

Hole_ID	HoleType	HoleSize	Report_ID	Prospect	Company	Date	Datum	AMG_East	AMG_Nort	AMG_RL	DEPTH	AZIMUTH	DIP
FAT028	PC	89mm		FTW	Greatland	20061024	AGD66	443804	5406414	512	13.9	239	-60
FAT029	PC	89mm		FTW	Greatland	20061024	AGD66	443301	5406677	420	21.1	200	-60
FAT030	PC	89mm		FTW	Greatland	20061025	AGD66	443306	5406684	420	8.5	32	-60
FAT031	PC	89mm		FTW	Greatland	20061025	AGD66	443328	5406665	423	21.1	202	-60
FAT032	PC	89mm		FTW	Greatland	20061025	AGD66	443033	5406477	490	21.1	234	-60
FAT033	PC	89mm		FTW	Greatland	20061025	AGD66	443018	5406474	493	21.1	192	-60
FAT034	PC	89mm		FTW	Greatland	20061025	AGD66	443000	5406470	495	21.1	216	-60
FAT035	PC	89mm		FTW	Greatland	20061025	AGD66	442985	5406470	496	21.1	189	-60
FAT036	PC	89mm		FTW	Greatland	20061026	AGD66	442986	5406656	449	21.1	205	-60

TRaverse G- BRO HOLE ON TRAVEL
 AT SCH. END OF RECLAIMED TRACK
 AT CREST OF RIDGE.

HOLE NO : FATO 28
 Fire Tower West Air Track

GREATLAND PTY LTD

Metres From To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration Ser. CO3 W	Geological Log	
							Si.	Kspar
0 1.3	FW060 177	MW	Brown	-	Trace LIMONITE	///	///	Moderately weathered, medium to dark brown, weakly ferruginous, fine-grained, Qtz rich siliceous volcaniclastic siltstones.
1.3 3.1		MW	Brown	-	Trace	///	///	As above, tending to fresh, medium brown-tan, weakly ferruginous, very fine-grained, Qtz rich and siliceous, pyritic volcaniclastic sandstone.
3.1 4.9	FW060 178	MW	Brown Green	-	Trace LIMONITE	///	///	As above, tending to weathered, medium brown-tan to green-grey very fine-grained, Qtz rich, massive volcaniclastic sandstone to siltstone, as above weathered to relatively fresh fine-grained, Qtz rich, siliceous volcaniclastic sandstone to siltstone.
4.9 6.7		SW	Brown	-		///	///	As above, tending to moderately weathered, medium brown-tan to tan-brown, siliceous volcaniclastic siltstone - shale.
6.7 8.5	FW060 179	MW	Brown/ Yellow	-		///	///	As above, weakly weathered to fresh medium brown-tan to green-grey fine to very fine-grained, Qtz rich, siliceous volcaniclastic siltstone to sh. trace py.
8.5 10.3		SW	Brown/ Yellow	-	Trace py.	///	///	As above, rare traces of very fine-grained, Qtz rich, siliceous volcaniclastic siltstone to sh. trace py.
10.3 12.1	FW060 180*	SW	Brown Green	-	Trace py/ky	///	///	As above, weakly weathered to fresh, very fine-grained, Qtz rich, siliceous volcaniclastic sandstone to siltstone; trace py. As siliceous, damp clay.
12.1 13.9		SW	Green/ Brown	-	Trace py	///	///	
13.9 15.7	FW060 181							HOLE HIT DAMP TO WET CLAY, WITH NO SAMPLE RETURN FROM 13.9M;
15.7 17.5								INSTRUCTED TO STOP HOLE.
17.5 19.3	FW060 182							
19.3 21.1								
								*FW060 181 = DUPLICATE OF FW060 182

Drilled by G & G Drilling Type of Drilling Air Track Azimuth / Declination Sth. / -60°
 Logged by D. Evans Total Depth 13.9 m
 Sampled by H. Shields Date Completed 24/10/06 Collar Co-Ords
 COMMENCED : 14:00 HR 24/10/06
 COMPLETED : 14:35 HR (TUE) Page 1 of 1

TRaverse E - from PAD AT BASE
OF STEEP HILL

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration			Geological Log
							Sil.	Ser.	CO3	
0	1.3	FW060182	MW	CREAM	-		///			Moderately to weakly weathered, light to medium cream, very weakly porous, 1 sericite Qtz - phyllic, ash volcaniclastic siliceous tuff.
1.3	3.1		SW	CREAM/TAUN	-		///			As above, weakly weathered, cream to tan, fine-grained, Qtz phyllic, rhyolitic staff on rhyolite.
3.1	4.9	FW060183	SW	CREAM	10-15%	Trace limonite	///			As above, weakly weathered to fresh, medium to light cream, fine-grained, 3 sericite devitrified Qtz phyllic rhyolitic tuff on rhyolite.
4.9	6.7		FR	TAUN	10-15% Qtz	Trace limonite	///			As above, fresh to very weakly weathered, medium cream - tan, weathered to yellow, below fine-grained, Qtz phyllic, siliceous rhyolitic tuff, rhyolite.
6.7	8.5	FW060184	SW	GREEN	10-15% Qtz	Trace limonite	///			As above, weakly weathered to fresh, light greenish-cream, fine-grained, 3 sericite, devitrified, Qtz phyllic rhyolitic tuff on rhyolite.
8.5	10.3		SW	GREEN	10-15% Qtz	Trace limonite	///			As above.
10.3	12.1	FW060185	SW	u	u	Trace limonite	///			At above, weathering to yellow brown, traces of sulphides in blebs, clots.
12.1	13.9		FR	LIGHT GREEN/CHERT	u	u	///			At above, generally fresh, devitrified, siliceous, Qtz phyllic rhyolitic tuff.
13.9	15.7	FW060186	FR	u	u	Trace limonite	///			As above, trace limonite on fractures, phyllic, possibly after sulphides.
15.7	17.5		FR	u / Brown	u	Spargite py.	///			As above, trending to altered, with dull, grey to black-green, very fine-grained py, clots and aggregates.
17.5	19.3	FW060187	FR	BROWN/GREEN/GREY	u	2-5% py	///			Fresh to weakly weathered, light to medium green to grey-green, Qtz rich, altered siliceous, phyllic volcaniclastic. Spargite mineral by at disseminations.
19.3	21.1		FR	GREEN/GREY	u	2-3% py 20%	///			As above, fresh, light to medium green to grey-green, altered Qtz rich, phyllic, siliceous volcaniclastic, spargite to mineral py, + py, + Qtz.
										As fine spargite, disseminations, clots.
										DAMP TO WET CLAY AT EDH

SDH / -60°

Azimuth / Declination

21.1 m

Total Depth

Collar Co-Ords

Type of Drilling Air Track

Date Completed 24/10/06

Drilled by G & G Drilling

Logged by D. Evans

Sampled by H. Shields

COMMENTED AT 13:30 PM 24/10/06 (JUE)

COMPLETED AT 16:15 HR

GREATLAND PTY LTD

HOLE NO : FAT0 30
Fire Tower West Air Track

TRAVERSE E - FROM ROAD AT
BASE OF SHEEP HILL

Metres		Sample Number	Weath Code	Colour	% Quartz		% Lim/Sulph		Alteration		Geological Log
From	To				Sil.	Ser.	CO3	w	kspar		
0	1.3	FW060 188	HW	BROWN							VERY STRONGLY WEATHERED, DECOMPOSED, FINE-GRAINED, CLAYEY DARK BROWN VOLCANIClastic WITH HUMIC CLAYEY SOIL; MOSTLY DISPERSED SOIL PARTICLES FROM DEEP BED.
1.3	3.1		HW	BROWN							AS ABOVE, HOLE CHANGING AT COLLAR, DRILLING WITH SLOPE; BROWN TO CHOCOLATE BROWN HUMIC CLAY SOIL, WITH STRONGLY WEATHERED, DISPERSED, FINE-GRAINED VOLCANIClastic CLAYS.
3.1	4.9	FW060 189	MW	CREAM/FAUN							MODERATELY WEATHERED CREAM TO FAUN-CREAM FINE TO VERY FINE-GRAINED SEMICLUSTED (RTZ-PHYLS ATTACHED RHIZOLITE TUFF CAN BE SEEN IN PLACE)
4.9	6.7		SW	CREAM							AS ABOVE, BUT FINE TO VERY FINE-GRAINED SEMICLUSTED WITH NO ORNAIS
6.7	8.5	FW060 190	SW	CREAM/YELLOW							PHENOCRYSTS, DECOMPOSED SILT TO SHALE-GRAINE RHIZOLITE TUFF, WEAKLY WEATHERED, CREAM TO LIGHT TAUPE (BROWN) VERY FINE-GRAINED DARK FINE
8.5	10.3										DECOMPOSED, SILT TO SHALE-GRAINE RHIZOLITE TUFF; STRONG HIRONITE STAINING ON FRACTURES
10.3	12.1	FW060 191									6
12.1	13.9										7 HOLE ABANDONED - LOST SAMPLE RETURN DUE TO HOLE
13.9	15.7	FW060									8 CHANGING IN AT COLLAR AND MUCH OF SAMPLE BECOMING RECYCLED BACK
15.7	17.5										9 DOWN HOLE; DANGER OF RODS BECOMING BEGONE, UNABLE TO
17.5	19.3	FW060									10 LIFT SAMPLE BACK TO COLLAR; SAMPLE ALSO CONTAMINATED.
19.3	21.1										11
											12

Azimuth / Declination N74 / - 60°

Total Depth 8.5 m

Collar Co-Ords

Type of Drilling Air Track

Drilled by G & G Drilling

Logged by D. Evans

Sampled by H. Shields

Date Completed 25/10/06

COMPLETION 08:35 HR
COMPLETED 09:00 HR
25/10/06 (WSD) Page 1 of 1

T. VERSE E - 30M BACK EAST FROM PAD AT BASE OF STEEP HILL

GREATLAND PTY LTD

HOLE NO : FATO 31
Fire Tower West Air Track

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration			Geological Log
From	To						Sil.	Ser. CO3	W	
0	1.3	FW060 191	FR HW	Brown / Brown / Fawn			///	///	///	VERY STRONGLY WEATHERED, CLAYEY, (BROWN/GREEN), DARK BROWN, FINE-GRAINED VOLCANIClastic SIZES, WITH THIN FINIC CLAY SOIL.
1.3	3.1		MW	Brown / Fawn	10%		///	///	///	MODERATELY TO STRONGLY WEATHERED, YELLOW-BROWN FAWN TO CREAM WEAKLY FERRUGINOUS, VERY FINE-GRAINED, SELICISED QZ. PHYRIC RHIZOLITE TUFF OR RHIZOLITE
3.1	4.9	FW060 192	SW	Brown / Cream / Green	5-10%	SPARS LIMONITE	///	///	///	AS ABOVE, TENDING-LESS WEATHERED, WITH RELATIVELY FINE QZ. PHENOCRYSTS, RARE POSSIBLE VEIN QZ.
4.9	6.7		SW	Cream / Green	2.5%	SPARS LIMONITE	///	///	///	WEAKLY WEATHERED, LIGHT TO MEDIUM GREEN - CREAM WEATHERING TO YELLOW BROWN, VERY FINE-GRAINED, SELICISED, DEHYDRATED RHIZOLITE TUFF, TRACE? SULPHIDE SPECKLES
6.7	8.5	FW060 193	SW	Cream / Fawn	5-10%	TRACES LIMONITE	///	///	///	AS ABOVE QZ - PHYRIC WITH TRACE TO SPARS YELLOW-BROWN LIMONITE COATING FRACTURES, NO SULPHIDE NOTED.
8.5	10.3		SW	"		TRACES LIMONITE	///	///	///	AS ABOVE, TENDING TO EVEN-TEXTURED, WITH POSSIBLE SELICISED K-SPATE LATHS, ABUNDANT FINE QZ. INTERGROWTHS FEW PHENOCRYSTS, POSSIBLY RHIZOLITE.
10.3	12.1	FW060 194	FR	"	5-10%	TRACES LIMONITE	///	///	///	AS ABOVE, TENDING TO QZ, PHYRIC, VERY WEAKLY WEATHERED TO FRESH.
12.1	13.9		MW	Cream / Yellow / Brown	5-10%	SPARS LIMONITE	///	///	///	AS ABOVE, TENDING TO MODERATELY WEATHERED, EVEN-TEXTURED TO QZ. PHYRIC, FINE TO VERY FINE-GRAINED, SELICISED, DEHYDRATED RHIZOLITE TUFF OR RHIZOLITE.
13.9	15.7	FW060 195	MW	Brown / Cream / Green		SPARS LIMONITE	///	///	///	AS ABOVE, MODERATELY WEATHERED, WITH SOME K-SPATE SEMI-FERRUGINOUS AGGREGATION IN SOME CLIPS.
15.7	17.5		MW	Brown / Fawn	5%	TRACES PYROPH.	///	///	///	AS ABOVE, WEAKLY TO MODERATELY WEATHERED; TRACE TO SPARS F, AS SPARS DISSEMINATIONS + POSSIBLE? APZ. CHLORIDES; SLIGHTLY DAMP, SLOW DRILLING.
17.5	19.3	FW060 196	FR	Green / Green	5-10%	SPARS PYROPH.	///	///	///	AS ABOVE, FRESH, LIGHT GREY-GREEN ALTERED QZ. PHYRIC SELICISED RHIZOLITE * VOLCANIClastic SST; CONSISTENT EMBEDRA OF COMBUSTIBLE F, ? KALKOPY, FERRULEARY
19.3	21.1		FR	Green / Green	10-15%	TRACES PYROPH.	///	///	///	AS ABOVE, FRESH, LIGHT GREEN-GREY, WEAKLY ALTERED QZ, RICH IN PHYRIC SELICISED VOLCANIClastic SST, ON TUFF; TRACES OF F, I QZ, EPZ, FERRULEARY * VENEING.

HIT WATER (AFTER FINAL SAMPLE TAKEN)

Drilled by G & G Drilling	Type of Drilling Air Track	Azimuth / Declination	STH / -60°
Logged by D. Evans		Total Depth	21.1 m
Sampled by H. Shields	Date Completed 25/10/06	Collar Co-Ords	

COMMENCED : 09:20 HR
COMPLETED : 10:00 HR
25/10/06
(WBS)

TRAVELSE 0 - EAST END HOLE

GREATLAND PTY LTD

HOLE NO : FATO 32

Fire Tower West Air Track

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration			Geological Log
From	To						Sil.	Ser.	CO3	
0	1.3	FW060 197	MW	BROWN/ CREAM			///			MODERATELY TO WEAKLY WEATHERED WEAKLY FERRUGINOUS, MEDIUM BROWN TO 1 CREAM. GREY, QZ2 RICH + PHYALIC, SERICITIZED VOLCANICIZED RHYOLITIC TUFF, AS ABOVE, MODERATELY WEATHERED, MEDIUM ORANGE-BROWN YELLOW-BROWN TO CREAM - 2 GREEN SERICITIZED QZ2. PHYALIC RHYOLITE TUFF OR POSSIBLY RHYOLITE.
1.3	3.1		MW	BROWN	5-10%	SPARSE LIMONITE	///			MODERATELY TO STRONGLY WEATHERED BUFF-BROWN TO BROWN LIGHT GREEN 3. WEAKLY FERRUGINOUS, FINE TO VERY FINE-GRAINED, SERICITIC QZ2. RICH VOLS. SERICITIC
3.1	4.9	FW060 198	MW	BUFF BROWN GREEN		SPARSE LIMONITE	///			AS ABOVE BUT QZ2. PHYALIC TO EVEN-TEXTURED QZ2 RICH, SERICITIC 4 RHYOLITIC TUFF TO VOLCANOGENIC SILTSTONE - SST.
4.9	6.7		MW	BROWN GREEN	2-5%	TRACE LIMONITE	///			WEAKLY WEATHERED, LIGHT OLIVE-GREEN-KHAKI WEATHERING TO BROWN WEAKLY 5 FERRUGINOUS, QUARTZ-RICH, SERICITIZED VOLS. SILTSTONE - SST.; TRACE SULPHIDE? AS ABOVE, WEAKLY TO MODERATELY WEATHERED, WITH POSSIBLE SPARSE TRACES OF 6 SULPHIDES AS MINUTE SPECKLES.
6.7	8.5	FW060 199	SW	BROWN		SPARSE LIMONITE	///			AS ABOVE, QZ2-PHYALIC TO QZ2. RICH WITH TRACE SERICITIZED K-SPAR + FSS, BUS 7 RARE TRACES OF ? SULPHIDE AS SPECIES.
8.5	10.3		SW	BROWN/ TAN/ GREEN		SPARSE LIMONITE	///			AS ABOVE, POSSIBLY HEMATITE FROM SERICITE/CARBONATE, WITH LIMONITE REPLACING AFION? 8 SULPHIDE WEAKLY WEATHERED, ALTERED, MEDIUM BROWN-TAN, FRESHLY LIGHT GREEN, 9 SERICITIZED ? CARBONATE-ALTERED FINE TO VERY FINE GRAINED QZ2-RICH VOLS. SILTSTONE
10.3	12.1	FW060 200*	SW	BUFF/ GREEN	2-5%	TRACE ? SULPHIDE	///			AS ABOVE FRESHER ALTERED SERICITE HEMATITE POSSIBLY AFION ? 10 WITH SPARSE BLACK LIMONITE/MIN OXIDES PARTIALLY REPLACING.
12.1	13.9		SW	AS ABOVE		SPARSE LIMONITE	///			AS ABOVE, ALTERED POSSIBLY AFION CARBONATE.
13.9	15.7	FW060 203	SW	BROWN/ TAN		MINOR ? LIMONITE	///			AS ABOVE, FRESH ALTERED BROWN-BUFF TO OLIVE GREEN SERICITE HEMATITE (AFTER ? 12 CARBONATE) QZ2 RICH VOLCANOGENIC SILTSTONE TO VERY FINE-GRAINED SILTSTONE.
15.7	17.5		FR	BUFF/ GREEN		SPARSE LIMONITE	///			* FW060 201 = DUPLICATE OF FW 060 200
17.5	19.3	FW060 204	FR	BUFF/ RED BROWN		TRACE LIMONITE	///			FW060 202 = STANDARD INSERTED (SPb) /
19.3	21.1		FR	AS ABOVE		LIMONITE	///			

Drilled by **G & G Drilling** Type of Drilling **Air Track** Azimuth / Declination **SW / -60°** (UNABLE TO DRILL INTO TRACE, NOT CLARIFIED BY BURDORF)

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

Sampled by **H. Shields** Date Completed **25/10/06** Collar Co-Ords

25/10/06
(WEN)

COMMENCED : 11:40 HR
COMPLETED : 12:20 HR

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TRAVERSE O - EAST END +
15M WEST

HOLE NO : FAT003
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	FW060205	MW	FAWN/ CREAM	2.5%		///	///	///	Moderately to weakly weathered, fawn-cream to medium tan-brown, 1 very weakly ferruginous, silicified, Qtz-rich ± feldspar, silicification/tuff, as above weakly weathered fawn-cream to green, very fine-grained, 2 Qtz phyllic, phyllic, volcaniclastic silicification or tuff
1.3	3.1		SW	CREAM/ GREEN	5-10%		///	///	///	as above, tending to fresh, light green-grey to cream very fine-grained, 3 Qtz rich, silicified, phyllic tuff/volcanogenic silicification
3.1	4.9	FW060206	SW	GREEN/ GREY		Trace limonite	///	///	///	4 as above, fresh to weakly weathered, Qtz, phyllic to Qtz rich
4.9	6.7		SW	"	2.5%	Trace limonite	///	///	///	5 as above, tending to weakly to moderately weathered, silicified Qtz - rich ± phyllic, phyllic tuff to volcaniclastic silicification
6.7	8.5	FW060207	MW	GREEN/ GREY to Brown	2.5%	Trace limonite	///	///	///	6 as above, Qtz-rich, even textured, silicified, devitrified, phyllic tuff
8.5	10.3		SW	"		Trace limonite	///	///	///	7 as above, silicified, devitrified, Qtz-rich, phyllic tuff; trace black sulphide, 8 as above, weakly weathered to fresh, with small specular and clotted of very fine-grained black-brown, 9 as above, weakly weathered to fresh, very fine-grained, Qtz, phyllic to
10.3	12.1	FW060208	SW	"		Trace sulphide	///	///	///	10 as above, tending to weakly weathered; low volume samples return, possibly becoming damp/clayey; sparse limonite after sulphide
12.1	13.9		SW	"		Trace ? sulphide	///	///	///	11 as above, fresh to very weakly weathered; low volume sample return; altered silicified devitrified phyllic tuff or volcaniclastic silicification
13.9	15.7	FW060209	FR	"	2.5%	Sparse limonite	///	///	///	12 silicified, devitrified, Qtz phyllic, phyllic tuff; low volume samples return
15.7	17.5		SW	"	2.5%	Sparse limonite	///	///	///	
17.5	19.3	FW060210	FR	GREEN/ BUFF CREAM		Sparse limonite	///	///	///	
19.3	21.1		FR	GREEN/ GREY	5-10%		///	///	///	

STH / -60°

Azimuth / Declination

Type of Drilling Air Track

Drilled by G & G Drilling

Total Depth 21.1 m

Logged by D. Evans

Collar Co-Ords

Date Completed 25/10/06

Sampled by H. Shields

COMMENCED : 13:00 PM
COMPLETED : 13:50 PM

25/10/06

HOLE NO : FATO 34
Fire Tower West Air Track

TRAVERSE 0 - EAST END +
30M WEST,
45M (COUNT SET UP ON
30M SITE (TREES IN WAY)

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration		Geological Log
From	To						Sil. Ser.	CO3 W	
0	1.3	FW060 211	MW	BROWN/CREAM	10-20%		///		MODERATELY WEATHERED, BROWN TO LIGHT GREENISH - CREAM VIBRANT SERICITIC 1 SERICITIC QZ. SPHALIC RHYOLITIC TUFF ON VOLCANOGENIC SILTSTONE.
1.3	3.1		SW	YELLOW BROWN/CREAM	10%	TRACE LIMONITE	///		AS ABOVE, FRESH, LIGHT CREAM TO GREEN-CREAM, SERICITIC QZ. RICH TO PLATY RHYOLITIC TUFF OR VOLCANOGENIC SILTSTONE.
3.1	4.9	FW060 212	SW	GREY GREEN	10%		///		AS ABOVE, FRESH TO VERY WEAKLY WEATHERED, LIGHT GREEN-GREY, SERICITIC QZ, 3 DENTRIFIED, QZ-RICH RHYOLITIC TUFF, MILKY QZ. CHIPS.
4.9	6.7		SW	"	10%		///		AS ABOVE: COMMON MILKY TO CREAM SUBTERRAN QZ. CHIPS; VERY FINE CHAIN IN SAMPLE, WITH BUZZY CLAY FRACTION.
6.7	8.5	FW060 213	SW	"	10%		///		AS ABOVE; FRESH, WEAKLY WEATHERED TO BROWN, FERROUS OXYDIZED CHIPS.
8.5	10.3		SW	GREY/BROWN	5-10%		///		AS ABOVE TENDING TO ALTERED, REDDISH BROWN POSSIBLY SERICITIC HEMATITE AFON 6 FE CARBONATE; FINE TO VERY FINE - GRANO QZ RICH ± SPHALIC RHYOLITIC TUFF/VOLC. SILTSTONE
10.3	12.1	FW060 214	SW	BROWN/GREEN	2-5%	TRACE LIMONITE	///		AS ABOVE, MORE ALTERED SERICITIC? HEMATITE AFON FE-CARBONATE, 7 BLACK LIMONITE? SULPHIDE IN FRACZONES AND SPHALIC REPLACING.
12.1	13.9		SW	AS ABOVE	2-5%	SPARSE LIMONITE	///		AS ABOVE FRESH TO WEAKLY WEATHERED, ALTRERO BROWN TO GREEN-GREY; 8 BLACK LIMONITE / POSSIBLY SULPHIDE CLUSTERS AND AGGREGATES.
13.9	15.7	FW060 215	SW	AS ABOVE	2-5%	SPARSE LIMONITE	///		AS ABOVE.
15.7	17.5		SW	BROWN/YELLOW GREEN		SPARSE LIMONITE	///		AS ABOVE "FRESH TO WEAKLY WEATHERED ALTERED, BROWN TO LIGHT GREEN-GREY, 10 SERICITIC QZ. DENTRIFIED, QZ-RICH RHYOLITIC TUFF OR VOLCANOGENIC SILTSTONE. RODS STUCK
17.5	19.3	FW060 216	SW	YELLOW CREAM	5-10%	Trace ? sulphide	///		AS ABOVE, FRESH, ALTRERO, CREAM, YELLOW-CREAM FINE TO VERY FINE - GRANO, 11 QZ-SPHALIC (K-SPHALIC), SERICITIC QZ, DENTRIFIED, RHYOLITIC TUFF.
19.3	21.1		RR	YELLOW BROWN/GRANITE	5-10%		///		AS ABOVE; NO SULPHIDE NOTED.

Drilled by **G & G Drilling** Type of Drilling **Air Track** Azimuth / Declination **S2H** | **-60°**

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

Sampled by **H. Shields** Date Completed **25/10/06** Collar Co-Ords **CORAL # 2 3m WEST OF 443000E LINE**

25/10/06 (WED) COMMENCED : 14:05 HR COMPLETED : 13:00 HR Page | of |

TRaverse O - LAST POINT
 MARKED OUT 618M WEST OF
 GRID LINE 448000m E

HOLE NO : FATO 35
 Fire Tower West Air Track

GREATLAND PTY LTD

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration			Kspar	Geological Log
From	To						Sil.	Ser.	CO3		
0	1.3	FW060 217	HW	BROWN/ CREAM			///	///	///		STRONGLY TO MODERATELY WEATHERED, MAINLY FERROUGINOUS, BROWN, CREAM-BROWN SILICIFICATION, 1 QZ ± PHYRIC, FINE TO VERY FINE-GRANDED HYDROTIC TUFF.
1.3	3.1		MW	CREAM/ BROWN		TRACE LIMONITE	///	///	///		AS ABOVE-MODERATELY TO WEAKLY WEATHERED, VERY FINE CHIPS AND RELATIVELY LARGE VOLUME FINES IN SAMPLE, SLATE.
3.1	4.9	FW060 218	SW	CREAM/ GREEN	5-10%		///	///	///		3 AS ABOVE, TENDING TO FRESH, QZ ± PHYRIC SILICIFIED, FINE-GRANDED RHYOLITE TUFF.
4.9	6.7		SW	Yellow BROWN GREEN		TRACE LIMONITE	///	///	///		4 AS ABOVE, WEAKLY WEATHERED, ALTERED, SILICIFIED, DEHYDRATED, QZ ± RICH RHYOLITE TUFF. SUDDEN COLOUR CHANGE; WEAKLY WEATHERED, RED-BROWN, ALTERED SILICIFIED HEMATITE
6.7	8.5	FW060 219	SW	RED BROWN		TRACE LIMONITE	///	///	///		5 (AFTER FE CARBONATE) ALTERED, QZ-RICH RHYOLITE TUFF OR VOLC. SILICIFIED
8.5	10.3		SW	"	2-5%		///	///	///		6 AS ABOVE; REMNANT FINE QZ ± PHYRIC TEXTURES.
10.3	12.1	FW060 220*	SW	"	1-2%		///	///	///		7 AS ABOVE; MAINLY EVEN TEXTURED, FINE TO VERY FINE-GRANDED; SILICIFIED HEMATITE ALTERED
12.1	13.9		SW	Brown	1-2%		///	///	///		8 AS ABOVE; BROWN REDDISH BROWN TO LIGHT GREEN-CREAM; VERY FINE-GRANDED SILICIFIED QZ-RICH RHYOLITE TUFF OR VOLCANOGENIC SILICIFIED
13.9	15.7	FW060 222	SW	Yellow BROWN/ CREAM		TRACE ? SULPHIDE	///	///	///		9 AS ABOVE, TENDING TO FRESH; ALTERED SILICIFIED, DEHYDRATED QZ RICH RHYOLITE TUFF OR VOLCANOGENIC SILICIFIED; FINE-GRANDED; SULPHIDE AGGREGATES.
15.7	17.5		SW	RED BROWN	1-2%		///	///	///		10 AS ABOVE; FRESH TO WEAKLY WEATHERED, SILICIFIED; HEMATITE ALTERED FE-CARBONATE; ALTERED QZ-RICH RHYOLITE TUFF.
17.5	19.3	FW060 223	SW	Yellow BROWN		SPARSE LIMONITE	///	///	///		11 AS ABOVE; WEAKLY WEATHERED, ALTERED, MEDIUM BROWN TO YELLOW-BROWN; SILICIFIED; LIMONITE ALTERED.
19.3	21.1		FR	Yellow BROWN TO GREEN CREAM	2%	TRACE ? PY	///	///	///		12 AS ABOVE; WEAKLY WEAKLY WEATHERED, SILICIFIED, DEHYDRATED QZ RICH ± PHYRIC RHYOLITE TUFF OR VOLCANOGENIC SILICIFIED
											* FW060 221 = DUPLICATE OF FW 060 220

Drilled by G & G Drilling Type of Drilling Air Track Azimuth / Declination S74 / -60°

Logged by D. Evans Total Depth M

Sampled by H. Shields Collar Co-Ords

Date Completed 25/10/06

25/10/06
(WED)

COMMENCED : 15:15 HR
 COMPLETED : 15:56 HR

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration			Geological Log
From	To						Sil.	Ser.	CO3	
0	1.3	Fw060224	HW	Brown/ Cream			0.6	///		STRONGLY WEATHERED, MEDIUM TO DARK BROWN CREAM (FRESH), WEAKLY FERRUGINOUS, SILEICISED QZ FHYLIC, FINE TO VERY FINE - GRANULAR FHYLITES ON FHYALYTIC TUFF.
1.3	3.1		MW	Cream/ Fawn	10-15%		0.1	///		MODERATED TO WEAKLY WEATHERED, CREAM - FAWN TO TANN BROWN, ALTERED, DEMATERIALIZED, SILEICISED QZ FHYLIC, FINE TO VERY FINE - GRANULAR FHYLITE, POSSIBLY FHYALYTIC TUFF.
3.1	4.9	Fw060225	SW	Cream/ Fawn	10-15%	TRACE LIMONITE	0.6	///		AS ABOVE TENDING FRESHER, ALTHOUGH ALTERED, SILEICISED, TRACE LIMONITE ON GRAZING PLANE.
4.9	6.7		SW	Fawn/ Green	10-15%		0.6	///		WEAKLY WEATHERED TO FRESH, LIGHT FAWN - CREAM TO LIGHTEST GREEN, SILEICITATION, DEMATERIALIZED QZ FHYLIC RHYOLITE OR FHYALYTIC TUFF.
6.7	8.5	Fw060226	SW	Fawn	10%		0.6	///		AS ABOVE, FRESH TO WEAKLY WEATHERED FAWN, ALTERED, SILEICISED FINE TO VERY FINE GRANULAR, DEMATERIALIZED QZ FHYLIC ± FINE FHYALYTIC OR FHYALYTIC TUFF.
8.5	10.3		MW	Brown/ Fawn	5-10%		0.1	///		AS ABOVE, TENDING TO WEATHERED LIMONITE, ALTERED, SILEICISED FINE - GRANULAR, QZ RICH TO QZ FHYLIC FHYALYTIC TUFF OR VOLCANIClastic SILTSTONE.
10.3	12.1	Fw060227	MW	Brown		TRACE ? SULPHIDE	0.1	///		AS ABOVE, WEATHERED TO PETEROP, LIMONITE (? AFROSPINDLE) FINE GRANULAR SILEICITIC QZ RICH FHYALYTIC TUFF OR VOLCANIClastic SILTSTONE.
12.1	13.9		SW	Brown/ Grey	5%	TRACE LIMONITE	0.1	///		WEAKLY WEATHERED TO FRESH, BROWN, GREY - GREEN, MATERIALS QZ RICH ± FHYLIC, FINE TO VERY FINE - GRANULAR, VOLCANIClastic SILTSTONE TO SANDSTONE.
13.9	15.7	Fw060228	MW	Brown/ Fawn/ Grey	5%	TRACE SULPHIDE	0.1	///		AS ABOVE, POSSIBLE PAIR TRACES OF VERY FINE - GRANULAR ?? APY.
15.7	17.5		SW	Brown/ Fawn/ Grey		TRACE ? SULPHIDE	0.1	///		AS ABOVE, FRESH TO WEAKLY WEATHERED WEAKLY FERRUGINOUS, FINE TO VERY FINE GRANULAR, QUARTZ - RICH ± FHYLIC, ALTERED, VOLCANIClastic SILTSTONE TO SANDSTONE.
17.5	19.3	Fw060229	FR	Grey/ Green	1-2%		0.1	///		FRESH TO VERY WEAKLY WEATHERED, GREY - GREEN TO FAWN-BROWN WEAKLY ALTERED, FINE - GRANULAR QZ RICH VOLCANIClastic SANDSTONE TO SILTSTONE, SPARSE PZ, SPECIES,
19.3	21.1		FR	Grey/ Green		TRACE ? PA	0.1	///		AS ABOVE, TENDING TO WEAKLY WEATHERED LIGHT GREY - GREEN, WEAKLY ALTERED, FINE TO VERY FINE - GRANULAR QZ RICH ± FHYLIC VOLCANIClastic SILTSTONE.

HIT WATER - ROADS WET ON COMPLETION.

Drilled by G & G Drilling
Logged by D. Evans
Sampled by H. Shields

Type of Drilling Air Track
Azimuth / Declination Swl - 60°
Total Depth 21.1 m
Collar Co-Ords

26/10/06 (TH)

COMMENCED : 09:10 HRL
COMPLETED : 09:50 HRL