

DIAMOND DRILL RECORD

HOLE NUMBER : BT 66

LOGGED BY : L.MARTIN

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
0	18.0	-	-	SAND: Coarse grained, yellow - orange iron oxide stained.												
SUMMARY NUTMAQ TIN CORE ANALYSER RESULTS (MAG)																
18.0	21.0	2.4	80	POIMENA GRANITE: Coarse grained, porphyritic with light and dark pink feldspars, fresh black biotite but light green and altered in some zones. Lower boundary sharp over 1cm at 85°.		19.4	48	<0.10								
				18.4 - 19.3m: Core very broken up, yellow clay fillings in some fractures. Biotite altered to light green mica.			49	0.46								
				20.65 - 21.0m: Light pink rock with pink feldspars and light green altered biotite.			50	0.41								
							56.4	<0.10								
							57	0.21								
							58	1.46								
							59	1.00								
21.0	21.08	0.08	100	PEGMATITE: Dark green rock of coarse quartz and fine recrystallized dark green biotite merging into a coarse pink feldspar rich zone at 21.05m, with asicular black biotite 0.5cm long, concentrated at junction with aplite below.			60	5.8								
							61	0.97								
							62	3.02								
							63	0.50								
							77	<0.10								
21.08	21.42	0.34	100	APLITE: Very fine grained, medium grey to pinkish in places, vaguely banded. Feldspars are green and chloritized near poimena granite in unit at 21.42 - 21.62m. 21.22 - 21.29m: Aplitic zone with some coarse pink feldspars.												
21.42	21.62	0.20	100	POIMENA GRANITE: Coarse grained, porphyritic with light and dark pink feldspars and altered light green mica. Boundaries are sub horizontal to 80° with a concentration of black biotite in poimena granite up to 5cm from the boundary.												
21.62	24.47	2.85	100	APLITE/VERY FINE GRAINED GRANITE: 21.62 - 21.8m: Pink-red rock with abundant black biotite and moderately pink feldspar, grading into: 21.8 - 23.25m: Pink to grey, mottled not so rich in biotite. 23.25 - 24.0m: Medium grained, with sheared upper boundary at 25°. Grading into: 24.0 - 24.47m: As for 21.8 - 23.25m.												
24.47	26.15	1.68	100	APLITE, FINE GRAINED GRANITE AND PEGMATITE: Complex zone of mixed lithologies; zones and veins of aplite and pegmatite in very fine grained granite. The granite is composed of fine pink feldspar, quartz, asicular black biotite and minor light green altered muscovite. Gradational boundaries. 24.94 - 25.06m: Aplitic zone, very fine grained with grey and pink banding. Sharp boundaries at approx. 90°, marked by 1cm wide band of pegmatite. 25.66 - 25.74m, 25.98 - 26.10m: Aplitic zones, light to medium grey, finely banded. Gradational lower boundaries. Sharp upper												

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DIAMOND DRILL RECORD

HOLE NUMBER : BT 86

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MWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g Ag
				boundaries marked by coarse pegmatite band 1-2cm wide at 90° approx. 25.54 - 25.66m: Granite; medium to coarse grained. Medium pink feldspars. Gradational upper boundary; sharp lower boundary at approx. 90°. 24.58 - 24.64m; 25.41 - 25.43m: Pegmatite zone of coarse grained quartz and light pink feldspar.												
26.15	29.77	3.62	100	LOTIAH GRANITE GREISEN: Fine grained, light pink to grey with some pinker zones. Slightly to moderately greisenized with a 'sugary' texture and fresh flakes of black biotite. More greisenized and altered at 28.7 - 29.77m.												
29.77	41.98	12.21	100	LOTIAH GRANITE: Fine grained, pink to grey, fresh and hard. Some very pink zones as haloes and fine fractures, from 32.45 - 32.65m, 32.97 - 33.1m and 33.25 - 34.10m. 34.80 - 35.0: Pegmatite zone with coarse quartz, light pink feldspar and abundant dark to medium green altered micas. 35.0 - 38.3m: Zone of several fluorite and talc veins <2mm width, at 10 - 30°.												
41.98	50.13	8.15	100	LOTIAH GRANITE: 41.98 - 47.7m: Medium to coarse grey, pink to grey, hard and fresh. Altered and pink rock from 41.2 - 42.5m. 47.7 - 50.13m: Coarse grained with minor much coarser crystals of feldspars, quartz and micas in patches. Pegmatite veins with pink granite haloes for several cm occur at 47.64m, 48.4, 48.64, and 49.2m, and are composed of coarse, moderately pink feldspar and black biotite.												
					45.0	48.0	0.03		<0.1	<0.1	<0.01	<0.01				
					48.0	49.0	0.17		<0.1	<0.1	<0.01	<0.01				
					49.0	50.0	0.12		<0.1	<0.1	<0.01	<0.01				
50.13	54.88	4.75	100	PEGMATITE: Coarse grained quartz, dark pink and light pink feldspar and some dark green interstitial biotite, and grading into zones of medium grained light pink quartz-feldspar rock. Upper boundary fairly sharp at 10°, and lower boundary gradational. 51.44 - 51.81m: Dark green altered zone of abundant dark green mica, grey quartz and light green feldspars. Gradational upper and lower boundaries. 50.65m: Pyrite vein <1cm wide at 45°. 54.0 - 54.32, 54.75 - 54.88m: Pegmatite zones with abundant dark green biotite.												
					50.0	51.0	<0.01		<0.1	0.3	<0.01	<0.01				
					51.0	52.0	0.02		<0.1	<0.1	<0.01	<0.01				
					52.0	53.0	0.01		<0.1	<0.1	<0.01	<0.01				
					53.0	54.0	<0.01		<0.1	<0.1	<0.01	<0.01				
					54.0	55.0	0.02		<0.1	<0.1	<0.01	0.01				
54.88	59.50	4.62	100	QUARTZ - FELDSPAR ROCK: 54.88 - 58.55m: Fine grained light pink to greyish with a recrystallized 'sugary' texture and minor interstitial biotite. Gradational lower boundary. Purple fluorite vein <1cm wide at 20°.												
					55.0	56.0	0.01		<0.1	<0.1	<0.01	<0.01				
					56.0	57.0	0.06		<0.1	<0.1	<0.01	<0.01				
					57.0	58.0	0.55		<0.1	<0.1	<0.01	<0.01		6	<0.01	

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DIAMOND DRILL RECORD

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KWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
				from 55.74 - 55.97m. (Ret. 57.66 - 57.7m)		58.0	58.9	0.89	<0.01	<0.1	<0.1	0.01	<0.01	0.001	3	<0.01
				58.55 - 59.50m: Finer grained and speckled version of above.		58.9	59.2	1.09		WET CHEMISTRY	58.9 - 59.2		1.03% Sn			
				Grades into:		59.2	60.2	3.02	<0.01	<0.1	<0.1	0.02	0.01	0.002	2	<0.01
						60.2	61.2	2.02	<0.01	<0.1	<0.1	0.01	0.01	0.005	5	<0.01
59.50	62.8	3.3	100	BIOTITE ROCK: Coarse grained, dark green and altered rock with abundant biotite, medium green muscovite, minor grey quartz and light green altered feldspar. Fine brown cassiterite and minor specks of chalcopyrite throughout. Abundant cassiterite 59.88 - 60.3, 60.55 - 60.65, and 61.7 - 61.8m. Minor poikilitic cassiterite to 2cm diameter. (Ret. 60.09 - 60.14m) (Ret. 62.02 - 62.13m)		61.2	62.2	2.04	<0.01	<0.1	<0.1	0.01	0.01	0.002	3	<0.01
										WET CHEMISTRY	58.9 - 59.2		1.03% Sn			
62.8	70.95	7.74	95	QUARTZ - FELDSPAR ROCK: Fine grained, pink grading to light pink-grey at 65.8m. Minor interstitial green micas. Moderate fracturing. Dark green mica rich zones at 63.3 - 63.14, and 64.55 - 64.87m. (Ret. 65.01 - 65.07m) 67.45 - 67.85m: Fine grained speckly zone. 68.94 - 70.95m: Very fractured zone with abundant pea-green clay filled veins. Upper boundary of zone is defined by a shear at 15° filled with pea-green chlorite and clays.		62.2	63.2	0.54	<0.01	<0.1	<0.1	<0.01	<0.01	0.003	1	<0.01
						63.2	64.2	0.16	<0.01	<0.1	<0.1	<0.01	<0.01	0.001	1	<0.01
						64.2	65.2	0.26	<0.01	<0.1	0.01	<0.01	0.01	0.	<1	<0.01
						65.2	66.2	<0.01	<0.01	<0.1	<0.1	0.01	<0.01		1	0.01
						66.2	67.2	<0.01	<0.01	<0.1	<0.1	0.01	<0.01	0.004	1	0.01
						67.2	68.2	0.03	<0.01	<0.1	<0.1	0.01	<0.01	0.005	<1	0.01
						68.2	69.2	<0.01	<0.01	<0.1	<0.1	0.01	<0.01	0.003	<1	0.01
						69.2	70.2	<0.01	<0.01	<0.1	<0.1	0.01	<0.01	0.003	1	0.01
70.95	77.0	5.44	90	LOTTAH GRANITE: Fine grained, light green, slightly altered; slightly granular, sugary texture. Gradational upper boundary. Core very fractured soft and crumbly with green clay alteration and some clay filled fractures at 0 - 10°.												
				END OF HOLE.												

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