

## DIAMOND DRILL RECORD

HOLE NUMBER : BT 142

LOGGED BY : AFR

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
37.5	40.4	2.9	100	Complex contact zone comprising fine grained alkali granite, layered zones of aplite, pegmatite segregations. No obvious mineralization.		97	98	<0.01								
						100	101	"								
40.4	47.0	6.6	100	Generally fine to medium grained grey-cream alkali granite. No significant alteration. Zones of intense biotite from 40.95m to 42.3m. Gradual increase in grain size.		103	104	"								
						106	107	"								
47.0	48.1	1.1	100	Approaching medium grained equigranular alkali granite. Unaltered.												
48.1	48.4	0.3	100	Grades into grey greisenised granite about a 1cm wide quartz-feldspar-chalcopyrite vein at 40° CA.		109	110	<0.01								
						110	111	"								
						111	112	"								
48.4	63.4	15.0	100	Back into unaltered fine to medium grained grey-cream alkali granite with minor zones of pinkening grading to spotty scarlet colours, especially from 54.5 to 62.0m. No obvious mineralization.		112	113	"								
						113	114	"								
						114	115	"								
						115	116	"								
						116	117	"								
63.4	92.5	29.1	100	Definite increase in grain size, grading to medium grained grey cream alkali granite without significant alteration or mineralization.		117	118	"								
				From 64.5m to 66.0m there is pronounced pinkening and scarlet		118	119	"								
				colouration with a pegmatite segregation 8cms wide at 66.0m. (45° CA).		119	120	"								
				Elsewhere there is only very minor pinkening, often restricted to		120	121	"								
				5cm zones about joints.		121	122	"								
						122	123	"								
						123	124	"								
						124	125	"								
92.5	99.5	7.0	100	As above, medium grained grey-cream unaltered alkali granite but with common sericite clay on joints.		125	126	"								
						126	127	"								
						127	128	"								
99.5	110.15	10.55	100	As before. Medium grained slight cream-pink alkali granite. Common sericite clay joints. Overall there is a gradual increase in pinkening.		128	129	"								
						129	130.5	"								
	110.15			CONTACT. CHANGE IN LITHOLOGY.												
110.15	112.6	2.45	100	Abrupt change to white-cream, pink pegmatite and aplite. No obvious mineralization. Sericite micas.												
112.6	124.95	12.34	100	Grades into cream fine grained altered zone with blotchy, spotted micas throughout. Similar to BT109. Common sericite clays on joints. Blotchy alteration. Feldspathic alteration.												
124.95	125.0	0.05	100	Greenish massive quartz and sericite clays. Layering 45° CA. Vein? or fault?												
	125.0			CONTACT? CHANGE IN LITHOLOGY												
125.0	130.5	5.0	100	Strongly sericitised alkali granite. Cream pink colour. Normal texture. No obvious alteration												

Sn Assays by Mines Department, Launceston (XRF)

END OF HOLE

892154