Greatland Pty Ltd

Geological Log

Hole	FTD035					
Project	Fire Tower	East	448274	Azimuth 180 degrees	Drilled By	Edrill
Prospect	Fire Tower East	North	5405217	Inclination -60 degress	Drill Type	UDR200LS
Grid	AGD66	RL	544	Total Depth 153.2m	Drill Date	2009 October
		Proj.	AMG			

massive
hatch — pervassive — Logged by AJones
stipple — disseminated
swiggle — narrow vein

row	From	To	Colour Weathering	Structure type 1	Structure type 2	Angle CA	Graphic structure (0.062, 0.25, 1, 4, 16)	Description	Alteration: Sil.	Ser.	Py	CO3		V	S	P	Vein Qtz %	Mineralization Assemblage	%	V	S	P	Au
73	72	73					V	SANDSTONE.															
								12 QTZ VEINLETS 70·8-73·4M															
74	73	74																					
75	74	75	FR	MODERATELY FOLIATED		Si 40°	V	73·4-82·0M NOT FRACTURED BUT SIMILAR TO UNIT ABOVE.										TRACE PY					
76	75	76						COARSE GRAINED FELD+QTZ+ PUMICE SST.															
77	76	77					V	MASSIVE, NO BEDDING.															
78	77	78						MINOR QTZ VEINLETS.															
79	78	79					V	TRACE DISS PYRITE WITH SOME CONCENTRATIONS ON FRACTURES.															
80	79	80					V																
81	80	81				Si 45°																	
82	81	82					V																
83	82	83				VN 70°	V										QTZ <1%						
84	83	84	FR	FOLIATED		Si 40		82·0-85·9M FELD+QTD+PUMICE FOLIATED SST WITH GHOST-LIKE ALT OF										TRACE PY					
85	84	85				VN 55	V	STRONG SILICA, MINOR SERICITE & TRACE DISS PYRITE.									QTZ 2%						
86	85	86					V	QTZ VEINLETS @ 83·6M ×1, 84·85M ×6 85·85M ×7									QTZ 3%						
87	86	87	FR	MASSIVE			V	85·9-89·65M WEAKLY MAGNETIC MAFIC DYKE? BASALT?				Cl					QTZ <1%						
88	87	88				VN 30°	V	CHLORITE ON FRACTURES, REMNANT MAFIC MINERALS IN GROUNDMASS															
89	88	89					V	1CM QTZ VEIN @ 87·4M. POSSIBLE INTRUSIVE CONTACT?															
90	89	90					V																

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massive; hatch: pervassive; stipple: disseminated; swiggle: narrow vein; Logged by: AJones

row	From	To	Colour Weathering	Structure type 1	Structure type 2	Angle CA	Graphic structure (0.062, 0.25, 1, 4, 16)	Description	Sil.	Ser.	Py	CO3	Na	V	S	P	Vein Qtz %	Mineralization Assemblage	%	V	S	P	Au
91	90	91	FR	FOLIATED				89.65-103.0M DARK GREY STRONGLY SILICEOUS, COARSE VOLCANICLASTIC															
92	91	92				S1 30°		SANDSTONE/CONGLOMERATE/BRECCIA															
93	92	93						NON-MAGNETIC DISSEMINATED PYRITE															
94	93	94						SOME PINK ALTERATION, PROBABLY SODIUM FELDSPAR															
95	94	95						CLAY ON SOME FRACTURES & THIN VEINLETS															
96	95	96				S1 40°		SOME PSEUDO-CLASTS PROBABLY ALTERATION															
97	96	97																					
98	97	98																					
99	98	99																					
100	99	100																					
101	100	101																					
102	101	102																					
103	102	103																					
104	103	104	FR	FOLIATED				103.0-109.0M COARSER THAN ABOVE CONGLOMERATE/BRECCIA.															
105	104	105						NON-MAGNETIC CLAY-ALT/ WEATHERING ON SOME FRACTURES.															
106	105	106						WEAK Na FELDSPAR ALT															
107	106	107																					
108	107	108																					