

Hole_ID	HoleType	HoleSize	Report_ID	Prospect	Company	Date	Datum	AMG_East	AMG_Nort	AMG_RL	DEPTH	AZIMUTH	DIP
FAT019	PC	89mm		FTW	Greatland	20061023	AGD66	443888	5406490	472	21.1	138	-60
FAT020	PC	89mm		FTW	Greatland	20061023	AGD66	443878	5406502	472	21.1	144	-60
FAT021	PC	89mm		FTW	Greatland	20061023	AGD66	443872	5406515	470	21.1	138	-60
FAT022	PC	89mm		FTW	Greatland	20061023	AGD66	443862	5406523	468	21.1	129	-60
FAT023	PC	89mm		FTW	Greatland	20061024	AGD66	443849	5406530	466	21.1	124	-60
FAT024	PC	89mm		FTW	Greatland	20061024	AGD66	443931	5406430	481	21.1	147	-60
FAT025	PC	89mm		FTW	Greatland	20061024	AGD66	443943	5406418	481	21.1	140	-60
FAT026	PC	89mm		FTW	Greatland	20061024	AGD66	443857	5406420	508	21.1	249	-60
FAT027	PC	89mm		FTW	Greatland	20061024	AGD66	443833	5406412	510	21.1	265	-60

TRAVELSE C (WORKING WESTWARDS)

GREATLAND PTY LTD

HOLE NO : FATO 19
Fire Tower West Air Track

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/strath	% Alteration	Geological Log			
From	To							Sil.	Ser.	CO3	W
0	1.3	FW 060118	HW	Brown/ Tan	-	1%	///				SPONGEY WEATHERED, MEDIUM TO DARK BROWN, TAN - BROWN, WEAKLY FERRUGINOUS, 1 CLAYEY, FINE - GRAINED QZ2. RICH VOLCANIClastic SILTSTONE TO S.SZ.
1.3	3.1		HW	Brown/ Buff	-	1-2%	///				AS ABOVE, MEDIUM TO DARK BROWN BUFF-BROWN SPONGEY WEATHERED, QZ2: RICH, 2 SILTSTONE, HEMITIC VOLCANIClastic SILTSTONE TO S.SZ.
3.1	4.9	FW 060119	HW	Brown/ Buff	-	1%	///				AS ABOVE, MEDIUM TO DARK BROWN BUFF-BROWN TO REDDISH BROWN 3 SILTSTONE, QZ2 RICH VOLCANIClastic S.SZ TO SILTSTONE.
4.9	6.7		MW	Brown/ Red	-	1-2%	///				AS ABOVE WITH FEW FRESHER, GREY-GREEN CLAYS OF QZ2. RICH 4 FINE - GRAINED MATURE VOLCANIClastic S.SZ. TO SILTSTONE.
6.7	8.5	FW 060120*	MW	Brown/ Blue-Green	-	0.5-1% Tr. py.	///				MODERATELY WEATHERED TO FRESH, BROWN-TAN TO BLUE - GREEN WEAKLY FERRUGINOUS. 5 QZ2 RICH SILTSTONE CHLORITIC VOLCANIClastic SANDSTONE, SPARSE PY ± ? ? APP. AS DISSEMINATED.
8.5	10.3		SW	Green/ Grey	-	Tr. py.	///				AS ABOVE, FRESHER TO WEAKLY WEATHERED, BLUE-GREEN TO DARK BROWN AND TANNISH - BROWN 6 WEAKLY FERRUGINOUS QZ2 RICH SILTSTONE CHLORITIC VOLCANIClastic SANDSTONE, TRACE PY.
10.3	12.1	FW 060123	SW	Green/ Grey	-	Limulite	///				WEAKLY TO MODERATELY WEATHERED, DARK GREEN TO GREY-GREEN AND BROWN WEAKLY 7 FERRUGINOUS QZ2 RICH, FINE TO VERY FINE - GRAINED VOLCANIClastic S.SZ TO SILTSTONE.
12.1	13.9		SW	Brown/ Green/ Blue	-	Tr. py.	///				AS ABOVE, BUT TENDING TO FRESHER, WITH DARK BLUE - GREEN QZ2. RICH 8 CHLORITIC SILTSTONE VOLCANIClastic S.SZ. TO SILTSTONE, RARE TRACE, PY.
13.9	15.7	FW 060124	SW	Green/ Brown	-	Limulite	///				AS ABOVE, DULL, DARK TO VERY DARK GREEN TO BROWN, VERY MARG DRILLING.
15.7	17.5		SW	Khaki/ Green/ Blue/ Grey	-	Limulite	///				AS ABOVE, DULL, DARK KHAKI TO BROWN WITH FRESH, BLUE - GREY, WEAKLY FERRUGINOUS 10 QZ2 RICH, SILTSTONE? CHLORITIC FINE TO VERY FINE - GRAINED VOLCANIClastic S.SZ.
17.5	19.3	FW 060125	SW	Green/ Brown	-	2-5% Limulite	///				AS ABOVE, WEAKLY TO MODERATELY WEATHERED, DULL DARK KHAKI - BROWN TO GREEN, 11
19.3	21.1		SW	Green/ Brown	-	2% Limulite	///				AS ABOVE, WEAKLY WEATHERED TO FRESH, DARK TO VERY DARK KHAKI - BROWN TO BLUE - GREY, 12 WEAKLY FERRUGINOUS, QZ2 RICH SILTSTONE? CHLORITIC, FINE TO VERY FINE - GRAINED VOLCANIClastic SANDSTONE TO SILTSTONE.

* NOTE: FW 060121 = DUPLICATE OF FW 060120
FW 060122 = SANDWICH INSERTED (42P)

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 : 11:00 HR

COMPLETED : 11:40 HR

TRAVELSE C (WORKING WESTWARDS)

HOLE NO : FAT020
Fire Tower West Air Track

GREAT AND PTY LTD

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration			Geological Log
From	To						Sil.	Ser. CO3	w	
0	1.3	FW 060126	MW	Brown/RED	-	Limonite	///	///	///	MODERATELY WEATHERED, EARLY BROWN TO RED-BROWN, MODERATELY FERRUGINOUS QZ, RICH 1 SERICITE?? HEMATITE FINE TO VERY FINE - GRANNO VOLCANIC CLASTIC SUCCESIONS TO SST.
1.3	3.1		MW	Brown/RED	-	Limonite	///	///	///	AS ABOVE MODERATELY TO STRONGLY WEATHERED, DARK BROWN TO RED-BROWN MODERATELY FERRUGINOUS, POSSIBLY SERICITE/HEMATITE WITH HEMATITE REPLACEMENT.
3.1	4.9	FW 060127	HW	Brown/RED	-	Limonite 1-2%	///	///	///	AS ABOVE STRONGLY WEATHERED, REDDISH-BROWN/BUFF TO YELLOW BROWN, FINE GRAINED, VOLC. SUCCESIONS
4.9	6.7		MW	Brown/GREEN	-	1% Limonite Trace Mn	///	///	///	AS ABOVE DULL, DARK BROWN, KHAKI-GREEN; RARE TRACE Pz IN FRESHEN CHIPS.
6.7	8.5	FW 060128	MW	RED BROWN/KHAKI	-	1-2% Limonite	///	///	///	AS ABOVE, MODERATELY TO STRONGLY WEATHERED, DARK REDDISH BROWN TO KHAKI-GREEN) FINE TO VERY FINE - GRANNO, QZ, RICH, SERICITE?? HEMATITE VOLC. SUCCESIONS TO SST.
8.5	10.3		MW	KHAKI	-	1% Limonite	///	///	///	AS ABOVE; MINOR LIMONITE AS BLACK COATINGS AND FRACTURE RELACING SOME ETIPS.
10.3	12.1	FW 060129	MW	Brown/RED BROWN	-	1% Limonite	///	///	///	AS ABOVE, WEAKLY TO MODERATELY WEATHERED; SPARSE LIMONITE AS SMALL SPECIES? AFFEEL Pz,
12.1	13.9		MW	Brown/GREEN	-	SPARSE Limonite	///	///	///	AS ABOVE, DULL, DARK BROWN, KHAKI-GREEN; FEW CHIPS OF FLETCHER, GREEN-GREEN SERICITE VOLC. SUCCESIONS.
13.9	15.7	FW 060130	SW	GREEN/KHAKI	-	SPARSE Limonite	///	///	///	AS ABOVE, TENDING TO FRESH, DULL, DARK GREEN-KHAKI, FINE TO VERY FINE - GRANNO, SERICITE
15.7	17.5		SW	GREEN	-	SPARSE Limonite	///	///	///	QZ - RICH, VOLC. SST TO SUCCESIONS, VERY MODERATELY FERRUGINOUS
17.5	19.3	FW 060131	SW	GREEN	-		///	///	///	AS ABOVE, MEDIUM GREEN KHAKI-GREEN, QZ, RICH WEAKLY SERICITE FINE TO VERY FINE - GRANNO VOLC. SUCCESIONS TO SST; HARD DRINKING
19.3	21.1		SW	GREEN/RED BROWN	-	Trace Limonite	///	///	///	11 AS ABOVE; FRESH TO VERY WEAKLY WEATHERED
										12 AS ABOVE; FRESH TO ONLY VERY WEAKLY WEATHERED; HARD DRINKING

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 : 11:50 HR

COMPLETED : 12:30 HR

* NO CAMP TRAY!

TRAVERSE ← (WORKING WESTWARDS)

GREATLAND PTY LTD

HOLE NO : FAT0 21
Fire Tower West Air Track

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration	Geological Log	
From	To							Sil.	W
0	1.3	Fw 060132	MW	Brown/ GREEN	-		///		Moderately weathered, to relatively fresh, medium brown buff, medium to dark green, 1 weathered foliaceous fine to very fine - grained Qtz rich volcanic tuffaceous siltstone - sst.
1.3	3.1		HW	Brown/ Buff/Green	2-5% limonite	///	///		As above moderately to sparsely weathered, tending to clayey; some fresh blue-green chips; weathered fresh chips.
3.1	4.9	Fw 060133	MW	Brown	1-2% limonite	///	///		As above, medium to dark brown, tan-brown, weathered fresh chips.
4.9	6.7		MW	Brown/ Red Brown	limonite sparry limonite	///	///		Moderately to sparsely weathered, medium brown tan-brown to red brown, 1 weathered foliaceous fine to very fine - grained, Qtz rich siltstone? Hematitic volc. siltstone.
6.7	8.5	Fw 060134	MW	Red Pink Brown	1-2% limonite	///	///		As above; sparse to minor black limonite as specks, coatings on chips and partially replacing.
8.5	10.3		MW	Brown, Red Brown	1% limonite	///	///		As above, very fine - grained, siltstone? Hematitic Qtz rich volc. siltstone.
10.3	12.1	Fw 060135	MW	White	0.5-1% limonite	///	///		As above, tending to fresher, fine to very fine - grained Qtz rich volc. siltstone to sst.
12.1	13.9		SW	Brown/ Green	Trace limonite	///	///		As above, generally fresh, medium brown, tan to light green, very fine - grained, Qtz rich siltstone to sst.
13.9	15.7	Fw 060136	SW	Green Grey	Trace limonite	///	///		As above, fresh to very weathered, light to medium green, very fine grained siltstone.
15.7	17.5		FR	Green Grey	-	///	///		As above, fresh rock, light to medium green, green - grey, mafic Qtz rich sst.
17.5	19.3	Fw 060137	FR	Green/ Grey	-	///	///		As above, fresh rock.
19.3	21.1		FR	Green/ Grey	-	///	///		As above with chips of brown to reddish brown, siltstone? Hematitic Qtz rich siltstone - sst.

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

COMMENCED : 13:00 HRL
 COMPLETED : 13:40 HRL
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NO CHIP TRAY

TRAVELSE (WORKING WESTWARDS)

**HOLE NO : FAT022
Fire Tower West Air Track**

GREATLAND PTY LTD

Metres From To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration Ser.	Alteration			Geological Log
							Sil.	CO3	W	
0	Fw060138	MW	RED BROWN	-	LIMONITE STAINING	///	///	///	MODERATELY TO STRONGLY WEATHERED, (BROWN) RED BROWN WEATHERY FERRUGINOUS, FINE TO 1 VERY FINE - GRAINED, QZ - RICH DELICATE VOLS. SILTSTONE TO SST.	
1.3		HW	BROWN	-	1-2% LIMONITE	///	///	///	STRONGLY WEATHERED, MEDIUM TO DARK BROWN, WEATHERY FERRUGINOUS, VENT FINE - GRAINED, QZ - RICH, DELICATE ?? HEMATITE VOLS. SILTSTONE.	
3.1	Fw060139	HW	BROWN	-	1% LIMONITE	///	///	///	3 AS ABOVE, TENDING TO MODERATELY WEATHERED, DELICATE ?? HEMATITE (AFON CHALCITE) SILTSTONE	
4.9		MW	RED BROWN	-	1% LIMONITE	///	///	///	4 AS ABOVE, TENDING TO WEAKLY WEATHERED, SPANNING WITH HEMATITE (AFON CHALCITE) DELICATE VOLS. SILTSTONE.	
6.7	Fw060140*	MW	PINK TO RED/BROWN	-	0.5-1% LIMONITE	///	///	///	5 AS ABOVE, MODERATELY TO WEAKLY WEATHERED PINK-RED TO RED - BROWN, FINE TO VENT FINE - GRAINED, QZ RICH, DELICATE ?? HEMATITE VOLS. SILTSTONE TO SST.	
8.5		MW	n	-	0.3-0.5% LIMONITE	///	///	///	6 AS ABOVE, WITH SOME GREEN-GREY, KHAKI - GREEN, CHIPS OF FRESH VOLS. SILTSTONE.	
10.3	Fw060142	SW	BROWN RED BROWN	-	n	///	///	///	7 AS ABOVE, SLIGHTLY WEATHERED TO RELATIVELY FRESH WEATHERY FERRUGINOUS, VENT FINE - GRAINED QZ - RICH DELICATE ?? HEMATITE VOLS. SILTSTONE TO SST.	
12.1		MW	BROWN BLUE GREEN	-	Tr. limonite	///	///	///	8 AS ABOVE, MEDIUM BROWN - TAN TO FRESH GREEN-BLUE TO GREY - GREEN, WEATHERY FERRUGINOUS, WEATHERING - GRAINED QZ - RICH DELICATE VOLS. SILTSTONE TO SST.	
13.9	Fw060143	SW	BROWN KHAKI	-	Tr. limonite	///	///	///	9 AS ABOVE, MEDIUM BROWN TO KHAKI - GREEN, RELATIVELY FRESH.	
15.7		SW	GREEN BROWN	-	Tr. limonite	///	///	///	10 AS ABOVE, DARK GREEN, GREEN-GREY TO REDDISH BROWN, QZ RICH DELICATE ?? HEMATITE VOLS. SILTSTONE.	
17.5	Fw060144	SW	GREEN RED BROWN	-	Tr. limonite	///	///	///	11 AS ABOVE; FRESH TO WEAKLY WEATHERED	
19.3		FR	GREEN GREEN GREY	-	-	///	///	///	FRESH TO WEAKLY WEATHERED, GREEN TO GREY - GREEN, MEDIUM BROWN, VENT WEAKLY FERRUGINOUS, FINE TO VENT FINE - GRAINED, QZ RICH, DELICATE VOLS. SILTSTONE TO SST.	
									* NOTE FW 060141 = DUPLICATE OF FW 060140.	

Azimuth / Declination

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

COMPLETED 13:50H

COMPLETED 14:30 HR

TR AVERSE C (FINAL WESTERN MOST HOLE)

**HOLE NO : FAT023
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	FW060145	MW	RED BROWN	-	Trace Limonite	///	///	///	///	Moderately weathered, medium reddish brown to buff-brown, mainly feruliginous, 1 fine to very fine-grained Qtz. rich volcanoclastic siltstone.
1.3	3.1		MW	RED TO BUFF BROWN	-	Trace Limonite	///	///	///	///	As above moderately to strongly weathered, few chips of fresh Qtz.
3.1	4.9	FW060146	MW	BROWN/RED BROWN	-	Trace Limonite	///	///	///	///	As above grading to fresher, medium khaki brown, very fine-grained, Qtz. rich sericite volcanoclastic siltstone.
4.9	6.7		SW	KHAKI BROWN	-	Trace Limonite	///	///	///	///	As above, mostly weathered to relatively fresh, mainly feruliginous, fine to very fine-grained, Qtz. rich sericite volcanoclastic siltstone to silt.
6.7	8.5	FW060147	SW	BROWN BUFF	-	Trace Limonite	///	///	///	///	As above, mostly to colonized, with fresher cream, green-white, sericite Qtz. rich volcanoclastic siltstone chips; trace limonite coating, feruliginous.
8.5	10.3		SW	BROWN GREEN	-	Trace Limonite	///	///	///	///	Fresh to mainly weathered, yellowish brown to light green-cream, mainly feruliginous sericite, volcanogenic siltstone - sparse (AHT).
10.3	12.1	FW060148	SW	GREEN BROWN	-	Trace Limonite	///	///	///	///	As above, weathering to yellowish-brown; very fine-grained, sericite, Ashy volcanoclastic siltstone.
12.1	13.9		FR	KHAKI GREEN	-	Trace Limonite	///	///	///	///	As above, fresher to very mainly weathered, sericite, Qtz. rich, fine to very fine-grained volcanoclastic siltstone.
13.9	15.7	FW060149	FR	GREEN KHAKI	-	Trace Limonite	///	///	///	///	As above, fresh, medium to dark olive green - khaki very fine-grained Qtz. rich volc. siltstone.
15.7	17.5		SW	GREEN KHAKI BROWN	-	Trace Limonite	///	///	///	///	As above, tending to mainly weathered, olive green - khaki to yellowish-brown, very fine-grained Qtz. rich sericite volcanoclastic siltstone.
17.5	19.3	FW060150	SW	BUFF BROWN	-	Trace Limonite	///	///	///	///	As above, tending to fine-grained, mainly Qtz. rich volcanoclastic siltstone.
19.3	21.1		SW	GREEN BROWN GREEN	-	1-2% Limonite	///	///	///	///	As above, weathering to fresh, medium green, olive-green, weathering to yellowish-brown, 12 fine to very fine-grained, sericite, Qtz. rich volcanoclastic siltstone to siltstone.

Azimuth / Declination SE / -60°

Total Depth 21.1 m

Collar Co-Ords

Type of Drilling Air Track

Drilled by G & G Drilling

Logged by D. Evans

Date Completed 24/10/06

Sampled by H. Shields

COMMENCED : 08:26 HRL 24/10/06 (TUE)

COMP LET ISO : 08:55 HRL

TRaverse C (Back to E end of Road traverse, plus 15m to E from 1st. Hole)

**HOLE NO : FATO 24
Fire Tower West Air Track**

GREATLAND PTY LTD

Metres From	Metres To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration			Geological Log
							Sil.	Ser. CO3	W	
0	1.3	FW060151	MW	Brown	-	1-2% LIMONITE	///	///	///	Moderately to strongly weathered, medium brown to tan brown, weakly porous, fine to very fine-grained, Qtz-rich volcaniclastic siltstone.
1.3	3.1		MW	Buff brown/red	-	SPARSE LIMONITE	///	///	///	As above, medium to dark buff-brown to red-brown, weakly porous, siliceous, hematitic, Qtz-rich volcaniclastic siltstone; black limonite on fracture planes.
3.1	4.9	FW060152	MW	Brown	-	TRACE LIMONITE	///	///	///	As above, medium brown to tan-brown, moderately weathered.
4.9	6.7		MW	Brown	-	SPARSE LIMONITE	///	///	///	As above, matrix, well sorted, fine to very fine-grained, Qtz-rich, siliceous, hematitic? Hematitic, v. calc. siltstone to ss; sparse limonite as flecks and disseminations; actinolite.
6.7	8.5	FW060153	MW	Brown/red brown	-	TRACE LIMONITE	///	///	///	As above, tending to strongly weathered, clayey siliceous? Hematitic? Hematitic (actinolite) volcaniclastic siltstone to ss; coarse clayey siltstone.
8.5	10.3		MW	Brown/red brown	-	2-5% LIMONITE	///	///	///	As above, soft and clayey with low volume sample return; sparse to minor black limonite coating and partially replacing siltstone.
10.3	12.1	FW060154	SW	Khaki green	-	5-10% LIMONITE	///	///	///	Weakly to moderately weathered, strongly actinolite, medium to dark green-khaki, ferrous, siliceous volcaniclastic siltstone, minor to common black limonite.
12.1	13.9		SW	Khaki green	-	10% LIMONITE	///	///	///	As above, strongly actinolite volcaniclastic siltstone, with common black limonite.
13.9	15.7	FW060155	SW	u	-	u	///	///	///	As above, strongly actinolite, limonite volcaniclastic? Rock type uncertain; magnetite disseminations.
15.7	17.5		SW	u	-	LIMONITE/MAGNETITE	///	///	///	As above, relatively fresh, strongly actinolite, khaki-green, siliceous Qtz-rich volcaniclastic siltstone to ss; sparse magnetite specks.
17.5	19.3	FW060156	FR	u	-	5% MAGNETITE	///	///	///	As above, fresh, strongly actinolite, siliceous Qtz - ? chlorite - magnetite rock.
19.3	21.1		FR	u	-	5-10% MAGNETITE	///	///	///	As above, fresh, dark khaki-green, strongly actinolite, siliceous Qtz - ? chlorite magnetite rock; magnetite as dark, fairly distributed disseminations and specks.

Drilled by **G & G Drilling** Type of Drilling **Air Track** Azimuth / Declination **SE / -60°**

Logged by **D. Evans** Total Depth **21.1** m

Sampled by **H. Shields** Date Completed **24/10/06** Collar Co-Ords

COMPLETED: 09:15 HR 24/10/06 (TUE)

ASMPLEED: 09:50 HR

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GREATLAND PTY LTD

HOLE NO : FAT025

Fire Tower West Air Track

FAT 024

TRaverse C (E END OF ROAD
TRaverse, plus 15m to E from

Metres		Sample Number	Weath Code	Colour	% Quartz		% Lim/Sulph	Sil.	Alteration			Geological Log
From	To				Ser.	CO3			w	Kspar		
0	1.3	FW060157	HW	Brown	-	-	SPARS LIMONITE	///	///	///	STRONG WEATHERED, DARK BROWN FERROGROSS, FINE-GRAINED, QZ-RICH VOLCANIClastic SST, TO SILTSTONE.	
1.3	3.1		HW	Brown	-	-	TRAC LIMONITE	///	///	///	AS ABOVE, MEDIUM TO DARK BROWN TAN-BROWN, FINE-GRAINED, QZ-RICH, SERICITE, HEMATITE VOLE, SST, TO SILTSTONE.	
3.1	4.9	FW060158	HW	Brown/ KHAKI	-	-	SPARS LIMONITE	///	///	///	AS ABOVE, WITH GREEN CHANGES SEGREGATED INTERGRANULAR QZ-RICH SERICITE PLATELX, MODERATELY TO SPARSELY WEATHERED.	
4.9	6.7		HW	Brown/ KHAKI	-	-	u	///	///	///	AS ABOVE WITH COMMON CHIPS OF RELATIVELY FRESH FERROGROSS, HEMATITE/CHLORITE ALTERED, QZ-RICH VOLCANIClastic SST TO SILTSTONE.	
6.7	8.5	FW060159	SW	KHAKI Brown	-	-	5-10% MAGNETITE	///	///	///	FRESH TO MODERATELY WEATHERED, KHAKI-GREEN WEATHERING TO BROWN FERROGROSS, ALTERED SERICITE-QUARTZ MASSIVE-CHLORITE ROCK; ? ALTERED VOLE, SST.	
8.5	10.3		SW	Brown	-	-	2-5% MGT.	///	///	///	AS ABOVE, FRESH TO MODERATELY WEATHERED, DARK KHAKI-GREEN TO BROWN, FINE-GRAINED, STRONGLY ALTERED, SERICITE-CHLORITE-QZ-MGT, ROCK.	
10.3	12.1	FW060160*	SW	KHAKI GREEN	-	-	2% MGT.	///	///	///	AS ABOVE, CONSPICUOUS CHLORITE, SPARSE MGT, IN ALIGNED, QZ-RICH, FINE-GRAINED VOLE, SST.	
12.1	13.9		SW	KHAKI Brown	-	-	2% MGT.	///	///	///	AS ABOVE FRESH TO VERY WEATHERED, DUN, DARK KHAKI-GREEN TO BROWN, ALTERED, FINE-GRAINED, QZ-SERICITE-CHLORITE-MAGNETITE ROCK.	
13.9	15.7	FW060162	SW	Brown KHAKI	-	-	1-2% MGT.	///	///	///	AS ABOVE, DUN, DARK TO VERY DARK GREENS-KHAKI TO BROWN, CONSPICUOUS CHLORITE, ALTERED, FINE-GRAINED, QZ-FERROGROSS-CHLORITE-MGT, ROCK.	
15.7	17.5		FR	KHAKI Brown	-	-	2-3% MGT.	///	///	///	AS ABOVE, FRESH TO MODERATELY WEATHERED DUN DARK GREEN-KHAKI TO BROWN, ALTERED, FINE-GRAINED, QZ-SERICITE-CHLORITE-MGT, ROCK.	
17.5	19.3	FW060164	FR	Brown KHAKI	-	-	10% MGT.	///	///	///	AS ABOVE, FRESH, DUN, VERY DARK GREEN-KHAKI, ALTERED, WITH CONSPICUOUS FINE SPECKLE AND CLOTS OF MAGNETITE.	
19.3	21.1		FR	Green KHAKI	-	-	5-10% MGT.	///	///	///	AS ABOVE, FRESH TO VERY MODERATELY WEATHERED; CHLORITE-SERICITE-QZ-MGT, ALTERED VOLCANIClastic.	

* FW060161 = DUPLICATE OF FW060160
FW060162 = STANDARD INSERTED (4Pb)

Drilled by G & G Drilling	Type of Drilling	Air Track	Azimuth / Declination	SE / -60°
Logged by D. Evans	Total Depth	21.1 m	Collar Co-Ords	
Sampled by H. Shields	Date Completed	24/10/06		

COMMENCED : 10:25 AM 24/10/06 (TUE)
COMPLETED : 11:05

TRaverse G - 1st Hole on TRaverse,
HEADING UPHILL FROM MAIN ACCESS TRACK

HOLE NO : FATO 26
Fire Tower West Air Track

GREATLAND PTY LTD

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	% Alteration	Geological Log		
From	To							Sil.	Ser.	CO3
0	1.3	FW060 165	Hw	BUFF/ PINK-BROWN	-	SPARSE LIMONITE	///	///	///	SPONGELY WEATHERED, DECOMPOSED, WEAKLY FERRUGINOUS, CLAYEY FINE GRANODIORITE, RICH SERICITIC VOLCANIClastic SILTSTONE TO SST.
1.3	3.1		Hw	PINK BROWN/ BUFF	-	TRACE LIMONITE	///	///	///	AS ABOVE, MEDIUM BUFF-BROWN, FINISH-BROWN TO YELLOW-BROWN, SPONGELY WEATHERED, VERY FINE GRANODIORITE, SERICITIC VOLCANIClastic SILTSTONE TO SST.
3.1	4.9	FW060 166	Hw	BROWN/ YELLOW	-	Trace Limonite	///	///	///	AS ABOVE, SPONGELY WEATHERED, VERY WEAKLY FERRUGINOUS, SERICITIC, V. FINE GRANODIORITE, RICH ? FERRUGINOUS PHYRIC TUFF OR VOLCANIClastic SILTSTONE.
4.9	6.7		Hw	BROWN/ Yellow	-	SPARSE LIMONITE	///	///	///	AS ABOVE, MEDIUM BROWN TO YELLOW-BROWN, GRADING TO FINE TO VERY FINE GRANODIORITE, RICH VOLCANIClastic SILTSTONE, SPARSE LIMONITE, WEAKLY WEATHERED-FERRUGINOUS.
6.7	8.5	FW060 167	MW	BROWN/ PINK BROWN	-	TRACE LIMONITE	///	///	///	AS ABOVE, MODERATELY TO SPONGELY WEATHERED, MEDIUM BROWN, BUFF TO FINISH-BROWN, VERY FINE GRANODIORITE, RICH SERICITIC ? PHEMATIC VOLCANIClastic SILTSTONE TO SST.
8.5	10.3		MW	BROWN/ YELLOW BROWN	-	SPARSE LIMONITE	///	///	///	AS ABOVE, MEDIUM TO DARK BROWN, YELLOW-BROWN, VERY FINE GRANODIORITE, RICH SERICITIC ? PHEMATIC (AFRICAN CARIBBEAN) VOLCANIClastic SILTSTONE TO SST.
10.3	12.1	FW060 168	SW	BROWN/ KHAKI	-	TRACE LIMONITE	///	///	///	AS ABOVE, WEAKLY WEATHERED, DULL, MEDIUM TO DARK BROWN, KHAKI-GREEN, V. FINE GRANODIORITE, RICH VOLCANIClastic SILTSTONE, TRACE ? MAGNETITE.
12.1	13.9		SW	BROWN/ KHAKI	-	TRACE LIMONITE	///	///	///	AS ABOVE, TENDING TO FRESH, DULL BROWN TO KHAKI-GREEN, VERY FINE GRANODIORITE, RICH VOLCANIClastic SILTSTONE.
13.9	15.7	FW060 169	SW	BROWN/ KHAKI GREEN	-	TRACE LIMONITE	///	///	///	AS ABOVE, WEAKLY WEATHERED TO FRESH.
15.7	17.5		SW	BROWN/ KHAKI GREEN	-	SPARSE LIMONITE	///	///	///	AS ABOVE, FRESH TO WEAKLY WEATHERED, DULL MEDIUM BROWN TO WEATHERED GREEN, QZ2. RICH FINE TO VERY FINE GRANODIORITE VOLCANIClastic SILTSTONE TO SST.
17.5	19.3	FW060 170	FR	BROWN/ KHAKI GREEN	-	TRACE LIMONITE	///	///	///	AS ABOVE, FRESH TO VERY WEAKLY WEATHERED, MEDIUM GREEN, KHAKI TO BROWN, QZ2. RICH VOLCANIClastic SILTSTONE.
19.3	21.1		FR	BROWN/ KHAKI GREEN	-	TRACE LIMONITE	///	///	///	AS ABOVE, FRESH MEDIUM TO DARK OLIVE GREEN TO KHAKI, WEATHERING TO BROWN, VERY WEAKLY FERRUGINOUS, VERY FINE GRANODIORITE, QZ2-RICH, VOLCANIClastic SILTSTONE TO SST.

Drilled by **G & G Drilling** Azimuth / Declination **S74 / -60°** (Dipped 11 to TRACK DIRECTION - NOT MUCH ROOM TO MANOEUVRE (KG))

Logged by **D. Evans** Total Depth **21.1 m**

Sampled by **H. Shields** Date Completed **24/10/06** Collar Co-Ords

COMMENCED : 11:30 HR
COMPLETED : 12:10 HR
24/10/06
(TUE)

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	% Sil.	Alteration			Geological Log
								Ser.	CO3	W	
0	1.3	FW060 171	HW	Brown	-	SPHRS	///	///	///	SPONGY WEATHERING, MEDIUM TO DARK BROWN RED-BROWN BROWNISH, FINE TO VERY FINE GRANOD, QZ-RICH VOLCANIClastic SILICEOUS TO SST.	
1.3	3.1		MW	Brown/Yellow	-	SPHRS	///	///	///	Moderately to strongly weathered, MEDIUM BROWN YELLOW-BROWN, WEAKLY YELLOW GREEN, VERY FINE GRANOD, QZ-RICH, SERICITE, TRACE CALICITE ALONG VALLEY SILICEOUS	
3.1	4.9	FW060 172	MW	Yellow/Brown	-	1-2% LIMONITE	///	///	///	AS ABOVE, MEDIUM TO DARK BROWN TO YELLOW BROWN, WITH TRACES OF CALICITE IN QZ-RICH, SERICITE, GARNETOMASS.	
4.9	6.7		MW	Yellow/Brown	-	SPHRS	///	///	///	AS ABOVE, DULL BROWN, YELLOWISH GREEN TO KHAKI WEAKLY BROWNISH, FINE TO MEDIUM FINE GRANOD, QUARTZ-RICH, SERICITE, CALICITE, VOLCANIClastic SST TO SILICEOUS	
6.7	8.5	FW060 173	MW	Yellow/KHAKI	-	TRACE LIMONITE	///	///	///	AS ABOVE, MODERATELY TO WEAKLY WEATHERED, MEDIUM YELLOW, YELLOW-KHAKI, FINE GRANOD, QZ-RICH, SERICITE, TRACE CALICITE, VOLCANIClastic, SILICEOUS TO SST.	
8.5	10.3		SW	KHAKI/Yellow	-	1-2% LIMONITE	///	///	///	AS ABOVE, POSSIBLY ALTERED GRANODIOLITE/SERICITE GRANODIOLITE, FINE TO MEDIUM FINE VOLCANIClastic SILICEOUS; TRACE TRACES OF PHASPHATE	
10.3	12.1	FW060 174	SW	KHAKI/Brown	-	Trace MAGNETITE	///	///	///	AS ABOVE, WEAKLY WEATHERED, DULL DARK KHAKI-GREEN TO BROWN, ALTERED, CHLORITE (? CARBONATES) VOLCANIClastic SILICEOUS; TRACE TRACES OF PHASPHATE	
12.1	13.9		SW	KHAKI/Brown	-	2-5% MAGNETITE	///	///	///	AS ABOVE; ALTERED VOLCANIClastic SST; QZ-RICH, WITH SERICITE, CHLORITE, MISC. ALTERATION.	
13.9	15.7	FW060 175	FR	KHAKI/Brown	-	SPHRS	///	///	///	AS ABOVE	
15.7	17.5		FR	GREEN	-	MAGNETITE	///	///	///	AS ABOVE; FRESH TO WEAKLY WEATHERED, KHAKI TO DARK BROWNISH-GREEN, ALTERED QZ-RICH FINE GRANOD, VOLCANIClastic SST. CONTAINING SERICITE, CHLORITE, INTERGRANULAR.	
17.5	19.3	FW060 176	FR	GREEN/BLUE	-	Tr. Py.	///	///	///	AS ABOVE; FRESH TO BLUE-GREEN QZ-RICH GRANOD, ALTERED, FERRICITE ALTERED VOLCANIClastic SANDICIOUS TO SILICEOUS.	
19.3	21.1		FR	GREEN/BLUE	-		///	///	///	AS ABOVE; TRACE PYRITE AS WELL-FORMED CRYSTAL AGGREGATES; SERICITE-CHLORITE ALTERED QZ-RICH VOLCANIClastic SST.	

Azimuth / Declination 274. / -60°

Total Depth 21.1 m

Collar Co-Ords

Type of Drilling Air Track

Drilled by G & G Drilling

Logged by D. Evans

Date Completed 24/10/06

Sampled by H. Shields

COMMENCED: 13:05 HR 24/10/06

COMPLETED: 13:46 HR. (70%)