

APPENDIX I

Previous Exploration Petrology Data

METADATA

Appendix I

Title Holder: Greatland Pty Ltd
Tenement: EL26/2004, EL31/2004
Activity: Compilation of previous Company petrographic reporting
FileName: EL262004_200610_01_appendix.txt
Data Date: Nov. 2005- Nov. 2006
Data Location: This File
Datum: AGD66, AHD
Projection: UTM Zone 55
Data Source: MRT open file reports
Definition of Codes:

APPENDIX 1
PAST COMPANY PETROLOGY SAMPLING

Title Holder:	Greatland Pty Ltd							
Tenement:	EL26/2004, EL31/2004							
Activity:	Compilation of previous Company petrographic reporting							
FileName:	EL262004_200610_01_appendix.txt							
Data Date:	Nov. 2005- Nov. 2006							
Data Location:	this file							
Datum:	AGD66, AHD							
Projection:	UTM Zone 55							
Data Source:	MRT open file reports							
SampleID	AMG East	AMG North	Datum Zone	Type	RockType	Alteration	Description	Source
E225088	447387	5405082	AGD66-55	rockchip	felsic crystal lithic tuff	silica sericite	felsic crystal lithic tuff dominated by quartz crystal fragments, which has been extensively silicified and sericitized so that lithic fragments cannot be discerned from altered groundmass in thin section.	Noranda TCR89-3009
E225089	447387	5405066	AGD66-55	rockchip	rhyolite	CO3 sericite	quartz+felspar+biotite+FeTi oxide-phyric rhyolite which has had its felspar phenocrysts sericitized and carbonated, then largely replaced in turn by a Fe oxide- hydroxide.	Noranda TCR89-3009
E225091	447423	5404886	AGD66-55	rockchip	crystal lithic tuff		crystal lithic tuff dominated by angular quartz crystal fragments and subordinate lithic fragments of vitric crystal tuff or devitrified glassy rhyolite.	Noranda TCR89-3009
E225092	448778	5405369	AGD66-55	rockchip	Tuffaceous siltstone		Tuffaceous siltstone with both components of a metasedimentary and felsic volcanic source	Noranda TCR89-3009
E225093	445852	5405762	AGD66-55	rockchip	rhyolite		quartz+felspar-phyric rhyolitic lava or shallow intrusive virtually identical to sample 225098.	Noranda TCR89-3009
E225094	448081	5405354	AGD66-55	rockchip	crystal lithic tuff		crystal lithic tuff dominated by quartz and felspar phenocryst fragments and abundant felsic glassy lava and tuff fragments.	Noranda TCR89-3009
E225095	446178	5405033	AGD66-55	rockchip	silty formerly vitric tuff		silty formerly vitric tuff which was probably sorted and winnowed by currents and deposition through a column of water.	Noranda TCR89-3009
E225096	446310	5405000	AGD66-55	rockchip	volcanogenic sandstone		volcanogenic sandstone derived from a proximal felsic volcanic source, and is dominated by detrital quartz and felspar, with subordinate chloritized felsic glassy lava fragments.	Noranda TCR89-3009
E225090	447414	5404924	AGD66-55	rockchip	crystal lithic tuff		crystal lithic tuff dominated by angular quartz crystal fragments and subordinate lithic fragments of vitric crystal tuff or devitrified glassy rhyolite.	Noranda TCR89-3009
E225099	446711	5405450	AGD66-55	rockchip	crystal vitric tuff		crystal vitric tuff dominated by quartz crystal fragments and lithic fragments of devitrified felsic vitric tuffs or lava.	Noranda TCR89-3009
E225100	445908	5405060	AGD66-55	rockchip	lithic crystal tuff		weathered lithic crystal tuff dominated by rounded quartz and albite crystal fragments and lithic fragments of devitrified felsic vitric tuffs or lava.	Noranda TCR89-3009
E225150	448317	5405131	AGD66-55	rockchip				Noranda TCR89-3009
E225151	445922	5405001	AGD66-55	rockchip	vitric crystal tuff	intense	highly altered vitric crystal tuff of rhyolitic composition which has been carbonated and veined by calcite, with subsequent local alteration of the calcite to hematite; the latter mineral occurs in veins with quartz.	Noranda TCR89-3009
E225152	445884	5404864	AGD66-55	rockchip	rhyolite	sericite	sericitized and recrystallized quartz+felspar+biotite-phyric rhyolitic lava with unusually coarse-grained recrystallized quartz in the groundmass, which imposes a 'detrital epiclastic' appearance to the rock in thin section.	Noranda TCR89-3009
E225153	448295	5405248	AGD66-55	rockchip	crystal vitric tuff		Highly sericitized quartz plag crystal vitric tuff	Noranda TCR89-3009
E225154	448312	5405164	AGD66-55	rockchip	rhyolite as for 160	fresh	very well-preserved quartz+plagioclase+biotite-phyric rhyolitic lava with a devitrified glassy groundmass which has started to recrystallize to quartz and albite, +/- sericite and chlorite	Noranda TCR89-3009
E225155	448328	5405088	AGD66-55	rockchip	rhyolitic vitric crystal tuff (161)		well-preserved rhyolitic vitric crystal tuff dominated by quartz phenocryst fragments, with subordinate felspar and chloritized biotite phenocrysts.	Noranda TCR89-3009
E225156	448341	5405001	AGD66-55	rockchip	rhyolite/rhyodacite	fresh	well-preserved plagioclase+quartz+FeTi oxide +biotite-phyric rhyolite or rhyodacite lava with perlitic cracks in the very fine-grained devitrified glassy groundmass.	Noranda TCR89-3009
E225157	448355	5404943	AGD66-55	rockchip	epiclastic sandstone		very distinctive epiclastic sandstone, almost matrix-free, composed of detrital lithic fragments of devitrified vitric tuffs, quartz crystal fragments and abundant FeTi oxide grains which occur as layers probably representing heavy mineral awash bands.	Noranda TCR89-3009
E225158	448690	5405281	AGD66-55	rockchip	siltstone		weakly-bedded epiclastic siltstone composed of detrital volcanic quartz fragments and chloritized glass shards in a very fine-grained matrix.	Noranda TCR89-3009
E225159	448686	5405336	AGD66-55	rockchip	rhyolitic vitric crystal tuff		rhyolitic vitric crystal tuff dominated by crystal fragments of quartz and minor sericitized plagioclase. The former glassy groundmass has been somewhat granulated and recrystallized as relatively coarse-grained quartz-albite-sericite domains.	Noranda TCR89-3009
E225160	448696	5405232	AGD66-55	rockchip	rhyolite as for 154	fresh	well-preserved plagioclase+quartz+FeTi oxide +biotite-phyric rhyolite virtually identical in every respect to sample 225154	Noranda TCR89-3009
E225161	448708	5405192	AGD66-55	rockchip	vitric crystal tuff (see155)		weathered vitric crystal tuff dominated by quartz crystal fragments; it is identical to sample E 225155, and may come from the same unit as that sample.	Noranda TCR89-3009
E225162	448719	5405107	AGD66-55	rockchip	vitric crystal lithic tuff		quartz crystal fragment-rich vitric crystal lithic tuff with abundant sericitized pumice fragments.	Noranda TCR89-3009
E225163	446061	5406077	AGD66-55	rockchip	rhyolite (164)	fresh	well-preserved quartz+plagioclase+FeTi oxide (+biotite-phyric rhyolitic lava with a devitrified vitrophyric groundmass.	Noranda TCR89-3009
E225164	446398	5405822	AGD66-55	rockchip	rhyolite (163)		This is a quartz+plagioclase+FeTi oxide +biotite-phyric rhyolitic lava identical to-E225163.	Noranda TCR89-3009
E225165	446678	5405832	AGD66-55	rockchip	rhyolite (163)	sericite	This is a quartz+plagioclase+FeTi oxide +biotite-phyric rhyolitic lava identical to the two preceding lavas in every respect except that this sample is notably more sericitized.	Noranda TCR89-3009
E225167	448728	5405780	AGD66-55	rockchip	rhyolite (166)		well-preserved quartz+plagioclase +FeTi oxide +biotite-phyric rhyolite lava which has suffered strong hematite limonite alteration of the groundmass, but is otherwise very similar to sample 225166.	Noranda TCR89-3009

APPENDIX 1
PAST COMPANY PETROLOGY SAMPLING

SampleID	AMG_East	AMG_North	Datum_Zone	Type	RockType	Alteration	Description	Source
E225168	445876	5406077	AGD66-55	rockchip	rhyolite(-)		quartz-phyric rhyolitic lava with a thoroughly recrystallized, very slightly foliated formerly glassy groundmass. It lacks the plagioclase phenocrysts present in the previous 4 rhyolitic lavas, and almost certainly is from a different unit.	Noranda TCR89-3009
E225169	445913	5406139	AGD66-55	rockchip	rhyodacite		plagioclase+quartz-phyric rhyodacitic lava with extensively sericitized, weathered clayey plagioclase phenocrysts.	Noranda TCR89-3009
E225169	445654	5405770	AGD66-55	rockchip	rhyodacite		plagioclase+quartz-phyric rhyodacitic lava with extensively sericitized, weathered clayey plagioclase phenocrysts.	Noranda TCR89-3009
E225170	445205	5405447	AGD66-55	rockchip	rhyolite		plagioclase+quartz+FeTi oxide biotite-phyric rhyolite with an extremely fine grained devitrified groundmass.	Noranda TCR89-3009
E225171	445228	5405351	AGD66-55	rockchip	deformed and silicified rock		a deformed and silicified rock composed almost exclusively of recrystallized quartz and minor sericite. Its original lithology (protolith) remains uncertain.	Noranda TCR89-3009
E225172	445249	5405047	AGD66-55	rockchip	rhyolitic crystal tuff		sericitized quartz+plagioclase+biotite+FeTi oxide-phyric rhyolitic crystal tuff with a relatively large biotite component relative to the other samples described oxide-phyric rhyolitic crystal tuff with a relatively large above.	Noranda TCR89-3009
E225097	446434	5404960	AGD66-55	rockchip	rhyolite		fractured and veined quartz+feldsparphyric rhyolitic lava with a recrystallized formerly glassy groundmass.	Noranda TCR89-3009
E255166	447100	5405800	AGD66-55	rockchip	rhyolite		quartz-plag-phyric rhyolitic lava, rounded Qtz phenocrysts	Noranda TCR89-3009
E225098	446558	5405805	AGD66-55	rockchip	rhyolite		quartz-feldspar-biotite-phyric rhyolite	Noranda TCR89-3009
105665	449460	5405920	AGD66-55	Rockchip	quartz gabbro/diorite		relatively coarse-grained plutonic quartz gabbro or mafic diorite intrusive with a low greenschist facies metamorphic assemblage.	Outokumpu TCR91-33277
105668	457179	5404718	AGD66-55	Rockchip	sandstone		solution-brecciated fine sandstone derived entirely from Precambrian quartz-muscovite metapelites.	Outokumpu TCR91-33277
105671	452689	5406253	AGD66-55	Rockchip	dacitic lava		plagioclase+augite+quartz-phyric glassy, dacitic lava identical in most respects to samples 114008 and 114009, and almost certainly derived from the same unit.	Outokumpu TCR91-33277
105673	449594	5406130	AGD66-55	Rockchip	diorite		intrusive plagioclase-phyric diorite	Outokumpu TCR91-33277
105677	449170	5406140	AGD66-55	Rockchip	conglomerate	tourmaline-quartz	conglomerate derived largely from pelitic Precambrian metamorphics (quartzites); it suffered strong tourmaline-quartz alteration during granulation and recrystallization of the matrix; whether this unusual alteration is associated with the adjacent Cam skarn-like rock composed of bands of green amphibole, chlorite, magnetite and hematite, quartz and Kspar; it was produced by strong hydrothermal alteration of a very deformed volcanogenic sandstone in a fault or shear zone, and may be related to a gran	Outokumpu TCR91-33277
105680	459153	5402879	AGD66-55	Rockchip	skarnified sheared sandstone			Outokumpu TCR91-33277
105683	460198	5405124	AGD66-55	Rockchip	diorite		relatively coarse-grained slowly-cooled dioritic intrusive similar to 105665.	Outokumpu TCR91-33277
105690	448690	5406559	AGD66-55	Rockchip	dacitic lava	qtz-seri-tourmalin	originally a plagioclase-phyric dacitic lava that has suffered intense recrystallization with development of dominant quartz-sericite-tourmaline alteration assemblages. This may be related to a Devonian granite alteration system.	Outokumpu TCR91-33277
105694	449951	5405551	AGD66-55	Rockchip	plutonic mafic diorite		plutonic mafic diorite with augite replaced by actinolite; it is definitely derived from the same intrusion as 114665	Outokumpu TCR91-33277
114003	450022	5405885	AGD66-55	Rockchip	shallow intrusive andesite/dacite		plagioclase-phyric shallow-intrusive acid andesite or possibly dacite, unlikely to be related to the more mafic and clearly intrusive 105665 from nearby.	
114004	448813	5406818	AGD66-55	Rockchip	vol'clastic sandstone		fairly coarse, dominantly volcanoclastic sandstone derived largely from felsic and intermediate volcanics, but including a clear Precambrian-derived component in the form of quartz-mica schists.	Outokumpu TCR91-33277
114005	450192	5406482	AGD66-55	Rockchip	dacite lava		feldspar+quartz+augite-phyric dacitic to rhyodacitic lava	Outokumpu TCR91-33277
114006	448290	5406144	AGD66-55	Rockchip	intrusive dacite		plagioclase+augite+quartz porphyritic intrusive dacite	Outokumpu TCR91-33277
114007	450906	5406155	AGD66-55	Rockchip	dacite lava		plagioclase+quartz+augite+hornblende dacitic lava very similar to 114008 and 9.	
114008	450906	5406155	AGD66-55	Rockchip	dacite lava		plagioclase+augite+quartz-phyric dacitic lava, identical to 114009 except that this sample has a more silica-chlorite-altered formerly glassy groundmass.	Outokumpu TCR91-33277
114009	448461	5406220	AGD66-55	Rockchip	dacite lava		plagioclase+augite+quartz+FeTi oxide-phyric, originally glassy dacitic lava.	Outokumpu TCR91-33277
114010	451837	5405626	AGD66-55	Rockchip	dacite lava		plagioclase-sparsely augite+quartz-phyric dacitic lava with a totally glassy groundmass that has devitrified a quartz-albite mosaic intergrowth. It is essentially identical to 114008 and 114009.	Outokumpu TCR91-33277
114011	448833	5406794	AGD66-55	Rockchip	vol'genic sandstone		greenschist facies graded volcanogenic sandstone derived entirely from andesitic-felsic volcanic rocks, with a large crystal component, but few lithic clasts.	Outokumpu TCR91-33277
114012	456870	5404761	AGD66-55	Rockchip	vol'genic sandstone		fine-grained immature volcanogenic sandstone composed dominantly of felsic ash that has devitrified to quartz albite-chlorite	Outokumpu TCR91-33277
114013	454488	5405728	AGD66-55	Rockchip	vol'genic sandstone		volcanogenic sandstone derived entirely from a glassy, quartz and feldspar-phyric felsic volcanics and pyroclastic.	Outokumpu TCR91-33277
114014	454500	5405720	AGD66-55	Rockchip	vol'genic sandstone		juvenile coarse, poorly-sorted sandstone composed of crystal and lithic detritus derived from felsic volcanics set in a silty formerly glassy ash matrix that has devitrified and recrystallized as quartz and albite.	Outokumpu TCR91-33277
114015	454223	5405815	AGD66-55	Rockchip	vol'genic siltstone		juvenile tuffaceous siltstone originally composed of vitric shards and broken crystal fragments of quartz and albite, but with a minor component of detrital muscovite and zircon from pelitic metamorphics.	Outokumpu TCR91-33277
114016	459029	5405012	AGD66-55	Rockchip	vol'genic sandstone		volcanogenic sandstone dominated by detrital volcanic albite and quartz with a silty ash matrix in which shard shapes are perfectly preserved.	Outokumpu TCR91-33277
114017	459133	5402875	AGD66-55	Rockchip	tholeiitic metabasalt		distinctive Sparsely plagioclase-phyric tholeiitic metabasalt identical to typical Motton Spilitite, It has a low greenschist facies metamorphic assemblage.	Outokumpu TCR91-33277
114018	458910	5403290	AGD66-55	Rockchip	vol'genic sandstone		poorly sorted volcanogenic sandstone with abundant detritus derived from the mafic-ultramafic complexes (ophiolites) of W Tasmania, as well as abundant andesitic and more felsic rock fragments typically Mount Read Volcanics in nature.	Outokumpu TCR91-33277
A6471	450832	5406333	AGD66-55	Rockchip	porphyritic rhyolite		Intrusive, pheno's of Qtz-plag to 5mm (sericite alt to feldspar), weakly chloritised, f.g. weakly foliated matrix. Could be rhyodacite	AMAX TCR83-2306

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PAST COMPANY PETROLOGY SAMPLING

SampleID	AMG_East	AMG_North	Datum_Zone	Type	RockType	Alteration	Description	Source
A6472	450840	5405780	AGD66-55	Rockchip	argillized porphyritic felsite	argillic	Feldspars argillized by low temp. hydrothermal alteration. Intrusive. Fe stained	AMAX TCR83-2306
A6473	451842	5405869	AGD66-55	Rockchip	porphyritic rhyolite		Feldspars completely sericitized; k-spar matrix. Intrusive (Trachytic?). Fe stained.	AMAX TCR83-2306
A6476	455750	5405000	AGD66-55	Rockchip	lithic crystal tuff	loc estimate	Poorly sorted, weakly bedded with fragments up to 15mm of intermediate-basic diverse source. Chloritic-carbonate alteration.	AMAX TCR83-2306
A6481	454110	5405305	AGD66-55	Rockchip	sheared, altered greywacke(?)	altered	altered, well sorted, well beedded, sheared ovoid chert and siltstone clasts.	AMAX TCR83-2306
A6482A	453906	5405287	AGD66-55	Rockchip	meta-rhyolite	schistose	Strongly schistose. Feldspars altered after shearing (but groundmass earlier?). Fractured qtz pheno's.	AMAX TCR83-2306
A6482B	454001	5405287	AGD66-55	Rockchip	altered porphyry		Massive, m.g. intrusive, large zircons, ultra-fine hematitic groundmass, scattered argillized feldspars	AMAX TCR83-2306
A6484	449560	5406010	AGD66-55	Rockchip	tonalite		Random pheno's to 5mm, partly argillised andesine, part uralitized augite, may be a hybrid rock(c.g. Gabbro& f.g. granite?). Prominent primary magnetite.	AMAX TCR83-2306
A6490A	453822	5405262	AGD66-55	Rockchip	crystal tuff sandstone		close packed, well sorted possibly re-worked tuff.	AMAX TCR83-2306
A6491A	449500	5406000	AGD66-55	Rockchip	altered porphyritic andesite?	loc estimate	pheno's andesine, augite, chloritized o'pyroxene or olivine. Believed to be hybrid rock extrusive, some flow orientation, some qtz pheno's.	AMAX TCR83-2306
972115	442480	5407240	AGD66-55	Rockchip	porphritic trachy-andesite		fine grained oligoclase, augite pheno's in kspar matrix, accessory magnetite.	CRA TCR83-1936
972128	442670	5407260	AGD66-55	Rockchip	porphritic trachy-andesite		fine grained oligoclase, augite pheno's in kspar matrix, accessory magnetite.	CRA TCR83-1936
972294	451600	5407850	AGD66-55	Rockchip	porphritic trachy-andesite		fine grained oligoclase, augite pheno's in kspar matrix, accessory magnetite.	CRA TCR83-1936
1000E	442790	5410360	AGD66-55	Rockchip	porphritic trachy-andesite		fine grained oligoclase, augite pheno's in kspar matrix, accessory magnetite.	CRA TCR83-1936

APPENDIX II

Structural Data from Geological Mapping

METADATA

Appendix II

Title Holder: Greatland Pty Ltd
Tenement: EL26/2004, EL31/2004
Activity: Structural orientation of vein sets in outcrop - Firetower Prospect
FileName: EL262004_200610_02_appendix.txt
Data Date: Nov. 2005- Nov. 2006
Data Location: This File
Datum: AGD66, AHD
Projection: UTM Zone 55
Data Source: Gordon McLean

Definition of Codes:	CodeNo.	Code	Description
	1	V	vein
	2	cksV	crack seal veins
	3	FeV	Ferruginous vein
	3	slickV	slick vein
	4	FeSh	Ferruginous shear
	4	shear	discrete shear
	5	shjt	shear joint
	6	jt	joint
	7	shjt/c	shear joint/ fracture cleavage
	7	frc	fracture cleavage
	3	FeVsh	Ferruginous shear vein
	3	slickV	slickensided vein
	8	slick	slicken line
	3	shV	shear with veining
	5	slickjt	slickensided joint
Definition of Codes:	P	plane	
	L	lineation	

STRUCTURAL DATA FROM GEOLOGICAL MAPPING

Title Holder:	Greatland Pty Ltd										
Tenement:	EL26/2004, EL31/2004										
Activity:	Structural orientation of vein sets in outcrop - Firetower Prospect										
FileName:	EL262004_200610_02_appendix.txt										
Data Date:	Nov. 2005- Nov. 2006										
Data Location:	This file- locations within 10m of co-ordinate										
Datum:	AGD66, AHD										
Projection:	UTM Zone 55										
Data Source:	Gordon McLean										
Definition of Codes:	CodeNo.	Code	Description								
	1	V	vein								
	2	cksV	crack seal veins								
	3	FeV	Ferruginous vein								
	3	slickV	slick vein								
	4	FeSh	Ferruginous shear								
	4	shear	discrete shear								
	5	shjt	shear joint								
	6	jt	joint								
	7	shjt/c	shear joint/ fracture cleavage								
	7	frc	fracture cleavage								
	3	FeVsh	Ferruginous shear vein								
	3	slickV	slickensided vein								
	8	slick	slicken line								
	3	shV	shear with veining								
	5	slickjt	slickensided joint								
Definition of Codes:	P	plane									
	L	lineation									
LocalityID	Count	AMG East	AMG North	Date	TYPE	DIPDIR	DIP	CODE	CodeNo.	Assocn	Description
1	11	446030	5405050	2006/03/10	P	30	15	cksV	2		
2	66	446000	5405225	2006/03/11	P	26	24	cksV	2		
2	72	446000	5405225	2006/03/11	P	50	20	cksV	2		
2	73	446000	5405225	2006/03/11	P	4	60	cksV	2		
2	76	446000	5405225	2006/03/11	P	210	30	cksV	2		
3	93	445986	5405150	2006/03/11	P	280	44	cksV	2		
3	95	445986	5405150	2006/03/11	P	210	50	cksV	2		Fe
3	96	445986	5405150	2006/03/11	P	260	30	cksV	2		
3	99	445986	5405150	2006/03/11	P	310	28	cksV	2		Fe
1a	13	446030	5405050	2006/03/10	P	46	50	cksV	2		turn corner to W face (towards STN41)
1a	14	446030	5405050	2006/03/10	P	46	50	cksV	2		
1a	16	446030	5405050	2006/03/10	P	26	30	cksV	2		
1a	24	446030	5405050	2006/03/10	P	42	36	cksV	2		
1a	29	446030	5405050	2006/03/10	P	330	30	cksV	2		
1a	34	446030	5405050	2006/03/10	P	44	70	cksV	2		
1a	38	446030	5405050	2006/03/10	P	290	20	cksV	2		
3a	107	445975	5405135	2006/03/11	P	160	40	cksV	2		Fe
3a	108	445975	5405135	2006/03/11	P	240	70	cksV	2		Fe
3a	109	445975	5405135	2006/03/11	P	140	74	cksV	2		
3a	110	445975	5405135	2006/03/11	P	170	20	cksV	2		
3a	115	445975	5405135	2006/03/11	P	230	30	cksV	2		barren?
3a	117	445975	5405135	2006/03/11	P	160	20	cksV	2		
6a	216	445920	5405150	2006/03/25	P	30	34	cksV	2		
6a	218	445920	5405150	2006/03/25	P	52	46	cksV	5		
3a	111	445975	5405135	2006/03/11	P	110	70	FeSh	4		planar shear with abundant Fe
3a	113	445975	5405135	2006/03/11	P	130	76	FeSh	4		planar shear (nil Fe) @ GP-VS-1 taq
4	130	445960	5405150	2006/03/12	P	24	64	FeV	3		Fe
4	132	445960	5405150	2006/03/12	P	350	30	FeV	3		shear related Fe vein
4	133	445960	5405150	2006/03/12	P	190	60	FeV	3		
4	136	445960	5405150	2006/03/12	P	200	50	FeV	3		
5	147	445970	5405138	2006/03/12	P	18	80	FeV	3		Main O/C "top Neck" w facing
5	151	445970	5405138	2006/03/12	P	180	15	FeV	3		
5	153	445970	5405138	2006/03/12	P	110	80	FeV	3		
5	154	445970	5405138	2006/03/12	P	110	76	FeV	3		
5	156	445970	5405138	2006/03/12	P	280	60	FeV	3		
5	164	445970	5405138	2006/03/12	P	130	20	FeV	3		poor shear vein
5	167	445970	5405138	2006/03/12	P	230	90	FeV	3		
6	172	445950	5405150	2006/03/25	P	210	50	FeV	3		
6	178	445950	5405150	2006/03/25	P	150	30	FeV	3		
6	183	445950	5405150	2006/03/25	P	226	26	FeV	3		
6	190	445950	5405150	2006/03/25	P	30	5	FeV	3		
6	192	445950	5405150	2006/03/25	P	200	84	FeV	3		
3a	112	445975	5405135	2006/03/11	P	110	70	FeV	3		parallel to above, much Fe
3a	114	445975	5405135	2006/03/11	P	110	76	FeV	3		
3a	116	445975	5405135	2006/03/11	P	100	80	FeV	3		
3a	118	445975	5405135	2006/03/11	P	90	90	FeV	3		
3a	120	445975	5405135	2006/03/11	P	100	76	FeV	3		
6a	195	445920	5405150	2006/03/25	P	210	50	FeV	3		
6a	201	445920	5405150	2006/03/25	P	150	30	FeV	3		
6a	206	445920	5405150	2006/03/25	P	226	26	FeV	3		
6a	213	445920	5405150	2006/03/25	P	30	5	FeV	3		
6a	215	445920	5405150	2006/03/25	P	200	84	FeV	3		
4	142	445960	5405150	2006/03/12	P	300	70	FeVsh	3		Fe bearing minor shear (2ndary enrichment?)
2	59	446000	5405225	2006/03/11	P	222	80	frc	7		south face elongate 110M - penetrative fracture c
2	61	446000	5405225	2006/03/11	P	220	80	frc	7		
2	69	446000	5405225	2006/03/11	P	24	80	frc	7		

STRUCTURAL DATA FROM GEOLOGICAL MAPPING

LocalityID	Count	AMG East	AMG North	Date	TYPE	DIPDIR	DIP	CODE	CodeNo.	Assocn	Description
2	74	446000	5405225	2006/03/11	P	220	74	frc	7		
2	79	446000	5405225	2006/03/11	P	220	84	frc	7		
1	3	446030	5405050	2006/03/10	P	310	90	jt	6		
1	5	446030	5405050	2006/03/10	P	100	70	jt	6		
1	7	446030	5405050	2006/03/10	P	144	60	jt	6	2	
1	8	446030	5405050	2006/03/10	P	14	80	jt	6		
1	9	446030	5405050	2006/03/10	P	190	70	jt	6		
1	10	446030	5405050	2006/03/10	P	146	60	jt	6	2	
1	12	446030	5405050	2006/03/10	P	284	80	jt	6		
2	60	446000	5405225	2006/03/11	P	100	84	jt	6		
2	62	446000	5405225	2006/03/11	P	140	70	jt	6		
2	64	446000	5405225	2006/03/11	P	140	70	jt	6		
2	67	446000	5405225	2006/03/11	P	150	60	jt	6		
2	78	446000	5405225	2006/03/11	P	230	80	jt	6		
3	83	445986	5405150	2006/03/11	P	42	88	jt	6		
3	85	445986	5405150	2006/03/11	P	20	80	jt	6		Fe?
3	86	445986	5405150	2006/03/11	P	270	15	jt	6		dom high density pencil cleavage
3	87	445986	5405150	2006/03/11	P	20	90	jt	6		
3	88	445986	5405150	2006/03/11	P	140	50	jt	6		
3	89	445986	5405150	2006/03/11	P	210	54	jt	6		
3	97	445986	5405150	2006/03/11	P	210	70	jt	6		
3	98	445986	5405150	2006/03/11	P	150	15	jt	6		
3	100	445986	5405150	2006/03/11	P	315	70	jt	6		
3	101	445986	5405150	2006/03/11	P	180	30	jt	6		
4	125	445960	5405150	2006/03/12	P	284	86	jt	6		Main O/C N face down from co-ords - X face jt tr
4	127	445960	5405150	2006/03/12	P	250	60	jt	6		cross face jt splay
4	129	445960	5405150	2006/03/12	P	120	40	jt	6		
4	135	445960	5405150	2006/03/12	P	20	88	jt	6		dom jt
4	138	445960	5405150	2006/03/12	P	310	60	jt	6		O/C defining dom jt
4	140	445960	5405150	2006/03/12	P	310	70	jt	6		O/C defining dom jt
4	144	445960	5405150	2006/03/12	P	220	30	jt	6		
5	159	445970	5405138	2006/03/12	P	340	76	jt	6		O/C defining dom jt - - down on north flank
5	162	445970	5405138	2006/03/12	P	340	80	jt	6		O/C defining dom jt
5	168	445970	5405138	2006/03/12	P	240	60	jt	6		dom shear jt
5	169	445970	5405138	2006/03/12	P	180	70	jt	6		
6	170	445950	5405150	2006/03/25	P	270	82	jt	6		
6	171	445950	5405150	2006/03/25	P	350	70	jt	6		
6	173	445950	5405150	2006/03/25	P	364	60	jt	6		
6	177	445950	5405150	2006/03/25	P	300	80	jt	6		
6	184	445950	5405150	2006/03/25	P	270	70	jt	6		
1a	15	446030	5405050	2006/03/10	P	60	10	jt	6		
1a	19	446030	5405050	2006/03/10	P	110	15	jt	6		
1a	20	446030	5405050	2006/03/10	P	30	88	jt	6		
1a	21	446030	5405050	2006/03/10	P	70	80	jt	6		
1a	28	446030	5405050	2006/03/10	P	250	30	jt	6		
1a	30	446030	5405050	2006/03/10	P	90	64	jt	6		
1a	33	446030	5405050	2006/03/10	P	190	80	jt	6		
1a	35	446030	5405050	2006/03/10	P	60	80	jt	6		
1a	36	446030	5405050	2006/03/10	P	50	80	jt	6		
1b	43	446030	5405050	2006/03/11	P	242	80	jt	6		
1b	45	446030	5405050	2006/03/11	P	290	10	jt	6		
1b	48	446030	5405050	2006/03/11	P	250	60	jt	6		
1b	51	446030	5405050	2006/03/11	P	70	80	jt	6		
1b	53	446030	5405050	2006/03/11	P	70	80	jt	6		
1b	54	446030	5405050	2006/03/11	P	20	10	jt	6		
1b	58	446030	5405050	2006/03/11	P	300	84	jt	6		
3a	102	445975	5405135	2006/03/11	P	180	70	jt	6		10-15m SW of STN24-dom O/C trend joint
3a	104	445975	5405135	2006/03/11	P	96	60	jt	6		
3a	106	445975	5405135	2006/03/11	P	214	50	jt	6		dom O/C trend joint
3a	121	445975	5405135	2006/03/11	P	210	40	jt	6		
3a	124	445975	5405135	2006/03/11	P	200	66	jt	6		
6a	193	445920	5405150	2006/03/25	P	270	82	jt	6		jt conjugate 1
6a	194	445920	5405150	2006/03/25	P	350	70	jt	6		jt conjugate 2
6a	196	445920	5405150	2006/03/25	P	364	60	jt	6		jt conjugate 2
6a	200	445920	5405150	2006/03/25	P	300	80	jt	6		jt conjugate 1
6a	207	445920	5405150	2006/03/25	P	270	70	jt	6		jt conjugate 1
6a	219	445920	5405150	2006/03/25	P	215	50	jt	6		
3	92	445986	5405150	2006/03/11	P	70	40	jtV	1		
4	128	445960	5405150	2006/03/12	P	350	60	shear	4		planar shear Fe-q veins within
4	131	445960	5405150	2006/03/12	P	264	84	shear	4		
4	137	445960	5405150	2006/03/12	P	270	60	shear	4		30cm anastomose shear (Fe)
4	141	445960	5405150	2006/03/12	P	230	56	shear	4		Fe bearing minor shear
4	143	445960	5405150	2006/03/12	P	230	50	shear	4		
4	145	445960	5405150	2006/03/12	P	230	40	shear	4		
4	146	445960	5405150	2006/03/12	P	110	50	shear	4		
5	149	445970	5405138	2006/03/12	P	110	70	shear	4		main face defining fault
5	150	445970	5405138	2006/03/12	P	250	88	shear	4		splay off main shear fault above
5	152	445970	5405138	2006/03/12	P	120	88	shear	4		splay off main shear fault
5	155	445970	5405138	2006/03/12	P	240	90	shear	4		splay off main shear fault
5	161	445970	5405138	2006/03/12	P	154	50	shear	4		
6	174	445950	5405150	2006/03/25	P	355	66	shear	4		
6	175	445950	5405150	2006/03/25	P	366	56	shear	4		
6	176	445950	5405150	2006/03/25	P	266	70	shear	4		
6	181	445950	5405150	2006/03/25	P	236	54	shear	4		

STRUCTURAL DATA FROM GEOLOGICAL MAPPING

LocalityID	Count	AMG East	AMG North	Date	TYPE	DIPDIR	DIP	CODE	CodeNo.	Assocn	Description
6	182	445950	5405150	2006/03/25	P	280	80	shear		4	
6	186	445950	5405150	2006/03/25	P	260	82	shear		4	
6	187	445950	5405150	2006/03/25	P	320	84	shear		4	
6	188	445950	5405150	2006/03/25	P	20	60	shear		4	
6	191	445950	5405150	2006/03/25	P	330	74	shear		4	
1a	22	446030	5405050	2006/03/10	P	150	90	shear		4	platey shear zone 6cm wide (Fe)
1a	25	446030	5405050	2006/03/10	P	8	50	shear		4	tight planar shear
1a	27	446030	5405050	2006/03/10	P	350	50	shear		4	3cm planar shear
3a	119	445975	5405135	2006/03/11	P	90	60	shear		4	minor Fe
3a	122	445975	5405135	2006/03/11	P	130	80	shear		4	planar shear
6a	197	445920	5405150	2006/03/25	P	355	66	shear		4	it conjugate 2
6a	198	445920	5405150	2006/03/25	P	366	56	shear		4	
6a	199	445920	5405150	2006/03/25	P	266	70	shear		4	it conjugate 1
6a	204	445920	5405150	2006/03/25	P	236	54	shear		4	
6a	205	445920	5405150	2006/03/25	P	280	80	shear		4	it conjugate 1
6a	209	445920	5405150	2006/03/25	P	260	82	shear		4	
6a	210	445920	5405150	2006/03/25	P	320	84	shear		4	
6a	211	445920	5405150	2006/03/25	P	20	60	shear		4	
6a	214	445920	5405150	2006/03/25	P	330	74	shear		4	
6a	221	445920	5405150	2006/03/25	P	96	86	shear		4	
1	1	446030	5405050	2006/03/10	P	10	20	shjt		5	vaque late flat shear joint surface
5	148	445970	5405138	2006/03/12	P	260	70	shjt		5	
5	160	445970	5405138	2006/03/12	P	110	40	shjt		5	
5	163	445970	5405138	2006/03/12	P	230	70	shjt		5	
5	165	445970	5405138	2006/03/12	P	220	80	shjt		5	
6	179	445950	5405150	2006/03/25	P	270	44	shjt		5	
6	185	445950	5405150	2006/03/25	P	256	70	shjt		5	
6	189	445950	5405150	2006/03/25	P	70	90	shjt		5	
1a	32	446030	5405050	2006/03/10	P	80	60	shjt		5	
1b	44	446030	5405050	2006/03/11	P	34	50	shjt		5	
1b	56	446030	5405050	2006/03/11	P	70	70	shjt		5	
3a	103	445975	5405135	2006/03/11	P	230	60	shjt		5	minor shear
6a	202	445920	5405150	2006/03/25	P	270	44	shjt		5	
6a	208	445920	5405150	2006/03/25	P	256	70	shjt		5	
6a	212	445920	5405150	2006/03/25	P	70	90	shjt		5	
6a	220	445920	5405150	2006/03/25	P	190	74	shjt		5	
1	2	446030	5405050	2006/03/10	P	186	88	shjt/c		7	fracture cleavage or shear jt
1	4	446030	5405050	2006/03/10	P	214	80	shjt/c		7	1
1	6	446030	5405050	2006/03/10	P	212	88	shjt/c		7	1
1a	23	446030	5405050	2006/03/10	P	42	84	shjt/c		7	
1a	31	446030	5405050	2006/03/10	P	56	84	shjt/c		7	
1b	40	446030	5405050	2006/03/11	P	40	66	shjt/c		7	
1b	57	446030	5405050	2006/03/11	P	66	70	shjt/c		7	
5	166	445970	5405138	2006/03/12	P	260	70	shV		3	discrete shear with abundant FeV scattered along
2	71	446000	5405225	2006/03/11	L	204	30	slick	slick		q fibre lineation
1a	17	446030	5405050	2006/03/10	P	10	76	slickjt		5	
1a	18	446030	5405050	2006/03/10	L	302	26	slickjt		5	
2	70	446000	5405225	2006/03/11	P	204	30	slickV		3	
2	75	446000	5405225	2006/03/11	P	50	30	slickV		3	
2	77	446000	5405225	2006/03/11	L	210	30	slickV		3	q fibre lineation
2	63	446000	5405225	2006/03/11	P	300	30	V		1	
2	65	446000	5405225	2006/03/11	P	210	30	V		1	Fe
2	68	446000	5405225	2006/03/11	P	24	80	V		1	
3	80	445986	5405150	2006/03/11	P	200	30	V		1	Main outcrop - north flank
3	81	445986	5405150	2006/03/11	P	240	40	V		1	
3	82	445986	5405150	2006/03/11	P	210	30	V		1	
3	84	445986	5405150	2006/03/11	P	240	40	V		1	barren?
3	90	445986	5405150	2006/03/11	P	4	50	V		1	Fe
3	91	445986	5405150	2006/03/11	P	130	40	V		1	
3	94	445986	5405150	2006/03/11	P	100	80	V		1	Fe
4	126	445960	5405150	2006/03/12	P	10	80	V		1	
4	134	445960	5405150	2006/03/12	P	240	46	V		1	barren
4	139	445960	5405150	2006/03/12	P	90	84	V		1	
5	157	445970	5405138	2006/03/12	P	160	70	V		1	
5	158	445970	5405138	2006/03/12	P	270	90	V		1	
6	180	445950	5405150	2006/03/25	P	230	40	V		1	
1a	26	446030	5405050	2006/03/10	P	240	10	V		1	
1a	37	446030	5405050	2006/03/10	P	50	80	V		1	
1b	39	446030	5405050	2006/03/11	P	70	26	V		1	south flank of O/C barren
1b	41	446030	5405050	2006/03/11	P	18	30	V		1	barren?
1b	42	446030	5405050	2006/03/11	P	56	36	V		1	barren?
1b	46	446030	5405050	2006/03/11	P	310	30	V		1	
1b	47	446030	5405050	2006/03/11	P	10	20	V		1	top to S thrust (Fe)
1b	49	446030	5405050	2006/03/11	P	330	30	V		1	barren?
1b	50	446030	5405050	2006/03/11	P	30	46	V		1	
1b	52	446030	5405050	2006/03/11	P	340	22	V		1	barren?
1b	55	446030	5405050	2006/03/11	P	330	40	V		1	barren?
3a	105	445975	5405135	2006/03/11	P	50	76	V		1	Fe
3a	123	445975	5405135	2006/03/11	P	100	90	V		1	planar Fe
6a	203	445920	5405150	2006/03/25	P	230	40	V		1	
6a	217	445920	5405150	2006/03/25	P	186	80			4	bedding

APPENDIX III

Rock Chip Sample Data

METADATA

Appendix III

Title Holder: Greatland Pty Ltd
Tenement: EL26/2004, EL31/2004
Activity: Rock chip geochemical sampling
FileName: EL262004_200610_03_appendix.txt
Data Date: Nov. 2005- Nov. 2006
Data Location: This File
Datum: AGD66, AHD
Projection: UTM Zone 55
Analytical Source: Genalysis Laboratory Services (Perth)

Definition of Codes: STD= reference standard

ROCK CHIP SAMPLE DATA

Title Holder:		Greatland Pty Ltd																												
Tenement:		EL26/2004, EL31/2004																												
Activity:		Rock chip geochemical sampling																												
FileName:		EL262004_200610_03_appendix.txt																												
Data Date:		Nov. 2005- Nov. 2006																												
Data Location:		this file																												
Datum:		AGD66, AHD																												
Projection:		UTM Zone 55																												
Analytical Source:		Genalysis Laboratory Services (Perth)																												
Definition of Codes:		STD= reference standard																												
SampleID	SampleGro	SampleType	AMGE	AMGN	Datum	Company	Prospect	Date	Description	Laborator	JobCode	MethodAu	Method2	Method3	Method3 Ele	Au ppb	Au Rpt	Ag ppm	As ppm	Cu ppm	Pb ppm	Zn ppm	Ba ppm	Bi ppm	Co ppm	Mo ppm	Sb ppm	W ppm		
FT060212-1	Rockchip	grab	445700	5404968	AGD66-55	Greatland	FT	2006/02/12	Gr. fresh, Tol., poor sorted chloritic vughy (ex.CO3) p/blastic/volclastic sst	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	10				16	54	10	212					-1	-2	
FT060212-2	Rockchip	grab	445700	5404975	AGD66-55	Greatland	FT	2006/02/12	hm hydro-fracture zst within dominant sub-round lithic sst & flattened pumice box	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	40			250	163	29	201						-1	2	
FT060212-3	Rockchip	grab	445700	5405113	AGD66-55	Greatland	FT	2006/02/12	Dk. Gr. fresh (lim. Veins), 0.5-1mm glassy qtz phyruc micro-rhyodacite	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	180			22	7	6	193						-1	-2	
FT060212-4	Rockchip	grab	445890	5405120	AGD66-55	Greatland	FT	2006/02/12	en echelon sheeted veins in kspar destructive altered volcanics surrounded by siliceous, fg, kspar-qtz mottle-banded altered zst. Rare visible py. Selective	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	2310	2.47			21	176	25	86						1	11
FT060213-1	Rockchip	grab	445885	5405025	AGD66-55	Greatland	FT	2006/02/13	high grade.	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	40			25	104	20	28						3	-2	
FT060213-2	Rockchip	grab	445870	5405065	AGD66-55	Greatland	FT	2006/02/13	hm selvedge veined altered, zst. (O/C or boulder?)	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	60			345	72	36	121						-1	-2	
FT060213-3	Rockchip	channel	445852	5404980	AGD66-55	Greatland	FT	2006/02/13	Turbid cream fg sst, weak veinlets (nil selvedge)	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	10			4	45	23	177						-1	-2	
FT060213-4	Rockchip	channel	445902	5404992	AGD66-55	Greatland	FT	2006/02/13	"juicy" hm selvedge vein mod. Silicic altered zst.	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	-1			12	136	17	202						-1	-2	
FT060214-1	Rockchip	grab	443215	5406360	AGD66-55	Greatland	FT West	2006/02/14	hm beer-bottle veined Fe sst.	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	-1			28	1326	270	594						-1	-3	
FT060215-1	Rockchip	grab	443088	5406495	AGD66-55	Greatland	FT West	2006/02/15	SAMPLE FT060215-1 20m ranging grab hm (beerbottle) veined pink sst	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	10			121	99	843	388						-1	-2	
FT060215-2	Rockchip	grab	443001	5406437	AGD66-55	Greatland	FT West	2006/02/15	clay weathering sst	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	20			189	360	688	1218						1	3	
FT060215-3	Rockchip	grab	442650	5406466	AGD66-55	Greatland	FT West	2006/02/15	boulder float (beerbottle) hm veined strongly veined fg sst (same locality as below)	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	-1			27	506	8	50						-1	-2	
FT060215-4	Rockchip	grab	442650	5406466	AGD66-55	Greatland	FT West	2006/02/15	large boulder floatochre red, (beerbottle) hm veined (nil selvedge) strongly veined fg sst	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	30			13	568	10	120						-1	-2	
FT060216-1	Rockchip	grab	445180	5405510	AGD66-55	Greatland	FT	2006/02/16	scree of g veined MnO stain lithic sst	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	20			4	13	4	58					-1	-2		
FT060216-2	Rockchip	grab	445150	5405510	AGD66-55	Greatland	FT	2006/02/16	weakly MnO vughy br-gr hematitic sst	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	10			2	9	5	58						-1	-2	
1170.0/0601394	Rockchip	FT060212-1	445700	5404968	AGD66-55	Greatland	FT	2006/02/16	CHECK	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	100			16	62	21	209						-1	-2	
1170.0/0601394	Rockchip	STANDARD	0	0	AGD66-55	Greatland	FT	2006/02/16	CHECK	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	10			91	91	51	96						7	-2	
1170.0/0601394	Rockchip	Control Blank	0	0	AGD66-55	Greatland	FT	2006/02/16	CHECK	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	-1			-2	-1	-2	-2						-1	-2	
1170.0/0601394	Rockchip	Control Blank	0	0	AGD66-55	Greatland	FT	2006/02/16	CHECK	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	-1			-2	-1	-2	-2						-1	-2	
FT060509-01	Rockchip	grab	448700	5405500	AGD66-55	Greatland		2006/05/09	FLOAT, MOD SILIC. ZST	Genalysis	1170.0/0606133	B/EETA(0.0001)	B/AAS(1)	B/AAS(10)	As	3			-10	9	91	82						-1		
FT060509-02	Rockchip	grab	448892	5405280	AGD66-55	Greatland		2006/05/09	Vol genic pebble breccia, nil alt.	Genalysis	1170.0/0606133	B/EETA(0.0001)	B/AAS(1)	B/AAS(10)	As	1.2			-10	-1	6	15						3		
FT060509-03	Rockchip	grab	448820	5405350	AGD66-55	Greatland		2006/05/09	Hard vitric xtal co. Tuif, rare lim.	Genalysis	1170.0/0606133	B/EETA(0.0001)	B/AAS(1)	B/AAS(10)	As	0.2			-10	17	345	50						-1		
FT060509-04	Rockchip	grab	449900	5405720	AGD66-55	Greatland	Gregorys Rd	2006/05/09	3-5% dissem py in diorite float	Genalysis	1170.0/0606133	B/EETA(0.0001)	B/AAS(1)	B/AAS(10)	As	0.7			-10	209	16	31						37		
FT060512-01	Rockchip	grab	443800	5406010	AGD66-55	Greatland	Fire Tower West	2006/03/12	Well sorted, mg, qtz sst with p/blastic carbonate spotts	Genalysis	1170.0/0606133	B/EETA(0.0001)	B/AAS(1)	B/AAS(10)	As	4			24	7	5	12						3		
20060813-01	Rockchip	grab	444378	5406220	AGD66-55	Greatland	Fire Tower West	2006/08/13	Cream-green, mg siliceous sst, local hm dusting, rare Fe vughy carbonate	Genalysis	1170.0/0608009	FAS0/AAS	A/OES(1-5)	A/OES(10)	Sb W	-10			2	8	64	32	102				-1	-10	-10	
20060813-02	Rockchip	grab	444285	5406115	AGD66-55	Greatland	Fire Tower West	2006/08/13	Uniform siliceous mg Qtzose sst, rare 'gossan' fragments	Genalysis	1170.0/0608009	FAS0/AAS	A/OES(1-5)	A/OES(10)	Sb W	40			1	18	2	8	29				5	-10	23	
20060813-03	Rockchip	grab	443940	5406360	AGD66-55	Greatland	Fire Tower West	2006/08/13	Siliceous mg Qtzose sst, carbonate spotty vughs, rare metallic Hm veins.	Genalysis	1170.0/0608009	FAS0/AAS	A/OES(1-5)	A/OES(10)	Sb W	30			1	46	163	35	42				5	-10	-10	
20060826-01	Rockchip	grab	445655	5405300	AGD66-55	Greatland	Fire Tower	2006/08/26	Pink ankerite altered, monomict matrix supported, zst granule sst breccia - MnO-FeO gash-veinlets at lowest O/C	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	0.4			0.04	2.1	21	2	24			0.11	1.8	0.22	0.06	
20060826-02	Rockchip	grab	445700	5405335	AGD66-55	Greatland	Fire Tower	2006/08/26	Hematite dusted, monomict matrix supported, zst granule sst breccia - MnO coated rare selvedges. Boring.	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	0.6			0.03	0.6	37	3	45			0.06	0.9	0.2	0.07	
20060826-03	Rockchip	grab	445650	5405335	AGD66-55	Greatland	Fire Tower	2006/08/26	Pinkish ankerite altered, monomict matrix supported, crude layered zst granule sst & granule bx (minor MnO).	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	0.7			0.04	3.6	6	5	68			0.68	11	0.25	0.12	
20060826-04	Rockchip	grab	445770	5405400	AGD66-55	Greatland	Fire Tower	2006/08/26	2cm wide, horizontal, qtz-CO3-beerbottle lim. Crack seal vein in green chloritic sst & granule bx (minor MnO).	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	0.5			0.02	1.5	7	5	37			0.08	3.5	0.2	0.08	
20060826-05	Rockchip	grab	445877	5405395	AGD66-55	Greatland	Fire Tower	2006/08/26	Slightly limonitic sst? With bunches beerbottle lim. Vein stockwork. S1=148/78SW	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	0.7			0.05	3.3	5	9	116			0.14	5.1	0.31	0.1	
20060902-01	Rockchip	grab	443754	5406418	AGD66-55	Greatland	Fire Tower West	2006/09/02	Locally sub-gossanous, pink hm dusted specularite veined siliceous mg, sst	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	2.6			0.1	10.4	250	212	17			0.98	1.3	0.35	0.49	
20060902-02	Rockchip	grab	443794	5406418	AGD66-55	Greatland	Fire Tower West	2006/09/02	Carbonate gossanous, crack seal veined, beer bottle limonitic siliceous mg, sst with hm dusting	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	1.9			0.04	10.9	78	5	14			0.43	2.6	0.07	0.13	
20060902-03	Rockchip	grab	443282	5406700	AGD66-55	Greatland	Fire Tower West	2006/09/02	Locally beer bottle limonitic siliceous mg, sst near cq. Rhyolitic sst outcrop.	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	7.9			0.88	159.3	277	457	746			2.78	34.5	0.97	0.55	
20060914-01	Rockchip	grab	445954	5405312	AGD66-55	Greatland	Fire Tower	2006/09/14	Chloritic, siliceous hm dusted lithic fragmental volcanogenic sandstone, boring.	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	0.5			0.09	1.7	6	5	30			0.07	1.9	0.15	0.07	
20060914-02	STD	42P				Greatland	Fire Tower West	2006/09/02	42P	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	82.7			0.23	97.8	353	120	558			0.34	50	6.93	11.23	
20060914-03	STD	42P				Greatland	Fire Tower West	2006/09/02	42P	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	84.1			78	0.2	93.7	351	117	547			0.32	48.2	6.73	11.92
20060914-04	STD	5Pb				Greatland	Fire Tower West	2006/09/02	5Pb	Genalysis	1170.0/0608980	B/EETA(0.0001)	B/MS(1-0.1)	B/AAS(10)	Cu Zn	97.4			89	0.13	37.6	18	13	41			0.44	2.3	7.65	0.15

APPENDIX IV

Soil Sample Data

METADATA

Appendix IV

Title Holder: Greatland Pty Ltd
Tenement: EL26/2004, EL31/2004
Activity: BC horizon soil sampling - hand auger at Firetower West Prospect
FileName: EL262004_200610_04_appendix.txt
Data Date: Nov. 2005- Nov. 2006
Data Location: This File
Datum: AGD66, AHD
Projection: UTM Zone 55
Analytical Source: Genalysis Laboratory Services (Perth)
Definition of Codes: Au=ppb
other elements=ppm
zst=siltstone

SOIL SAMPLING DATA

SampleID	SampleType	AMG East	AMG North	Depth(mm)	Rock-type	Au_ppb	Au-Rp1	Au-Rp2	Ag	As	Co	Cu	Pb	Zn	Bi	Sb	W
FTS0605001	whole soil	443400	5406500	300	fg sst	0.2				-10	5	7	160	33			
FTS0605002	whole soil	443400	5406525	400	rhyolite	0.3				19	8	31	514	111			
FTS0605003	whole soil	443400	5406550	400	rhyolite	0.7				13	8	12	341	112			
FTS0605004	whole soil	443400	5406575	600	rhyolite	0.4				17	7	14	314	69			
FTS0605005	whole soil	443400	5406600	1000	rhyolite	0.5				18	8	21	494	142			
FTS0605006	whole soil	443400	5406625	1000?		0.6				20	9	14	267	91			
FTS0605007	whole soil	443400	5406650	800	rhyolite	1				19	11	17	187	86			
FTS0605008	whole soil	443400	5406675	800	hm veined silicic sst	1.5				29	9	31	272	102			
FTS0605009	whole soil	443400	5406700	800	MnO sst	0.7				28	12	31	398	123			
FTS0605010	whole soil	443400	5406725	800	silicic vol'genic sst or rhy?	1				21	7	27	182	65			
FTS0605011	whole soil	443400	5406745	300	vol'genic sst	0.3				13	2	4	47	21			
FTS0605012	whole soil	443400	5406750	300	rhyolite?	0.3				18	2	6	59	17			
FTS0605013	whole soil	443400	5406775	400	vol'genic sst	0.6				42	11	35	646	155			
FTS0605014	whole soil	443400	5406800	400	vol'genic sst	0.1				26	7	13	234	61			
FTS0605015	whole soil	443400	5406825	400	fg sst	0.5				47	10	25	282	97			
FTS0605016	whole soil	443400	5406850	500	vol'genic sst/zst	0.2				167	3	38	222	28			
FTS0605017	whole soil	443400	5406875	600	fg siliceous vol'genic sst	0.6				24	8	9	227	89			
FTS0605018	whole soil	443400	5406900	800	mg mature sst	0.5				109	11	55	438	132			
FTS0605019	whole soil	443400	5406925	300	vol'genic sst	0.4				22	7	9	16	36			
FTS0605020	whole soil	443400	5406950	400	vol'genic cq sst	0.4				33	6	22	36	43			
FTS0605021	whole soil	443400	5406975	400	vol'genic cq sst or rhy?	0.6				16	3	19	24	46			
FTS0605022	whole soil	443400	5407000	400	vol'genic sst	0.6				15	-1	7	5	26			
FTS0605023	whole soil	443400	5407025	400	rhyolite	0.2				4	2	4	1	12			
FTS0605024	whole soil	443400	5407050	400	rhyolite	0.2				-10	4	6	5	21			
FTS0605025	whole soil	443400	5407075	300	nil	0.4				41	13	31	126	129			
FTS0605026	whole soil	443400	5407100	300	zst?	0.3				50	5	12	49	28			
FTS0605027	whole soil	443400	5407125	300	zst	1.2				-10	-1	15	8	27			
FTS0605028	whole soil	443400	5407150	300	mg sst/zst	3.4				17	4	49	45	66			
FTS0605029	whole soil	443400	5407175	400	siliceous mg mature sst	3.2				-10	2	19	21	33			
FTS0605030	whole soil	443400	5407200	300	mg sst/zst	0.9				-10	3	13	3	17			
FTS0605031	whole soil	443400	5407225	300	siliceous mg mature sst	0.6				-10	4	18	7	25			
FTS0605032	whole soil	443400	5407250	300	D/C mg mature sst	1.9				-10	-1	5	3	10			
FTS0605033	whole soil	443400	5407275	400	fg sst	0.6				-10	3	7	13	25			
FTS0605034	whole soil	443400	5407300	400	rhyolite??/vol'genic?	0.6				-10	3	10	11	18			
FTS0605035	whole soil	443400	5407325	600	fg sst	1.4				-10	1	145	4	16			
FTS0605036	whole soil	443400	5407350	700	fg sst	1.7				-10	5	66	6	17			
FTS0605037	whole soil	443600	5406600	900	nil	0.8				34	11	20	135	43			
FTS0605038	whole soil	443600	5406625	1000	zst	0.8				35	10	16	130	44			
FTS0605039	whole soil	443600	5406650	1000	zst	0.4				34	12	20	172	62			
FTS0605040	whole soil	443600	5406675	1000	rhyolite	0.3				26	10	19	109	77			
FTS0605041	whole soil	443600	5406700	1000	rhyolite	0.3				18	10	19	141	75			
FTS0605042	whole soil	443600	5406725	1000	rhyolite	0.4				25	12	16	130	159			
FTS0605043	whole soil	443600	5406750	800	mg qtz sst	0.2				44	7	12	222	88			
FTS0605044	whole soil	443600	5406775	1000	siliceous cq vol'genic sst	1				26	10	23	336	108			
FTS0605045	whole soil	443600	5406800	900	zst & rhyolite	1				15	6	14	156	91			
FTS0605046	whole soil	443600	5406825	1000	zst/ vol'genics?	0.3				14	17	15	206	38			
FTS0605047	whole soil	443600	5406850	700	ktal tuff	0.6				13	27	12	73	31			
FTS0605048	whole soil	443600	5406875	800	mg sst	0.3				-10	5	5	17	14			
FTS0605049	whole soil	443600	5406900	700	vcg mature sst->zst	-0.1				-10	8	6	16	12			
FTS0605050	whole soil	443600	5406925	700	vcg mature sst->zst	0.3				-10	3	2	10	11			
FTS0605051	whole soil	443600	5406950	800?		0.3				-10	1	3	26	15			
FTS0605052	whole soil	443600	5406975	700	vol'genic sst	0.4				-10	9	3	16	31			
FTS0605053	whole soil	443600	5407000	700	ANDESITE	0.4				-10	8	3	17	21			
FTS0605054	whole soil	443450	5407000	400	immature sst	1.4				18	7	22	81	105			
FTS0605055	whole soil	443450	5406975	400?		0.6				29	5	21	80	86			
FTS0605056	whole soil	443450	5406950	600	vcg volgenic sst	0.6				-10	5	10	26	27			
FTS0605057	whole soil	443450	5406925	1000	vcg volgenic sst	0.4				-10	8	8	14	25			
FTS0605058	whole soil	443450	5406900	800	fg volgenic sst	0.6				-10	4	7	12	22			
FTS0605059	whole soil	443450	5406875	800	vcg volgenic sst	0.2				-10	6	8	50	33			
FTS0605060	whole soil	443450	5406850	800	ktal tuff	0.8				10	7	14	52	70			
FTS0605061	whole soil	443450	5406825	1100	zst/sst	1				19	8	22	102	92			
FTS0605062	whole soil	443450	5406800	400	zst/sst	1				18	12	18	137	67			
FTS0605063	whole soil	443450	5406775	650	zst/sst	0.5				31	14	10	334	67			
FTS0605064	whole soil	443450	5406750	600	zst/sst	0.9				29	10	38	214	83			
FTS0605065	whole soil	443600	5406750	600		0.4				40	9	14	165	32			
FTS0605066	whole soil	443600	5406725	500		0.7				40	16	24	177	44			
FTS0605067	whole soil	443600	5406700	600		0.3				49	21	25	230	49			
FTS0605068	whole soil	443600	5406675	500		0.2				51	6	13	142	32			
FTS0605069	whole soil	443600	5406650	400		-0.1				69	8	19	162	52			
FTS0605070	whole soil	443600	5406625	500		0.3				44	1	15	134	39			
FTS0605071	whole soil	443600	5406600	300		0.2				66	3	11	99	14			
FTS0605072	whole soil	443600	5406575	600		0.6				49	2	31	73	27			
FTS0605073	whole soil	443600	5406550	400		0.1				30	3	15	119	23			
FTS0605074	whole soil	443600	5406525	700		-0.1				29	4	15	58	21			
FTS0605075	whole soil	443600	5406500	700		0.7				-10	-1	5	23	7			
FTS0605076	whole soil	443600	5406475	500		0.5				16	4	11	48	16			
FTS0605077	whole soil	443600	5406450	900		0.2				13	3	4	54	16			
FTS0605078	whole soil	443600	5406425	600		0.5				13	3	2	52	13			
FTS0605079	whole soil	443600	5406400	500		0.7				13	11	6	82	19			
FTS0605080	whole soil	443600	5406375	700		0.2				16	11	8	123	23			
FTS0605081	whole soil	443600	5406350	600		0.5				15	2	6	38	14			
FTS0605082	whole soil	443600	5406325	700		0.3				-10	5	5	14	26			
FTS0605083	whole soil	443600	5406300	600		0.6				-10	15	10	10	45			
FTS0605084	whole soil	443600	5406275	600		0.2				-10	5	11	12	39			
FTS0605085	whole soil	443600	5406250	700		0.3				10	4	11	38	33			
FTS0605086	whole soil	443600	5406225	1100		0.9				21	8	20	91	62			
FTS0605087	whole soil	443600	5406200	900		1.1				39	2	29	53	47			
FTS0605088	whole soil	443600	5406175	700		1.9				58	1	29	47	55			
FTS0605089	whole soil	443600	5405975	800		1.2				24	8	20	33	43			
FTS0605090	whole soil	443600	5405950	500		3.9				-10	7	29	13	25			
FTS0605091	whole soil	443600	5405925	500		0.7				-10	3	10	4	18			
FTS0605092	whole soil	443600	5405900	300		3.6				-10	4	17	6	12			
FTS0605093	whole soil	443600	5405875	500		1.4				-10							

SOIL SAMPLING DATA

SampleID	SampleType	AMG East	AMG North	Depth(mm)	Rock-type	Au_ppb	Au-Rp1	Au-Rp2	Ag	As	Co	Cu	Pb	Zn	Bi	Sb	W
FTS0605106	whole soil	443800	5406100	800		2.6					13	8	25	9	47		
FTS0605107	whole soil	443800	5406125	700		5.6					12	10	43	51	24		
FTS0605108	whole soil	443800	5406150	800		10.1					24	15	90	247	36		
FTS0605109	whole soil	443800	5406175	600		7.7					-10	5	27	22	16		
FTS0605110	whole soil	443800	5406200	800		1.2					-10	4	34	24	23		
FTS0605111	whole soil	443800	5406225	300		1.4					-10	4	17	8	14		
FTS0605112	whole soil	443800	5406250	500		2.9					-10	23	41	14	23		
FTS0605113	whole soil	443800	5406275	500		1.4					-10	5	22	10	14		
FTS0605114	whole soil	443800	5406300	600		4.1					-10	5	33	9	21		
FTS0605115	whole soil	443800	5406325	300		1					-10	4	16	10	16		
FTS0605116	whole soil	443800	5406350	500		11.8					-10	3	24	11	15		
FTS0605117	whole soil	443800	5406375	500		30	30				-10	5	83	30	32		
FTS0605118	whole soil	443800	5406400	400		4.7					-10	-1	21	4	10		
FTS0605119	whole soil	443800	5406425	500		1.4					-10	4	16	33	15		
FTS0605120	whole soil	443800	5406450	600		1.6					38	3	21	39	15		
FTS0605121	whole soil	443800	5406475	500		100.8	17	19			26	-1	53	69	27		
FTS0605122	whole soil	443800	5406500	600		3.5					22	7	84	101	47		
FTS0605123	whole soil	443800	5406525	400		7.1					21	2	79	86	38		
FTS0605124	whole soil	443800	5406550	400		0.9					22	1	149	133	44		
FTS0605125	whole soil	443800	5406575	900		7.8					24	5	124	203	29		
FTS0605126	whole soil	443800	5406600	200		3.7					19	2	100	120	40		
FTS0605127	whole soil	443800	5406625	600		4.9					21	-1	95	72	32		
FTS0605128	whole soil	443800	5406650	500		4.1					24	4	66	55	36		
FTS0605129	whole soil	443800	5406675	900		7.2					52	-1	107	57	60		
FTS0605130	whole soil	443800	5406700	800		3.4					50	-1	78	34	40		
FTS0605131	whole soil	443800	5406725	800		0.7					18	-1	17	15	14		
FTS0605132	whole soil	443800	5406750	1100		2.5					18	1	9	10	10		
FTS0605133	whole soil	443800	5406775	900		0.8					12	-1	9	7	8		
FTS0605134	whole soil	443800	5406800	700		4.2					57	-1	62	72	38		
FTS0605135	whole soil	443800	5406825	600		2.5					47	-1	20	53	20		
FTS0605136	whole soil	443800	5406850	700		5					44	-1	40	61	44		
FTS0605137	whole soil	443800	5406875	700		28.6	47	32			60	-1	73	81	46		
FTS0605138	whole soil	443800	5406900	600		1.7					24	-1	20	51	21		
FTS0605139	whole soil	443800	5406925	600		3.6					53	1	43	88	43		
FTS0605140	whole soil	443800	5406950	500		1.9					19	-1	24	74	71		
FTS0605141	whole soil	443800	5406975	400		0.3					-10	1	11	38	46		
FTS0605142	whole soil	443800	5407000	400		0.5					-10	2	10	78	41		
FTS0605143	NA																
FTS0605144	whole soil	444000	5407000	400	rhodacite porphyry	0.4					-10	8	-1	75	64		
FTS0605145	whole soil	444000	5406975	250		0.1					-10	7	3	130	108		
FTS0605146	whole soil	444000	5406950	600	rhodacite porphyry	0.4					-10	5	3	42	65		
FTS0605147	whole soil	444000	5406925	600	rhodacite porphyry	0.2					-10	2	4	31	43		
FTS0605148	whole soil	444000	5406900	800		0.2					-10	4	1	137	57		
FTS0605149	whole soil	444000	5406875	500	rhodacite porphyry	0.7					-10	2	-1	34	80		
FTS0605150	whole soil	444000	5406850	500		0.4					-10	2	-1	24	60		
FTS0605151	whole soil	444000	5406825	600		0.1					-10	-1	3	22	55		
FTS0605152	whole soil	444000	5406800	500	rhodacite porphyry	0.3					-10	-1	2	26	65		
FTS0605153	whole soil	444000	5406775	500		-0.1					-10	2	2	43	49		
FTS0605154	whole soil	444000	5406750	400		0.6					-10	10	14	85	162		
FTS0605155	whole soil	444000	5406725	600		-0.1					-10	3	9	67	72		
FTS0605156	whole soil	444000	5406700	700		0.4					-10	-1	6	52	39		
FTS0605157	whole soil	444000	5406675	700		2.1					-10	-1	26	40	71		
FTS0605158	whole soil	444000	5406650	700		3.8					28	4	29	41	36		
FTS0605159	whole soil	444000	5406625	700		1.8					32	-1	25	27	27		
FTS0605160	whole soil	444000	5406600	600		8.8					51	-1	30	33	20		
FTS0605161	whole soil	444000	5406575	500		2.4					29	3	50	51	25		
FTS0605162	whole soil	444000	5406550	600		5.5					14	-1	40	39	21		
FTS0605163	whole soil	444000	5406525	700		9.7					21	1	130	85	42		
FTS0605164	whole soil	444000	5406500	900		53.4	74	49			27	4	245	84	52		
FTS0605165	whole soil	444000	5406475	300		9.2					15	-1	65	166	39		
FTS0605166	whole soil	444000	5406450	600		2.1					-10	16	37	20	35		
FTS0605167	whole soil	444000	5406425	700		1.4					-10	28	29	13	54		
FTS0605168	whole soil	444000	5406400	600		1.2					13	13	19	10	33		
FTS0605169	whole soil	444000	5406375	400		1.3					-10	7	12	8	28		
FTS0605170	whole soil	444000	5406350	300	pumice-lithic sst	1.8					-10	6	15	8	35		
FTS0605171	whole soil	444000	5406325	300	pumice-lithic sst	1.8					-10	19	21	13	24		
FTS0605172	whole soil	444000	5406300	1000	siliceous zst	1.1					-10	33	20	11	36		
FTS0605173	whole soil	444000	5406275	500	vol'genic sst	3.8					-10	14	85	8	32		
FTS0605174	whole soil	444000	5406250	200	vol'genic sst	0.7					-10	3	4	3	13		
FTS0605175	whole soil	444000	5406225	300	fg. Sst/zst	2.4					-10	2	12	2	14		
FTS0605176	whole soil	444000	5406200	400		0.2					-10	2	9	3	15		
FTS0605177	whole soil	444000	5406175	400	fg. chloritic sst	1.1					-10	7	6	3	14		
FTS0605178	whole soil	444000	5406150	300	fg. chloritic sst	1.1					-10	2	6	2	9		
FTS0605179	whole soil	444000	5406125		fg. chloritic sst												
FTS0605180	whole soil	444000	5406100	250	fg. chloritic sst	3.2					-10	3	8	1	8		
FTS0605181	whole soil	444000	5406075	200	fg. chloritic sst	0.6					-10	9	5	5	17		
FTS0605182	whole soil	444000	5406050	200	fg. chloritic sst	1.3					-10	2	5	4	19		
FTS0605183	whole soil	444000	5406025	300	chloritic q-lithic vol'genic sst	1.6					-10	2	-1	6	36		
FTS0605184	whole soil	444000	5406000	300	chloritic fg sst	1.3					-10	-1	-1	4	14		
FTS0605185	whole soil	444000	5405975	350	chloritic fg sst & Rol Cgl	0.5					-10	-1	-1	2	8		
FTS0605186	whole soil	444000	5405950	350	Rol Cgl	-0.1					-10	3	9	-1	8		
FTS0605187	whole soil	444000	5405925	320	Rol Cgl	0.7					-10	5	6	1	9		
FTS0605188	whole soil	444200	5406500	200		0.6					-10	4	6	81	93		
FTS0605189	whole soil	444200	5406475	200	vitric vol'genic tuff?	0.6					-10	3	4	83	99		
FTS0605190	whole soil	444200	5406450	300	rhylolite porphyry?	0.6					-10	2	5	66	45		
FTS0605191	whole soil	444200	5406425	400	rhylolite porphyry	0.8					-10	8	5	47	78		
FTS0605192	whole soil	444200	5406400	400	rhylolite porphyry	0.2					-10	5	14	135	74		
FTS0605193	whole soil	444200	5406375	300	fg siliceous sst	4.7					110	6	32	288	44		
FTS0605194	whole soil	444200	5406350	400	fg siliceous sst	3.8					155	11	73	288	56		
FTS0605195	whole soil	444200	5406325	250	vfg sst	0.6					54	9	27	140	34		
FTS0605196	whole soil	444200	5406300	100	scree	0.6					12	-1	9	10	8		
FTS0605197	whole soil	444200	5406275	100	scree	6.1					-10	-1	21	21	32		
FTS0605198	whole soil	444200	5406250	200	scree	2.9					10	10	72	68	43		
FTS0605199	whole soil	444200	5406225	200	scree	0.5					-10	6	25	33	26		
FTS0605200	whole soil	444200	5406200														

SOIL SAMPLING DATA

SampleID	SampleType	AMG East	AMG North	Depth(mm)	Rock-type	Au_ppb	Au-Rp1	Au-Rp2	Ag	As	Co	Cu	Pb	Zn	Bi	Sb	W
FTS060245	whole soil	443500	5406450	700		0.6			0.21	27.6	5.2	12	86	70	0.28	0.4	0.06
FTS060246	whole soil	443500	5406500	400		0.3			0.15	13.4	3.2	9	47	26	0.26	0.33	0.26
FTS060247	whole soil	443500	5406550	300		-0.1			0.13	11.8	3.9	10	64	64	0.16	0.29	0.09
FTS060248	whole soil	443500	5406600	700		0.4			0.22	19.6	5.8	16	188	59	0.27	0.56	0.07
FTS060249	whole soil	443500	5406650	400		0.5			0.27	46.5	3.2	57	118	89	0.22	1.26	0.05
FTS060250	whole soil	443500	5406700	300		0.6			0.25	39.4	12.9	60	260	212	0.3	1.05	0.12
FTS060251	whole soil	443900	5406500	200	fg. Sst/zst	2.5			0.19	14.7	3.2	84	113	51	1.46	0.63	0.13
FTS0605252	whole soil	443900	5406525	200	fg. Chl. silicic Sst/zst	10.1	12		0.2	15.2	2.7	108	79	47	1.8	0.49	0.12
FTS0605253	whole soil	443900	5406545	1100	luffy Br soil, fg hm altered s	8.6			0.23	18.3	2.7	116	109	57	2.83	0.64	0.08
FTS0605254	whole soil	443900	5406550	900	luffy Br soil, fg hm altered s	7.5			0.23	21.8	2.6	138	129	44	3.88	0.58	0.11
FTS0605255	whole soil	443900	5406575	800	luffy Br soil	4.6			0.17	23.7	1.4	113	71	34	3.13	0.68	0.08
FTS0605256	whole soil	443900	5406600	300	luffy Br soil (pink zst)	9.2			0.14	36.6	1.6	155	82	46	4.61	1.14	0.08
FTS0605257	whole soil	443900	5406625	200	luffy Br soil (pink zst)	10.4			0.29	150.5	1.1	106	86	79	6.27	1.84	0.11
FTS0605258	whole soil	443900	5406650	150	(pink zst)	1.4			0.33	122.1	5.7	52	147	60	2.77	1.32	0.08
FTS0605259	whole soil	443900	5406475	200		6.6			0.15	21.2	1.7	75	63	29	1.1	0.6	0.09
FTS0605260	whole soil	443900	5406450	200		1.1			0.1	8.5	2.5	28	12	28	0.58	0.26	0.18
FTS0605261	whole soil	443900	5406425	100		5.3			0.09	9.9	10.3	29	14	37	0.59	0.29	0.84
FTS0605262	whole soil	443900	5406400	200		5.9			0.05	7.6	13.4	19	12	31	0.84	0.25	1.59
FTS0605263	whole soil	443900	5406375	200	old track at 370mN	3.1			0.04	10.2	16.8	14	13	22	1.24	0.25	0.47
FTS0605264	whole soil	443900	5406350	350		2.1			0.24	13	11.6	26	17	30	2.58	0.28	0.75
FTS0605265	whole soil	443660	5406850	100		0.3			0.08	8.1	4.9	8	101	27	0.16	0.27	-0.01
FTS0605266	whole soil	443660	5406800	300		0.5			0.19	37.2	6.8	16	385	57	0.27	0.95	0.06
FTS0605267	whole soil	443660	5406750	700		0.2			0.2	78.3	3.5	13	116	49	0.26	0.71	0.12
FTS0605268	whole soil	443660	5406700	400		0.2			0.07	16.4	2.4	4	36	43	0.07	0.25	0.08
FTS0605269	whole soil	443660	5406650	600		0.1			0.25	146	4	23	190	52	0.85	1.03	0.05
FTS0605270	whole soil	443630	5406580	500	off line (access ease)	0.6			0.26	32.4	7.6	16	91	42	0.29	0.61	0.08
FTS0605271	whole soil	443660	5406550	1000		1.7			0.29	57.5	9.4	44	249	97	1.12	1.11	0.06
FTS0605272	whole soil	443660	5406500	800		0.8			0.15	39.7	2.4	26	197	37	0.97	0.9	-0.01
FTS0605273	whole soil	443660	5406450	800		2.1			1.41	99.3	2.1	49	557	62	3.34	2.55	0.16
FTS0605274	whole soil	443660	5406400	200		0.6			0.22	2.7	0.5	8	11	7	0.14	0.09	0.08
FTS0605275	whole soil	443660	5406350	100		1.1			0.13	7	2.1	6	19	15	0.17	0.14	0.07
FTS0605006	whole soil	443400	5406625		pulp repeat	1			0.35	17.4	3.5	14	247	82	0.15	0.61	0.11
FTS0605007	whole soil	443400	5406650		pulp repeat	1.3			0.34	18.2	5.3	15	163	74	0.18	0.6	0.13
FTS0605008	whole soil	443400	5406675		pulp repeat	1.1			0.43	28.2	6.1	27	274	96	0.36	0.87	0.11
FTS0605009	whole soil	443400	5406700		pulp repeat	0.5			0.56	24.9	8.6	26	348	100	0.25	0.75	0.1
FTS0605037	whole soil	443600	5406600		pulp repeat	0.3			0.29	34.9	6.6	20	130	37	0.39	0.78	X
FTS0605038	whole soil	443600	5406625		pulp repeat	0.2			0.23	32.2	4.9	17	120	41	0.46	0.7	X
FTS0605039	whole soil	443600	5406650		pulp repeat	0.3			0.2	34.5	8.8	16	160	55	0.29	0.64	X
FTS0605065	whole soil	443600	5406575		pulp repeat	0.1			0.21	35.6	5.4	12	149	25	0.5	0.69	0.06
FTS0605066	whole soil	443600	5406550		pulp repeat	0.5			0.21	41.8	11.3	24	187	47	0.47	0.75	X
FTS0605067	whole soil	443600	5406525		pulp repeat	0.6			0.21	49.9	12.8	24	224	44	0.47	1	0.06
FTS0605068	whole soil	443600	5406500		pulp repeat	0.1			0.14	42.1	1.5	12	127	28	0.61	0.93	0.08
FTS0605069	whole soil	443600	5406475		pulp repeat	0.2			0.16	60.8	3.5	17	143	46	0.6	1.36	0.09
FTS0605070	whole soil	443600	5406450		pulp repeat	0.3			0.14	37.8	1.6	15	124	39	0.58	1.13	0.1
FTS0605071	whole soil	443600	5406425		pulp repeat	0.1			0.11	60.6	0.3	13	94	13	1.06	1.03	0.11

APPENDIX V

Depth of Oxidation Data from Previous Drill Holes

METADATA

Appendix V

Title Holder: Greatland Pty Ltd
Tenement: EL26/2004, EL31/2004
Activity: Re-logging of drill hole oxidation levels
FileName: EL262004_200610_05_appendix.txt
Data Date: Nov. 2005- Nov. 2006
Data Location: This File
Datum: AGD66, AHD
Projection: UTM Zone 55
Data Source: As logged=interpreted from original logs; Greatland= this report
Definition of Codes: BOCO= base of complete oxidation
Definition of Codes: BOPO=base of partial oxidation
Definition of Codes: TFR= total fresh rock

DEPTH OF OXIDATION FROM PREVIOUS DRILL HOLES

Title Holder:	Greatland Pty Ltd									
Tenement:	EL26/2004, EL31/2004									
Activity:	Re-logging of drill hole oxidation levels									
FileName:	EL262004_200610_05_appendix.txt									
Data Date:	Nov. 2005- Nov. 2006									
Data Location:	this file									
Datum:	AGD66, AHD									
Projection:	UTM Zone 55									
Data Source:	As logged=interpreted from original logs; Greatland= this report									
Definition of Codes:	BOCO= base of complete oxidation									
Definition of Codes:	BOPO=base of partial oxidation									
Definition of Codes:	TFR= total fresh rock									
Hole ID	Company	Year	AMG East	AMG North	Datum-Zone	Depth	BOCO (as logged)	TFR (as logged)	BOCO (Greatland)	lin. BOPO(interp)
GP-90-01	Noranda	1990	445983	5405138	AGD66-55	24.7	<0.3	1.9		
GP-90-02	Noranda	1990	445963	5405140	AGD66-55	25.8	<0.3	0.3		
GP-90-03	Noranda	1990	445917	5405104	AGD66-55	24.6	<3	4		
GP-90-04	Noranda	1990	445975	5405167	AGD66-55	27.2	<0.5	0.6		
GP-90-05	Noranda	1990	445980	5405156	AGD66-55	30.2	<1.5	1.6		>25
GP-90-06	Noranda	1990	445985	5405127	AGD66-55	30.5	<0.7	0.7		?
GP-90-07	Noranda	1990	445983	5405111	AGD66-55	31.0	<0.8	0.8		>20
GP-90-08	Noranda	1990	445987	5405098	AGD66-55	30.2	<0.7	0.7		>19
GP-90-09	Noranda	1990	446016	5405145	AGD66-55	30.5	<0.3	0.3		>18
GP-90-10	Noranda	1990	446001	5405134	AGD66-55	30.3	<0.4	0.4		>13
GP-90-11	Noranda	1990	445818	5405122	AGD66-55	30.5	<0.65	0.65		?
GP-90-12	Noranda	1990	445818	5405123	AGD66-55	30.3	<0.6	0.6		>30
GP-90-13	Noranda	1990	445809	5405100	AGD66-55	30.6	<0.2	0.2		>23
GP-90-14	Noranda	1990	445809	5405099	AGD66-55	32.3	<3.5	3.5		>19
GP-90-15	Noranda	1990	445876	5405127	AGD66-55	30.9	<3.5	3.5		
GP-90-16	Noranda	1990	445880	5405112	AGD66-55	30.8	<2	3		
GP-90-17	Noranda	1990	445879	5405081	AGD66-55	30.4	<0.3			
FTD01	Plutonic	1993	446040	5405143	AGD66-55	145.0	1	6	3.8	
FTD02	Plutonic	1993	446004	5405071	AGD66-55	122.6	<2.5	6.3	2.5	
FTD03	Plutonic	1993	445972	5405066	AGD66-55	121.5	<3	6.3	4	69
FTD04	Plutonic	1993	445936	5405058	AGD66-55	153.0	<3.5	9.5	10	101
FTD05	Aurion	2002	446006	5405071	AGD66-55	108.1	<0.3			
FTD06	Aurion	2002	446029	5405075	AGD66-55	117.0	<0.3		<0.3	
FTD07	Aurion	2002	445974	5405069	AGD66-55	107.5	<0.3			
FTD08	Aurion	2002	445951	5405064	AGD66-55	126.6	<0.3		<3.9	56
FTD09	Aurion	2002	446102	5405050	AGD66-55	111.7	<0.3			
FTD10	Aurion	2002	446295	5405036	AGD66-55	115.0	<0.3			
FTD11	Aurion	2002	445855	5405040	AGD66-55	138.7			10.1	55
FTD12	Aurion	2002	445742	5405068	AGD66-55	126.0				

APPENDIX VI

Drill Hole Re-Logging Notes

METADATA

Appendix VI

Drill hole re-logging notes (no ASCII data)

DRILL HOLE RE-LOGGING NOTES

FTD01 (drilled north to south) FTD 1 was terminated when it was felt that sulphide levels were consistently low. Gold reports with arsenopyrite and / or scheelite in veins at 0-5CA often in massive pyrite aggregate clots (eg 54.7-55.1m). Pyrite shear veins and rare scheelite bearing veins at 0-5CA support general consistent orientation of these veins. Wide zones of uniform lithology suggests the hole drilled at a low angle to bedding but bedding is poorly preserved except in folded siltstone zones (@10-30CA). All the hole is altered. Vein density is relatively low.

FTD02: 78.0-79.0m contains 3% scheelite content (by UV lamp) that is anomalously low in sulphide (cf. other mineralized intervals). Lithologies and alteration are otherwise similar to FTD04. The shear intersected by GP-90-4 was reportedly intersected in FTD 2 and the hole terminated just below this in chloritic mass flows.

FTD03 In the case of FTD 3 and 4 the holes were stopped in chloritic lithic rich volcanoclastics. Gold is associated with v.f.g. arsenopyrite-pyrite clots and veins, no association with the pyrite- only veins it seems. There is an association with scheelite or arsenopyrite below 103m depth.

scheelite is often clearly visible (87-114m) in discrete but diffuse margined replacive veins as qtz-scheelite-pyrite-(chalcopyrite), including country rock relicts - possibly biotite altered. Nil selvage bleaching alteration suggesting near equilibrium conditions with wall-rock. Scheelite veins correlate with higher Gold values. Only trace disseminated chalcopyrite occur outside these veins. All qtz-scheelite-pyrite-tr chalcopyrite veins have diffuse (replacive) edges and including country rock relicts (possibly biotite altered).

Why no scheelite in shallower Gold zones here? 74-75m may have trace v.f.g. arsenopyrite as well as dominant pyrite aggregates and tr. Chalcopyrite. So could be different generation with nil scheelite. No evidence for supergene occurrence here. Note that pyrite veins not always typically high angle to CA (many @30CA) and chlorite veins are high angle. Scheelite bearing veins are all high angle though. Pyrite-(arsenopyrite) clots form very fine grained replacive zones, not within veining.

Bedding @35CA

FTD-04: Volcanic sandstone dominated, strong alteration. Bedding to core axis angles of 45-65 degrees (implying bedding dips of 80 degrees – south or north) but with some variability implying open folding (~3m wavelength). Intervals 16-27m and 44-54m are anomalously low in sulphide (except vfg. disseminated pyrite) for such a mineralized section (supergene??) whereas below there is good vein to Gold correlation. MacDonald defines hanging wall from 147.9m (starting in scaly clay siltstone).

Logging of pyrite occurrences show a generally good correlation with analysed gold grade (Table 2). However, not all pyrite is mineralised eg. Some of the highest pyrite content is 101-109m but Au is typically < 0.1 g/t

Table 2: Comparison of sulphide occurrences to significant gold assays FTD004

From	To	Sulphides	Au g/t/m
10	10.3	1% py @30CA	
11.8	11.9	1% py @30CA	
	23.3	py @70CA	
24	27	???	>0.5
28.15	28.45	20% py @30CA silicic zone	0.11
	32.2	py @0CA	0.12
35.5	35.8	2% py @ 0CA	0.07
37	38.4	2% py 0.5%asp disseminated clots	>.16
	41.5m	vfg py-asp(?) aggregates in 5mm wide diffuse vein at 90CA	0.09
	45.4	py-q-scheelite vein @ 70CA cut by counter dipping q-Fe carbonate vein	1.31
45.9	46	py-CO3 @15CA	
44	54	??	>2
63.7	66.2	py @80-90CA in zst	<
66.2	70.4	py >>cpy> (asp-W?) to 5%	>1.9
70.4	72.7	py >>cpy> (asp-W?) to 0.5%	tr
81.2	83.1	1% disseminated py	<
86.9	87	5% py 2% gal CO3 vein	0.04
	89.6	py v	
89	90		0.21
	94.05	py v tr. Gal	0.79
95	96	?	0.58
	99.3	py v tr. Gal	0.3
100.5	104.75	tr. Py in zst only	0.1
107.75	110.7	tr. Py in zst only	tr

	119.5	py	0.09
123.6	123.7	py in fracture	<
138.7	138.8	py and pink silic.	<
140.9	141	py	1.83
141.35	141.6	py-cpy 141.35-142m ONLY	5.15
	144.2	py>>cpy bdg parallel vein 45-50CA	1.4
	144.4	py>>cpy bdg parallel vein 45-50CA	1.4

FTD05 The top of hole to 45m has abundant slickensided brittle-(ductile) shear zones commonly marking lithological variations. No new pyrite or significant alteration is developed in these shears so they are post ore. Most slicks area acute to core axis. Vughy qtz-carbonate only veins tend to be acute to CA whereas sulphide bearing thin veins tend to be at higher angles to CORE AXIS.

The interval 45-46m returned 5.5g/t Gold and 2000ppm As. The volume of pyrite is not proportionately higher than lower grade intervals but Arsenic is significantly higher, with disseminated arsenopyrite finely streaked through grey, texturally destructive, silicified patches of this interval.

The interval 65.4- 80.2m shows bedding @ 70CA consistently.

Gold is hosted in arsenopyrite, with gold to at least 39m possibly including supergene as indicated by metal ratios.

FTD06 Pink spidery stockwork replacement of manganese carbonate-(Kspar?) varies down hole in intensity, overprinting the clastic chlorite alteration. Some anomalously weathered altered zones occur down hole at 50-51.1m and 54.8-58.5m. Arsenopyrite 37-41m, sulphides mostly leached 41-51.1m

Gold to 30m depth may be supergene as indicated by metal ratio plots. Bedding 40-45CA at 58m to EOH.

FTD07 Rhyolite intrusive dykes logged by Auriongold at 56.8-57.1m and 57.8-58.4m

FTD08: Weathered shear zone and veining @30CA at 17-26.3m (implying an oblique shear zone?). Possible base of supergene around 56-58m based on weakening joint weathering

and the auriferous interval 57-58m having no obvious sulphide abundance (although 56-57m has disseminated pyrite veins). Pyrite veins in this flat hole are seen as low as 45CA, and scheelite bearing veins at 55-80CA, where they are at higher angles in steeper holes, implying moderate southerly dips, with veins seen counter dipping to bedding. Zones of unusually wide massive pyrite-scheelite occur as veins (eg 88.3-88.6m @10.8 g/t Gold – with no arsenic). At 93.15 -93.25m (9.35 g/t Gold, 0.37% Arsenic) strong disseminated arsenopyrite in siltstone is crossed by pyrite-scheelite-ferberite veins, as a very discrete but high grade zone – the later in a potential reducing host/interface.

This hole has many scheelite veins over the intervals 55-58.3 and 82.5-94.2m, best gold being within and on the edges of these zones.

Alteration is not very strong.

FTD09: Drill hole FTD9 was designed to test the eastern strike extension of the prospect. The hole intersected the mineralised zone 50m east of the nearest intersection before intersecting a large NW striking fault displacing the host horizon south-east(?). The hole was still in the mineralised zone when the fault was intersected.

FTD10: Drill hole FTD10 was designed to test the host sequence 200m east of FTD9. The hole was targeted under a coincident Gold/Arsenic soil anomaly and anomalous rock chip Gold (to 30g/t). The hole failed to intersect altered and mineralised volcanoclastics. However it did pass through a faulted contact into strongly sericite-carbonate-silica-pyrite altered quartz-biotite porphyry. No significant gold was intersected.

Is there a possibility this hole went through a fault blank, and faulted continuation of mineralization is still to the east? As mapped by Aurion the cross fault offsetting mineralization should be intersected solely within the rhyolite. However a significant fault with core loss was intersected at the contact of rhyolite and volcanoclastics. I noticed shearing in outcrop near this contact, 100m to the east, and Noranda mapped this contact as a mineralized shear. Core loss at the end of hole could be the cross fault?

FTD11: A hole dominated by monotonous greywacke, weak alteration and low sulphide/scheelite content. Shallow gold occurrences (to 12.5m) may be supergene enrichment. Anomalous Arsenic occurs as arsenopyrite 40-60m. Low bedding to core axis angles of 20 -40 degrees implying bedding dips of 30-60 degrees (if to north). Minor open

flexures in siltstone. FTD11 intersected a broad zone of altered volcanoclastics. Several small quartz porphyritic dykes reportedly intersect the zone. In drill hole FTD11 fine chlorite after biotite alteration associated with gold mineralisation is evident. This alteration and mineralisation is associated with a quartz-porphyritic dyke (39.8-40.5m and 56.3-56.4m) suggestive of localised hornfelsing (Also seen in FTD019 at around 100m). Gold grades are typically <1 g/t for this style of alteration.

Interval 24-36m has low Arsenic to elevated gold cf. remainder of hole. Generally, Arsenic is high compared to Gold assays and lead is relatively low. Geochemistry suggests hole is collared within target zone.

Interval 62.9-64.1m has only 40% recovery, this graded 3.3 g/t Gold, 1000ppm Cu. 61-63.7m was a broken zone.

FTD12: FTD12 obtained very poor recoveries for the first 50m. The flat angle of the hole and the deeply weathered rock resulted in much of the core washing away as the overshot was pumped down the hole.

Gold response is not everywhere proportionate to the intensity of the kspar alteration or pyrite content. But may coincide with a base of BOPO if defined by last of leached Fe bearing veins, so could be supergene, explaining unusual metal ratios here. Arsenic is very low, and along with copper does not correlate with gold occurrences. Within the interval 96.7-101.8m an abrupt increase in alteration across a shear as kspar-carbonate veins occurs, with a gradational alteration front lower contact. This suggests possible post mineralization fault complexity.

GP-90-1: Vertical hole. BOCO=1.2m. First preserved pyrite @2.5m @45CA as 1cm wide aggregate. pyrite @3.5m @45CA as vein o'printed by couonter dipping qtz-carb-gal(?) veins @45CA. pyrite @7m @45CA as 1cm wide aggregate, 13.8m @ 50CA., 21.5m pyrite vein @20CA. Hole generally only very weakly weathered. Kspar alteration obvious from 20m to EOH. No large amounts of arsenopyrite visible, galena seems trace but more abundant, Confirmed by assays, where gal expected 0-8m down hole.

16-17m assayed 0.26% W, but this zone has weaker UV response than some shallower intervals (mostly not assayed), almost all UV lamp response is in 0-7m depth.

GP-90-2: Vertical hole. First pyrite at 2.2m @60CA (BOCO=2m). 4.5m py>arsenopyrite @70CA, 4.8m pyrite @30CA. A banding at 2-3m is at 40CA, it may be bedding. 2-6m semi-fresh, 6-7m weathered, 7-16m weathered mainly about veins, 16-19.5m weathered about veins and selvages. 19.5-25.8m (EOH) weakening alteration to only kspar over earlier chlorite.

GP-90-3: The first fresh pyrite seen at 4.2m. BOCO=4m. 0-7m is partially weathered, 7-15.5m mostly fresh, 15.5-16.1m strongly weathered possible shear @30CA, 16.1-EOH semi-fresh with volcanogenic sandstone containing minor pyrite-arsenopyrite veins.

Note that scheelite veins are at mod-low angles on this EAST directed hole cf. high angles in steep north directed holes.

GP-90-4: Bedding angle to core axis (CA)

1.8m	35CA
3m	30CA
7.7m	35CA
8.2m	20CA
8.5m	30CA

Well bedded siltstone to about 10m. 18.5-22 big crush zone low angle to CA.

GP-90-5: Bedding angle to core axis (CA)

3m	30CA
4m	45CA
5m	55CA
6m	60CA
6.5m	55CA
8m	45CA
8.5m	45CA
10.5m	45CA
11.5m	40CA
13m	35CA
15m	35CA
16.5m	35CA
21.5	40CA
27	30CA

GP-90-6: First pyrite at 1.1m (BOCO=1.1m) .This hole is pyritic throughout, with no obvious correlation to Gold grades. BOPO >30.1m (EOH). Visible bedding in hole @25CA at 5m, 0-10CA (buckle fol) at 7m, 30CA at 18m, 27.3-30.45m has banding relicts @70CA – could this be bedding? Interval 9-12m is weathered (but still pyritic), other intervals are only weathered on carbonate veins.

GP-90-7: First pyrite at 3.0m (BOCO=1m) . Vuggy Qtz-CO₃ veins tend to be at high angle to CA and pyrite veins at low angles. Pyrite veins are common at 0CA (eg 4-4.3m, 12-14m). Hole mostly bulk rock oxidized except 20-23m, 25-27m. BOPO exceeds 30.1m (EOH). No visible bedding in hole.

GP-90-8: Barren hole. First pyrite at >EOH (BOCO=2.5m). Vuggy Qtz-CO₃ veins from 28-30.15m at 0-30CA. BOPO >30.1m (EOH). No visible bedding in hole. The bulk of rock is fresh at shallow depths (from 3.5m in patches). Low grade selvage chlorite alteration occurs at 3.5m and patchily onward. The only gold appears as lateral supergene.

GP-90-09: Dominated by unaltered laminated siltstone sequences (and lesser unbedded moderate sorted porous sandstone) with open buckle folds but universally low angle to CA bedding intersections. Marked lithologic and grade change at 29.4m to pyrite veined volcanogenics.

GP-90-10: First pyrite at 3.1m (BOCO). Vuggy Qtz-CO₃ veins tend to be at high angle to CA and pyrite veins at low angles. Partial bulk rock oxidation to 19m. BOPO may be 23-25m (last of most leached veins). No visible bedding in hole. Pale sphalerite noted 26-27m.

GP-90-12: Note MacDonald (1993) clearly logs interval 20-30m (EOH) as quartz rich lithic volcanoclastics cf. Callaghan (2002) interprets it as rhyolite. Not relogged by Greatland Pty Ltd.

GP-90-15: (the only brief comments)

14m	bedding	45CA
17m	bedding	60CA
20m	bedding	60CA
25m	bedding?	60CA

GP-90-16: The end of hole alteration is similar to that in GP-90-17 (but not same lithology). High angles to CA of mostly flattening matrix defined fabric @65CA may be foliation as this is at higher angles than compositional laminations.

APPENDIX VII

Scheelite Logging Data from Previous Drill Holes

METADATA

Appendix VII

Title Holder: Greatland Pty Ltd
Tenement: EL26/2004, EL31/2004
Activity: Short wave ultraviolet fuorescence response of drill core
FileName: EL262004_200610_07_appendix.txt
Data Date: Nov. 2005- Nov. 2006
Data Location: This File
Datum: AGD66, AHD
Projection: UTM Zone 55
Data Source: this report
Definition of Codes: AngleCA= angle to core axis of hosting vein

SCHEELITE LOGGING DATA

Title Holder:	Greatland Pty Ltd			
Tenement:	EL26/2004, EL31/2004			
Activity:	Short wave ultraviolet fluorescence response of drill core			
FileName:	EL262004_200610_07_appendix.txt			
Data Date:	Nov. 2005- Nov. 2006			
Data Location:	EL262004_200610_09_appendix.txt; EL262004_200610_05_appendix.txt			
Datum:	AGD66, AHD			
Projection:	UTM Zone 55			
Data Source:	this report			
Definition of Codes:	AngleCA= angle to core axis of hosting vein			
HoleID	from	to	scheelite (SWL Fluorescence)	AngleCA
GP-90-01	0.50	0.55		
GP-90-01	0.60	0.62		50
GP-90-01	1.50		vein	40
GP-90-01	2.30	2.50	vein zone	40
GP-90-01	3.40		patch	
GP-90-01	4.40		patch	
GP-90-01	7.50		vein	50
GP-90-01	7.80		vein	70
GP-90-01	15.50		specks	
GP-90-01	16.20		patch	
GP-90-02	8.00		narrow vein	45
GP-90-02	9.50		4cm patch	
GP-90-02	16.00		vein	90
GP-90-02	17.50		vein	80
GP-90-02	19.70		vein	25
GP-90-03	16.85		2mm vein	40
GP-90-03	17.55		4mm vein	70
GP-90-03	17.70		5mm vein	35
GP-90-03	19.25		py vein	20
GP-90-03	19.60		5mm vein	15
GP-90-03	23.45		1mm py-arsenopyrite vein	40
GP-90-03	23.60		2cm vein	40
GP-90-03	24.40		5mm vein	30
GP-90-04			not logged	
GP-90-05			not logged	
GP-90-06			not logged	
GP-90-07	2.25		vein	10
GP-90-07	27.70		patch	30
GP-90-07	27.75		patch	
GP-90-08			nil	
GP-90-09			nil	
GP-90-10	8.80		patch(3cm)	
GP-90-10	10.90		1cm	30
GP-90-10	11.20	11.60	3 patches (~5%)	0-30
GP-90-11			not logged	
GP-90-12			not logged	
GP-90-13			not logged	
GP-90-14			not logged	
GP-90-15			not logged	
GP-90-16	21.30		vein	80
GP-90-16	28.80		patch	

SCHEELITE LOGGING DATA

HoleID	from	to	scheelite (SWL Fluorescence)	AngleCA
GP-90-16	28.95		patch	
GP-90-17	12.50		1mm vein	85
GP-90-17	20.60		patch	
GP-90-17	20.90		patch	85
GP-90-17	21.40		patch	30
GP-90-17	24.30		patch	
FTD001	47.90		5cm as 2veins	45
FTD001	48.30		2mm vein	35
FTD001	48.70		5mm vein	5
FTD001	50.00	50.80	2 patches, 80% py	
FTD001	51.60	51.70	patch, 90% py	
FTD001	53.50	53.80	2veins	0-20
FTD001	55.50	55.70	1mm vein	35
FTD001	68.60		1mm as 2veins	35
FTD002	23.80		2mm vein	
FTD002	57.60			
FTD002	57.70	57.80		
FTD002	78.00	79.00	3% sheelite in various veins, patches	60-80
FTD003	51.90	51.92	2cm vein -isolated occurence	80
FTD003	87.70		3cm vein -80% py	75
FTD003	89.50		3cm vein -60% py	75
FTD003	89.60		patch	
FTD003	90.85		2cm vein -nil py	75
FTD003	90.95		3cm vein -20% py	75
FTD003	91.50		vein nil py	85
FTD003	91.60		vein nil py	70
FTD003	92.10		1mm vein	80
FTD003	92.40		1mm vein patch	
FTD003	93.96	94.00	4cm vein	85
FTD003	94.30		2 x 2cm vein - 5% py	80
FTD003	95.80		4cm vein 2% py	85
FTD003	102.30		2cm vein	85
FTD003	103.60		1cm	80
FTD003	105.75	105.80	patch -10% py	
FTD003	106.50		2cm vein	85
FTD003	106.80		patch	
FTD003	112.80		patch	
FTD003	114.00		vein	45
FTD003	114.40		patch	
FTD004	45.40		py-q-scheelite vein cut by counter dipping q-Fe carbonate vein	70
FTD004	141.40		py-(cpy)-q-scheelite veins	
FTD004	144.30		2 parallel py-(cpy)- q-scheelite veins	
FTD005	53.10	53.15	2%	
FTD005	54.70		10% over 5cm	
FTD005	55.80		2-3% over 3cm	70
FTD005	56.80		patch	
FTD005	57.45	57.70	10% in 3 veins, incl. 40% over 5cm	70-90
FTD005	58.70		6cm	70-91
FTD005	59.60		patch	
FTD005	59.70		1cm	40
FTD005	60.40		2%	
FTD005	60.80		patch	
FTD005	62.25		patch	
FTD005	62.40		patch	
FTD005	62.50		patch	
FTD005	63.00	63.05	5%	90

SCHEELITE LOGGING DATA

HoleID	from	to	scheelite (SWL Fluorescence)	AngleCA
FTD005	64.00	64.50	1%	90
FTD005	65.00		patch	
FTD005	73.20			
FTD005	74.50		5cm patch	
FTD005	74.70	74.90	2%	70-90
FTD005	76.40		5cm	40
FTD005	77.20		patch	
FTD005	86.00		patch	
FTD006	49.80		2 patches	45
FTD006	51.10		3 patches	
FTD006	51.50		2 patches	
FTD006	54.00		patch	
FTD006	55.40		patch	
FTD006	55.94	56.00	10% in oxidised vein	45
FTD006	75.80		1mm vein	80
FTD006	76.20		1mm vein	70
FTD006	76.30		1mm vein	70
FTD006	76.45		1mm vein	60
FTD006	76.50		1mm vein	80
FTD006	76.90		tr vein	85
FTD006	77.30		1mm vein	60
FTD006	78.50		patch	
FTD007			not logged	
FTD008	48.50		patch in a vein	80
FTD008	55.00		2 x 2mm veins	85
FTD008	56.00		5mm vein	80
FTD008	56.90	56.96	6cm	80
FTD008	57.10		2mm vein	60
FTD008	58.20		1mm vein	
FTD008	72.70		2mm vein	45
FTD008	82.50		5mm py vein	60
FTD008	82.80		vein	35
FTD008	83.60		vein	70
FTD008	88.30		3mm vein	
FTD009			not logged	
FTD010			not logged	
FTD011	23.55		1.5cm vein (30% scheelite)	45
FTD011	23.70		0.7cm vein (5% scheelite)	0
FTD011	24.20		dissem tr. scheelite	
FTD011	43.70		tr .	30
FTD011	44.10		tr.	
FTD011	44.65		tr.	
FTD011	62.50		tr.	
FTD012	85.80	85.95	1-2% scheelite in vague veins	40-90
FTD012	88.00		tr scheelite in vague vein	40-90
FTD012	88.15		1 vein	20-40
FTD012	88.70		1 vein	50
FTD012	89.70		single grain cluster	
FTD013		30.3	narrow veins@ 70-80Ca	70-80
FTD013		35.3	narrow veins@ 70-80Ca	70-80
FTD013	36.6	36.8	3% high angle CA	
FTD013	36	40.8	spaced veins @60-80Ca, <=1%	60-80
FTD013	40.8	40.9		10%
FTD013	41.5	41.6		4%
FTD013	42.3	42.5		6%
FTD013	43.1	43.4		6%
FTD013	44.7	44.8		8%

SCHEELITE LOGGING DATA

HoleID	from	to	scheelite (SWL Fluorescence)	AngleCA
FTD013	45	46.6	2-4% as narrow veins, <=2%	60-80
FTD013		48.5	vein	45
FTD014		2	vein @45CA	45
FTD014		3.5	vein @45CA	45
FTD014	10.1	10.5	patches	
FTD014		11.6	coating on rubbly oxidation	
FTD014		15	vein @45CA	45
FTD014		15.2	vein @45CA	45
FTD014		17.5	trace vein	
FTD014		18.6	trace vein	
FTD014	35.9	36.1		
FTD014	37.45	37.5		
FTD014		37.9	vein @45CA	45
FTD014	39.3	39.3	3cm vein @40CA	40
FTD015			nil	
FTD016	8.04		vein	70
FTD016	8.2		vein	70
FTD016	8.3		vein	60
FTD016	8.45		patch	
FTD016	9.15		patch sulphide	
FTD016	20.5		vein -1 cm	80
FTD016	20.6		vein	80
FTD016	23.15		vein	60
FTD016	27.3	27.4	vein	45
FTD016	30.2		vein	45
FTD016	32	32.04	vein	45
FTD016	53		vein	70
FTD016	53.8		vein	70
FTD016	53.95		vein -1 cm	
FTD016	57		vein	75
FTD016	57.15		vein	80
FTD016	57.3		vein	70
FTD016	57.8		vein	70
FTD016	57.9		vein	60
FTD016	59	61	subtle veins	
FTD017	7.25	7.65	5% in vein patches	
FTD017	21.5		1mm vein	50
FTD017	21.75		3mm py vein	70
FTD017	43.3	43.6	3 x veins incl. 5cm 43.3-43.35m	70
FTD018			nil	
FTD019	58.8	59.1	veins @45CA	45
FTD019	60.2	60.5	veins @45CA	45
FTD019	61	61	minor	
FTD019	97.4	97.6	10% as vein patches	
FTD019	98.4	100.1	2-4% thin sheeted veins @45CA	45
FTD020			nil	
FTD021			nil	
FTD022	0	55.9	nil	
FTD022	55.9	55.9	carbonate-quartz microveining.	24
FTD022	70.5	70.5	White SWL fluorescent scheelite/pyrite	
FTD022	81.4	92.9	White SWL fluorescent scheelite/pyrite	30

APPENDIX VIII

Results of Previous Drill Hole Re-Analysis

METADATA

Appendix VIII

Title Holder: Greatland Pty Ltd
Tenement: EL26/2004, EL31/2004
Activity: Element analysis of selected previous Company quarter drill core.
FileName: EL262004_08_appendix.pdf
Data Date: Nov. 2005- Nov. 2006
Data Location: This File
Datum: AGD66, AHD
Projection: UTM Zone 55
Analytical Source: Genalysis Laboratory Services (Perth)
Definition of Codes: Analytical methods- see text [digest/finish(detection limit)]

DD Diamond drill hole
CHECK Laboratory quality control samples
all in ppm

APPENDIX 8
RE-ASSAY OF SELECTED PREVIOUS HOLES

SampleID	Sample Group	Sample Type	HoleID	Depth From	Depth To	Date	Laboratory	JobCode	MethodAu	Method2	Method3	Method3 Elements	Au	Au-Rp1	Ag	As	Bi	Co	Cu	Mo	Pb	Pb-Rp1	Sb	W	Zn	(all in ppm)
FTD2-001	DD	QtrNQ	FTD002	36	37	2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	0.09						410		28		4	3	405	
FTD2-002	DD	QtrNQ	FTD002	44	45	2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	0.04					347			5745	0.64	2	29	11896	
FTD2-003	DD	QtrNQ	FTD002	57	58	2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	0.9					122			103		X	50	165	
FTD2-004	DD	QtrNQ	FTD002	79	80	2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	2.4	2.33				1419			84		2	111	278	
FTD4-001	DD	QtrNQ	FTD004	16	17	2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	0.35					105			12		2	3	115	
FTD4-002	DD	QtrNQ	FTD004	23	24	2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	0.36					74			15		1	6	157	
FTD4-003	DD	QtrNQ	FTD004	49	50	2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	0.88					61			6		1X		33	
FTD4-004	DD	QtrNQ	FTD004	64	65	2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	0.02					213			169		2	24	9542	
FTD4-005	DD	QtrNQ	FTD004	69	70	2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	1.9					560			4974		3	26	7778	
1170.0/06013	CHECK	STANDARD	AE12			2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	0.1					91			91		7X		96	
1170.0/06013	CHECK	Control Blank				2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	X			X		X			X		X	X	X	
1170.0/06013	CHECK	Control Blank				2006/02/09	Genalysis	1170.0/0601394	B/SAAS(0.01)	B/OES(1-2)	B/OES(1-2)	Sb W	X			X		X			X		X	X	2	
FT060001	DD	QtrHQ	FTD006	40	41	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				2104	X	1520			17			16		
FT060002	DD	QtrHQ	FTD006	41	42	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				487	X	382			8			27		
FT060003	DD	QtrHQ	FTD006	42	43	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				424	X	344			7			21		
FT060004	DD	QtrHQ	FTD006	43	44	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				522	X	403			5			31		
FT060005	DD	QtrHQ	FTD006	44	45	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				756	X	569			6			38		
FT060006	DD	QtrHQ	FTD006	45	46	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				619	X	464			7			22		
FT060007	DD	QtrHQ	FTD006	46	47	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				410	X	330			6			236		
FT060008	DD	QtrHQ	FTD006	47	48	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				210	X	172			2			31		
FT060009	DD	QtrHQ	FTD006	48	49	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				666	X	502			4			81		
FT060010	DD	QtrHQ	FTD006	49	50	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				2747	X	2177			6			851		
FT060011	DD	QtrHQ	FTD006	50	51	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				386	X	282			10			63		
FT060012	DD	QtrHQ	FTD006	51	52	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				163	X	113			9			713		
FT060013	DD	QtrHQ	FTD006	52	53	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				304	X	199			6			231		
FT060014	DD	QtrHQ	FTD006	53	54	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				1845	X	1470			7			86		
FT060015	DD	QtrHQ	FTD006	54	55	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				146	X	110			4			211		
FT060016	DD	QtrHQ	FTD006	55	56	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				474	X	113			4			2905		
FT060017	DD	QtrHQ	FTD006	56	57	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				189	X	100			3			159		
FT060018	DD	QtrHQ	FTD006	73	74	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				751	X	559			7			46		
FT060019	DD	QtrHQ	FTD006	74	75	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				726	X	507			4			35		
FT060020	DD	QtrHQ	FTD006	75	76	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				847	X	573			3			393		
FT060021	DD	QtrHQ	FTD006	76	77	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				539	X	346		X				483		
FT060022	DD	QtrHQ	FTD006	76	77	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				543	X	347			3			724		
FT060023	DD	QtrHQ	FTD006	77	78	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				651	X	426			2			379		
FT060024	DD	QtrHQ	FTD006	78	79	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				32	X	32		X				279		
FT060025	DD	QtrHQ	FTD006	79	80	2006/07/12	Genalysis	return to Deloraine		A/OES(1-5)	A/OES(10)	Bi W														
FT060025A	DD	QtrHQ	FTD006	80	81	2006/07/12	Genalysis	return to Deloraine		A/OES(1-5)	A/OES(10)	Bi W														
FT060026	DD	QtrHQ	FTD005	55	56	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				326	X	252			5			1968		
FT060027	DD	QtrHQ	FTD005	56	57	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				36	X	26			9			1961		
FT060028	DD	QtrHQ	FTD005	57	58	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				66	X	64			3			2653		
FT060029	DD	QtrHQ	FTD005	58	59	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				117	X	89			3			844		
FT060030	DD	QtrHQ	FTD005	59	60	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				936	X	632			3			645		
FT060031	DD	QtrHQ	FTD005	60	61	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				455	X	347			4			531		
FT060032	DD	QtrHQ	FTD005	61	62	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				972	X	655		X				2515		
FT060033	DD	QtrHQ	FTD005	62	63	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				1127	X	747			4			403		
FT060034	DD	QtrHQ	FTD005	63	64	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				2089	X	1403			3			4790		
FT060035	DD	QtrHQ	FTD005	64	65	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				2035	X	938		X				3975		
FT060036	DD	QtrHQ	FTD005	65	66	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				103	X	86		X				80		
FT060037	DD	QtrHQ	FTD005	66	67	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				29	X	30			4			30		
FT060038	DD	QtrHQ	FTD005	67	68	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				24	X	3		X				31		
FT060039	DD	QtrHQ	FTD005	68	69	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				11	X	7		X				26		
FT060040	DD	QtrHQ	FTD005	69	70	2006/07/12	Genalysis	1170.0/0606132		A/OES(1-5)	A/OES(10)	Bi W				13	X	10		X				21		

APPENDIX 8
RE-ASSAY OF SELECTED PREVIOUS HOLES

SampleID	Sample Group	Sample Type	HoleID	Depth From	Depth To	Date	Laboratory	JobCode	MethodAu	Method2	Method3	Method3 Elements	Au	Au-Rp1	Ag	As	Bi	Co	Cu	Mo	Pb	Pb-Rp1	Sb	W	Zn	(all in ppm)	
FT060041	DD	QtrHQ	FTD005	70	71	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				49 X	33		X					55			
FT060042	DD	QtrHQ	FTD005	71	72	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				412 X	303		X					186			
FT060043	DD	QtrHQ	FTD005	72	73	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				6087 X	3974		X					4082			
FT060044	DD	QtrHQ	FTD005	73	74	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				164 X	126		X					195			
FT060045	DD	QtrHQ	FTD005	74	75	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				60 X	36		X					88			
FT060046	DD	QtrHQ	FTD005	75	76	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				33 X	28		X					491			
FT060047	DD	QtrHQ	FTD005	76	77	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				48 X	39		X					156			
FT060048	DD	QtrNQ	FTD005	77	78	2006/07/12	Genalysis	return to Deloraine		A/0ES(1-5)	A/0ES(10)	Bi W															
FT060049	DD	QtrNQ	FTD003	70	71	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				242 X	185			2				47			
FT060050	DD	QtrNQ	FTD003	71	72	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				81 X	51			3				37			
FT060051	DD	QtrNQ	FTD003	72	73	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				653 X	468			5				84			
FT060052	DD	QtrNQ	FTD003	73	74	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				930 X	664			7				105			
FT060053	DD	QtrNQ	FTD003	74	75	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				2404	14	1771		10				39			
FT060054	DD	QtrNQ	FTD003	75	76	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				2606 X	2037			3				158			
FT060055	DD	QtrNQ	FTD003	86	87	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				192 X	133			3				35			
FT060056	DD	QtrNQ	FTD003	87	88	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				152 X	116			X				1041			
FT060057	DD	QtrNQ	FTD003	88	89	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				479 X	369			X				269			
FT060058	DD	QtrNQ	FTD003	89	90	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				1819 X	1445			6				590			
FT060059	DD	QtrNQ	FTD003	90	91	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				817 X	636			3				185			
FT060060	DD	QtrNQ	FTD003	91	92	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				575 X	432			X				3118			
FT060061	DD	QtrNQ	FTD003	92	93	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				1794 X	1263			X				2596			
FT060062	DD	QtrNQ	FTD003	93	94	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				1054 X	782			X				564			
FT060063	DD	QtrNQ	FTD003	94	95	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				822 X	593			X				1996			
FT060064	DD	QtrNQ	FTD003	95	96	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				303 X	230			X				2135			
FT060065	DD	QtrNQ	FTD003	96	97	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				650 X	482			X				2395			
FT060066	DD	QtrNQ	FTD003	102	103	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				494 X	400			X				108			
FT060067	DD	QtrNQ	FTD003	103	104	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				243 X	144				4			147			
FT060068	DD	QtrNQ	FTD003	104	105	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				725 X	494				2			90			
FT060069	DD	QtrNQ	FTD003	105	106	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				2305 X	1821			X				1824			
FT060070	DD	QtrNQ	FTD003	106	107	2006/07/12	Genalysis	return to Deloraine		A/0ES(1-5)	A/0ES(10)	Bi W															
FT060070A	DD	QtrNQ	FTD001	47	48	2006/07/12	Genalysis	return to Deloraine		A/0ES(1-5)	A/0ES(10)	Bi W															
FT060071	DD	QtrNQ	FTD001	48	49	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				279 X	225			12				1593			
FT060072	DD	QtrNQ	FTD001	49	50	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				670 X	495			X				303			
FT060073	DD	QtrNQ	FTD001	50	51	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				2759	10	2079			3			1475			
FT060074	DD	QtrNQ	FTD001	51	52	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				1450 X	964				3			479			
FT060075	DD	QtrNQ	FTD001	52	53	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				1693 X	1300				9			88			
FT060076	DD	QtrNQ	FTD001	53	54	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				337 X	299			X				3477			
FT060077	DD	QtrNQ	FTD001	54	55	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				297 X	282			X				3759			
FT060078	DD	QtrNQ	FTD001	55	56	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				267 X	184			X				551			
FT060079	DD	QtrNQ	FTD001	56	57	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				310 X	242			X				126			
FT060080	DD	QtrNQ	FTD001	57	58	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				474 X	377			X				71			
FT060081	DD	QtrNQ	FTD002	75	76	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				802 X	657				4			37			
FT060082	DD	QtrNQ	FTD002	76	77	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				1107 X	869			X				55			
FT060083	DD	QtrNQ	FTD002	77	78	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				116 X	89			X				65			
FT060084	DD	QtrNQ	FTD002	78	79	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				128 X	97				4			3155			
FT060085	DD	QtrNQ	FTD002	80	81	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				119 X	81				4			90			
FT060086	DD	QtrNQ	FTD002	81	82	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				X	5			X				51			
FT060087	DD	QtrNQ	FTD004	139	140	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				8 X	8			X				22			
FT060088	DD	QtrNQ	FTD004	140	141	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				70 X	58			X				29			
FT060089	DD	QtrNQ	FTD004	141	142	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				2528 X	1347			X				3592			
FT060090	DD	QtrNQ	FTD004	142	143	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				646 X	368				3			3272			
FT060091	DD	QtrNQ	FTD004	143	144	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				27 X	13			X				38			
FT060092	DD	QtrNQ	FTD004	144	145	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				382 X	205				2			1355			
FT060093	DD	QtrNQ	FTD004	145	146	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				24 X	10				3			27			
FT060094	DD	QtrHQ	FTD011	46	47	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				800 X	580				7			136			
FT060095	DD	QtrHQ	FTD011	47	48	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				2436 X	1807				4			94			
FT060096	DD	QtrHQ	FTD011	48	49	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				1580 X	1101				13			104			
FT060097	DD	QtrHQ	FTD011	49	50	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				958 X	738				4			142			
FT060098	DD	QtrHQ	FTD011	50	51	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				1857 X	1418				9			175			
FT060099	DD	QtrHQ	FTD011	51	52	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				4673 X	3360				10			227			
FT060100	DD	QtrHQ	FTD011	52	53	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				1215 X	860				16			170			
FT060101	DD	QtrHQ	FTD008	87	88	2006/07/12	Genalysis	1170.0/0606132		A/0																	

APPENDIX 8
RE-ASSAY OF SELECTED PREVIOUS HOLES

SampleID	Sample Group	Sample Type	HoleID	Depth From	Depth To	Date	Laboratory	JobCode	MethodAu	Method2	Method3	Method3 Elements	Au	Au-Rp1	Ag	As	Bi	Co	Cu	Mo	Pb	Pb-Rp1	Sb	W	Zn	(all in ppm)
FT060106	DD	QtrHQ	FTD008	92	93	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				2030	X	1653		2					4918	
FT060107	DD	QtrHQ	FTD008	93	94	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				3052	21	2635		3					2745	
FT060108	DD	QtrHQ	FTD008	94	95	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				428	X	261		3					4979	
FT060109	DD	QtrHQ	FTD008	95	96	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				261	X	72		9					110	
FT060001	CHECK	FT060001	FTD006	40	41	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				1956	X	1425		17					16	
FT060026	CHECK	FT060026	FTD005	55	56	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				342	X	251		6					1835	
FT060052	CHECK	FT060052	FTD003	73	74	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				917	X	660		8					121	
FT060077	CHECK	FT060077	FTD001	54	55	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				324	X	282		X					3673	
FT060103	CHECK	FT060103	FTD008	89	90	2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				125	X	96		4					106	
1170.0/06061	CHECK	SARM1				2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				21	X	X		5				X		
1170.0/06061	CHECK	SY-4				2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W			X	X		2		X				X		
1170.0/06061	CHECK	TKC5				2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				630	29	156		54					66	
1170.0/06061	CHECK	TKCLOW-2				2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W				150	X	40		37					27	
1170.0/06061	CHECK	WMG-1				2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W			X	X	181		X					X		
1170.0/06061	CHECK	Control Blank				2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W			X	X	X		X					X		
1170.0/06061	CHECK	Control Blank				2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W			X	X	X		X					X		
1170.0/06061	CHECK	Acid Blank				2006/07/12	Genalysis	1170.0/0606132		A/0ES(1-5)	A/0ES(10)	Bi W			X	X	X		2				X			

APPENDIX IX

Drill Hole Logs

METADATA

Appendix IX

Title Holder:	Greatland Pty Ltd
Tenement:	EL26/2004, EL31/2004
Activity:	Firetower Prospect drill hole logs
FileName:	EL262004_200610_09_appendix.txt
Data Date:	Nov. 2005- Nov. 2006
Data Location:	This File
Datum:	AGD66, AHD
Projection:	UTM Zone 55
Contractor:	Boart Longyear Pty Ltd
Definition of Codes:	see logs

Greatland Pty Ltd

Drill Hole Cover Sheet

Hole **FTD013**

Section No **446000mE**
 Tenement No **EL26/2004**
 Project **Fire Tower**
 Prospect **Fire Tower**

Date **Aug-06**
 Geologist **G. McLean**

Collar Details

Locational Accuracy **+/- 2m**
 AMG Zone **AGD66**
 AMG Easting **446003**
 AMG Northing **5405101**
 AMG Azimuth **10**
 AMG RL **631**

Grid Name
 Grid Easting
 Grid Northing
 Grid Azimuth
 Grid RL

Inclination **-50**
 Total Depth **80.5m**

Drilling Company **Boart Longyear**
 Rig Type **Onram 1000 (diesel pack)**
 Drill Type **diamond** Drill diameter **NQ**
 Start Date **26/07/2006** Finish Date **8/03/2006**

Reason for Drilling **Infil resource drilling. Attempt to define high grade trends.**

Reason for Termination **Traversed target okay.**

Summary **0-19.8m: altered laminated siltstone.(Cggbs). 19.8-25.75m: altered mg-cg vol'genic sst.(Cggmi) 25.75-36.6m: altered laminated siltstone.(Cggbs)
 36.6-52.6m: foliated qtzose tuffaceous cg sst.(Cggmi) 52.6-78.1m: " greywacke" sst and silt interbeds(Cggsi)
 78.1-80.5m: cream, sorted, mg sst (Cggsi)
 kspar-gal-py veinlets to 36m in mst., then k-spar-carbonate- py-cpy-scheelite 36-46m in tuff. Vein qtz 46-52m.
 Abundant scheelite 35-46m. Wolframite speckled in massive sulphides 40-42m.**

Water level

Water Flow **Good return all hole.**

Gear remaining in hole **3m HQ collar casing**

Downhole surveys Survey method **digital multi-shot (corrected for 14 degree mag deviation)**

Depth	Azimuth	Inclination	Depth	Azimuth	Inclination
10	11	-49.3			
80	12.8	-48.1			

Greatland Pty Ltd

Geological Log

Azimuth
Inclination
Total Depth

Drilled By
Drill Type
Drill Date

Logged by

FTD013

Project
Fire Tower
Prospect
AGD88

East
North
RL

Proj. AMG

0.002 0.25 1 4 16
Graphic
Log gransize
Structure

Angle CA

Structure
Logs

weathring
Colour

To
From

Mineralization
Assemblage

Ven Qtz
%

Alteration

Sil. Sec. Py. Coc.

V S P

V S P

Mineralization
Assemblage

% V S P

Au

Py (100f)

tr x

wolframite noted with pyrite
Shear @ 45.5m with 5% py aggregates in shear

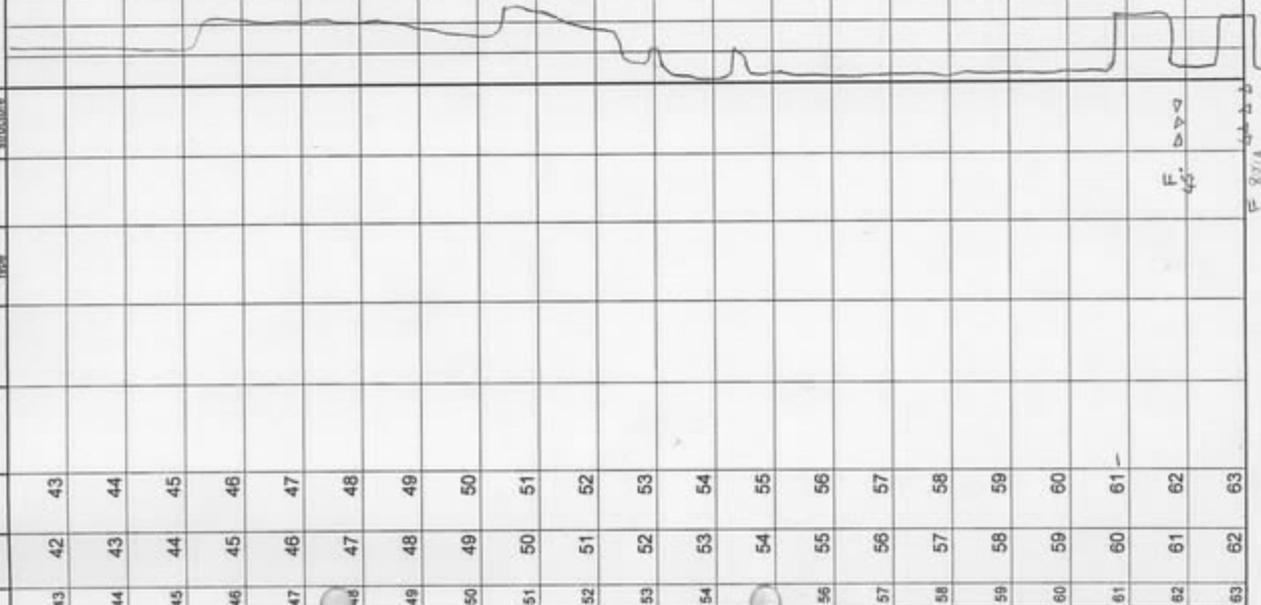
Gradational from above

52.6 - 60.9m Green (aminated, sorted silty
fine sandstones with interbeds of tuffaceous (lithic
coarse "gyneuska" sst and black pyritic vened siltstone.
Grading shows younging up hole
Alc-carbonate vening is very rare (58.7m) as is silphide

Pyrite noted in black siltstone only,

Minor barren shear (sect 12) @ 50 ca @ 59.0m

60.9 - 65.2m Green-grey, bedded coarse-grained volcanogenic
"greywacke" sandstone with minor fine silty sandstone
interbeds. Very markedly vened (pyl-carbonate) with rare
py in wide veins only.



59.0m



GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower Hole FTD013

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
0	1	100	10	SW	WS	M	30		BOCO = 0M
1	2	100	20	SW	WS	M	40		
2	3	100	60	SW	WS	M	35-50		
3	4	100	10	FR	WS	M	35-50		
4	5	100	40	FR	WS	M	45		
5	6	100	35	FR	WS	M	45		
6	7	100	50	SW	WS	M	10-30		
7	8	100	40	SW	WS	M	10		
8	9	100	60	SW	WS	S	15		
9	10	100	50	FR	WS	M	5-15		
10	11	100	75	FR	WS	M	45-0		
11	12	100	75	FR	WS	M	0		
12	13	100	70	FR	WS	M	-10		
13	14	100	90	FR	WS	M	30		
14	15	100	75	FR	WS	S	35		
15	16	100	80	FR	WS	M	20		
16	17	100	100	FR	WS	M	20		
17	18	100	30	FR	WS	M	35		
18	19	100	86	FR	WS	M	30-60		
19	20	100	100	FR	WS	M	60-30		
20	21	100	90	FR	M	M			
21	22	100	55	FR	M	M			
22	23	100	45	FR	M	M	-35		22.55 - 22.65 weathered joint - shear @ 80.CA
23	24	100	50	FR	M	M			23.5m a.a.
24	25	100	100	FR	M	S			
25	26	100	70	SW	M	M			
26	27	100	85	FR	WS	M	20		
27	28	100	100	FR	WS	M	40		
28	29	100	80	FR	WS	M	45		
29	30	100	50	FR	WS	M	45		

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures
HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible
SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries
FR **Fresh rock**

Schistosity Codes

M **Massive**
WS **Weakly Schistose**
MS **Moderately Schistose**
HS **Highly Schistose**

Rock Strength codes

W **Weak**
M **Moderate**
S **Strong**
VS **Very Strong**

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower Hole FTD013
Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
30	31	100	60	FR	WS	M	35		31.4m Ooxidised 3cmShear
31	32	100	50	(FR)	WS	M	30		
32	33	100	20	FR	WS	M	40		
33	34	100	60	FR	WS	M	40		
34	35	100	90	FR	WS	M	30		
35	36	100	70	FR	WS	M	30		
36	37	100	80	FR	WS	M			36.5 - 36.7m Crush
37	38	100	85	FR	WS	S			
38	39	100	88	FR	WS	S	30		
39	40	100	88	FR	WS	S			
40	41	100	95	FR	WS	S			
41	42	100	90	SW	WS	M			
42	43	100	90	SW	WS	M			pt. Oxidised on sulphide
43	44	100	75	FR	WS	S	45		
44	45	100	90	FR	WS	M			BOPO = 45.7m
45	46	100	85	(FR)	WS	M	40		pt. Oxidised on sulphide only
46	47	100	90	FR	WS	M	40		
47	48	100	97	FR	WS	S	35		
48	49	100	95	FR	WS	M	30		
49	50	100	85	FR	WS	M	30		
50	51	100	70	FR	WS	M	35		
51	52	100	78	FR	WS	M	30		
52	53	100	40	FR	MS	M	30		
53	54	100	35	FR	MS	M	35		
54	55	100	44	FR	MS	M	35		
55	56	100	44	FR	WS	M	35		
56	57	100	80	FR	MS	M	40		
57	58	100	55	FR	MS	M	45		
58	59	100	92	FR	WS	S	30		
59	60	100	85	FR	WS	M	40		

Weathering Codes

EW	Extremely weathered Mottled, no remnant textures	MW	Moderately weathered remnant textures present, some mineral grain boundaries are discernible
HW	Highly weathered Mottled clays, remnant textures may be present	SW	Slightly weathered oxidation on joints & fractures; some minor pervasive weathering on grain boundaries
		FR	Fresh rock

Schistosity Codes

M	Massive
WS	Weakly Schistose
MS	Moderately Schistose
HS	Highly Schistose

Rock Strength codes

W	Weak
M	Moderate
S	Strong
VS	Very Strong

Logged by: G. McLean

Date: 03/08/06

Greatland Pty Ltd

Drill Hole Cover Sheet

Hole	FTD014	Date	Aug-06
Section No	446000mE	Geologist	G. McLean
Tenement No	EL26/2004		
Project	Fire Tower		
Prospect	Fire Tower		

Collar Details

Locational Accuracy	+/- 2m	Grid Name	
AMG Zone	AGD66	Grid Easting	
AMG Easting	446000	Grid Northing	23m slope distance N of FTD013
AMG Northing	5405121	Grid Azimuth	
AMG Azimuth	10	Grid RL	
AMG RL	640		

Inclination	-50
Total Depth	55.5m

Drilling Company	Boart Longyear		
Rig Type	Onram 1000 (diesel pack)		
Drill Type	diamond	Drill diameter	NQ
Start Date	8/04/2006	Finish Date	8/08/2006

Reason for Drilling	Infil resource drilling. Attempt to define high grade trends.				
Reason for Termination	Traversed target okay.				
Summary	<p>0-10.0m: laminated siltstone. 10.0-19.8m: mg mod sorted, flattened lithic vol/genic sst.</p> <p>19.8-25.7m: laminated mudstone. 25.7-33.4m: f.g sst</p> <p>33.4-48.7m: Matrix supported, rhyodacitic cobble conglomerate (Cggsi); 48.7-55.5m Polymict, (flattened), pebble breccia (Cggci)</p> <p>minor py-scheelite veining @45CA eg 10-18m; 32-39m</p>				
Water level					
Water Flow	Nil return all hole after 3m.				
Gear remaining in hole	2.5m HQ collar casing				
Downhole surveys	Survey method	Reflex Instrument digital multi-shot (corrected for 14 degree mag deviation)			

Depth	Azimuth	Inclination	Depth	Azimuth	Inclination
55	10	-49.2			

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD014

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
0	1	100	10	MW	WS	W	30		BOCO = 0.5m
1	2	100	75	SW	WS	W	30		
2	3	70	15	SW	WS	W	?		
3	4	90	0	MW	WS	M	?		
4	5	100	0	SW	WS	M	55		
5	6	100	14	SW	WS	M	?		
6	7	100	0	SW	WS	M	?		
7	8	80	0	SW	WS	M	?		
8	9	100	80	SW	WS	M	?		
9	10	100	40	FR	WS	M	35		
10	11	100	55	FR	WS	S	50		
11	12	100	42	SW	WS	M			
12	13	100	70	SW	WS	S			
13	14	100	30	SW	WS	S	~45		
14	15	100	95	FR	WS	S	~45		
15	16	100	45	FR	WS	S	50		
16	17	100	98	FR	WS	S	?		
17	18	100	82	SW	WS	S	60		
18	19	100	94	FR	WS	S	45		
19	20	100	100	FR	WS	S	45		
20	21	100	90	FR	MS	M	60		
21	22	100	0	SW	MS	M	55		
22	23	100	25	SW	MS	M	60		
23	24	100	20	SW	MS	M	55		
24	25	100	0	SW	HS	M	50		
25	26	100	10	SW	MS	M	50		
26	27	100	50	SW	WS	M	30		
27	28	100	50	SW	WS	S	25		
28	29	100	60	FR	WS	S	30		
29	30	100	50	FR	WS	S	40		

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures

HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**

WS **Weakly Schistose**

MS **Moderately Schistose**

HS **Highly Schistose**

Rock Strength codes

W **Weak**

M **Moderate**

S **Strong**

VS **Very Strong**

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower
Prospect Fire Tower

Hole FTD014

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
30	31	100	60	FR	WS	S	30		fold @32.6m
31	32	100	40	FR	WS	S	25		
32	33	100	50	FR	WS	S	60		
33	34	100	48	(FR)	WS	M	?		
34	35	100	44	FR	WS	M	60		
35	36	100	45	(FR)	WS	S	60		
36	37	100	60	(FR)	WS	M	?		
37	38	100	65	(FR)	WS	S	55		
38	39	100	60	FR	WS	S	?		
39	40	100	70	FR	WS	S	?		
40	41	100	70	(FR)	WS	S	?		
41	42	100	90	FR	WS	VS	60?		
42	43	100	85	FR	WS	VS			
43	44	100	60	FR	WS	S	60		
44	45	100	76	FR	WS	S	?		
45	46	100	100	FR	WS	S	?		
46	47	100	50	(FR)	WS	S	?		
47	48	100	50	(FR)	WS	S	60?		
48	49	100	65	(FR)	WS	M			
49	50	100	10	(FR)	WS	M			
50	51	100	35	FR	WS	M			BOPO ≥ 50m sulphide weathering
51	52	100	22	FR	WS	M	55		
52	53	84	10	FR	WS	M	55		
53	54	100	27	FR	WS	M	50		
54	55	100	35	FR	WS	M	50		
55	55.5	100	100	FR	WS	M	50		

Weathering Codes

EW **Extremely weathered**

Mottled, no remnant textures

HW **Highly weathered**

Mottled clays, remnant textures may be present

MW **Moderately weathered**

remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**

oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**

WS **Weakly Schistose**

MS **Moderately Schistose**

HS **Highly Schistose**

Rock Strength codes

W **Weak**

M **Moderate**

S **Strong**

VS **Very Strong**

Logged by: G. McLean

Date: 09/08/2006

Greatland Pty Ltd

Drill Hole Cover Sheet

Hole	FTD015	Date	Aug-06
Section No	446000mE	Geologist	G. McLean
Tenement No	EL26/2004		
Project	Fire Tower		
Prospect	Fire Tower		

Collar Details

Locational Accuracy	+/- 2m	Grid Name	
AMG Zone	AGD66	Grid Easting	
AMG Easting	446000	Grid Northing	24m slope distance N of FTD013
AMG Northing	5405122	Grid Azimuth	
AMG Azimuth	10	Grid RL	
AMG RL	640		
Inclination	-30		
Total Depth	36.5m		

Drilling Company	Boart Longyear		
Rig Type	Onram 1000 (diesel pack)		
Drill Type	diamond	Drill diameter	NQ
Start Date	8/09/2006	Finish Date	8/10/2006

Reason for Drilling	Infil resource drilling. Attempt to define high grade trends. Design changed to save pad move. Collar of FTD014 was 1-2 m N of design also.	
Reason for Termination	Traversed target okay.	
Summary	<p>0-7.6m: weathered laminated siltstone. 7.6-13.9m: mg mod sorted, foliated lithic vol'genic sst (mod. Alteration).</p> <p>13.9-17.7m: laminated siltstone. 17.7-21.7m mg. bedded sst; 21.7-23.5m finely laminated oscillatory zst-mst</p> <p>23.5-36.5m: mg. sorted sst grading down to immature, sparse pebble lithic 'greywacke' sst (Cggsi)</p> <p>most pyrite veining @45CA from 5-13m only. Nil scheelite. Barren oxidised Py? Veins @0-10CA 32-36.5m</p>	
Water level		
Water Flow	Nil return all hole after 3m.	
Gear remaining in hole	1.5m HQ collar casing	
Downhole surveys	Survey method	Reflex Instrument digital multi-shot (corrected for 14 degree mag deviation)

Depth	Azimuth	Inclination	Depth	Azimuth	Inclination
36	9.4	-27.8			

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD015

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
0	1	55	0	MW	WS	M	10		BOCO = 1.0m
1	2	100	45	MW	WS	M	10-30		
2	3	100	10	MW	WS	M	35		
3	4	100	0	MW	WS	M	45		
4	5	100	30	SW	WS	M	45		4.9 - 5.0m cemented crush
5	6	70	10	MW	WS	M	50		
6	7	100	25	MW	WS	M	?		6.5 crush? Cemented
7	8	100	50	SW	WS	M	35		
8	9	100	92	SW	WS	M	?		
9	10	100	88	SW	(WS)	S	?		
10	11	100	60	SW	(WS)	S	60		
11	12	100	86	FR	(WS)	S	60		
12	13	100	94	FR	(WS)	VS	70		
13	14	100	40	FR	(WS)	M	60		
14	15	100	20	SW	MS	M	50		
15	16	100	0	SW	MS	W	?		
16	17	100	13	(FR)	WS	M	60		16.2 - 16.4m fault pug
17	18	100	15	(FR)	MS	M	65		
18	19	100	55	(FR)	WS	M	65		
19	20	100	12	SW	(WS)	M	70		
20	21	100	15	SW	(WS)	M	?		
21	22	100	26	SW	WS	M	50		
22	23	100	32	SW	MS	M	84		
23	24	60	0	SW	WS	M	70		
24	25	100	20	SW	WS	M	80		23-23.6m Rubbly
25	26	100	70	FR	WS	M	70		
26	27	100	15	SW	WS	M	60		26.5m crush
27	28	100	44	SW	WS	M	?		
28	29	100	48	(FR)	WS	M	?		
29	30	100	20	(FR)	WS	M	70?		

Weathering Codes

EW **Extremely weathered**

Mottled, no remnant textures

HW **Highly weathered**

Mottled clays, remnant textures may be present

MW **Moderately weathered**

remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**

oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**

WS **Weakly Schistose**

MS **Moderately Schistose**

HS **Highly Schistose**

Rock Strength codes

W **Weak**

M **Moderate**

S **Strong**

VS **Very Strong**

Logged by: G. McLean

Date: 14/08/06

Page of

Greatland Pty Ltd

Drill Hole Cover Sheet

Hole	FTD016	Date	Aug-06
Section No	446025mE	Geologist	G. McLean
Tenement No	EL26/2004		
Project	Fire Tower		
Prospect	Fire Tower		

Collar Details

Locational Accuracy	+/- 3m	Grid Name	
AMG Zone	AGD66	Grid Easting	
AMG Easting	446026	Grid Northing	25m slope distance N of FTD006
AMG Northing	5405100	Grid Azimuth	
AMG Azimuth	31	Grid RL	
AMG RL	636		

Inclination	-50
Total Depth	73.5m

Drilling Company	Boart Longyear		
Rig Type	Onram 1000 (diesel pack)		
Drill Type	diamond	Drill diameter	NQ
Start Date	8/11/2006	Finish Date	18/8/2006

Reason for Drilling	Infil resource drilling. Attempt to define high grade trends. Azimuth set at 030AMG to maximise coverage and be optimum orientation to vein sets?		
Reason for Termination	Traversed target okay.		
Summary	<p>0-7.0m: Vol'genic mg. sst.. 7.0-19.2m: laminated vfg. sst-zst. 19.2-34.0m: vol'genic fg. Sst. (0-34 Cggt?)</p> <p>34.0-45.2m: foliated Vol'genic lithic bx (Cggmi). 45.3-49.3m vfg. vol'genic sst. 49.3-63.6m: laminated vfg. Sst (Cggbs)</p> <p>63.6-73.3m: mg. "greywacke" sst, lesser siltstone (Cggsi)</p> <p>Galena(-py) in siltstone near contacts 7.0 & 19.2m, py-scheelite 24-32m, py-scheelite 49-61m. Weak alteration, decreasing down hole.</p>		
Water level			
Water Flow	Nil return (variable) all hole after 8m.		
Gear remaining in hole	1.5m HQ collar casing		
Downhole surveys	Survey method	Reflex Instrument digital multi-shot	

Depth	Azimuth	Inclination	Depth	Azimuth	Inclination
73	31.1	-48.2			

Greatland Pty Ltd										
Geological Log										
HoleID	FTD	Project	Fire Tower	East	Azimuth	Drilled By	massive	hatch	logged by	
Prospect	AGD66	Fire Tower	North	RL	Inclination	Drill Type	pervasive	stipple	disseminated	
Grid	AMG	AGD66	RL	Proj.	Total Depth	Drill Date	narrow vein	swiggle		
row	From	To	Colour	Structure	Description	Alteration	Mineralization	Vein Qtz	%	
			Weathering	Type 1		Ser	Py	Co3	W	
			Structure	Type 2		V	S	P	V	
			Angle CA			S	P		S	
			Graphic	Log grain size		P			P	
			0.062	0.25	1	4	16		Au	
			structure							
22	21	22			19.2 - 34.0m Grey, green, fig. qtz-felds volcanic-geic, poorly bedded - massive sandstone					
23	22	23			with abundant crack-seal carbonate - only veining at 450CA and smaller dipping at 250CA					
24	23	24			Weak patchy silica flooding but common spidery carbonate networking in matrix					
25	24	25			Rare carbonate - schistite veins 20-23m and 27-32m. Possible weak sericite thruout					
26	25	26								
27	26	27								
28	27	28			24.5-29.2m contains common zones of oxidation focused on veining @ 45-60.0CA - at least some are sub-vertical (by ACE core orientations). Pyrite veins are FKESIT after 29m as spaced pyrite-only veins @ 45.0CA with NIL selvage alteration.					
29	28	29								
30	29	30								
31	30	31			4cm wide py-schistite vein @ 31.9m					
32	31	32								
33	32	33			Contact is a brittle-ductile shear 0.5m wide @ 45.0CA, (mainly a textural change below) but more foliated.					
34	33	34								
35	34	35			34.0-45.3m cream-green, flattened foliated, sericite altered myoblastic tuff pebble lithic breccia similar provenance to above					
36	35	36								
37	36	37			Only very rare replacement of veining, not much fractures, consistent foliation - CA @ 25-30CA					
38	37	38								
39	38	39								
40	39	40			Lower contact is gradational (rapid)					
41	40	41								
42	41	42								

2m @ 1.84

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower
Prospect Fire Tower

Hole FTD016

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
0	1	20	0	MW	WS	W	?		
1	2	35	0	MW	WS	W	?		
2	3	0	0	MW	WS	W	?		
3	4	65	0	SW	WS	W	?		
4	5	46	0	FR	WS	M	30?		
5	6	100	46	FR	WS	M	?		
6	7	100	16	FR	WS	M			
7	8	55	0	SW	WS	M	30		
8	9	100	52	FR	WS	M	10-20		
9	10	100	25	FR	WS	M	35		
10	11	100	26	FR	WS	M	40-70		
11	12	100	13	FR	WS	M	60		
12	13	100	12	FR	WS	M	60		
13	14	100	33	FR	WS	M	30		
14	15	100	27	FR	WS	M	40-10		
15	16	100	30	FR	WS	M	40-11		
16	17	100	55	FR	WS	M	25-40		
17	18	100	55	FR	WS	M	30		
18	19	100	12	MW	M	M			
19	20	100	34	SW	M	M			
20	21	100	52	FR	M	S			
21	22	100	80	FR	M	M			
22	23	100	65	FR	M	M			
23	24	100	75	FR	M	M			@24m Joint Shear, @60 CA
24	25	75	10	SW	M	M			
25	26	100	38	SW	M	M			
26	27	100	57	(FR)	M	M			
27	28	100	85	FR	M	M	50?		
28	29	100	52	FR	M	S	50?		
29	30	100	60	FR	WS	S	30		

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures

HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**
WS **Weakly Schistose**
MS **Moderately Schistose**
HS **Highly Schistose**

Rock Strength codes

W **Weak**
M **Moderate**
S **Strong**
VS **Very Strong**

Logged by: G. McLean

Date: 17/08/2006

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD016

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
30	31	100	92	FR	M	M	70?		BOPO = 29.5m or 50m (joint only)
31	32	100	88	FR	M	S			
32	33	100	65	FR	M	M			
33	34	100	30	FR	WS	M	50		
34	35	100	0	FR	WS	W	50		
35	36	100	18	FR	WS	W	55		
36	37	100	10	FR	WS	M	?		
37	38	100	20	FR	WS	M	40-20		
38	39	100	85	FR	WS	M	40		
39	40	100	88	FR	WS	M	35		
40	41	60	30	FR	WS	M	30		
41	42	100	20	FR	WS	M	25		
42	43	100	20	FR	WS	M	25		
43	44	100	12	FR	WS	M	25		
44	45	100	40	FR	WS	M	30		
45	46	100	80	FR	MS	S	30		
46	47	100	25	FR	MS	S	30		
47	48	100	0	(FR)	MS	M	25		
48	49	100	45	(FR)	MS	M	25		
49	50	100	22	(FR)	WS	M	20		
50	51	70	0	FR	WS	M	20		
51	52	100	65	FR	WS	M	30		
52	53	100	85	FR	WS	M	30-40		
53	54	100	90	FR	WS	M	40-50		
54	55	100	90	FR	WS	M	40		
55	56	100	85	FR	WS	M	40-25		
56	57	100	60	FR	WS	M	25-40		
57	58	100	80	FR	WS	M	40		
58	59	100	100	FR	WS	M	40		
59	60	100	90	FR	WS	S	45		

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures

HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**

WS **Weakly Schistose**

MS **Moderately Schistose**

HS **Highly Schistose**

Rock Strength codes

W **Weak**

M **Moderate**

S **Strong**

VS **Very Strong**

Logged by:

Date:

Page of

Greatland Pty Ltd

Drill Hole Cover Sheet

Hole	FTD017	Date	Aug-06
Section No	446025mE	Geologist	G. McLean
Tenement No	EL26/2004		
Project	Fire Tower		
Prospect	Fire Tower		

Collar Details

Locational Accuracy	+/- 3m	Grid Name	
AMG Zone	AGD66	Grid Easting	
AMG Easting	446025	Grid Northing	25m slope distance N of FTD006
AMG Northing	5405101	Grid Azimuth	
AMG Azimuth	3	Grid RL	
AMG RL	636		

Inclination	-30
Total Depth	60.8m

Drilling Company	Boart Longyear		
Rig Type	Onram 1000 (diesel pack)		
Drill Type	diamond	Drill diameter	NQ
Start Date	18/8/2006	Finish Date	22/8/2006

Reason for Drilling	Infil resource drilling. Attempt to define high grade trends. Same pad as FTD016		
Reason for Termination	Traversed target okay.		
Summary	0-3.8m: Vol'genic cg. sst..3.8-17.6m: laminated vfg. sst. Carbonate abundant at base 17.6-26.45m: vol'genic qtz-lithic fg. Sst. (0-26.45 Cggt?) 26.4-30.3m:Black laminated mst (Cggs). 30.3-37.85m Graded Bouma seq.Vol'genic sst.(Cgmi?) 37.85-46.0m: laminated mst, lesser vfg. Sst (Cggs). 46.0-53.0m. Well sorted mg. sst. 53.0-59.0m: mg. "greywacke" sst/debris flow (Cggsi). 59.0-60.8m: Polmict, foliation flattening cgl/sst (Cggci?) Gal-py(cpy) near 7.25 & 14m, py-scheelite 21-23m, py-scheelite 43.3m. Weak alteration, decreasing down hole, except 42-47m.		
Water level			
Water Flow	Nil return (variable) all hole after 8m.		
Gear remaining in hole	1.5m HQ collar casing		
Downhole surveys	Survey method	Reflex Instrument digital multi-shot (corrected for 14 degree mag deviation)	

Depth	Azimuth	Inclination	Depth	Azimuth	Inclination
60.5	1.8	-28			

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower
Prospect Fire Tower

Hole FTD017

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
0	1	52	0	MW	M	M	?		BOCO < 0.5m
1	2	100	25	MW	M	M	?		
2	3	30	0	SW	M	M	?		
3	4	100	18	MW	M	M	?		
4	5	100	80	(FR)	M	S	?		
5	6	100	35	FR	M	S	?		
6	7	75	12	FR	WS	S	10		
7	8	100	85	FR	WS	S	20-40		
8	9	100	88	FR	WS	S	45		
9	10	74	10	FR	WS	M	45		
10	11	80	10	FR	WS	M	40-20		
11	12	65	0	SW	WS	M	15		BOPO=12
12	13	100	12	SW	WS	M	20-30		
13	14	100	16	SW	WS	M	30		
14	15	100	45	FR	WS	M	?		
15	16	80	0	MW	WS	W	?		
16	17	100	30	MW	WS	M	?		
17	18	100	0	SW	WS	W	30?		
18	19	100	0	SW	WS	M	?		
19	20	100	50	(FR)	WS	S	30?		
20	21	100	40	SW	WS	M	30		
21	22	100	25	SW	WS	M	?		
22	23	100	15	SW	WS	M	?		
23	24	100	10	SW	WS	M	?		
24	25	100	50	SW	WS	M	?		
25	26	100	15	SW	WS	M	60		
26	27	100	20	(FR)	WS	M	55		
27	28	100	0	(FR)	MS	M	55		
28	29	100	0	(FR)	MS	M	50		
29	30	100	0	(FR)	MS	M	45		

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures
HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible
SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries
FR **Fresh rock**

Schistosity Codes

M **Massive**
WS **Weakly Schistose**
MS **Moderately Schistose**
HS **Highly Schistose**

Rock Strength codes

W **Weak**
M **Moderate**
S **Strong**
VS **Very Strong**

Logged by: G. McLean

Date:

Page of

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower
Prospect Fire Tower

Hole FTD017

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
30	31	100	86	SW	WS	M	60		
31	32	100	85	SW	WS	M	?		
32	33	100	15	MW	WS	M	60		
33	34	100	20	SW	WS	M	60		
34	35	100	35	SW	WS	M	50		
35	36	100	40	SW	WS	M	60		
36	37	100	33	(FR)	WS	M	60		
37	38	100	0	SW	WS	M	50		
38	39	100	30	SW	WS	M	55		
39	40	100	60	FR	WS	M	60		
40	41	100	42	FR	WS	M	60		
41	42	100	40	FR	WS	M	55		
42	43	100	60	FR	WS	M	55		
43	44	100	90	FR	WS	M	55		
44	45	100	12	MW	WS	W	60		
45	46	100	10	MW	WS	M	65	5	
46	47	100	0	FR	WS	M	60		
47	48	100	25	(FR)	WS	M	50		
48	49	100	53	FR	WS	M	50		
49	50	100	22	FR	WS	M	50		
50	51	100	40	FR	WS	M	55		
51	52	100	0	(FR)	WS	M	50		
52	53	30	0	(FR)	WS	M	45) 1.3m cave reported
53	54	70	12	SW	WS	M	45) by driller
54	55	100	36	SW	WS	M	?		
55	56	100	92	FR	M	M	?		
56	57	100	40	SW	M	M	?		
57	58	100	0	SW	M	M	?		
58	59	100	0	(FR)	M	M	?		
59	60	10	10	(FR)	WS	M	50		BOPO > 60.8m
60	60.8	100	10	(FR)	WS	M	45		

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures
HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible
SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries
FR **Fresh rock**

Schistosity Codes

M **Massive**
WS **Weakly Schistose**
MS **Moderately Schistose**
HS **Highly Schistose**

Rock Strength codes

W **Weak**
M **Moderate**
S **Strong**
VS **Very Strong**

Logged by: G. McLean

Date: 31/08/06

Greatland Pty Ltd

Drill Hole Cover Sheet

Hole	FTD018	Date	Aug-06
Section No	446100mE	Geologist	G. McLean
Tenement No	EL26/2004		
Project	Fire Tower		
Prospect	Fire Tower		

Collar Details

Locational Accuracy	+/- 3m	Grid Name	
AMG Zone	AGD66	Grid Easting	
AMG Easting	446104	Grid Northing	35m slope distance N of FTD009 @ 174M
AMG Northing	5405084	Grid Azimuth	
AMG Azimuth	1	Grid RL	
AMG RL	640		

Inclination	-50
Total Depth	70.2m

Drilling Company	Boart Longyear		
Rig Type	Onram 1000 (diesel pack)		
Drill Type	diamond	Drill diameter	NQ
Start Date	23/08/2006	Finish Date	31/08/2006

Reason for Drilling	Confirm grades of FTD009 and establish trends
Reason for Termination	Traversed target okay, extended into "footwall" rocks. Hole lifts anomalously (difficult ground)
Summary	0-28.3m: Vol'genic fg-mg. sst, fining to base.Sericite-carbonate altered. 28.3-38.5m: Laminated siltstone-mudstone. (Cggsb) 38.5-50.65m: turbidite cg. "greywacke" sandstone and laminated (pyritic) mudstone, younging down hole (Cggsi). 50.65-55.7m: f.g sst, minor siltstone, weak silicification. 55.7-70.2m: Foliated, rhyodacitic pebble greywacke conglomerate (Cggci) BOPO=12m cf. >60m in previous holes. Rubbly, low recovery, 0-8m is altered sulphidic, weakens rapidly down hole. Open folds.
Water level	>>60m
Water Flow	Nil return (variable) all hole. Rapid loss about 60m - wiped bit.
Gear remaining in hole	1.5m HQ collar casing
Downhole surveys	Survey method Reflex Instrument digital multi-shot (corrected for 14 degree mag deviation)

Depth	Azimuth	Inclination	Depth	Azimuth	Inclination
70	0	-41.4			
70	1	-41.4			

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD018

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
0	1	0	0	MW	M	W			BOCO=1
1	2	70	10	SW	M	W	50?		
2	3	70	0	SW	M	M	?		
3	4	90	0	SW	M	M	?		
4	5	25	0	SW	M	M	?		
5	6	75	0	MW	WS	W	40?		
6	7	30	0	MW	WS	W	50?		
7	8	25	0	MW	WS	W	?		
8	9	100	0	SW	WS	W	"30-0		
9	10	70	12	SW	WS	M	5		
10	11	100	0	SW	WS	W	10?		
11	12	60	0	SW	WS	W	?		BOPO=12
12	13	35	0	FR	WS	W	5		
13	14	80	0	FR	WS	W	5		
14	15	100	14	FR	WS	W	5		
15	16	100	17	FR	WS	M	5		
16	17	0	0	FR	WS	M	5		
17	18	100	45	FR	WS	M	40		
18	19	100	85	FR	WS	M	50		
19	20	100	63	FR	WS	M	60		
20	21	100	45	FR	WS	M	50		
21	22	100	40	FR	WS	M	60		
22	23	100	70	FR	WS	M	50		
23	24	100	50	FR	WS	M	50-20		
24	25	100	15	FR	WS	M	20		
25	26	100	40	FR	WS	M	5-15		
26	27	100	30	FR	WS	M	10-20		
27	28	100	40	FR	WS	M	45		
28	29	100	12	FR	WS	M	40-10		
29	30	100		FR	WS	M	10		

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures

HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**

WS **Weakly Schistose**

MS **Moderately Schistose**

HS **Highly Schistose**

Rock Strength codes

W **Weak**

M **Moderate**

S **Strong**

VS **Very Strong**

Logged by:

Date:

Page of

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD018

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
30	31	100	0	FR	WS	M	10		
31	32	100	43	FR	WS	M	50		
32	33	100	20	FR	WS	M	50-20		
33	34	100	55	FR	WS	M	20-40		
34	35	100	40	FR	WS	M	45		
35	36	100	35	FR	WS	M	50		
36	37	100	60	FR	WS	M	60		
37	38	100	52	FR	WS	M	65		
38	39	100	48	FR	WS	M	70		
39	40	100	26	FR	WS	M	70-30		
40	41	100	90	FR	WS	M	30		
41	42	100	92	FR	WS	M	?		
42	43	100	10	FR	WS	M	25		
43	44	100	90	FR	WS	M	40		
44	45	100	12	FR	WS	M	40		
45	46	100	30	FR	WS	M	30 --	5	
46	47	100	10	FR	WS	M	10		
47	48	100	20	FR	WS	M	10-50		
48	49	100	80	FR	WS	M	---		
49	50	100	75	FR	WS	M	50?		
50	51	100	10	FR	WS	M	50		
51	52	100	33	FR	WS	M	50		
52	53	100	42	FR	WS	M	50		
53	54	100	20	FR	WS	M	50		
54	55	100	0	FR	WS	M	45		
55	56	100	10	FR	WS	M	45		
56	57	100	10	FR	WS	M	45		Ductile Shear @45° CA
57	58	100	15	FR	WS	S	45		
58	59	100	12	(FR)	WS	M	?		
59	60	100	0	FR	WS	W			

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures

HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**

WS **Weakly Schistose**

MS **Moderately Schistose**

HS **Highly Schistose**

Rock Strength codes

W **Weak**

M **Moderate**

S **Strong**

VS **Very Strong**

Logged by: G. McLean

Date: 31/08/06

Greatland Pty Ltd

Drill Hole Cover Sheet

Hole	FTD019	Date	Sep-06
Section No	445850mE	Geologist	G. McLean
Tenement No	EL26/2004		
Project	Fire Tower		
Prospect	Fire Tower		

Collar Details

Locational Accuracy	+/- 3m	Grid Name	
AMG Zone	AGD66	Grid Easting	
AMG Easting	445855	Grid Northing	24m slope distance S of FTD011
AMG Northing	5405015	Grid Azimuth	
AMG Azimuth	34	Grid RL	
AMG RL	536		
Inclination	-50		
Total Depth	124.1m		

Drilling Company	Boart Longyear		
Rig Type	Onram 1000 (diesel pack)		
Drill Type	diamond	Drill diameter	NQ
Start Date	1/09/2006	Finish Date	18/09/2006

Reason for Drilling	Infill drilling, on optimum azimuth to intersect veining
Reason for Termination	Traversed target okay, hole deepened from design 100m due to sulphide intersected to 100m.

Summary
 0-3.5m scree. 3.5-39.5m: Increasingly sericite and tuffaceous altered, f.g. lithic sandstone. 39.5-50.0m: sericitic siltstone and vol'clastic quartz s
 50.0-68.6m: Kspar-siderite altered vol'clastic sandstone. 68.6-72m: black mudstone/siltstone. 72-75m fault/core loss. 75-98.35m: altered quartz
 98.35-101.6m: quartzite with minor sericitic altered, sulphide veined quartz porphyry dykes. 101.6-109.9m: altered quartzite.
 109.9-117.7m: unaltered f.g sandstone and laminated pyritic siltstone. 117.7-124.1m: f.g lithic (tuffaceous) sandstone/siltstone.
 BOCO=BOPO sharp at 6.5m. Quartzite is a new unit in drill holes. Sequence mostly massive to poorly bedded, very acute to drill hole. Dykes sti
 20-50m: thin py-gal?-sph veinlets. 58-65m: Scheelite veins (and only trace pyrite). 80-108m: py-cpy(scheelite) veins, incl. 97.6-97.8m @15%.

Water level	
Water Flow	Nil return all hole. Possibly making some water after 40m.
Gear remaining in hole	5m HQ collar casing. Difficult to collar through 3m of scree.

Downhole surveys	Survey method	Reflex Instrument digital multi-shot (corrected for 14 degree mag deviation)
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Depth	Azimuth	Inclination	Depth	Azimuth	Inclination
20	34	-48.4			
124	34.8	-44.7			

Greatland Pty Ltd

Geological Log										Logged by		massive											
Project Fire Tower East 445855										Boart Longyear		hatch		pervasive									
Prospect Fire Tower North 5405015										NQ2 Diamond		hatch		disseminated									
Grid AGD66										Total Depth : 124.1m		It stipple		narrow vein									
Proj: AMG										Drill Date													
										Alteration					Mineralization								
From	To	Colour Weathering	Structure type 1	Structure type 2	Angle CA	Graphic structure	Log grain size	Description		Sil.	Ser.	Py	CO3	W	K-spar	Vein Qtz %	Mineralization Assemblage			%	V	S	P
66	67			65.7-68.6m																			
67	68								contact not recovered														
68	69								68.6-72.1m: Black, scaly clay (siliceous chlorite?) siltstone and lesser														
69	70								fine grained black sandstone. Rarely carbonate spider-veined.														
70	71								Includes 71.6-71.9m as sericite altered fault pug.														
71	72																						
72	73								72.1-73.0m: Sheared, silicic, sericitic "quartzite" (see below), and fault pug														
73	74			100% core loss 73-74m																			
74	75			core loss																			
75	76			74.6-75.3m					75.3-97.6m: Pinkish, silicified, patchy K-spar(?) flooded, feldspar														
76	77								alteration flecked, fine grained, uniformly altered siltstone(?) - now														
77	78								resembling a meta-quartzite.														
78	79																						
79	80																						
80	81																						
81	82								Includes 81.9-82.2m and 83.6m as patches of grass green sericite matrixed,														
82	83								3-4mm diameter quartz porphyry dyke(?) Quartz 50% by volume.								1	cpy py		tr	x		
83	84								contains the only significant sulphide of this unit as trace pyrite-chalcopyrite								1	cpy py		tr	x		
84	85								acute to CA with unusual grey siliceous alteration/reaction halo 81.7-83.3m								py		tr	x			
85	86																						
86	87																						
87	88																						
88	89																						
89	90								otherwise the unit is barren of sulphide except as thin veinlets sourced														
90	91								from unit below, veins acute to CA.														
91	92																						
92	93																						
93	94																	(py)		tr	x		
94	95																	(py)		tr	x		
95	96			bdg?		30																	
96	97					30?												(py)		tr	x		
97	98								97.6-98.35m: Same "quartzite" as above but grey from alteration of unit below. Includes 97.6-97.8m as 15% py, 5% cpy, 10% galena as scheelite bearing replacement vein.									cpy py				3	x
98	99								98.35-98.65m: Pink-green, sheared (due to high sericite content), quartz porphyry dyke(?). Contact vague, acute to CA. 1%vein py-gal. Dykes may be unusual sst bands.									py asp		tr	x		

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD019

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
0	1	0	--	--	--	--	--		Scree
1	2	0	--	--	--	--	--		Scree
2	3	0	--	--	--	--	--		Scree
3	4	20	0	MW	WS	M	--		
4	5	50	0	MW	WS	M	--		
5	6	60	0	MW	WS	M	--		
6	7	100	0	MW	WS	M	60		BOCO = BOPO = 6.5m
7	8	100	22	FR	WS	M	60		Sheared thru'-out
8	9	100	0	FR	WS	M	65		Sheared thru'-out
9	10	100	18	FR	WS	M	65		Sheared thru'-out
10	11	100	40	FR	WS	M	?		Sheared thru'-out
11	12	100	24	FR	WS	W	?		Sheared thru'-out
12	13	100	50	FR	WS	M	65		Sheared thru'-out
13	14	100	45	FR	WS	M	?		Sheared thru'-out
14	15	100	28	FR	WS	W	?		Sheared thru'-out
15	16	100	10	FR	WS	M	?		Sheared thru'-out
16	17	100	52	FR	WS	M	60?		Sheared thru'-out
17	18	100	10	FR	WS	M	60?		Sheared thru'-out
18	19	100	10	FR	WS	M	?		Sheared thru'-out
19	20	100	30	FR	WS	M	?		Sheared thru'-out
20	21	100	45	FR	WS	M	65		Sheared thru'-out
21	22	100	36	FR	WS	M	65		Sheared thru'-out
22	23	100	72	FR	WS	M	?		Sheared thru'-out
23	24	100	15	FR	WS	M	?		Sheared thru'-out
24	25	100	35	FR	WS	M	?		24.8 - 25.3m pug & shear zone
25	26	100	14	FR	WS	M	?		Sheared thru'-out
26	27	100	34	FR	WS	M	40?		Sheared thru'-out
27	28	100	25	FR	WS	M	?		Sheared thru'-out
28	29	100	46	FR	WS	M	?		Sheared thru'-out
29	30	100	55	FR	WS	M	?		Sheared thru'-out

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures

HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**

WS **Weakly Schistose**

MS **Moderately Schistose**

HS **Highly Schistose**

Rock Strength codes

W **Weak**

M **Moderate**

S **Strong**

VS **Very Strong**

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD019

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
30	31	100	100	FR	M	M	--		
31	32	100	60	FR	M	M	--		
32	33	100	52	FR	M	M	50?		
33	34	100	22	FR	M	M	--		
34	35	100	23	FR	M	M	50?		
35	36	100	22	FR	M	M	60?		Bedding?
36	37	100	90	FR	WS	M	--		Bedding?
37	38	100	54	FR	M	M	--		
38	39	100	66	FR	M	M	45?		
39	40	100	60	FR	WS	M	20		
40	41	100	50	FR	WS	S	45		Bedding?
41	42	100	75	FR	WS	S	45		Bedding laminations
42	43	100	57	FR	WS	S	45		
43	44	100	75	FR	WS	S	?		
44	45	100	84	FR	WS	S	45?		
45	46	100	45	FR	WS	M	40?	5	
46	47	100	34	FR	WS	M	35?		
47	48	100	50	FR	WS	S	?		Foliation?
48	49	100	30	FR	WS	M	40?		
49	50	100	60	FR	WS	S	--		Foliation?
50	51	100	37	FR	M	S	--		
51	52	100	48	FR	M	S	--		
52	53	100	97	FR	M	S	--		
53	54	100	90	FR	M	S	--		
54	55	100	100	FR	M	S	--		
55	56	100	90	FR	M	S	--		
56	57	100	85	FR	M	S	--		
57	58	100	100	FR	M	S	--		
58	59	100	95	FR	M	S	--		
59	60	100	88	FR	M	S	--		

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures

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MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

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Schistosity Codes

M **Massive**
WS **Weakly Schistose**
MS **Moderately Schistose**
HS **Highly Schistose**

Rock Strength codes

W **Weak**
M **Moderate**
S **Strong**
VS **Very Strong**

Logged by: G. McLean

Date: 14/09/06

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD019

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
60	61	100	97	FR	M	S	30?		
61	62	100	82	FR	M	S			
62	63	100	97	FR	M	S			
63	64	100	80	FR	M	S			
64	65	100	20	FR	M	M			
65	66	70	0	FR	M	M			
66	67	0	0	FR	M	M			
67	68	0	0	FR	M	M			
68	69	40	0	FR	M	M			
69	70	100	45	FR	M	M			
70	71	100	0	FR	M	M			
71	72	100	0	FR	M	M			
72	73	50	30	FR	M	M			
73	74	0	0	FR	M	M			
74	75	60	0	FR	M	M			
75	76	60	30	FR	M	M			
76	77	100	65	FR	M	M			
77	78	100	70	FR	M	M			
78	79	100	75	FR	M	M			
79	80	100	46	FR	M	M			
80	81	100	35	FR	M	M			
81	82	100	35	FR	M	M			
82	83	100	90	FR	M	M			
83	84	100	48	FR	M	M			
84	85	100	96	FR	M	S			
85	86	100	85	FR	M	S			
86	87	100	65	FR	M	S			
87	88	100	15	FR	M	M			
88	89	100	55	FR	M	S			
89	90	100	20	FR	M	M			

Weathering Codes

EW **Extremely weathered**

Mottled, no remnant textures

HW **Highly weathered**

Mottled clays, remnant textures may be present

MW **Moderately weathered**

remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**

oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**

WS **Weakly Schistose**

MS **Moderately Schistose**

HS **Highly Schistose**

Rock Strength codes

W **Weak**

M **Moderate**

S **Strong**

VS **Very Strong**

Logged by:

Date:

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD019

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
90	91	100	40	FR	M	M			
91	92	100	40	FR	M	M			
92	93	100	54	FR	M	M			
93	94	100	80	FR	M	M			
94	95	100	0	FR	M	M			
95	96	100	10	FR	M	M	30		Bedding?
96	97	100	0	FR	M	M	30?		
97	98	100	0	FR	M	M			
98	99	100	48	FR	M	M			
99	100	100	50	FR	M	M			
100	101	100	13	FR	M	S			
101	102	100	48	FR	M	S			
102	103	100	62	FR	M	S			
103	104	100	10	FR	M	S			
104	105	100	74	FR	M	S			
105	106	100	55	FR	M	S			
106	107	100	72	FR	WS	S	5		Bedding
107	108	100	64	FR	WS	S			Bedding
108	109	100	40	FR	WS	M	5		Bedding
109	110	100	12	FR	WS	M	5		Bedding
110	111	100	48	FR	WS	M	15		Bedding
111	112	100	12	FR	WS	M			Bedding
112	113	100	10	FR	WS	M	45		Bedding
113	114	100	73	FR	WS	M	20		Bedding
114	115	100	82	FR	WS	M	15		Bedding
115	116	100	90	FR	WS	M	20		
116	117	100	60	FR	WS	M	25		
117	118	100	96	FR	WS	M	25		
118	119	100	90	FR	WS	S	15		
119	120	100	92	FR	MS	S	5-20		

Weathering Codes

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Mottled, no remnant textures

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oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

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Schistosity Codes

M **Massive**
WS **Weakly Schistose**
MS **Moderately Schistose**
HS **Highly Schistose**

Rock Strength codes

W **Weak**
M **Moderate**
S **Strong**
VS **Very Strong**

Greatland Pty Ltd

Drill Hole Cover Sheet

Hole	FTD020	Date	Sep-06
Section No	445850mE	Geologist	G. McLean
Tenement No	EL26/2004		
Project	Fire Tower		
Prospect	Fire Tower		

Collar Details

Locational Accuracy	+/- 3m	Grid Name	
AMG Zone	AGD66	Grid Easting	
AMG Easting	445815	Grid Northing	
AMG Northing	5405048	Grid Azimuth	
AMG Azimuth	38	Grid RL	
AMG RL	520		

Inclination	-50
Total Depth	106.0m

Drilling Company	Boart Longyear		
Rig Type	Onram 1000 (diesel pack)		
Drill Type	diamond	Drill diameter	NQ
Start Date	19/09/2006	Finish Date	25/09/2006

Reason for Drilling	Infill drilling, on optimum azimuth to intersect veining
Reason for Termination	Traversed target okay, hole deepened from design 80m due to wider than expected rhyolite.
Summary	<p>0-3.5m: scree. 3.5-6.1m weathered tallus? 6.1-52.3m: Pink k-spar altered quartz-phyric rhyolite.</p> <p>52.3-57.4m: ductile sheared, altered meta-sed? Contact zone. 57.4-62.5m: altered f.g (tuffaceous) sandstone.</p> <p>62.5-65.15m: Black, laminated siltstone. 65.15-81.4m: beige laminated siltstone.</p> <p>81.4-106.0m: Largely unaltered, f.g. - grading to c.g. volcanigenic quartz sandstone (weak alteration increase 102-106m)</p> <p>BOCO=BOPO sharp at 5.4m</p> <p>Disseminated pyrite in rhyolite, oxidised sulphide(?) qtz-veins @OCA at 57-60m, alteration weakens down from shear contact at 52.3m.</p>
Water level	
Water Flow	Full return all hole.
Gear remaining in hole	5m HQ collar casing. Difficult to collar through 3m of scree.
Downhole surveys	Survey method Reflex Instrument digital multi-shot (corrected for 14 degree mag deviation)

Depth	Azimuth	Inclination	Depth	Azimuth	Inclination
20	38.6	-49.3			
106	38.6	-48.3			

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower
Prospect Fire Tower

Hole FTD020

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
0	1	0	--	--	--	--	--		Scree
1	2	0	--	--	--	--	--		Scree
2	3.6	0	--	--	--	--	--		Scree
3.6	4	50	0	MW	M	M	--		
4	5.6	50	0	MW	M	M	--		
5.6	7.1	50	0	FR	M	M	--		
7.1	8	65	36	FR	M	S			BOCO = BOPO = 5.4m
8	9	100	33	FR	M	S			
9	10	100	54	FR	M	S			
10	11	100	25	FR	M	S			
11	12	48	0	FR	M	S			
12	13	100	0	FR	M	M			12.9-13.2M CRUSH ZONE
13	14	75	11	FR	M	M			
14	15	100	0	FR	M	W			
15	16	100	30	FR	M	M			
16	17	100	0	FR	M	M			
17	18	100	0	FR	M	M			
18	19	100	11	FR	M	M			
19	20	100	79	FR	M	M			
20	21	100	30	FR	M	S			
21	22	100	20	FR	M	S			
22	23	100	40	FR	M	S			
23	24	100	66	FR	M	S			
24	25	100	60	FR	M	S			
25	26	100	50	FR	M	S			
26	27	100	93	FR	M	S			
27	28	100	84	FR	M	S			
28	29	100	90	FR	M	S			
29	30	100	68	FR	M	S			

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures
HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible
SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries
FR **Fresh rock**

Schistosity Codes

M **Massive**
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MS **Moderately Schistose**
HS **Highly Schistose**

Rock Strength codes

W **Weak**
M **Moderate**
S **Strong**
VS **Very Strong**

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD020

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
30	31	100	78	FR	M	S	--		
31	32	100	83	FR	M	S	--		
32	33	100	75	FR	M	S	50?		
33	34	100	90	FR	M	S	--		
34	35	100	86	FR	M	S	50?		
35	36	100	30	FR	M	S	60?		
36	37	100	20	FR	WS	S	--		
37	38	100	85	FR	M	S	--		
38	39	100	21	FR	M	M	45?		
39	40	100	25	FR	WS	M	20		
40	41	100	50	FR	WS	S	45		
41	42	100	100	FR	WS	S	45		
42	43	100	93	FR	WS	S	45		
43	44	100	35	FR	WS	S	?		
44	45	100	80	FR	WS	S	45?		
45	46	100	84	FR	WS	S	40?		
46	47	100	92	FR	WS	S	35?		
47	48	100	60	FR	WS	S	?		
48	49	100	86	FR	WS	S	40?		
49	50	100	86	FR	WS	S	--		
50	51	100	100	FR	M	S	--		
51	52	100	88	FR	M	S	--		
52	53	100	77	FR	M	S	--		
53	54	100	90	FR	M	S	--		
54	55	100	70	FR	M	S	--		
55	56	100	100	FR	M	S	--		
56	57	100	60	FR	M	M	--		OXIDISED SHEARS @0CA
57	58	100	40	FR	M	M	--		OXIDISED SHEARS @0CA
58	59	100	86	FR	M	M	--		
59	60	100	36	FR	M	M	--		

Weathering Codes

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oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

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Schistosity Codes

M **Massive**

WS **Weakly Schistose**

MS **Moderately Schistose**

HS **Highly Schistose**

Rock Strength codes

W **Weak**

M **Moderate**

S **Strong**

VS **Very Strong**

Logged by: G. McLean

Date: 14/09/06

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD019

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
60	61	100	26	FR	M	S			
61	62	100	54	FR	M	S			
62	63	100	15	FR	WS	M	25		
63	64	100	17	FR	WS	M	30		
64	65	100	23	FR	WS	M	43		
65	66	100	26	FR	WS	M	44		
66	67	100	36	FR	WS	S	35		
67	68	100	57	FR	WS	VS	38		
68	69	100	53	FR	M	S	38		
69	70	100	0	FR	M	M			
70	71	100	11	FR	WS	S	46		
71	72	100	17	FR	WS	S	43		
72	73	100	47	FR	WS	VS	35		
73	74	100	39	FR	M	S			
74	75	100	14	FR	WS	M	32		
75	76	100	68	FR	M	S			
76	77	100	39	FR	WS	VS	30		
77	78	100	56	FR	WS	VS	38		
78	79	100	52	FR	WS	S	30		
79	80	100	69	FR	WS	S	40		
80	81	100	60	FR	WS	VS	30		
81	82	100	60	FR	WS	VS	30		
82	83	100	28	FR	WS	S	36		
83	84	100	12	FR	M	M			
84	85	100	35	FR	M	S			
85	86	100	87	FR	M	VS			
86	87	100	89	FR	M	VS			
87	88	100	80	FR	M	S			
88	89	100	67	FR	M	S			
89	90	100	26	FR	M	S			

Weathering Codes

EW **Extremely weathered**

Mottled, no remnant textures

HW **Highly weathered**

Mottled clays, remnant textures may be present

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oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

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Schistosity Codes

M **Massive**

WS **Weakly Schistose**

MS **Moderately Schistose**

HS **Highly Schistose**

Rock Strength codes

W **Weak**

M **Moderate**

S **Strong**

VS **Very Strong**

Logged by: D. Evans

Date:

Greatland Pty Ltd

Drill Hole Cover Sheet

Hole	FTD021	Date	Sep-06
Section No	445850mE	Geologist	D. Evans/G Mclean
Tenement No	EL26/2004		
Project	Fire Tower		
Prospect	Fire Tower		

Collar Details

Locational Accuracy	+/- 3m	Grid Name	
AMG Zone	AGD66	Grid Easting	
AMG Easting	445815	Grid Northing	Same pad as FTD020
AMG Northing	5405045	Grid Azimuth	
AMG Azimuth	175	Grid RL	
AMG RL	520		

Inclination	-50
Total Depth	71.75m

Drilling Company	Boart Longyear		
Rig Type	Onram 1000 (diesel pack)		
Drill Type	diamond	Drill diameter	NQ
Start Date	26/09/2006	Finish Date	29/09/2006

Reason for Drilling	To Establish width of rhyolite and possibility of a north-south fault between here and FTD019
Reason for Termination	Traversed target okay, hole stopped when rhyolite shown as continuous.
Summary	<p>0-7.1m: scree/rhyolite colluvium. 7.1-43.1m: Pyritic altered, (patchy K-spar) rhyolite. Very rubbly to 31m (similar to FTD012?).</p> <p>43.1-60.85m: Pyritic, increasingly chlorite-carbonate altered (patchy K-spar) rhyolite.</p> <p>60.85-71.75m: Pyritic, texturally destructive strongly K-spar (sericite) altered rhyolite, becoming very competent core.</p> <p>All contacts gradational. Penetrative oblique-dip slip slickensided shears throughout striking 120/65NE</p> <p>BOCO=4.4m, BOPO=43.1m</p> <p>Disseminated fine grained pyrite in traces throughout rhyolite. Alteration stronger down hole, but not sulphides.</p>
Water level	
Water Flow	Nil return all hole.
Gear remaining in hole	5m HQ collar casing. Difficult to collar through 3m of scree.
Downhole surveys	Survey method Reflex Instrument digital multi-shot (corrected for 14 degree mag deviation)

Depth	Azimuth	Inclination	Depth	Azimuth	Inclination
20	175	-49.3			
71	178.6	-46.5			

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD021

Prospect Fire Tower

Logged by DAE (28/09/06)

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
0	1	0	0	EW		W		N/A	Hole collared in scree to 4.1m;
1	2	0	0	EW		W		N/A	collar pipe cemented in;
2	3	0	0	EW		W		N/A	cement drilled out.
3	4.4	0	0	EW		W		N/A	
4	5	68	0	MW	M	M		N/A	Very broken core.
5	6	61	16	HW	M	W		N/A	Totally fragmented core.
6	7	58	0	MW	WS	M		N/A	Totally fragmented core.
7	8	62	16	SW	M	M		N/A	Some intact core pieces.
8	9	44	0	MW	M	M		N/A	Totally fragmented core.
9	10.1	39	0	SW	M	M		N/A	Totally fragmented core.
10.1	11.6	48	0	SW	M	M		N/A	Near totally fragmented core.
11.6	13	36	0	SW	M	M		N/A	As above.
13	14	50	0	SW	M	M		N/A	As above.
14	14.6	65	15	SW	M	M		N/A	Some intact core pieces.
14.6	16.1	40	0	SW	M	M		N/A	More intense Fe oxides.
16.1	17.6	30	0	SW	M	M		N/A	Near totally fragmented core.
17.6	19.1	58	0	SW	M	M		N/A	Some intact core pieces.
19.1	20.6	39	0	SW	M	M		N/A	Few intact core pieces.
20.6	22.1	42	35	SW	M	M		N/A	Several intact core pieces.
22.1	23.6	42	0	SW	M	M		N/A	Few intact core pieces.
23.6	25.1	15	0	SW	M	M		N/A	Major core loss zone.
25.1	26.6	23	0	SW	M	M		N/A	As above.
26.6	28.1	20	0	SW	M	M		N/A	As above.
28.1	29.6	32	0	SW	M	M		N/A	Major core loss zone.
29.6	30	92	17	FR	M	S		N/A	Fresher rock; generally intact.
30	31	78	38	SW	M	S		N/A	Fracture cutting core at start.
31	32	95	68	SW	M	S		N/A	Solid, generally competent.
32	33	100	15	FR	M	M		N/A	
33	34	100	69	FR	M	S		N/A	
34	35	100	88	FR	M	S		N/A	

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures

HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**
WS **Weakly Schistose**
MS **Moderately Schistose**
HS **Highly Schistose**

Rock Strength codes

W **Weak**
M **Moderate**
S **Strong**
VS **Very Strong**

Logged by: D. Evans

Date:

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GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD021

Prospect Fire Tower

Logged by DAE (02/10/06)

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
35	36	80	64	FR	M	S		N/A	
36	37	100	92	FR	M	S		N/A	
37	38	100	46	SW	M	M		N/A	Clayey shear 37.8-38.0m.
38	39	100	83	FR	M	M		N/A	
39	40	80	62	FR	M	S		N/A	Clayey shear 39.4-39.88m.
40	41	100	60	FR	M	S		N/A	
41	42	100	35	FR	M	S		N/A	
42	43.1	86	0	SW	M	W		N/A	Strongly sheared 42.1-43.1m.
43.1	44	100	30	FR	M	S		N/A	
44	45	95	33	FR	M	S		N/A	
45	46	97	55	FR	M	S		N/A	
46	47	97	61	FR	M	S		N/A	
47	48	98	0	SW	WS	S	10	N/A	Broken core throughout.
48	49	91	67	FR	M	S		N/A	Initially solid, competent core.
49	50	92	74	FR	M	S		N/A	Becoming solid, competent.
50	51	100	67	FR	M	S		N/A	Generally solid, competent.
51	52	97	65	FR	M	VS		N/A	Solid, competent core.
52	53	100	90	FR	M	VS		N/A	Very solid, competent core.
53	54	100	65	FR	M	VS		N/A	As above.
54	55	86	91	FR	M	S		N/A	As above.
55	56	100	90	FR	M	S		N/A	As above.
56	57	100	92	FR	M	S		N/A	
57	58	100	94	FR	M	S		N/A	
58	59	100	80	FR	M	S		N/A	
59	60	100	95	FR	M	S		N/A	
60	61	96	76	FR	M	S		N/A	
61	62	98	82	FR	WS	S	25	N/A	Broken from 61.22-61.33m.
62	63	100	86	FR	M	S		N/A	Broken at start of interval.
63	64	100	88	FR	M	S		N/A	Very solid, competent core.
64	65	95	83	FR	WS	S		N/A	As above.

Core loss zone.

Core tending to clayey. BOCO = 43.1m.

Slickensided chloritic Core broken from 48.7m.

Few natural breaks.

Otherwise very solid, Quartz-carbonate vein Few natural breaks.

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures
HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible
SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries
FR **Fresh rock**

Schistosity Codes

M **Massive**
WS **Weakly Schistose**
MS **Moderately Schistose**
HS **Highly Schistose**

Rock Strength codes

W **Weak**
M **Moderate**
S **Strong**
VS **Very Strong**

Logged by:

Date:

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Drill Hole Cover Sheet

Hole	FTD022	Date	Oct-06
Section No	446025mE	Geologist	D. Evans/G Mclean
Tenement No	EL26/2004		
Project	Fire Tower		
Prospect	Fire Tower		

Collar Details

Locational Accuracy	+/- 3m	Grid Name	
AMG Zone	AGD66	Grid Easting	
AMG Easting	446025mE	Grid Northing	
AMG Northing	5405088	Grid Azimuth	
AMG Azimuth	10	Grid RL	
AMG RL	634		

Inclination	-70
Total Depth	100.3m

Drilling Company	Boart Longyear		
Rig Type	Onram 1000 (diesel pack)		
Drill Type	diamond	Drill diameter	NQ
Start Date	2/10/2006	Finish Date	10/10/2006

Reason for Drilling	Infill drilling, to establish dip of ore zones
Reason for Termination	Traversed target okay.
Summary	<p>0-19.45m: Texturally destructive, strongly sericite-carbonate altered volcanogenic sandstone, oxidised veins, trace py-galena.</p> <p>19.45-40.2m: (Texturally destructive), strongly sericite-carbonate altered, siltstone rip-up clast bearing, volcanogenic sandstone.</p> <p>40.2-45.5m: Black-grey altered, contorted,pyritic bedded siltstone. 45.5-58.2m: strongly sericite-carbonate-Kspar altered, lithic volcanogenic sandstone. 58.2-62m: Pyritic siltstone/shale, fault at base.</p> <p>62-100.3m: Texturally destructive, strongly sericite-carbonate patchy Kspar) altered volcanogenic sandstone with shaley interbeds.</p> <p>81.4-92.9m: zone of intense pyrite-chalcopyrite-scheelite -(asp) veining</p>
Water level	
Water Flow	Nil return all hole.
Gear remaining in hole	1.5m HQ collar casing.
Downhole surveys	Survey method Reflex Instrument digital multi-shot (corrected for 14 degree mag deviation)

Depth	Azimuth	Inclination	Depth	Azimuth	Inclination
20	23.3	-69.1			
100	26.4	-68.3			

Geological Log

Project	Fire Tower	East	Azimuth	0.0° AMG	Logged by		massive
Prospect	Fire Tower	North	Inclination	-70°	Drilled By	hatch	pervasive
Grid	AGD66	RL	Total Depth		Drill Type	stipple	disseminated
		Proj.	AMG		Drill Date	swiggle	narrow vein

From	To	Colour Weath. ening	Structu re type 1	Structu re type 2	Angle CA	Graphic structure	Log grainsize	Description	Alteration							Mineralization							
									Sil	Ser	Py	CO3	W	V	S	P	Vein Qtz %	Mineralization Assemblage	%	V	S	P	
0	1							0-4.75m: PARTIALLY WEATHERED, OXIDISED, BROKEN, MICRO-FRACTURED, VEINED, LIGHT TO MEDIUM GREEN CREAM, MOTTLED ORANGE-BROWN, SERICITISED, COARSE-GRAINED, QUARTZ-PHYRIC VOLCANOGENIC SANDSTONE; 1-2MM SUB-ROUNDED QUARTZ CLASTS, CLOSE PACKED IN DEVITRIFIED SERICITIC MATRIX; PATCHY CREAM CARBONATE ALTERATION; RARE CLASTS UP TO 10-12MM OF DARK GREY SHALE, COMMON FE OXIDES IN FRACTURES, VEINS AND AS STAINING; RARE TRACE APY.											10-15% Fe OXIDES				
1	2																						
2	3																						
3	4																						
4	5																						
5	6																						
6	7																						
7	8																						
8	9																						
9	10																						
10	11																						
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31	32																						
32	33																						
33	34																						

34.0m

Greatland Pty Ltd

FD022

Geological Log

Project	Fire Tower	East	Azimuth	0.0° AMG	Logged by		massive
Prospect	Fire Tower	North	Inclination	-70°	Drilled By		hatch
Grid	AGD66	RL	Total Depth		Drill Type		stipple
		Proj.	AMG		Drill Date		swiggle
							narrow vein

From	To	Colour Weath ering	Structu re type 1	Structu re type 2	Angle CA	Graphic structure	Log grain size	Description	Alteration							Mineralization									
									Sil	Ser	Py	CO3	W	V	S	P	Vein Qtz %	Mineralization Assemblage	%	V	S	P			
33	34							ABUNDANT SERICITIC SKT- GRADE MATRIX THROUGHOUT; QUARTZ - PHYRIC WITH VARIABLY																	
34	35							TEXTURALLY DESTRUCTIVE SERICITE - ? CARBONATE																	
35	36							ALTERATION OF POSSIBLE FELDSPAR; SPARSE VEINS AND MICROVEINS OF CARBONATE ± QTZ; GRADUAL																	
36	37							DECREASE IN OVERALL GRAIN SIZE TOWARDS DOWN HOLE CONTACT; TRACE TO SPARSE SCHEELITE																	
37	38							DETECTED BY SWL UV IN THIN VEINS FROM																	
38	39							36.5-37.0M.																	
39	40							39.25m PY/APY VN. 48° SHARP LOW ANGLE																	
40	41							40.2-45.8m: FRESH TO WEAKLY OXIDISED VEINED, MICRO-FRACTURED, LOCALLY BRECCIATED BLACK TO																	
41	42							MEDIUM GREEN-CREAM AND DARK GREY VERY FINE - GRAINED SILTSTONE - SHALE; STRONGLY ALTERED																	
42	43							THROUGHOUT, WITH SEMI-PERVASIVE SERICITE - QUARTZ ALSO AS INTERSECTING MICROVEINS AND STRINGERS; MINDX																	
43	44							K-SPAR VEINS AND STRINGERS; MICROFRACTURED, IRREGULARLY																	
44	45							ORIENTED, CONCRETED CENTIMETRIC LAMINATIONS; INTENSELY																	
45	46							VEINED, LOCALLY BRECCIATED; INCREASINGLY OXIDISED, WITH FE OXIDES STAINING FROM 44.3M.																	
46	47							45.8-58.2m: FRESH TO LOCALLY OXIDISED, HARD, FRACTURED, VEINED TO MASSIVE LIGHT CREAM																	
47	48							GREEN - CREAM, GREY - CREAM, PERVASIVELY SERICITISED																	
48	49							FINE TO COARSE GRAINED QUARTZ - PHYRIC AND LITHIC VOLCANOGENIC SANDSTONE; MATRIX SUPPORTED,																	
49	50							WITH WEAK PREFERRED ORIENTATION, POSSIBLY DISCONTINUOUS, STREAKY BEDDING, PRESERVED; RARE																	
50	51							BLACK - GREY SILTSTONE - SHALE CLASTS; COMPLEX																	
51	52							GRAINED FROM 52.0M WITH PUMICOID CLASTS AND IMMATURE ASH LENSES; MINDX BLACK - BROWN FE																	
52	53							OXIDES COATING STRONG FRACTURE PARALLEL TO CORE AXIS FROM START OF INTERVAL TO 47.4M. SEVERAL																	
53	54							OTHER FE OXIDE / REMNANT PY, VEINS; SOME QTZ RICH SELVEDGES AROUND THESE VEINS; SPARSE CREAM																	
54	55							CARBONATE - QTZ. MICROVEINS AND STRINGERS; SPARSE K-FELDSPAR VEINS AND IN SELVEDGES																	
55	56							TEXTURALLY DESTRUCTIVE IN PLACES; RARE TRACES OF APY ± CPY. ASSOCIATED WITH QTZ MICROVEINS AT																	
56	57							58.0M.																	
57	58							DIFFUSE GRADATIONAL CONTACT																	
58	59							58.2-62.0M: FRESH, MICRO-FRACTURED, VEINED, GREY-CREAM TO BLACK-GREY SILTIFIED, ALTERED,																	
59	60							FINE-GRAINED VOLCANOGENIC SILTSTONE WITH INCREASING																	
60	61							MASSIVE TO MICRO-FRACTURED BLACK SILTSTONE - SHALE; STRONGLY DEFORMED, INTENSELY MICROVEINED WITH COMPLEX																	
61	62							VEIN SELVEDGES AND SPACING (?); SERICITE - CARBONATE); RARE TRACES OF CPY AS BLEBS; STOCKWORK MICROVEINING.																	
62	63							62.0-74.0M: FRESH, HARD, MICRO-FRACTURED, CARBONATE - QTZ. VEINED, SEMI-PERVASIVELY																	
63	64							SERICITISED, LIGHT GREY TO DARK GREY-BLACK, FINE-GRAINED VOLCANICLASTIC SILTSTONE WITH																	
64	65							PERVASIVELY SERICITISED, DEVEINIFIED, FINE-GRAINED VOLCANOGENIC SANDSTONIC LENSES, INCREASING																	
65	66							FROM 63.9M.																	

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD022

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
0	1	87	33	MW	M	M		N/A	Broken, oxidised.
1	2	100	21	MW	M	S		N/A	Patchy Fe oxides in fractures.
2	3	86	53	SW	WS	S	58	N/A	Strong Fe oxides in fractures.
3	4	100	56	SW	M	VS		N/A	Hard to very hard.
4	5	85	27	SW	M	S		N/A	Hard, solid to 4.65m.
5	6	67	0	HW	M	M		N/A	Fragmented, oxidised to 5.8m.
6	7	100	18	SW	WS	M	66	N/A	Solid, relatively fresh to 6.25m.
7	8	96	51	SW	M	M		N/A	Broken throughout.
8	9	100	29	FR	M	S		N/A	Regular natural breaks.
9	10	81	22	FR	M	S		N/A	Regular natural breaks.
10	11	100	28	SW	M	S		N/A	Initially solid, competent core.
11	12	93	35	FR	M	S		N/A	Fresh rock; regular breaks.
12	13	100	28	SW	M	S		N/A	As above.
13	14	100	57	FR	M	VS		N/A	Fresh rock.
14	15	95	45	FR	M	S		N/A	Fresh rock; regular breaks.
15	16	100	77	FR	M	VS		N/A	Hard, solid, competent core.
16	17	100	46	FR	M	S		N/A	Regular natural breaks.
17	18	71	20	FR	M	S		N/A	Broken to very broken core.
18	19	100	80	FR	M	VS		N/A	Hard, relatively solid core.
19	20	80	14	FR	M	S		N/A	Relatively solid to 19.45m.
20	21	100	0	FR	M	M		N/A	Very broken to fragmented.
21	22.3	22	0	FR	M	M		N/A	As above; few intact pieces.
22.3	23	47	0	FR	M	M		N/A	As above.
23	24	65	15	FR	M	M		N/A	Some intact core pieces.
24	25	100	55	FR	M	S		N/A	Becoming solid from 24.45m.
25	26	90	43	FR	M	S		N/A	Initially solid, competent core.
26	27	53	19	FR	M	M		N/A	Broken core throughout.
27	28	100	25	FR	M	S		N/A	Broken, fragmented to 27.6m.
28	29	100	81	FR	M	VS		N/A	Fresh, solid, competent core.
29	30	93	42	FR	M	VS		N/A	Core broken in places.

BOCO not recovered; surficial Fe oxides partially replacing. Fe oxides infilling steep angle. Core tending to fresh rock. Core becoming very broken.

Core becoming oxidised and broken. Fe oxides in veins and as staining. Some breaks coated with Fe. Few breaks coated with Fe oxides. Core becoming broken.

BOPO = 12.9m; Fe oxides as coatings. Core becoming solid, competent.

Solid core from 15.2m. Close spaced breaks from 16.45m. Weak Fe oxides on fractures. Relatively competent. Core becoming fragmented. Completely fragmented in Core jointed, wedging; Geotechnical data recored from core. Core generally broken to

Core becoming broken. Significant core loss.

Core cut by several steep angle

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures

HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**
WS **Weakly Schistose**
MS **Moderately Schistose**
HS **Highly Schistose**

Rock Strength codes

W **Weak**
M **Moderate**
S **Strong**
VS **Very Strong**

Logged by : D. A. Evans

Date : 28/09/06

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GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD022

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
30	31	86	45	SW	M	VS		N/A	Fresh, hard, solid core.
31	32	100	33	SW	M	S		N/A	Fresh, hard, broken core.
32	33	96	40	FR	WS	S	55	N/A	Undulating joint planes.
33	34	92	43	SW	WS	S	45	N/A	Fe oxides infilling fractures.
34	35	90	55	SW	WS	S	70	N/A	Some overdrilled core pieces.
35	36	100	60	FR	M	VS		N/A	Regular planar joints.
36	37	100	88	FR	M	VS		N/A	Hard to very hard, solid core.
37	38	96	73	FR	M	VS		N/A	As above; some Fe oxides.
38	39	100	60	FR	M	S		N/A	Hard, generally solid core.
39	40	100	26	FR	M	S		N/A	Hard, tending to broken.
40	41	100	42	FR	WS	S	78	N/A	Lithology change.
41	42	100	45	FR	M	VS		N/A	Undulating to stepped breaks.
42	43	92	87	FR	M	VS		N/A	Hard to very hard, solid core.
43	44	100	70	FR	WS	VS	88	N/A	As above; few low angle jts.
44	45	100	50	SW	M	S		N/A	Very broken 44.25-44.35m.
45	46	100	55	SW	WS	S	90	N/A	Strong fracture parallel to CA.
46	47	100	90	SW	M	S		N/A	Strong fracture continuing.
47	48	100	60	SW	M	S		N/A	Strong fracture to 47.37m.
48	49	100	45	SW	M	S		N/A	Includes strong fracture.
49	50	95	72	SW	M	S		N/A	Hard to very hard.
50	51	90	75	SW	M	S		N/A	Hard, with Fe oxides locally.
51	52	100	80	SW	WS	S	45	N/A	Leached, with Fe oxides.
52	53	100	10	SW	MS	M	70	N/A	Tending to leached, broken.
53	54	95	73	FR	M	S		N/A	Broken at start of interval.
54	55	95	82	SW	WS	S	54	N/A	Generally hard to very hard.
55	56	100	78	FR	M	VS		N/A	Hard to very hard, solid core.
56	57	100	66	FR	M	S		N/A	Tending to leached, pitted.
57	58	100	95	SW	M	S		N/A	Leached in patches.
58	59	100	78	FR	WS	S	70	N/A	Hard to very hard.
59	60	100	80	FR	WS	S	50	N/A	Weak bedding-parallel joints.

Core broken in patches. Some breaks coated with Fe Joints developed parallel to Fractures from 33.85m; Fe Core hard, jointed. Hard to very hard throughout.

Fe oxides coatings on some

Jointed core. Minor Fe oxides coating fracture Generally hard, solid core.

Strong, undulating, open Strong, undulating, open Strong, undulating, open Strong, throughgoing Generally solid, competent core. Fractured, Fe oxide stained Fe oxides after sulphide veins Tending to very broken. Becoming hard, solid, competent.

Solid, competent core.

Fe oxides staining. Generally solid, competent core.

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures

HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**
WS **Weakly Schistose**
MS **Moderately Schistose**
HS **Highly Schistose**

Rock Strength codes

W **Weak**
M **Moderate**
S **Strong**
VS **Very Strong**

Logged by : D. A. Evans

Date :

GREATLAND PTY LTD

Geotechnical Log

Project Fire Tower

Hole FTD022

Prospect Fire Tower

From	To	Recovery	RQD	Weathering	Schistosity	Rock Strength	Foliation CA	MagSus	Comments
60	61	90	90	FR	M	VS		N/A	Very hard, solid, competent.
61	62	97	95	FR	M	VS		N/A	As above.
62	63	100	30	SW	M	S		N/A	Very broken from 62.5-63.0m.
63	64	93	70	FR	WS	S	55	N/A	Broken core near start.
64	65	95	58	FR	WS	S	50	N/A	Hard, solid, competent core.
65	66	100	92	FR	WS	VS	58	N/A	Hard to very hard, solid core.
66	67	100	95	FR	M	VS		N/A	As above.
67	68	95	72	FR	WS	S	20	N/A	As above; broken in places.
68	69	92	67	FR	WS	S	40	N/A	Hard to very hard.
69	70	100	71	FR	WS	S	20	N/A	As above; becoming broken.
70	71	100	60	FR	WS	S	20	N/A	Broken in places.
71	72	95	53	FR	WS	S	35	N/A	Undulating fracture.
72	73	100	48	FR	WS	S	38	N/A	Initially broken; becoming solid.
73	74	100	47	FR	WS	S		N/A	Several thin ductile shears.
74	75	86	49	FR	WS	S	30	N/A	Broken core in patches.
75	76	95	45	FR	WS	S	65	N/A	Broken core to 75.33m.
76	77	95	58	FR	M	S		N/A	Broken to very broken locally.
77	78	92	43	FR	WS	S	68	N/A	Hard, broken throughout.
78	79	73	25	FR	M	M		N/A	Generally broken throughout.
79	80	100	82	FR	M	VS		N/A	Hard to very hard.
80	81	100	76	FR	WS	S	30	N/A	Few undulating fractures.
81	82	84	32	FR	WS	S	75	N/A	Regular natural breaks.
82	83	95	53	SW	MS	S	48	N/A	Generally hard, solid core.
83	84	93	48	FR	MS	S	60	N/A	Hard, with regular breaks.
84	85	65	20	FR	WS	MS		N/A	Becoming broken.
85	86	94	51	FR	M	S		N/A	Hard to very hard, solid core.
86	87	100	43	FR	M	VS		N/A	Hard to very hard, solid core.
87	88	86	71	FR	WS	VS	55	N/A	As above.
88	89	95	84	FR	M	VS		N/A	As above.
89	90	100	48	FR	WS	VS		N/A	As above, tending to broken.

Core tending to clayey in places. Core becoming solid, competent. Ductile shear from 64.46-64.54m.

Generally solid, competent core.

Broken core around steep angle Throughgoing fracture sub-Hard, competent core.

Steep angle shears with Core tending to solid, competent.

Some fragmented core zones; note - Solid, competent core. Smooth sericitic fractures.

Hard to very hard.

Broken to very broken, with core Core hard, solid, competent from

Core tending to broken from 89.5m.

Weathering Codes

EW **Extremely weathered**
Mottled, no remnant textures

HW **Highly weathered**
Mottled clays, remnant textures may be present

MW **Moderately weathered**
remnant textures present, some mineral grain boundaries are discernible

SW **Slightly weathered**
oxidation on joints & fractures; some minor pervasive weathering on grain boundaries

FR **Fresh rock**

Schistosity Codes

M **Massive**

WS **Weakly Schistose**

MS **Moderately Schistose**

HS **Highly Schistose**

Rock Strength codes

W **Weak**

M **Moderate**

S **Strong**

VS **Very Strong**

Logged by:

Date:

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Geotechnical Log

Project Fire Tower

Hole FTD022

Prospect Fire Tower

90	91	84	17	FR	WS	S	70	N/A	Hard to very hard.
91	91.4	100	21	FR	M	VS		N/A	Becoming broken.
91.4	91.8	0	0	FR				N/A	Total core loss over 0.4m.
91.8	92	80	55	FR	M	VS		N/A	Core worn by drilling action.
92	93	92	73	FR	M	VS		N/A	Hard to very hard.
93	94	90	50	FR	MS	S	40	N/A	Hard, broken to very broken.
94	95	100	57	FR	M	VS		N/A	Some core gain apparent.
95	96	92	59	FR	WS	VS		N/A	Very hard, solid to 95.45m.
96	97	74	54	FR	M	S		N/A	Broken core from 96.25m.
97	98	90	0	SW	WS	M	50	N/A	Broken core.
98	99	68	0	SW	MS	M		N/A	Initially sheared to 98.45m.
99	100	100	18	FR	MS	S	54	N/A	Broken, blocky core.
100	100.3	100	0	FR	WS	S	75	N/A	Hard, with regular breaks.
									EOH at 100.3m confirmed.

Regular natural
breaks throughout.
Core worn on
breaks by drilling
Core loss
recorded by driller.
Core worn on
breaks by drilling
Generally solid,
competent core.

Wedging ground.

Core becoming
broken.

Core becoming
fragmented and
Core tending to
clayey; blocky,
Planar joints
formed on K-Spar
Undulating rough
breaks throughout.

APPENDIX X

Drill Hole Structural Data

METADATA

Appendix X

Title Holder: Greatland Pty Ltd
Tenement: EL26/2004, EL31/2004
Activity: Firetower Prospect drill hole structural orientations FTD013-FTD022
FileName: EL262004_200610_10_appendix.txt
Data Date: Nov. 2005- Nov. 2006
Data Location: This File
Datum: AGD66, AHD
Projection: UTM Zone 55
Data Source: Gordon McLean

Definition of Codes:

Code	Description
bdg	bedding
s vein	sulphide bearing phase vein
b vein	barren (sulphide absent) vein
fol	Iceavage/foliation
lin	intersection lineation
shear	shear
FA	fold axis
dyke	dyke
contact	lithological contact
other	other

DRILL HOLE STRUCTURAL DATA

Title Holder:	Greatland Pty Ltd								
Tenement:	EL26/2004, EL31/2004								
Activity:	Firetower Prospect drill hole structural orientations FTD013-FTD022								
FileName:	EL262004_200610_10_appendix.txt								
Data Date:	Nov. 2005- Nov. 2006								
Data Location:	Appendix 7								
Datum:	AGD66, AHD								
Projection:	UTM Zone 55								
Data Source:	Gordon McLean								
Definition of Codes:		Code		Description					
		bdg		bedding					
		s vein		sulphide bearing phase vein					
		b vein		barren (sulphide absent) vein					
		fol		iceavage/foliation					
		lin		intersection lineation					
		shear		shear					
		FA		fold axis					
		dyke		dyke					
		contact		lithological contact					
		other		other					
HoleID	AMG_Azm	Hole_Dip	Depth	Alpha	Beta	Struct_Type	Dip_Dir	Dip	Description
FTD014	10	-50.0	4.2	20	210	bdg	340	10	lower limb
FTD014	10	-50.0	4.2	30	210	bdg	340	30	upper limb
FTD014	10	-50.0	4.4	40	340	FA	263	24	gentle synform fold axis
FTD014	10	-50.0	15.0	50	0	bdg	190	80	
FTD014	10	-50.0	15.0	40	90	s vein	270	50	carb-py-scheelite veins
FTD014	10	-50.0	15.2	40	90	s vein	270	50	carb-py-scheelite veins
FTD014	10	-50.0	18.0	60	0	bdg	190	70	
FTD014	10	-50.0	19.5	45	0	bdg	10	85	
FTD014	10	-50.0	25.2	50	130	bdg	270	30	
FTD014	10	-50.0	27.0	40	270	s vein			
FTD014	10	-50.0	31.5	30	0	bdg	10	90	
FTD014	10	-50.0	36.0	30	0	bdg	10	80	
FTD014	10	-50.0	37.7	15	350	s vein			q-cpy vein
FTD014	10	-50.0	55.5	55	60	bdg			
FTD015	10	-30.0	7.1			vein	170	80	2mm wide pyrite-only vein
FTD015	10	-30.0	7.2	30	60	bdg	260	60	
FTD015	10	-30.0	10.2	45	260	vein	200	80	pyrite-only vein counter dipping to bedding
FTD015	10	-30.0	10.2	45	90	bdg	240	88	
FTD015	10	-30.0	13.2			bdg	360	86	
FTD015	10	-30.0	14.7	60	30	bdg	350	76	
FTD015	10	-30.0	29.6			bdg	354	80	
FTD016	31	-50.0	13.2			bdg	360	30	disrupted bdg
FTD016	31	-50.0	14.8			bdg	360	30	disrupted bdg
FTD016	31	-50.0	17.8			bdg	360	30	disrupted bdg
FTD016	31	-50.0	20.8			s vein	200	20	carbonate-scheelite vein
FTD016	31	-50.0	25.8			bdg	230	80	approx only
FTD016	31	-50.0	29.8			s vein	150	76	py-only veins
FTD016	31	-50.0	31.3			bdg	150	64	
FTD016	31	-50.0	31.6			s vein	240	60	py-only veins
FTD016	31	-50.0	43.3			fol	70	80	
FTD016	31	-50.0	53.8			s vein	230	70	carbonate-scheelite-py vein
FTD016	31	-50.0	53.8			bdg	20	10	unusual
FTD016	31	-50.0	56.8			fol	60	90	bdg/fol?
FTD016	31	-50.0	58.3			fol	54	90	bdg/fol?
FTD016	31	-50.0	62.8			bdg	0	90	vague
FTD016	31	-50.0	66.5	15	0	bdg	0	65	
FTD016	31	-50.0	67.7			bdg	0	50	
FTD017	3	-30.0	4.0	15	0	b vein	0	65	sheeted carbonate veins
FTD017	3	-30.0	13.0	40	270	s vein	90	75	ox. Py vein
FTD017	3	-30.0	14.5	90	0	s vein	180	60	vague Py vein
FTD017	3	-30.0	14.5	20	200	b vein			sheeted carbonate veins
FTD017	3	-30.0	20.5	70	90	s vein			py-only vein
FTD017	3	-30.0	22.0	50	180	s vein			py-only vein
FTD017	3	-30.0	25.0	60	270	s vein			py-only vein
FTD017	3	-30.0	29.5	55	0	bdg	0	85	
FTD017	3	-30.0	35.5	55	345	bdg			
FTD017	3	-30.0	38.5	55	45	bdg	45	85	

DRILL HOLE STRUCTURAL DATA

HoleID	AMG_Azm	Hole_Dip	Depth	Alpha	Beta	Struct_Type	Dip_Dir	Dip	Description
FTD017	3	-30.0	49.0	55	45	bdg	45	85	
FTD018	1	-30.0	26.7			bdg	45	70	bedding=NW/70NE;
FTD018	1	-30.0	32.3			shear	0	0	shear=NNW/60NE sub horizontal scaly clay shear
FTD018	1	-30.0	40.2			bdg	98	90	bedding=008/90; shear
FTD018	1	-30.0	40.2			fol	324	66	fol=054/66NW; L 0/1=256/76
FTD018	1	-30.0	40.2			lin	256	76	L0/1
FTD018	1	-30.0	41.2			shear	270	50	shear=360/50W
FTD018	1	-30.0	43.2			fol	250	60	shear fol=160/60SW; ;
FTD018	1	-30.0	43.2			fol	230	90	shear/bedding?=140/90
FTD018	1	-30.0	44.7			s vein	300	50	qtz-carb-gal vein=030/50NW; brittle
FTD018	1	-30.0	44.7			shear	0	90	shear=090/90
FTD018	1	-30.0	49.2			bdg	0	90	bedding sub-vertical
FTD018	1	-30.0	50.7						bedding sub-hori.!, shear sub-vertical
FTD018	1	-30.0	52.2			bdg	0	90	bedding sub-vertical, strikes E-W
FTD018	1	-30.0	53.7			shear	0	80	Shearing= E-W/80N
FTD018	1	-30.0	58.2			shear	180	75	fol./shear=E-W/75S
FTD018	1	-30.0	62.5			fol	195	80	flattening fol=105/80S
FTD018	1	-30.0	64.1			fol	190	70	flattening fol=100/70S
FTD018	1	-30.0	65.6	50	45	fol	195	80	flattening fol=105/80S
FTD018	1	-30.0	67.2	60	45	fol	205	60	flattening fol=115/60S
FTD018	1	-30.0	68.7	50	30	fol	190	80	flattening fol=100/80S
FTD019	30	-50.0	13.1			shear	230	70	vague shear 130-150/70SW
FTD019	30	-50.0	17.6			b vein	310	30	carbonate alteration vein
FTD019	30	-50.0	22.1			shear	180	40	discrete shear
FTD019	30	-50.0	22.1			bdg	180	90	vague bedding?
FTD019	30	-50.0	23.6			s vein	184	78	1cm py-carbonate vein
FTD019	30	-50.0	23.6			shear	182	80	discrete shear
FTD019	30	-50.0	31.1			shear	178	84	discrete shear
FTD019	30	-50.0	39.5			contact	150	60	bedding?
FTD019	30	-50.0	40.1			bdg?	310	84	bedding?
FTD019	30	-50.0	40.1			s vein	184	78	py-cpy-gal vein
FTD019	30	-50.0	43.0			shear	120	60	shear fol?
FTD019	30	-50.0	43.0			b vein	340	50	carbonate alteration vein
FTD019	30	-50.0	45.3			b vein	60	78	replacement carbonate vein
FTD019	30	-50.0	47.6			s vein	300	84	py vein
FTD019	30	-50.0	52.1			s vein	180	30	py vein
FTD019	30	-50.0	52.1			s vein	300	90	py vein
FTD019	30	-50.0	55.1			s vein	120	75	py vein
FTD019	30	-50.0	55.1			s vein	110	90	py vein
FTD019	30	-50.0	58.1			s vein	90	90	scheelite veinlets
FTD019	30	-50.0	58.1			b vein	90	5	barren quartz-carbonate veins
FTD019	30	-50.0	61.1			s vein	305	45	py vein
FTD019	30	-50.0	61.1			b vein	90	5	barren quartz-carbonate veins
FTD019	30	-50.0	81.0			s vein	90	90	py vein
FTD019	30	-50.0	81.0			b vein	40	65	barren quartz-carbonate veins
FTD019	30	-50.0	82.1			b vein	170	10	barren quartz-carbonate veins
FTD019	30	-50.0	82.1			dyke	135	45	approx wispy porphyry dyke?
FTD019	30	-50.0	83.0			dyke	90	90	approx wispy porphyry dyke?
FTD019	30	-50.0	98.6			s vein	35	80	in-dyke py vein
FTD019	30	-50.0	98.6			s vein	36	86	in-dyke py vein
FTD019	30	-50.0	106.1			s vein	210	80	diffuse py-cpy veins
FTD019	30	-50.0	107.6			dyke	130	90	approx wispy porphyry dyke?
FTD019	30	-50.0	109.8			other	20	90	alteration front
FTD019	30	-50.0	113.6			bdg	20	65	bedding
FTD019	30	-50.0	115.1			bdg	10	60	bedding
FTD019	30	-50.0	116.6			bdg	330	80	bedding
FTD019	30	-50.0	116.6			s vein	50	90	sheeted quartz-carbonate-pyrite veins
FTD020	30	-50.0	22.1			b vein	210	40	crack-seal qtz-carbonate veining
FTD020	30	-50.0	25.1			s vein	0	0	@90CA sub-hori pyrite-only vein
FTD020	30	-50.0	31.1			s vein	50	90	vague pyrite veinlets
FTD020	30	-50.0	41.3			s vein	120	90	pyrite veinlets

DRILL HOLE STRUCTURAL DATA

HoleID	AMG_Azm	Hole_Dip	Depth	Alpha	Beta	Struct_Type	Dip_Dir	Dip	Description
FTD020	30	-50.0	41.3			s vein	50	90	pyrite veinlets
FTD020	30	-50.0	46.1			b vein	30	20	sheeted crack-seal qtz-carbonate veining
FTD020	30	-50.0	46.1			b vein	80	26	sheeted crack-seal qtz-carbonate veining
FTD020	30	-50.0	46.1			b vein	60	12	sheeted crack-seal qtz-carbonate veining
FTD020	30	-50.0	46.1			shear	87	44	subtle penetrative carbonate alteration brittle fracture
FTD020	30	-50.0	47.6			b vein	340	28	barren qtz-carbonate veining
FTD020	30	-50.0	48.6			b vein	330	18	barren qtz-carbonate veining
FTD020	30	-50.0	49.1			b vein	41	90	barren qtz-carbonate veining-conjugate to above?
FTD020	30	-50.0	51.1			b vein	200	10	sheeted crack-seal qtz-carbonate veining
FTD020	30	-50.0	51.1			s vein	200	50	difuse pyrite-only vein
FTD020	30	-50.0	52.3			shear	60	10	ductile shear lithology contact (check)
FTD020	30	-50.0	53.3			shear	20	80	unusual but penetrative stylolitic sericitic ductile solution shear
FTD020	30	-50.0	70.7	35	130	bdg			lamination
FTD020	30	-50.0	73.1			bdg	100	50	
FTD020	30	-50.0	80.5			bdg	300	50	bedding parallel to shear with dip slip slicks
FTD020	30	-50.0	82.1			bdg	100	40	good planar bedding
FTD021	175	-50.0	34.1			shear	20	60	weak shear
FTD021	175	-50.0	46.1			shear	40	80	dip slip slick
FTD021	175	-50.0	55.1			shear	0	68	dip slip slick
FTD021	175	-50.0	56.6			shear	30	60	discrete shear
FTD021	175	-50.0	58.1			shear	20	66	vague slick
FTD021	175	-50.0	58.1			shear	36	70	discrete chloritic shear
FTD021	175	-50.0	61.1			shear	310	44	weak dip slip slick shear
FTD021	175	-50.0	61.1			shear	340	66	weak oblique slip slick shear
FTD021	175	-50.0	61.1			lin	290	40	slick lineation
FTD022	20	-70.0	17.8			s vein	45	90	py vein
FTD022	20	-70.0	19.3	20	320	s vein		90	py vein
FTD022	20	-70.0	28.9			bdg?	10	70	vague clast alignment
FTD022	20	-70.0	31.3			s vein	290	28	k-spar vein
FTD022	20	-70.0	31.3			s vein	60	36	py vein
FTD022	20	-70.0	33.1			s vein	320	24	k-spar vein
FTD022	20	-70.0	41.7			fol	20	40	
FTD022	20	-70.0	41.7			fol	24	30	
FTD022	20	-70.0	41.7			s vein	340	60	k-spar vein
FTD022	20	-70.0	43.3			s vein	230	24	py vein
FTD022	20	-70.0	43.3			s vein	220	34	k-spar vein
FTD022	20	-70.0	46.0			s vein	90	80	ox. Py vein
FTD022	20	-70.0	47.8			s vein	296	30	k-spar vein
FTD022	20	-70.0	47.8			b vein	50	70	qtz-chl crack-seal veins
FTD022	20	-70.0	47.8			s vein	200	60	conjugate py shear veins?
FTD022	20	-70.0	47.8			s vein	270	70	conjugate py shear veins?
FTD022	20	-70.0	51.4			fol	40	38	vague
FTD022	20	-70.0	51.4			s vein	100	60	replacement qtz-(sulphide) gash vein
FTD022	20	-70.0	51.4			fol	340	60	vague
FTD022	20	-70.0	53.9			fol	336	40	
FTD022	20	-70.0	59.8			s vein	280	50	galena veinlets
FTD022	20	-70.0	59.8			bdg?	200	72	disrupted bdg
FTD022	20	-70.0	59.8			s vein	240	84	k-spar-galena veins
FTD022	20	-70.0	61.3			s vein	240	38	galena veinlets
FTD022	20	-70.0	61.3			bdg?	280	64	disrupted bdg
FTD022	20	-70.0	66.2			fol	230	78	
FTD022	20	-70.0	67.2			b vein	60	28	qtz-carb vein
FTD022	20	-70.0	74.0			shear	200	76	puggy shear
FTD022	20	-70.0	87.5			s vein	270	68	py-gal-scheelite vein
FTD022	20	-70.0	89.2			s vein	340	70	py-gal-scheelite vein

APPENDIX XI

Drill Hole Analytical Data

DRILL HOLE ANALYTICAL DATA

SampleID	SampleGroup	SampleType	HoleID	bpth	Fro	To	Date	Laboratory	JobCode	MethodAu	Method2	Method3	Method3 Ele	Au	Au-Rp1	Ag	As	Bi	Co	Cu	Mo	Pb	Pb-Rp1	Sb	W	Zn
FT060173	DD	halfNQ	FTD014	1	2	3	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	1.81		3	380		284	293		828	X		1145	2724
FT060174	DD	halfNQ	FTD014	2	3	4	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	4.01		4	61		54	185		508	X		3265	667
FT060175	DD	halfNQ	FTD014	3	4	5	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	4.52	4.86	6	31		33	36		310	X		51	636
FT060176	DD	halfNQ	FTD014	4	5	6	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	1.42		2	84		44	13		260		11	23	925
FT060177	DD	halfNQ	FTD014	5	6	7	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	2.69		4	110		83	65		570		12	33	693
FT060178	DD	halfNQ	FTD014	6	7	8	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.8		2	128		99	23		295		11	37	417
FT060179	DD	halfNQ	FTD014	7	8	9	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.79		1	45		48	18		503		11	28	593
FT060180	DD	halfNQ	FTD014	8	9	10	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	2.58		3	63		39	52		876		14	28	959
FT060181	DD	halfNQ	FTD014	9	10	11	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	1.01		4	761		532	447		2894		12	45	3082
FT060182	DD	halfNQ	FTD014	10	11	12	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	2.21		6	349		264	301		2182	X		848	1380
FT060183	DD	halfNQ	FTD014	11	12	13	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	4.29	4.21	7	297		194	477		1398	X		2559	522
FT060184	DD	halfNQ	FTD014	12	13	14	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.89		2	126		78	18		26	X	15	92	103
FT060185	DD	halfNQ	FTD014	13	14	15	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.36		X			261	22		82	X		224	174
FT060186	DD	halfNQ	FTD014	14	15	16	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	1.28		1	774		603	49		49	X		1573	112
FT060187	DD	halfNQ	FTD014	15	16	17	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.27		X	199		190	195		24	X		1130	106
FT060188	DD	halfNQ	FTD014	16	17	18	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.08		X	33		33	97		25	X		57	105
FT060189	DD	halfNQ	FTD014	17	18	19	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.47		1	302		204	210		22	X		735	241
FT060190	DD	halfNQ	FTD014	18	19	20	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	1.99		1	109		102	360		19	X		253	146
FT060191	DD	halfNQ	FTD014	19	20	21	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.44		1	145		78	104		31		11	18	133
FT060192	DD	halfNQ	FTD014	20	21	22	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.03		2	379		101	137		83	X		70	772
FT060193	DD	halfNQ	FTD014	21	22	23	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.02		1	355		64	158		90		10	52	610
FT060194	DD	halfNQ	FTD014	22	23	24	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.02		1	397		10	189		38	X		38	71
FT060195	DD	halfNQ	FTD014	23	24	25	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.04		2	166		3	177		55	X		45	67
FT060196	DD	halfNQ	FTD014	24	25	26	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.02		1	78		X	184		30	X		29	60
FT060197	DD	halfNQ	FTD014	25	26	27	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.01		X	46		12	123		18	X		21	134
FT060198	DD	halfNQ	FTD014	26	27	28	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X		X	17		9	51		20	X	11	20	158
FT060199	DD	halfNQ	FTD014	27	28	29	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X		X	13		16	203		11	X		36	111
FT060200	DD	halfNQ	FTD014	28	29	30	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.11		1	18		18	808		16	X		46	112
FT060201	DD	halfNQ	FTD014	29	30	31	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X 0.02		X	10		11	396		14	X		28	105
FT060202	DD	halfNQ	FTD014	30	31	32	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X		X	20		9	192		21	X		53	108
FT060203	DD	halfNQ	FTD014	31	32	33	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X		X	12		8	279		17	X		47	105
FT060204	DD	halfNQ	FTD014	32	33	34	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.03		2	21		19	1026		16	X		37	148
FT060205	DD	halfNQ	FTD014	33	34	35	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X		X	10		6	234		13	X		28	106
FT060206	DD	halfNQ	FTD014	34	35	36	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.04		X	15		11	338		13	X		107	118
FT060207	DD	halfNQ	FTD014	35	36	37	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.38		2	546		388	475		15	X		295	147
FT060208	DD	halfNQ	FTD014	36	37	38	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X		1	25		17	245		8	X		110	145
FT060209	DD	halfNQ	FTD014	37	38	39	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	2.02		5	319		217	2821		X	X		2329	359
FT060210	DD	halfNQ	FTD014	38	39	40	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	1.28		5	96		27	3380		X	X		2638	1492
FT060211	DD	halfNQ	FTD014	39	40	41	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.73		4	22		20	2185		14	X		533	124
FT060212	DD	halfNQ	FTD014	40	41	42	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.01		X	15		13	207		12	X		56	128
FT060213	DD	halfNQ	FTD014	41	42	43	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X		X	7		3	114		10	X		19	52
FT060214	DD	halfNQ	FTD014	42	43	44	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.02		X	7		4	99		12	X		13	50
FT060215	DD	halfNQ	FTD014	43	44	45	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.01		X	X		5	19		10	X		16	44
FT060216	DD	halfNQ	FTD014	44	45	46	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.01		X	X		7	38		13	X		14	63
FT060217	DD	halfNQ	FTD014	45	46	47	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X		X	5		5	48		11	X	X	65	
FT060218	DD	halfNQ	FTD014	46	47	48	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X		X	8		7	84		13	X		14	144
FT060219	DD	halfNQ	FTD014	47	48	49	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X		X	2		10	57		12	X		11	127
FT060220	DD	halfNQ	FTD015	0	1	2	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	0.03		X	456		169	189		1120		20	27	1210
FT060221	DD	halfNQ	FTD015	1	2	3	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	1.28		3	97		51	133		625	X		50	599
FT060222	DD	halfNQ	FTD015	2	3	4	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	2.87		6	324		308	248		1636	X		28	1471
FT060223	DD	halfNQ	FTD015	3	4	5	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	1.53		3	264		186	215		1198	X		601	1177
FT060224	DD	halfNQ	FTD015	4	5	6	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	4.14		4	255		223	158		723		12	259	855
FT060225	DD	halfNQ	FTD015	5	6	7	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	1.72		5	541		399	120		924	X		32	1053
FT060226	DD	halfNQ	FTD015	6	7	8	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	3.8	4.05	7	307		146	291		2172	X		36	1113
FT060227	DD	halfNQ	FTD015	7	8	9	2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	1.05		5	148		129	411		2177		10	64	1757

DRILL HOLE ANALYTICAL DATA

SampleID	SampleGroup	SampleType	HoleID	bpth	FroDepth	To	Date	Laboratory	JobCode	MethodAu	Method2	Method3	Method3 Ele	Au	Au-Rp1	Ag	As	Bi	Co	Cu	Mo	Pb	Pb-Rp1	Sb	W	Zn		
FT060253	DD	halfNQ	FTD015	33	34		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.16		28		37	133		91			74	232		
FT060254	DD	halfNQ	FTD015	34	35		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X		X	24		45	16		34	X		21	130		
FT060255	DD	halfNQ	FTD015	35	36.5		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W			X	10		11	86		82	X		21	277		
FT060256	DD	QtrHQ	FTD006	79	80		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.31		2	23		20	1117		174	X		57	518	
FT060257	DD	QtrHQ	FTD006	80	81		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.05		X	11		17	294		16	X		43	223	
FT060258	DD	halfNQ	FTD016	0	4		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X			1	26		21	118		829		13	24	762	
FT060259	DD	halfNQ	FTD016	4	5		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.02		1	104		82	89		881		13	42	967	
FT060260	DD	halfNQ	FTD016	5	6		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.57		3	111		92	160		1321		11	116	1580	
FT060261	DD	halfNQ	FTD016	6	7		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		1.06		7	1491		923	898		6050		13	82	2216	
FT060262	DD	halfNQ	FTD016	7	8		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.32		2	376		206	125		1186		10	86	1236	
FT060263	DD	halfNQ	FTD016	8	9		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.44		2	1015		783	78		758		18	374	707	
FT060264	DD	halfNQ	FTD016	9	10		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.26		1	450		310	50		915		11	395	853	
FT060265	DD	halfNQ	FTD016	10	11		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.21		2	205		121	74		743		18	29	531	
FT060266	DD	halfNQ	FTD016	11	12		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.04		X	36		27	6		785		10	19	265	
FT060267	DD	halfNQ	FTD016	12	13		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.08		X	25		17	32		145		13	15	167	
FT060268	DD	halfNQ	FTD016	13	14		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.74		2	21		16	52		1190		11	23	469	
FT060269	DD	halfNQ	FTD016	14	15		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.14		X	23		17	26		613		10	36	944	
FT060270	DD	halfNQ	FTD016	15	16		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.19		2	66		44	104		1132	X		29	895	
FT060271	DD	halfNQ	FTD016	16	17		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		1.2		3	23		24	14		550		12	16	575	
FT060272	DD	halfNQ	FTD016	17	18		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.13		1	16		13	28		153	X		15	187	
FT060273	DD	halfNQ	FTD016	18	19		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.91		3	177		160	120		881		39	17	1348	
FT060274	DD	halfNQ	FTD016	19	20		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.74		3	67		41	931		471		20	162	447	
FT060275	DD	halfNQ	FTD016	20	21		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.49		1	116		103	290		88	X		645	152	
FT060276	DD	halfNQ	FTD016	21	22		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.36		1	76		72	44		189	X		63	152	
FT060277	DD	halfNQ	FTD016	22	23		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.74		3	371		286	143		420		15	58	503	
FT060278	DD	halfNQ	FTD016	23	24		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.6		2	127		113	659		89		11	205	178	
FT060279	DD	halfNQ	FTD016	24	25		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.6		3	59		59	1256		232	X		45	252	
FT060280	DD	halfNQ	FTD016	25	26		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		2.14		4	778		644	1478		144	X		58	594	
FT060281	DD	halfNQ	FTD016	26	27		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		1.54		2	318		285	451		60	X		314	231	
FT060282	DD	halfNQ	FTD016	27	28		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.46		X	933		739	87		18	X		323	119	
FT060283	DD	halfNQ	FTD016	28	29		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.3		X	606		528	50		32		12	162	137	
FT060284	DD	halfNQ	FTD016	29	30		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.3		X	138		90	160		21		18	82	105	
FT060285	DD	halfNQ	FTD016	30	31		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.19		X	202		170	193		20		14	61	80	
FT060286	DD	halfNQ	FTD016	31	32		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		1.99		1	2203		1598	300		30		33	3117	379	
FT060287	DD	halfNQ	FTD016	32	33		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.12		X	321		251	251		14		15	107	105	
FT060288	DD	halfNQ	FTD016	33	34		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.07		X	258		209	331		9		12	166	99	
FT060289	DD	halfNQ	FTD016	34	35		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.08		X	158		136	179		9	X		66	82	
FT060290	DD	halfNQ	FTD016	35	36		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.02		X	33		34	33		10	X		29	83	
FT060291	DD	halfNQ	FTD016	36	37		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W		0.01		X	12		18	28		16	X		14	137	
FT060292	DD	halfNQ	FTD016	37	38		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X			X	7		12	68		X	X		24	118	
FT060293	DD	halfNQ	FTD016	38	39		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X			X	14		15	92		6	X		16	167	
FT060294	DD	halfNQ	FTD016	39	40		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X	0.02		X	9		16	14		7	X		19	148	
FT060295	DD	halfNQ	FTD016	40	41		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X			X		12	12		6	X		20	95		
FT060296	DD	halfNQ	FTD016	41	42		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X	0.04		X		10	X		6	X		X	19	82	
FT060297	DD	halfNQ	FTD016	42	43		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X			X	10		10	6		9	X		13	108	
FT060298	DD	halfNQ	FTD016	43	44		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X	0.02		X		7	6		6	X		X		76	
FT060299	DD	halfNQ	FTD016	44	45		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X			X	21		19	13		5	X		22	54	
FT060300	DD	halfNQ	FTD016	45	46		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X			X	19		18	2		10	X		24	61	
FT060301	DD	halfNQ	FTD016	46	47		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X			X	25		14	12		18	X		26	160	
FT060302	DD	halfNQ	FTD016	47	48		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X	0.05		X	331		237	310		15	X		12	21	315
FT060303	DD	halfNQ	FTD016	48	49		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X			X	94		13	18		14		33	X	103	
FT060304	DD	halfNQ	FTD016	49	50		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X	0.01		2	240		112	382		25		16	17	1779	
FT060305	DD	halfNQ	FTD016	50	51		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X			1	41		23	48		16	X		17	80	
FT060306	DD	halfNQ	FTD016	51	52		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X			1	68		36	90		25	X		16	162	
FT060307	DD	halfNQ	FTD016	52	53		2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/OES(1-5)	A/OES(10)	Sb W	X	0.03		1	305		212</								

DRILL HOLE ANALYTICAL DATA

SampleID	SampleGroup	SampleType	HoleID	bpth	FroDepth	To	Date	Laboratory	JobCode	MethodAu	Method2	Method3	Method3 Ele	Au	Au-Rp1	Ag	As	Bi	Co	Cu	Mo	Pb	Pb-Rp1	Sb	W	Zn
FT060240	CHECKS	FT060240	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	X			47		9	74		23	X	X	129	
FT060266	CHECKS	FT060266	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	0.05		X	43		26	8		822	X		24	265
FT060292	CHECKS	FT060292	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	0.03		X	10		12	66	X		X		30	106
FT060318	CHECKS	FT060318	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	0.03		X	29		15	32		60	X		16	862
OxP39	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	14.85												
SY-4	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W		X	X			3	5		12	X	X	96	
SJ10	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	2.62												
TKC5	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W			15	586		154	1769		1325		169	68	1025
SN26	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	8.37												
TKCLOW-2	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W			5	132		39	305		177		57	24	291
Ox42	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	0.62												
WMG-1	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W			2	X		183	5952		12	X	X	103	
OREAS 45P	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W		X		14		127	715		30		12	X	140
OxH37	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	1.28												
OxL34	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	6.02												
SARM1	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W		X		20		1	14		40	X	X	54	
OxP39	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	14.65												
SARM4	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W		X	X			53	2		6	X	X	61	
SJ10	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	2.66												
SY-4	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W		X	X			3	X		10	X	X	88	
SN26	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W	8.18												
TKC5	STD	Genalysis	FTD016				2006/08/24	Genalysis	1170.0/0608009	FA50/AAS	A/0ES(1-5)	A/0ES(10)	Sb W			14	614		151	1621		1466		169	65	1097