

DIAMOND DRILL RECORD

HOLE NUMBER : BT 136

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
<u>SUMMARISED LOG</u>																
0	22.0	0	0	Non-coring in weathered Poimena Adamellite.												
22.0	32.6	10.6	100	Broken, slightly weathered P.A.												
32.8	34.4	1.6	100	Fresh, grey P.A. Minor microgranite.												
34.4	35.9	1.5	100	Pinkened P.A.												
35.9	37.7	1.8	100	Coarse grained greisenised P.A., feldspar rock. Minor sulphides. Large rounded quartz fragments.												
37.7	37.9	0.2	100	Mixed quartz, feldspar, minor P.A. Pegmatite?												
37.9	40.2	2.3	100	Mixed greisen-granite and coarse greisen. Common sulphides, especially sphalerite, associated with feldspar rock.												
40.2	48.0	7.8	100	Siliceous granular greisen (quartz-topaz-mica rock) with common medium to coarse grained disseminated cassiterite. Sulphides. Variable carbonate, sericite alteration.												
48.0	52.0	4.0	100	Grey-cream sericite greisen-granite. Minor disseminated cassiterite. Sulphides.												
<u>DETAILED LOG</u>																
Detailed descriptions of the relevant mineralised granite types and adjacent cap rocks are presented below. They are described in relation to the core as laid out in boxes and the reader is referred to the photographs, especially for engineering considerations.																

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				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃					
Box 8	R1-1	Poimena Adamellite. Grey to pink. Slight argillisation.																		
	R1-2	P.A. Pronounced pinkening. Slight green argillisation.																		
	R2-1	Pinkened P.A. (80%), grading to light pink feldspar rock (20%).(35.5m)																		
	R2-2	Light pink amorphous feldspar rock (50%) grading to pink-grey P.A.																		
	R3-1	Grey-pink P.A. grading to grey-green greisenised P.A.																		
	R3-2	Several broken pieces of feldspar rock, grading to greisenised P.A., with trace coarse disseminated bornite, chalcopyrite.																		
	R3-3	Light pink feldspar rock grading to green-grey greisenised P.A. Trace very fine pyrite.																		
Box 9	R1-1	Grey-green greisenised P.A. with trace diss. sulphide (pyrite).																		
	R1-2	Grey-green greisenised P.A. with xenolith? of much finer mica rock. Trace very fine sulphide. Siderite present.																		
	R1-3	Ditto.																		
	R2-1	Coarse grained grey-green greisenised P.A. Interstitial siderite. Trace sulphide. (37.0m)																		
	R2-2	Ditto. Interstitial siderite. Trace pyrite and dark sulphide, possibly sphalerite.																		
	R3-1	Ditto. Grades into coarser rock.																		
	R3-2	Mixed rock, containing grey-green greisenised P.A., massive dark green mica, minor amorphous feldspar, large rounded fragments of quartz up to 10cms in length.																		
Box 10	R1-1	Mixed rock derived from greisenised P.A. lithologies, fragments of quartz, mica. Scattered lime grey clay patches. At base is crudely layered feldspar rock with sphalerite.																		
	R2-1	Mixture of grey greisenised P.A. and white feldspar rock studded with coarse sphalerite. Feldspar rock forms a crude vein at 30°C.A. (38.5m)																		
	R2-2	Broken fragments of feldspar-sphalerite vein, cutting grey greisenised granite which may have been P.A.? Equally, it could be alkali granite, (very coarse).																		
	R3-1	Grey sericitised greisenised medium to coarse grained granite with disseminated trace sulphides. N.O. SnO ₂ as with all preceding descriptions.																		
Box 11	R1-1	Grey-cream medium to coarse grained granite-greisen. N.O. SnO ₂ .																		
	R1-2,3	Ditto. Coarse quartz grains are suggesting that this granite-greisen is derived from the P.A.? (40m)																		
	R2-1	Grey-cream granite-greisen grading to darker green greisen with coarse disseminated dark micas. Abundant coarse diss. SnO ₂ .																		
	R3-1	Grey-green granular siliceous greisen with disseminated coarse SnO ₂ . Speck moly. Siderite present.																		

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INTERVAL (m)	RECOVERY		DESCRIPTION	FORM.	% Sn.													
	FROM	TO			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g t Ag	% WO ₃		
		R3-2	Ditto. Although slightly less mica, resulting in a grey rock. Siliceous granular greisen. Specks moly.															
Box 12		R1-1	Massive, equigranular, monotonous grey siliceous granular greisen. Common disseminated medium grained cassiterite. (41.5m)															
		R2-1	Variable grey-green to lime green siliceous granular greisen with variable dark green mica. Abundant coarse disseminated SnO ₂ concentrated in darker zones, associated with coarse micas.															
		R3-1	Variable grey-green to lime-green siliceous granular greisen with bands, zones of intense dark green mica. Abundant coarse diss. SnO ₂ . Common copper sulphides, bornite, chalcopyrite very common near base, in discrete clusters or disseminated. Lime green sericite in zones. (43m). Weak stressed fabric, evident. Trace disseminated fluorite.															
Box 13		R1-1	Grey siliceous granular greisen. Pale colour due to carbonatisation, sericitisation of dark green micas. Trace disseminated copper sulphides. N.O. SnO ₂ . Weak stress fabric.															
		R1-2	Pale grey siliceous granular greisen. Stress fabric at 10° C.A. defined by veinlets, streaks of siderite. Micas altered by siderite. N.O. SnO ₂ . Trace fine sulphides.															
		R2-1,2	Darker green-grey siliceous granular greisen with disseminated dark green micas. Abundant disseminated medium grained SnO ₂ . Stress fabric 10° C.A.															
		R3-1	As above, but slightly paler colour due to alteration of dark green micas. Siliceous granular greisen. Trace moly. (44.5m)															
		R3-2	Pale grey green siliceous granular greisen with abundant diss. medium to coarse grained SnO ₂ . Slightly less topaz?, becoming less granular.															
Box 14		R1-1	Grey-green siliceous granular greisen (30%) grading to grey-cream greisen-granite. Colour change consistent with rock types. Abundant SnO ₂ in first zone of granular greisen but becoming less common in the greisen-granite.															
		R2-1	Grey-cream granite-greisen (5%) grading to dark grey siliceous granular greisen. Medium grained texture. Trace diss. sulphides, perhaps trace SnO ₂ . (46m)															
		R3-1	Dark to pale grey siliceous granular greisen. Common to very abundant coarse disseminated SnO ₂ . Also another dark opaque mineral, perhaps wolframite. Extensive carbonatisation.															
Box 15		R1-1	Pale grey to lime green, variably sericitised siliceous granular greisen with abundant very coarse diss. SnO ₂ in a zone 10cms from															

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KWPS

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FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.
				top. Otherwise very common disseminated throughout rock. Grades into grey medium grained greisen-granite.											
		R2-1		Grey greisen granite. N.O. SnO ₂ . (47.5m)											
		R2-2		Dark grey medium greisen-granite grading to coarser very siliceous granular greisen with abundant disseminated coarse SnO ₂ in a crudely layered zone. Lime green sericite common near base.											
		R3-1		Dark grey siliceous granular greisen grading to medium grained granite-siliceous (cream grey colour). Sericitised. N.O. SnO ₂ .											
Box 16		R1-1		Cream green granite-greisen grading to darker grey greisen-granite. Trace fine diss. SnO ₂ . (49m)											
		R1-2		Grey-green-cream greisen-granite. Common sericite micas. Perhaps, trace but N.O. SnO ₂ .											
		R201, 2-4		Very broken low angle joints in grey-green-cream greisen-granite. As above. Trace, fine disseminated SnO ₂ .											
		R3-1		Grey-green greisen-granite. Trace SnO ₂ .											
Box 17		R1		Several fragments, jointed of grey-cream-green greisen-granite. Trace perhaps of diss. SnO ₂ .											
		R2		Grey-green cream granite-greisen with trace diss. SnO ₂ . (52m)											
				END OF HOLE											

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