

Hole_ID	HoleType	HoleSize	Report_ID	Prospect	Company	Date	Datum	AMG_East	AMG_Nort	AMG_RL	DEPTH	AZIMUTH	DIP
FAT001	PC	89mm		FTW	Greatland	20061018	AGD66	444570	5406170	505	16.6	223	-60
FAT002	PC	89mm		FTW	Greatland	20061018	AGD66	444562	5406137	509	16.6	224	-60
FAT003	PC	89mm		FTW	Greatland	20061018	AGD66	444410	5406240	507	21.1	217	-60
FAT004	PC	89mm		FTW	Greatland	20061018	AGD66	444430	5406240	507	21.1	31	-60
FAT005	PC	89mm		FTW	Greatland	20061018	AGD66	444381	5406234	507	21.1	217	-60
FAT006	PC	89mm		FTW	Greatland	20061018	AGD66	444368	5406223	508	20.6	217	-60
FAT007	PC	89mm		FTW	Greatland	20061019	AGD66	444350	5406209	508	21.1	228	-60
FAT008	PC	89mm		FTW	Greatland	20061019	AGD66	444340	5406207	509	21.1	241	-60
FAT009	PC	89mm		FTW	Greatland	20061019	AGD66	444330	5406206	509	15.7	258	-60

1st. 1/2 ROD = 1.3m  
then 1.8m

TRAVEL N AT S.Y. EDGE OF ROAD

GREATLAND PTY LTD

HOLE NO FAT 001  
Fire Tower West Air Track

-60°S

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration			Geological Log
							Sil.	Ser. CO3	W Kspar	
0	1.3	FW060001	MW	Brown/cream	0	0	///	///	///	WEATHERED LIGHT BROWN CREAM, FINE TO VERY FINE - GRAINED, QUARTZ-RICH SANDSTONE. MEDIUM WEATHERED CLAYEY LIGHT CREAM - WHITE, VERY FINE - GRAINED, QUARTZ-RICH SANDSTONE.
1.3	3.1	FW060002	MW	CREAM/WHITE	0	0	///	///	///	AS ABOVE
3.1	4.9	FW060003	MW	CREAM/WHITE	0	0	///	///	///	AS ABOVE, TENDING TO LESS MONOMICT, WITH FINE BROWN QZ. CUTS.
4.9	6.7	FW060004	MW	CREAM/WHITE	0	0	///	///	///	AS ABOVE WITH ABUNDANT FINE, LIGHT CREAM - BROWN CLAY FRACTION.
6.7	8.5	FW060005	SW	CREAM/WHITE	0	0	///	///	///	POSSIBLE LITHOLOGY CHANGE; LIGHT TO MEDIUM GREEN - CREAM, VERY FINE - GRAINED QZ, RICH VOL. SST??
8.5	10.3	FW060006	SW	GREEN/CREAM	0	0	///	///	///	LIGHT CREAM/BROWN, CLAYEY, QUARTZ RICH SANDSTONE
10.3	12.1	FW060007	SW	CREAM/FIN	0	0	///	///	///	LIGHT TO MEDIUM GREEN - CREAM, VERY FINE - GRAINED QZ, RICH VOL. SST??
12.1	13.9	FW060008	SW	GREEN/CREAM	0	0	///	///	///	AS ABOVE, SEMICRISTALLINE OBLITERATED MATRIX
13.9	15.7	FW060009	FR	CREAM	0	0	///	///	///	LIGHT TO MEDIUM CREAM, CLAY-RICH SAMPLE, FEW ROCK CHIPS, GASTRY CUTS.
15.7	16.6	FW060010	MW	CREAM	0	0	///	///	///	
16.6	19.3	FW060011								
19.3	21.7	FW060012								

Azimuth / Declination - 60° / S ALONG HOLE

Total Depth 16.6m

Collar Co-Ords

Type of Drilling Air Track

Date Completed 18/10/06

Drilled by G & G Drilling

Logged by D. Evans

Sampled by H. Shields

TRAVERSE N UP ... APPROX 25m Sth. of HOLS  
FAT 001

HOLE NO FAT 002  
Fire Tower West Air Track

GREATLAND PTY LTD

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sulph	Alteration			Geological Log
							Sil.	Ser. CO3	W	
1	0	FW060011	MW	Pink Lt. Grey	-	0	///			MODERATELY WEATHERED, LIGHT PINK GREY, WHITE, QUARTZ-RICH CONGLOMERATES (RELATIVELY CONGLOMERATE SCARCE) AS ABOVE, WITH MORE CLAY FLAZION + MINOR BROWN-IRON FE OXIDES CONTAINING SOME CHIPS
2	1.3	<del>FW060012</del>	MW	White Cream	-	0	///			MODERATELY TO SPONGY WEATHERED, LIGHT CREAM-WHITE, KAOLINIC CLAY WITH LIGHT PINK CHIPS
3	3.1	FW060012	MW	White Cream	-	0	///			AS ABOVE
4	4.9	<del>FW060012</del>	MW	White Cream	-	0	///			LIGHT YELLOW BROWN WEATHERED FERRUGINOUS CLAY, WITH FINE QUARTZ CHIPS
5	6.7	FW060013	W	Yellow Brown	-	0	///			LIGHT TO MEDIUM GREENISH CREAM, CLAYEY, VOLE? SANDSTONE
6	8.5		MW	Green Cream	-	0	///			DISTINCT COLUMN CHANGE IN SAMPLE
7	10.3	FW060014	MW	White	-	0	///			AS ABOVE
8	12.1		MW	Mottled Green/White	-	0	///			AS ABOVE; GREENISH CREAM CLAYEY? VOLC. SANDSTONE WITH LIGHT CREAM-WHITE CLAY CONCRETION
9	13.9	FW060015	SW	White/Cream	-	0	///			LIGHT CREAM/WHITE TO LIGHTEST GREY WHITE KAOLINIC CLAYS WITH FINE CLEAN QUARTZ CHIPS POSSIBLY WEATHERED PLAZOLITE OR RHYOLITE VOLCANIC
10	15.7		SW	White	-	0	///			WHITE TO LIGHTEST GREY-WHITE KAOLINIC CLAY WITH FEW FINE SUB-ANGULAR CLEAN QUARTZ CHIPS; POSSIBLY WEATHERED RHYOLITE
		FW060016		DUPLICATE						
		OF FW06015		(13.9-16.6 Composite)						

Azimuth / Declination - 60° / S ALONG LINE

Total Depth 16.6m

Collar Co-Ords

Type of Drilling Air Track

Date Completed 18/10/06

Drilled by G & G Drilling

Logged by D. Evans

Sampled by H. Shields

TRAVERSE A ON ROAD (SETH. SIDE)

**HOLE NO FAT 003**  
**Fire Tower West Air Track**

**GREATLAND PTY LTD**

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Sandph	Sil.	Alteration			Geological Log
								Ser.	CO3	W	
1	0	FW060017	HW	BROWN BUFF	-	10%					STRONGLY WEATHERED, COARSE-MOTTLED, MEDIUM BROWN, ORANGE-BROWN TO BUFF, FERUGINOUS, CLAY? RHIZOIDS.
2	1.3		HW	BROWN BUFF	-	5-10%					AS ABOVE; MINOR COMMON FE OXIDE (LIMONITE) PARTIALLY REPLACING SOME CHIPS
3	3.1	FW060018	HW	MEDIUM BROWN/BUFF	-	5-10%					AS ABOVE; SOME FRESHER CHIPS OF LIGHT GREEN-CREAM SILEXITIZED? RHIZOIDS
4	4.9		MW	YELLOW BROWN	-	7%					TENDING TO FRESHER, COARSE-MOTTLED BUFF-BROWN, YELLOW-BROWN TO LIGHTER CREAM VERY FINE-GRANULAR, SILEXITIZED? RHIZOIDS
5	6.7	FW060019	MW	YELLOW BROWN/BUFF	-	"					AS ABOVE.
6	8.5		HW	YELLOW BROWN	-	5%					AS ABOVE, BUT MORE WEATHERED, WITH YELLOW BROWN WEATHERING CLAY; POSSIBLY VOLCANIC-LIKE SILICONS - SEE.
7	10.3	FW060020	MW	BROWN BUFF	-	2-5%					MODERATELY WEATHERED, MEDIUM BUFF-BROWN WEAKLY FERUGINOUS, VERY FINE-GRANULAR, SILEXITIZED VOLCANIC-LIKE SILICONS - SEE.
8	12.1		MW	BROWN	-	2%					AS ABOVE MODERATELY WEATHERED, BROWN TO YELLOW-BROWN, SOME FINEST GRAY CHIPS; VERY FINE-GRANULAR VOLCANIC-LIKE SILICONS - SEE.
9	13.9	FW060021	MW	BROWN	-	2%					MODERATELY WEATHERED, BROWN TO YELLOW-BROWN, WEAKLY FERUGINOUS, FINE TO VERY FINE-GRANULAR VOLCANIC-LIKE SILICONS - SEE.
10	15.7		MW	BROWN	-	2%					MODERATELY WEATHERED TO FRESHER, BROWN TO YELLOW-BROWN, WEAKLY FERUGINOUS, FINE TO VERY FINE-GRANULAR VOLCANIC-LIKE SILICONS - SEE.
11	17.5	FW060022	MW	BROWN/RED BROWN	-	5-10%					AS ABOVE, BUT WITH REDDISH BROWN FERUGINOUS? VOLC. SEE CHIPS
12	19.3		MW	RED / BROWN	-	5-10%					INTERMEDIATE; POSSIBLE LITHOLOGICAL CHANGES
											MEDIUM RED-BROWN MODERATELY TO WEAKLY WEATHERED, FERUGINOUS, VERY FINE GRANULAR VOLCANIC-LIKE SILICONS - SEE.

Azimuth / Declination - 60° SOUTH

Total Depth 21.1m

Collar Co-Ords

Type of Drilling Air Track

Date Completed 18/10/06

Drilled by G & G Drilling

Logged by D. Evans

Sampled by H. Shields

TRaverse A ON ROAD (NCH SIDE)

GREATLAND PTY LTD

HOLE NO FAT 004  
Fire Tower West Air Track

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Silica	Alteration			Geological Log
							Sil.	Ser. CO3	W	
1	0	FW060023	HW	Yellow Brown	-	40-50%				DARK YELLOW-BROWN, ORANGE-BROWN, HIGHLY WEATHERED CLAY <del>AND</del> SOIL AND FERUGINOUS CLAY; CORES OF RELATIVELY FRESH FINE-GRANULATED & T. RICH YOLC SST.
2	1.3	3.1	HW	Orange Brown	-	50-60%				DARK ORANGE BROWN BUFF, HIGHLY WEATHERED FERUGINOUS CLAY POSSIBLY AFTER RHYZOLITE
3	3.1	4.9	HW	Brown Buff	-	40-50%				AS ABOVE
4	4.9	6.7	HW	"	-	-				AS ABOVE ? RHYZOLITE (WEATHERED)
5	6.7	8.5	HW	"	-	40%				AS ABOVE ? RHYZOLITE (WEATHERED)
6	8.5	10.3	HW	Yellow Brown/Buff	-	30-40%				STRONG TO MODERATELY WEATHERED, CLAY, FERUGINOUS, YELLOW BROWN TO BUFF BROWN RHYZOLITE
7	10.3	12.1	MW	Yellow Brown	-	30%				MEDIUM MODERATELY TO STRONGEST WEATHERED, DARK YELLOW BROWN
8	12.1	13.9	MW	Yellow Brown	-	20-30%				FERUGINOUS, CLAY ? RHYZOLITE
9	13.9	15.7	MW	Yellow Brown	-	10-20%				MODERATELY WEATHERED, DARK YELLOW BROWN, CLAY, FERUGINOUS ? RHYZOLITE
10	15.7	17.5	MW	"	-	10%				AS ABOVE, MEDIUM TO DARK YELLOW, YELLOW BROWN, CLAY ? RHYZOLITE
11	17.5	19.3	MW	CREAM Yellow	-	5%				FINE TO VERY FINE GRANULATED ? GYZ. PHTIC
12	19.3	21.1	MW	"	-	2%				AS ABOVE, TENDING TO FRESHER; FINE-GRANULATED ? PHTIC ? RHYZOLITE
										AS ABOVE, MEDIUM TO DARK YELLOW-CREAM FINE GRANULATED ? GYZ. - RICH RHYZOLITE

Azimuth / Declination NORTH - 60°

Total Depth 21.1m

Collar Co-Ords

Type of Drilling Air Track

Date Completed 18/10/06

Drilled by G & G Drilling

Logged by D. Evans

Sampled by H. Shields

TRaverse A TO SOUTH OF ROAD

HOLE NO FAT 005  
Fire Tower West Air Track

GREATLAND PTY LTD

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sandst	% Sil.	Alteration			Geological Log
From	To							Ser.	CO3	W	
0	1.3	FW060029	HW	Yellow Brown	-	5-10%	-	-	-	-	STRONGLY WEATHERED, MEDIUM TO DARK YELLOW - BROWN WEAKLY FERROUS CLAY WITH MINOR CHIPS OF STR. RICH WEATHERED ROCK ?? RHIZOLITE / RHIZOLITE VOLC. SILTSTONE
1.3	3.1		HW	"	-	5%	-	-	-	-	2. AS ABOVE WITH SOME FERRON CRIPS OF POSSIBLE VOLC. SILTSTONE; FEW CHIPS OF CRIST? SPLITTING - CRIST. MODERATELY TO STRONGLY WEATHERED MEDIUM TO DARK YELLOW BROWN, WEAKLY FERROUS GUNNY CLAY + WEATHERED POSSIBLE FINE-GRAINED VOLC. SILTSTONE
3.1	4.9	FW060030	HW	Yellow Brown	-	5%	-	-	-	-	3. CLAY + WEATHERED POSSIBLE FINE-GRAINED VOLC. SILTSTONE
4.9	6.7		HW	Red Brown	-	10%	-	-	-	-	MODERATELY TO STRONGLY WEATHERED MEDIUM TO DARK RED-BROWN, MOTTLED YELLOW - BROWN, FERROUS FINE-GRAINED VOLC. SILTSTONE
6.7	8.5	FW 060031	MW	Yellow Brown	-	5%	-	-	-	-	5. AS ABOVE WITH FEW CHIPS OF MEDIUM GRIST - GUNNY RELATIVELY FRESH, VOLC. SILTSTONE
8.5	10.3		MW	Red-Brown	-	10%	-	-	-	-	6. AS ABOVE, WITH ABUNDANT CRIPS OF RED-BROWN TO PINK-RED FINE-GRAINED, MARBLE VOLC. SILTSTONE
10.3	12.1	FW060032	MW	Brown	-	10%	-	-	-	-	7. AS ABOVE WITH INCREASINGLY ABUNDANT RED-BROWN TO RED-PINK, FINE-GRAINED VOLC. SILTSTONE
12.1	13.9		MW	Red to Blue Brown	-	10%	-	-	-	-	8. AS ABOVE, MOD. WEATHERED, METAMORPHIC RED-BROWN TO BUFF BROWN VERY FINE-GRAINED VOLC. SILTSTONE
13.9	15.7	FW060033	MW	Red to Yellow Brown	-	10%	-	-	-	-	MODERATELY WEATHERED MEDIUM TO DARK RED-BROWN, YELLOW BROWN, FERROUS, SILTSTONE
15.7	17.5		MW	Yellow Brown	-	5-10%	-	-	-	-	9. FINE-GRAINED VOLC. SILTSTONE - SSZ.
17.5	19.3	FW 060034	MW	Red	TR.	5-10%	-	-	-	-	MODERATELY WEATHERED MEDIUM TO DARK YELLOW - BROWN, WEAKLY FERROUS, SILTSTONE
19.3	21.1		MW	Brown Yellow	-	2-5%	-	-	-	-	10. FINE TO VERY FINE-GRAINED TO CRIST RICH VOLCANIC SILTSTONE - SSZ.
											11. RED, WEATHERED, MEDIUM TO DARK RED-BROWN, YELLOW - BROWN, FERROUS, SILTSTONE
											MODERATELY TO WEAKLY WEATHERED, MEDIUM TO DARK BROWN, YELLOW BROWN TO CRIST, VERY FINE-GRAINED VOLC. SILTSTONE - SSZ.
											12. WEAKLY FERROUS, SILTSTONE TO VERY FINE-GRAINED SILT.

Drilled by G & G Drilling Type of Drilling Air Track SOUTH -60°

Logged by D. Evans Total Depth 21.1M

Sampled by H. Shields Date Completed 18/10/06

Collar Co-Ords

TRAVELSE A TO SOUTH OF ROAD

**HOLE NO FAT 006**  
**Fire Tower West Air Track**

GREATLAND PTY LTD

Sample Seq	Metres From To	Sample Number	Weath Code	Colour	% Quartz	% Lim/Swath	Sii.	Alteration			Geological Log
								Ser.	CO3	W	
1	0	FW060035	HW	Brown	-					1	DARK BROWN TO RED BROWN SILTY GRAY WEATHERED, FERRUGINOUS CLAY SOIL WITH FEW WEATHERED ROCK CHIPS.
2	1.3		MW	RED/BROWN	-	5-10%				2	Moderately weathered, red brown to dark brown, hematitic, fine-grained massive volcanic silstone - SSZ.
3	3.1	FW060036	HW	Mottled Brown	-	5%				3	Strongly weathered, mottled brown yellow-brown, weakly ferruginous, very fine-grained, massive volcanic silstone - SSZ.
4	4.9		MW	Mottled Brown-Pink-Red	-	2.5%				4	As above, tending to mottled, with some relatively fresh grey-white matrix SSZ, rich silstone chips.
5	6.7	FW060037	MW	Brown Buff	-	2.5%				5	As above, mottled brown-buff to tan, large chips of very fine-grained v.ole, silstone
6	8.5		MW	Buff Brown	-	2%				6	As above, buff to light brown, very fine-grained v.ole. silstone.
7	10.3	FW060038	MW	Buff Brown	-	2%				7	moderately to weakly weathered, buff-brown to pink brown, hematitic, silicic SSZ - rich v.ole. silstone.
8	12.1		MW	h	-	2%				8	As above; minor streaks of black, fine-grained sulphides?
9	13.9	FW060039	MW	Red Brown	-	2%				9	As above, tending to mottled to dark red/pink brown, very fine-grained, massive volcanic silstone.
10	15.7		MW	Buff Brown	-	5%				10	Strongly weathered, tending to clayey, buff, orange-brown, ferruginous (hematitic) silicic SSZ - rich v.ole. silstone to very fine-grained sandstone.
11	17.5	FW060040	HW	Buff	-	2%				11	Buff to brown-tan, ferruginous clay, with few chips of weakly ferruginous silicic SSZ - rich v.ole. silstone.
12	19.3		MW	Buff Orange	-	2%				12	Buff to brown-orange, to red-brown, ferruginous clay, with weakly ferruginous silicic SSZ - rich volcanic silstone.
		FW060041		Duplicates of FW060040							
		FW060042	STD								<b>HOLE STOPPED SHORT OF FULL DEPTH DUE TO BINDING CLAYS; DRILLED ESTIMATED 0.5m SHORT OF FULL ROD IN FINAL RUN.</b>

Azimuth / Declination **South -60°**  
Total Depth **20.6m**  
Collar Co-Ords

Drilled by **G & G Drilling** Type of Drilling **Air Track**  
Logged by **D. Evans**  
Sampled by **H. Shields** Date Completed **18/10/06**

EN EXTREMELY WEATHERED MW RL  
 HW HIGHLY WEATHERED SW  
 TRACK A TO SOUTH OF MAIN GRAVELLED  
 TRACK (3rd SITE IN FROM ROAD)

**HOLE NO : FAT007**  
**Fire Tower West Air Track**

**GREATLAND PTY LTD**

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim/Sandstn	Alteration			Geological Log
From	To						Sil.	Ser. CO3	W	
0	1.3	FW 060043	HW	BROWN	-	30-40%				STRONGLY WEATHERED, DARK BROWN TO RED-BROWN, FERROUGINOUS CLAYEY SOIL AND SCALE OF WEATHERED, CLAYEY FERROUGINOUS SERICITE QZ FACI. VOLC. SILTSTONE
1.3	3.1		HW	BROWN YELLOW BROWN	-	20-30%	///			STRONGLY WEATHERED, MEDIUM TO DARK BROWN TONER - BROWN REDDISH - BROWN FERROUGINOUS, SERICITISED FINE TO VERY FINE GRAINED VOLC. SILTSTONE - SST.
3.1	4.9	FW 060044	HW	RED BROWN	-	10-15%	///			AS ABOVE, REDDISH-BROWN MOTTLED YELLOW-BROWN.
4.9	6.7		HW	BUFF BROWN	-	5-10%	///			STRONGLY WEATHERED, MEDIUM BUFF TO REDDISH-BROWN, CLAYEY WORKLY FERROUGINOUS, SERICITISED, VERY FINE-GRAINED VOLC. SILTSTONE; HIGH PROPORTION CLAY.
6.7	8.5	FW 060045	HW	"	-	"	///			AS ABOVE WITH HIGH PROPORTION OF CLAY + VERY FINE CHIPS
8.5	10.3		HW	"	-	"	///			AS ABOVE; LIGHT TO MEDIUM BUFF-BROWN, VERY CLAYEY.
10.3	12.1	FW 060046	MW	"	-	"	///			AS ABOVE, TENDING TO LIGHTER BUFF-BROWN WITH HIGH PROPORTION OF FINE CLAY.
12.1	13.9		MW	"	-	"	///			AS ABOVE; MEDIUM BUFF-BROWN, VERY FINE-GRAINED, CLAYEY VOLC. SILTSTONE
13.9	15.7	FW 060047	HW	"	-	"	///			AS ABOVE WITH INTERMEDIATE YELLOW-BROWN WEATHERED CLAYEY FERROUGINOUS VOLC. SILTSTONE/SILTAL
15.7	17.5		MW	BROWN BUFF BUFF BROWN	-	"	///			MEDIUM TO STRONGLY WEATHERED, MEDIUM TO DARK BROWN, BUFF-BROWN, FERROUGINOUS, SERICITISED FINE TO VERY FINE - GRAINED SILTSTONE - SST.
17.5	19.3	FW 060048	MW	"	-	2-5%	///			AS ABOVE, WITH FINE CHIPS OF WHITE-CREAM, ALTERED, SERICITISED VOLC. SILTSTONE
19.3	21.1		MW	YELLOW BROWN	-	2-5%	///			AS ABOVE, LIGHT YELLOW BROWN TO CREAM, WORKLY FERROUGINOUS, SERICITISED VOLC. SILTSTONE

Drilled by **G & G Drilling** Type of Drilling **Air Track** Azimuth / Declination **SOUTH -60°**  
 Logged by **D. Evans** Total Depth **21.1 m**  
 Sampled by **H. Shields** Date Completed **19/10/06** Collar Co-Ords

TRAVEL SE A TO SOUTH OF MAIN GRAVELLED TRACK (4TH. SIDE IN FROM ROAD)

HOLE NO : FAT008

Fire Tower West Air Track

GREATLAND PTY LTD

Metres		Sample Number	Weath Code	Colour	% Quartz	% Lim./Subst	Alteration			Geological Log
From	To						Sil.	Ser. CO3	W	
0	1.3	FW060049	HW	Brown yellowish	-					STRONGLY WEATHERED, HUMUS-RICH FERUGENOUS CLAY SOIL WITH BROWN YELLOW - BROWN, FERRUGINOUS, FINE TO VERY FINE GRANULO, QZ2 RICH VOLC. SST, CHIPS
1.3	3.1		HW	Yellow brown	5-10%					STRONGLY WEATHERED, YELLOW-BROWN TO BUFF FERUGENOUS CLAY WITH FEW FINE CHIPS OF WEATHERED, CLAYEY FERUGENOUS VERY FINE - GRANULO VOLC. SILICIOUS
3.1	4.9	FW060050	HW	Buff brown	2-5%					AS ABOVE, SOFT, WEAKLY FERUGENOUS CLAY ABUNDANT; BUFF TO LIGHT YELLOW - BROWN MOTTLED CLAY.
4.9	6.7		HW	Buff	2-5%					AS ABOVE, HIGH PROPORTION OF SOFT, COARSE MOTTLED, WEAKLY FERUGENOUS CLAY.
6.7	8.5	FW060051	HW	Buff pink brown	2-5%					AS ABOVE, MEDIUM BUFF TO PINK BROWN, HIGH PROPORTION OF SOFT, COARSE MOTTLED CLAY IN SAMPLE
8.5	10.3		MW	Buff brown	2-5%					AS ABOVE, MEDIUM BUFF TO BROWN CLAYEY, WEAKLY FERUGENOUS, SILICIOUS, QZ2 RICH, MATURE VOLC. SILICIOUS
10.3	12.1	FW060052	MW	Buff brown	2-5%					AS ABOVE, INCREASINGLY WEATHERED TO WEATHERED SILICIOUS VERY FINE - GRANULO VOLC. SST,
12.1	13.9		MW	Yellow brown	2%					AS ABOVE, TENDING FRESHEN, YELLOW-BROWN SILICIOUS - SST; VERY FINE - GRANULO, MOTTLED, VOLCANIC SOIL
13.9	15.7	FW060053	MW	Buff brown	2%					AS ABOVE; LIGHT TO MEDIUM BUFF BROWN-BUFF, WEAKLY FERUGENOUS VOLC. SILICIOUS; SOFT-VITRIFIED LITHOLOG
15.7	17.5		MW	"	1-2%					AS ABOVE - NO CHIPS OF LIMONITE NOTED HOWEVER; HIGH PROPORTION OF WEAKLY FERUGENOUS CLAY.
17.5	19.3	FW060054	MW	Buff pink brown	1-2%					AS ABOVE; FEW CHIPS OF BLACK LIMONITE/MIN OXIDES PARTIALLY REPLACING.
19.3	21.1		MW	Buff	1%					AS ABOVE, BUFF TO LIGHT BUFF, PINKISH - BROWN; HIGH CLAY PROPORTION SAMPLE;
										FINE TO VERY FINE - GRANULO, SILICIOUS, QZ2 RICH VOLC. SILICIOUS

South / -60°

Type of Drilling Air Track

Drilled by G & G Drilling

Declination

Total Depth 21.1m

Logged by D. Evans

Collar Co-Ords

Date Completed 19/10/06

Sampled by H. Shields

COMMENCED 12:40 HR

COMPLETED 13:35 HR

Geological Log

Metres From	To	Sample Number	Weath Code	Colour	% Quartz	% Lim	% Sil	Alteration		Geological Log
								Ser.	CO3	
0	1.3	FW060055	EW	LIGHT BROWN BUFF	-	-	-	-	-	EXTREMELY WEATHERED, LIGHT BROWN, SLAGGY - BROWN, FINE-GRAINED CLAY SOIL WITH HUMIC CLAY LUMPS AND VEGETABLE MATTER. DEEP WEATHERED
1.3	3.1		HW	PINK BUFF	-	20%	-	-	-	SLAGGILY WEATHERED, BUFF TO LIGHT PINK - BROWN MASSIVE FINE-GRAINED CLAY WITH CHIPS OF FINE TO VERY FINE-GRAINED, QZ-RICH, MATURE VOLC. SILTSTONES.
3.1	4.9	FW060056	HW	PINK BUFF	-	10-15%	-	-	-	AS ABOVE; HIGH PROPORTION OF CLAY IN SAMPLE; FEW CHIPS RECORDED
4.9	6.7		HW	PINK BUFF	-	5-10%	-	-	-	AS ABOVE; PINK-BUFF, MOTTLED BROWN CREAM, MASSIVE FINE-GRAINED CLAY; FEW ROCK CHIPS RECORDED
6.7	8.5	FW060057	HW	PINK BUFF	-	2-5%	-	-	-	AS ABOVE; PINK-BUFF, MOTTLED WHITE-GRAY, MASSIVE FINE-GRAINED CLAY; HIGH PROPORTION OF CLAYS IN SAMPLE
8.5	10.3		HW	PINK BUFF	-	2%	-	-	-	AS ABOVE; STRONGLY WEATHERED; FEW CHIPS OF CREAM, VERY FINE-GRAINED QZ-RICH SILTSTONES.
10.3	12.1	FW060058	HW	PINK BUFF	-	2%	-	-	-	AS ABOVE; VERY HIGH PROPORTION OF SOFT CLAYS; FEW CHIPS OF FINE QZ-RICH SILTSTONES
12.1	13.9		HW	PINK BUFF	-	2%	-	-	-	AS ABOVE; DIFFICULT DRILLING - RELATIVELY LOW SAMPLE VOLUME; FEW CHIPS OF FINE-GRAINED QZ-RICH SILTSTONES
13.9	15.7	FW060059	HW	PINK BUFF	-	2%	-	-	-	AS ABOVE; VERY STRONGLY WEATHERED CLAY ALTOGETHER, MOTTLED PINK-BUFF VERY FINE-GRAINED SILTSTONES
15.7	17.5									
17.5	19.3	FW060060								
19.3	21.1									
										HOLE STOPPED AT 15.7m BINDING STICKY CLAYS
										ROADS BINDING, VERY SLOW DRILLING AND NO OBVIOUS CHANGE IN DEGREE OF WEATHERING

Azimuth / Declination South / -60°

Total Depth 15.7 m

Collar Co-Ords

Drilled by G & G Drilling Type of Drilling Air Track

Logged by D. Evans

Date Completed 19/10/06

COMMENCED 14:25 HRL

COMPLETED 15:10 HRL