLINTS Py. AS BLED AND SMALL AGGREGATES.
12.1	13.9		MW	BROWN/ GREEN	-	Tr. py.		///	///	///		MODERATELY WEATHERED, DARK TO VERY DARK BROWN GREEN-KHAKI, WORKLY FERROUGINOUS, 8 FINE-GRANOD QZ. RICH VOLCANIClastic SANDSTONE TO SILTSTONE; TRACE Py.
13.9	15.7	FW060116	MW	BROWN/ KHAKI	-	Tr. py.		///	///	///		9 AS ABOVE, WITH RARE TRACES OF Py. NOTED.
15.7	17.5		SW	GREEN/ BROWN	-	0.5-1/		///	///	///		WEAKLY WEATHERED TO FRESH, MEDIUM TO DARK GREEN GREY TO BLUSH GREEN, QZ. RICH 10 FINE-GRANOD VOLCANIClastic SST.; SPARSE Py. AS BLED AND CLUSTERS.
17.5	19.3	FW060117	SW	GREEN/ BROWN	-	Py		///	///	///		11 AS ABOVE
19.3	21.1		FR	GREEN/ GREY BLUE	-	0.5/M		///	///	///		12 AS ABOVE, FRESH, DARK GREEN, BLUE-GREEN TO GREY, FINE - GRANOD, QZ. RICH, VOLCANIClastic SST.; RARE TRACES OF Py. NOTED.

Drilled by G & G Drilling  
 Logged by D. Evans  
 Sampled by H. Shields  
 Azimuth / Declination SE / -60°  
 Total Depth 21.1 m  
 Collar Co-Ords  
 Date Completed 23/10/06

COMMENCED : 09:45 AM  
 COMPLETED : 10:25 AM  
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