

DIAMOND DRILL RECORD

HOLE NUMBER : BT 123

LOGGED BY : AFR

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.									
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.
<u>SUMMARISED LOG</u>															
0	21	0	0	Non-coring in weathered Poimena Adamellite.											
21	25.5	0	0	Coring in weathered P.A. but no recovery.											
25.5	34.3	8.8	100	Intensely weathered porphyritic adamellite, microgranite and with zones of crumbly clayey material.											
34.3	36.3	2.0	100	Mainly fresh, slightly argillised pink grey porphyritic adamellite, and minor microgranite.											
36.3	37.3	1.0	100	Mixed zone of pegmatite with 20cm layer of massive quartz at the base.											
37.3	39.1	1.8	100	Mainly grey-cream greisen-granite and minor medium grained greisened alkali granite. Could be feldspathised rather than greisenised.											
39.1	51.7	12.6	100	Mainly medium grained siliceous granular greisen (quartz-topaz-mica rock), with coarse disseminated phlogopite which is variably altered by sericite/siderite. Commonly there is abundant to common disseminated cassiterite, erratically distributed throughout. Minor to common sulphides, including molybdenite, perhaps sphalerite but mainly chalcopyrite and bornite.											
51.7	65.0	13.3	100	Grades into grey-cream medium grained sericite greisen-granite. Minor to trace disseminated cassiterite.											
<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 core boxes and the reader is referred to the photographs, especially for engineering considerations.															
Box 9	R1-1			Pink-grey slightly argillised Poimena Adamellite.											
	R2-1			Broken, pink-grey crumbly P.A.											
	R2-2			Mixed pink grey pegmatitic/granite. Acicular biotite.											
	R3			Mixed pink grey pegmatite/granite. Not P.A. (37.0m)											
Box 10	R1-1			Grey pegmatite rock grading to grey green greisen-granite (alkali granite).											

932071

DIAMOND DRILL RECORD

HOLE NUMBER : BT 123

LOGGED BY : AFR

2

INTERVAL (m)	RECOVERY		DESCRIPTION	FORM.	% Sn.											
	FROM	TO			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO ₃
	R1-2		First 10cms, minor grey green granite-greisen, then massive quartz layer. Followed by gre-green granite-greisen.													
	R2-1		Grey-cream granite-greisen. (38.5m) Weak blotchy feldspathised texture.													
	R3		Grey cream grading to darker grey greisen-granite. Perhaps trace SnO ₂ .													
Box 11	R1-1		Grey-cream greisen-granite (10%) grading to darker grey green medium grained greisen. N.O. SnO ₂ .													
	R2-1		Grey-green medium grained greisen grading to siliceous granular greisen. Abundant diss. bornite, chalcopyrite. (40.0m)													
	R3-1		Grey-green siliceous granular greisen. Minor cu-sulphides.													
Box 12	R1-1		Grey siliceous granular greisen grading to granular greisen with abundant coarse dark green phlogopite micas. Minor diss. sulphide and perhaps SnO ₂ .													
	R2-1,2		Grey-green siliceous granular greisen. Minor diss. SnO ₂ . Trace moly. (41.5m)													
	R3-1		Grey-green siliceous granular greisen. Abundant diss. SnO ₂ .													
Box 13	R1-1		Grey-green siliceous granular greisen. Common diss. SnO ₂ .													
	R2-1		Grey-green granular greisen. Common clusters, diss. cu-sulphide. Minor SnO ₂ . Micas are altered by sericite, carbonate. (43.0m)													
	R3-1		Pale grey-green sericitised granular greisen. Vuggy clayey veinlets. Patches of intense sericite with abundant coarse SnO ₂ . Minor diss. chalcopyrite.													
	R3-2		2cm sericite clay vein on edge of grey granular greisen. Common clusters chalcopyrite in greisen.													
Box 14	R1-1		Pale grey-green sericitised granular greisen (40%) grading to grey-green siliceous granular greisen with dark green disseminated phlogopite micas. Perhaps trace SnO ₂ . Minor siderite.													
	R2-1		Grey-green siliceous granular greisen. Trace chalcopyrite. Perhaps trace SnO ₂ . (44.5m)													
	R3-1		Grey-green siliceous granular greisen. Speck moly. Trace siderite. Perhaps trace SnO ₂ .													
Box 15	R1-1		Grey-green siliceous granular greisen with carbonatisation of dark green micas. Trace diss. chalcopyrite. Perhaps trace SnO ₂ .													
	R2-1		Grey-green siliceous granular greisen. Alteration of micas by siderite. Perhaps trace SnO ₂ . (46.0m)													
	R2-2		Grey-green siliceous granular greisen. Perhaps trace SnO ₂ . Common siderite alteration of micas.													
	R3-1		Pale grey-green siliceous granular greisen. Abundant diss. SnO ₂ .													

932072

DIAMOND DRILL RECORD

HOLE NUMBER : BT 123

LOGGED BY : AFR

3

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g t Ag
				Trace moly. Abundant siderite alteration of micas.												
Box 16	R1-1			Pale grey-green grading to darker grey-green siliceous granular greisen. Common alteration of dark green micas. Minor siderite. Minor diss. SnO ₂ , especially at base where there is abundant coarse diss. SnO ₂ .												
	R2-1			Dark grey-green siliceous granular greisen. Common siderite. Abundant diss. SnO ₂ . Trace moly. (47.5m)												
	R3-1			(40%) dark grey green siliceous granular greisen grading to paler variety due to sericite alteration of dark micas. Common diss. SnO ₂ .												
Box 17	R1-1			Pale grey-green siliceous granular greisen with diss. minor sulphides. Perhaps trace SnO ₂ . Abundant alteration of micas.												
	R2-1			Pale grey-green siliceous granular greisen. Intense sericite alteration of micas. Trace sulphide. (49.0m)												
	R3-1			Pale grey-green siliceous granular greisen. Trace sulphide, possibly sphalerite. N.O. SnO ₂ . Sericite alteration of dark green phlogopite.												
Box 18	R1-1			Pale grey green siliceous granular greisen. N.O. SnO ₂ . Trace sulphide. Intense alteration of dark micas by sericite, siderite.												
	R2-1			Siliceous granular greisen with trace diss. bornite. Pale grey-green. Common alteration of micas. (50.5m)												
	R2-2			As before, pale grey-green siliceous granular greisen. Common siderite alteration of micas. Trace diss. sulphides. N.O. SnO ₂ .												
	R3-1,2			Pale grey-green granular greisen with altered dark micas. N.O. SnO ₂ . Common siderite. Trace sulphides.												
Box 19	R1-1,2			(50%) pale grey green granular sericitised greisen grading into grey-green greisen-granite (intense sericite alteration). N.O. SnO ₂ . Trace sulphide. (52.0m)												
	R2-1			Grey-green greisen-granite. Sparse siderite. N.O. SnO ₂ .												
	R3-1			Grey-green sericite greisen-granite. Sparse siderite. Trace moly., sulphide. N.O. SnO ₂ .												
Box 20	R1,R2,R3			Grey-green-cream sericite greisen-granite with sparse siderite. N.O. SnO ₂ . Trace moly. Strongly sericitised dark micas, now light green. (53.5m) at end of R1.												
Box 21	R1,R2,R3			Grey-green sericite greisen-granite with tendency to granular greisen in first 50cms. Common clayey joints. Common siderite. N.O. SnO ₂ . (56.5m) at end of R3.												
Box 22	R1,R2,R3			Grey-green sericite greisen-granite with common pink brown siderite.												

932073

DIAMOND DRILL RECORD

HOLE NUMBER : BT 123

LOGGED BY : AFR

4

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	p/t Ag
				N.O. SnO ₂ (58.0m) at end of R2.												
Box 23	R1-1			Grey-green-cream greisen-granite. Trace of fine to medium diss. SnO ₂ . (59.5m)												
	R2-1			As before. N.O. SnO ₂ .												
	R3-1			Grey-cream greisen-granite. Trace of diss. fine SnO ₂ .												
Box 24	R1-1			Grey-cream greisen-granite. N.O. SnO ₂ .												
	R2,R3			Grey-cream greisen-granite. Trace very fine SnO ₂ . (62.5m) at end of R2.												
Box 25	R1,R2,R3			Grey-cream greisen-granite. Very light trace fine SnO ₂ . (64m)												
Box 26	R1,R2			Grey-cream greisen-granite. N.O. SnO ₂ . (65m)												
				END OF HOLE												

932074