

## Greatland Pty Ltd

Greatland Pty Ltd																																									
Hole		FTD036										Geological Log										massive																			
Project		Fire Tower										East		448157		Azimuth 180 degrees										Drilled By		Edrill		hatch		pervasive		Logged by		AJones					
Prospect		Fire Tower East										North		5405305		Inclination -60 degrees										Drill Type		UDR200LS		stipple		disseminated									
Grid		AGD66										RL		495		Total Depth 142.8m										Drill Date		2009 October		swiggle		narrow vein									
												Proj.		AMG																											
														0.062		0.25		1		4		16																			
row	From	To	Colour Weathering	Structure type 1	Structure type 2	Angle CA	Graphic structure	Log grainsize	Description										Sil.	Ser.	Py	CO3	Ng	V	S	P	Vein Qtz %	Mineralization Assemblage		%	V	S	P	Au							
73	72	73					v		NON-MAGNETIC FELDSPAR DOMINANT SST (MINOR QTZ?)										/				/				2%														
74	73	74					.												/				/				↓														
75	74	75					✓												/				/				↓														
76	75	76					.												/				/				1%														
77	76	77		MASSIVE			v		FINER GRAINED FROM 76M BUT REMAINS SILICA + SODIUM/KSPAR ALTERED										/				/				↓														
78	77	78					v		MASSIVE 76-87M, RARE BEDDING										/				/																		
79	78	79					.												/				/																		
80	79	80					✓		2CM VEIN@80.5M AND 82.5M										/				/																		
81	80	81					.		LOOK TO CONTAIN HEMATITE (OR GALENA?)+PY+FE+QTZ+CARB										/				/				2%														
82	81	82					↓												/				/																		
83	82	83					v												/				/				4%														
84	83	84					.		LARGE 10 CM CLAST OF SST @ 84.5M										/				/																		
85	84	85					v												/				/				<1%														
86	85	86					.												/				/				↓														
87	86	87					v												/				/																		
88	87	88	FRESH	WEAK FOLIATION			.		87.0-100.6M MASSIVE GREY SST/ SILTSTONE										/				/				<1%														
89	88	89					.		NOT REALLY ALTERED WEAK FOLIATION										/				/				1%														
90	89	90					.												/				/				↓														

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row	From	To	Colour Weathering	Structure type 1	Structure type 2	Angle, CA	Graphic structure	Log grain size	Description					Sil.	Ser.	Py	CO3	V	S	P	Vein Qtz %	Mineralization Assemblage		%	V	S	P	Au						
				MASSIVE																														
91	90	91							MASSIVE VOLCANIC SANDSTONE													1%												
92	91	92							MINOR SILTSTONE													↓												
93	92	93							WEAKLY SILICEOUS													<1%												
94	93	94																				↓												
95	94	95																				↓												
96	95	96							QTZ-CARB-PY VEINING UP TO 4%.													4%												
97	96	97																				<1%												
98	97	98																				↓												
99	98	99																																
100	99	100																																
101	100	101	FRESH						100.6-101.5M GREEN SERICITE-PY ALT SILTSTONE/SST QTZ-PY-GN VEINS													5%												
102	101	102	FRESH						101.5-101.65M BLACK SILTSTONE																									
103	102	103	FRESH	BRECCIATED			Q.v		101.65-104.2M DARK GREY-GREEN BRECCIA/SST																									
104	103	104					Q.v		LARGE SHALE CLASTS DISS PYRITE & BLEBS UP TO 1CM																									
105	104	105					Q.v		MODERATELY ALTERED																									
106	105	106	FRESH	BEDDED					104.2-111.4M GREY-GREEN BEDDED SILTSTONE/SANDSTONE (GRADED)																									
107	106	107					So 40		FELDSPAR & SHALE FRAGMENTS IN SANDSTONE																									
108	107	108							105.3M 2CM QTZ-CARB VEIN UNALTERED													2%												