RENISON LIMITED - DRILL CORE RECORD

212261 267

HOLE NUMBER	BLUE TIED 42
PURPOSE	To test greisen near hole 17
LOCATION	North east of Anchor open cut
COLLAR R.L.	349.58
CO-ORDINATES	5435401.921mN 585139.357mE
LENGTH	145.7m
HOLE SIZE	0 -6.0m NQ 6.0 - 145.7m BQ
DATE DRILLED	31/10/77 to 3/11/77
SIGNIFICANT CORE LOSS ZONES	
ORE ZONE GROUND CONDITIONS	
LOGGED BY	A. Ross

SURVEY Depth	SURVEY Bearing	SURVEY Dip	From – To	Distance D	VERTICAL D.Sin.Dip	VERTICAL R.L.	HORIZONTAL D.Cos.Dip	HORIZONTAL Prog. Total
						349.6		
0	—	-90	0 - 21.5	21.5	21.5	328.1	0.0	0.0
43		-89¾	- 68.5	47.0	47.0	281.1	0.0	0.0
94		-89¼	-119.5	51.0	51.0	230.1	0.7	0.7
145		-89	-145.7	26.2	26.2	203.9	0.5	1.2

COMMENTS

A persistent and strongly altered, mineralised zone is encountered with definite footwall and hanging wall contacts. The zone is overlain by consolidated weakly altered fine grained granite with insignificant tin values.

The base of mineralisation is marked by a change to a complex "pegmatite" rock which is encountered in hole 52. This ~~zone~~ "pegmatite" zone is only recognised in these two holes, although minor indications are present in hole 48.

N.B. For the interval 47.7m to 110.7m, AMDEL assays are recorded. (Sn only). AMDEL Au assays for this interval were all <0.05 g/t, except for 52.7-55.7m (0.1g/t Au).

SUMMARY – ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS Sn.	Acid Sol. Sn.	Cu.	As.	% Mo	Pb.	Zn.	Bi.	WO_3	Ag g/t	Au g/t			B.C.A.
"GREISEN"	47.7	110.7	63.0	0.51	0.005	0.10	<0.01	<0.01	0.001	0.05	0.018	0.02	14.2	<0.05			
including	47.7	75.7	28.0	0.48	0.005	0.18	<0.01	<0.01	0.001	0.06	0.023	0.02	26.3	<0.05			
	84.7	110.7	26.0	0.70	0.005	<0.01	<0.01	<0.01	0.001	0.05	0.020	0.03	2.2	<0.05			

RENISON LIMITED

DIAMOND DRILL HOLE PLOT

SCALE : Metres 0 10 20

HOLE No. : B.T. 42

212262

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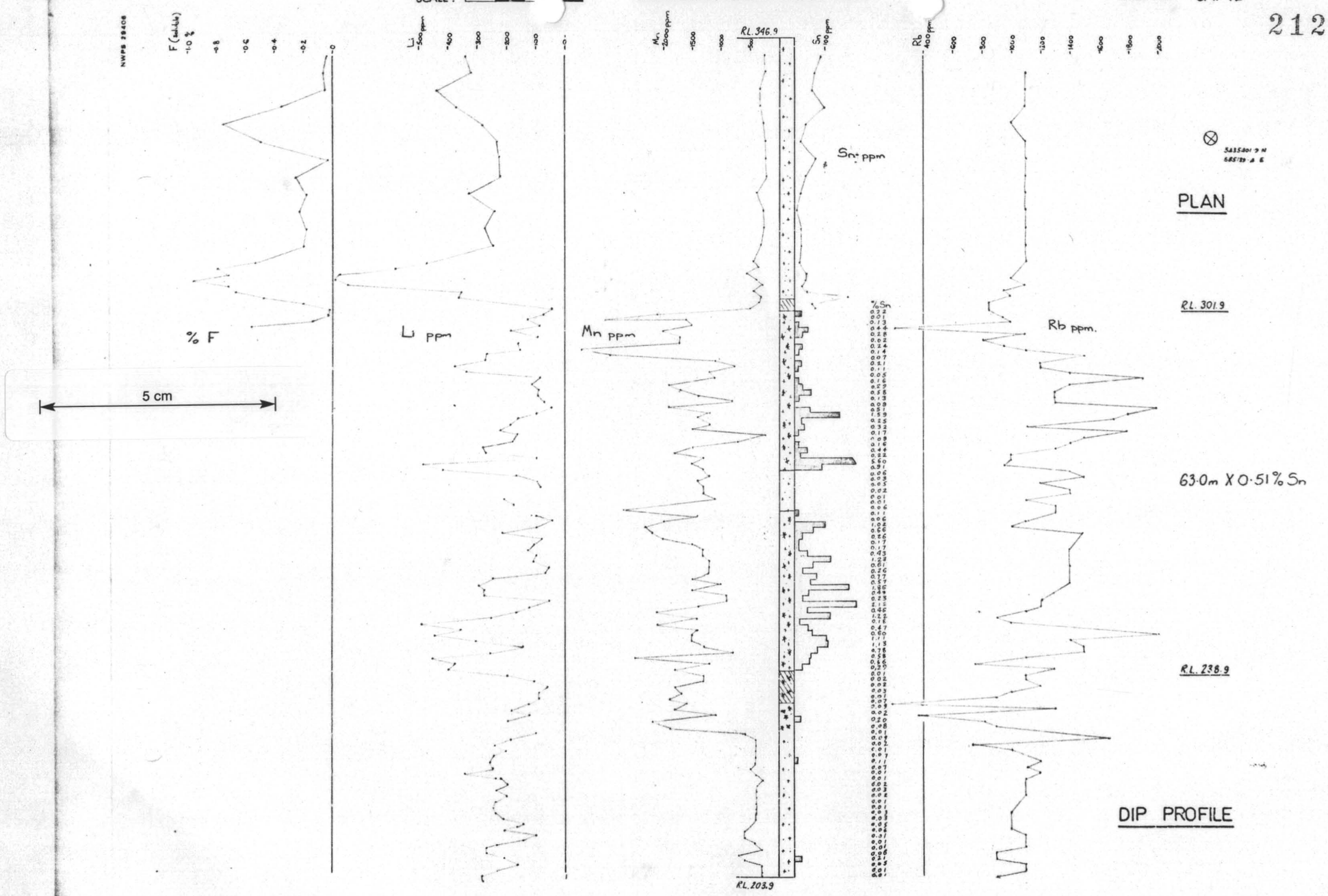

NWPS

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.
0	45.5		100	FINE GRAINED GRANITE (Biotite granite); WEAK GREISENISATION. 0 - 0.8m: Overall greenish colour - hydromicas present. 0.8 - 6.1m: White biotite fine grained granite with minor green hydromicas. Equigranular. Few iron stained joints at approx. 40° to core axis. 6.1 - 9.4m: Grades to greenish hydromica rich biotite granite with zones of orange brown iron staining. 9.4 - 13.0m: White fine grained granite with minor hydromica content. Black amorphous patches of biotite common. 13.0 - 13.4m: Orange-brown iron stained fine grained biotite-hydromica granite. Lower contact 45° to core axis. 13.4 - 20.35m: White fine grained granite with very little hydromicas. Mainly biotite granite with few patches of iron staining. 20.35 - 21.4m: Intensely iron stained and with plentiful hydromicas reaching coarse patchy nature. Upper contact sharp, and at 35° to core axis. Lower contact gradational. 21.4m - 24.2m: White fine grained biotite granite with minor greenish hydromica content to 21.7m, then grades into white granite with minor hydromicas. Mauve fine grained fluorite on joint (15° to core axis) at 22.7m. Increase in pink colouration from about 24m. 24.2 - 26.9m: Pinkish fine grained biotite granite. Minor hydromicas. Gradational upper and lower contacts. 26.9 - 27.9m: Less pink. White fine grained biotite granite with minor hydromicas. 27.9 - 28.0m: Zone of layered pink coarse grained feldspar followed by very fine grained biotite granite with fine green hydromicas. Layering 80° to core axis. 28.0 - 30.2m: White fine grained biotite granite with common greenish hydromicas. Upper contact sharp and at 80° to core axis. Overall hydromica content increasing. 30.2 - 30.35m: Zone of grey fine grained biotite granite with minor green hydromicas. Upper and lower contacts are diffuse. 30.35 - 37.0m: Predominantly white with increasing hydromica content (green). Minor patches of green hydromicas but overall relatively minor alteration. Weak to fine veinlets of fine black biotite? throughout, commonly at 60 - 80° to core axis. Overall lithology is white fine fine grained granite. Increasing green hydromicas content towards base of interval. Core broken at 35.6m, 36.7m. 37.0 - 38.1m: Greenish fine grained granite. Higher hydromica content, although not intensely altered. 38.1 - 38.22m: Zone of milky quartz layer and amorphous green hydromicas. Layering 90° to core axis. Upper and lower contacts well defined. 38.22 - 45.3m: Mixture of greenish altered fine grained granite and reddish brown mineral (hematite?). Altered granite texture still preserved. Feldspars altered to clayey minerals in minor zones. Becoming lighter coloured at base of interval.	

% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. As STAN.	% Cu.	% As.	% Mo	% Pb.	% Zn.	% Bi.	g/t Ag.	g/t WO_3
		Ppm.									
1.7	2.7	90		0.002		<0.001	0.001	0.009	0.006		
4.7	5.7	70		0.001		"	"	0.007	0.002		
7.7	8.7	60		0.003		"	"	0.008	0.002		
10.7	11.7	100		0.017		"	"	0.086	0.002		
13.7	14.7	35		0.004		"	"	0.009	0.001		
16.7	17.7	20		0.014		"	"	0.017	0.001		
19.7	20.7	70		0.003		0.003	"	0.006	0.001		
22.7	23.7	35		0.005		<0.001	"	0.017	0.001		
25.7	26.7	20		0.005		"	"	0.016	0.003		
28.7	29.7	<5		0.006		"	"	0.012	0.004		
31.7	32.7	20		0.005		"	"	0.008	0.002		
34.7	35.7	25		0.008		"	"	0.009	0.002		

DIAMOND DRILL RECORD

HOLE NUMBER : B.T. 42

212264 LOGGED BY : A. Ross

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NWPS

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. As STAN.	% Cu.	% As.	% Mo	% Pb.	% Zn.	% Bi.	g/t Ag.	% WO_3
				45.3 - 45.5m: Pinkish fine grained granite becoming sub-porphyritic in parts. Weak layering 70° to core axis. Contains green hydromicas.													
45.5	47.5		100	MASSIVE QUARTZ AND PINK TO GREEN PATCHY ALTERATION													
								ppm									
				45.5 - 46.7m: Core broken. Massive milky quartz and minor pinkish "feldspar" alteration and lesser green fine grained "talc".			38.7	15		0.005		<0.001	0.002	0.013	0.003		
							39.7	30		0.010		"	0.002	0.011	0.004		
							40.7	40		0.018		"	0.001	0.016	0.013		
				46.7 - 47.1m: Mixture of pinkish material, green "talc" and quartz formed in amorphous blobs and with imitation "cockade" texture. No layering.			41.7	35		0.019		"	0.002	0.009	0.005		
							42.7	25		0.010		"	0.001	0.007	0.002		
							43.7	40		0.041		"	0.002	0.029	0.008		
				47.1 - 47.4m: Crudely layered quartz, pink "feldspar" alteration and green-black coarse micas. Layering 90° to core axis.			44.7	180		0.029		"	0.003	0.010	0.004		
							45.7	60		0.004		"	0.001	0.007	0.003		
							46.7	70		0.040		"	0.001	0.041	0.003		
				47.4 - 47.5m: Crudely layered but finer grained micas, quartz and pinkish feldspar. Lower contact distinct and is 85° to core axis.		46.7	47.7	140		0.13		0.002	0.043	0.056	0.007		
47.5	108.8		100	GREISEN, QUARTZ-GREISEN AND GREISENISED FINE GRAINED GRANITE:													
						47.7	48.7	0.22	0.003	0.32	<0.10	0.007	<0.001	0.049	0.014	46	<0.01
				47.5 - 48.2m: Quartz greisen. Green coarse hydromicas, minor biotite? and milky quartz. Minor brownish colouration, possibly cassiterite? Trace moly and hematite? Minor talc.													
				48.2 - 49.1m: Milky quartz and patches of coarse biotite, amorphous creamy and green mica and rare pinkish feldspar. Trace moly.			49.7	0.01	0.009	0.044	"	0.002	0.001	0.025	0.004	11	<0.01
				49.1 - 50.9m: Greisenised granite. Greenish micaceous (coarse) fine grained granite with minor biotite. Minor platey muscovite. Minor reddish colour at 49.7m and trace pink feldspar. Trace moly.			50.7	0.13	0.012	0.57	"	0.001	0.002	0.045	0.021	64	<0.01
				50.9 - 51.9m: Coarse platey muscovite greisen. Trace moly. Trace ruby red cassiterite. Mica forms rosettes and coarse clusters and plates.			51.7	0.44	0.003	0.096	"	0.015	0.001	0.066	0.031	23	<0.01
				51.9 - 52.35m: Less hydromicas. Greisenised granite (light green) with trace moly and common sericite.			52.7	0.28	0.007	0.45	"	0.011	0.001	0.042	0.065	62	0.01
				52.35 - 53.8m: Greisenised granite. Coarse mica clusters with granite fabric present. Trace moly.			53.7	0.02	0.003	0.072	"	0.004	0.001	0.040	0.002	10	<0.01
				53.8 - 54.2m: Coarse greisen. Trace chalco, bornite, flucrite? Platey micas. Minor quartz.													
				54.2 - 54.6m: Greisenised granite. Coarse platey micas. Trace chalcopyrite. Rare pink feldspar patch at base of interval. Grades into very coarse greisen.			54.7	0.24	0.005	0.46	"	0.002	0.001	0.12	0.049	85	<0.01
				54.6 - 55.4m: Dark green coarse greisen. Platey micas. Trace coarse cassiterite. Trace fluorite.			55.7	0.14	0.007	0.051	"	0.002	0.005	0.12	0.006	8	<0.01
				55.4 - 56.4m: Lighter green greisenised granite. Trace biotite. Rare pinkish patches of alteration at 55.6m. Trace pink feldspar elsewhere.			56.7	0.07	0.009	0.079	"	0.015	0.002	0.029	0.007	10	0.04
				56.4 - 56.9m: Light green, quartz rich greisen. Saricite muscovite quartz rock.													
				56.9 - 57.4m: Altered zone. Cream to green amorphous rock studded with coarse biotite and muscovite. Soft green "talc" mineral. Pinkish altered feldspar. Trace			57.7	0.21	0.003	0.19	"	0.001	0.002	0.16	0.008	19	<0.01

HOLE NUMBER : B.T. 42

212265

LOGGED BY : A. Ross

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NWPS

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. As STAN.	% Cu.	% As.	% Mo	% Pb.	% Zn.	% Bi.	g/t Ag.	% WO_3
				pyrite, chalcopyrite.			58.7	0.11	0.005	0.33	<0.10	0.005	0.001	0.092	0.014	43	0.02
				57.4 - 60.0m: Less altered, muscovite-sericite quartz rock (light green) with minor biotite. Vein containing mauve fluorite at 45.4m at 40° to core axis. Chalco, pyrite common. Few minor amorphous patches of creamy alteration clay. Low angle talc-fluorite vein.			59.7	0.05	0.005	0.14	"	0.004	0.001	0.028	0.012	18	0.01
				60.0 - 60.5m: Darker green and brown mica greisen. Trace chalco, pyrite. Very coarse cassiterite trace. Trace moly. Lower contact 30° to core axis.			60.7	0.16	0.005	0.29	"	0.004	0.001	0.13	0.017	30	<0.01
							61.7	0.29	0.005	0.21	"	0.036	0.001	0.067	0.062	43	0.06
				60.5 - 65.6m: Light coloured green sericite-muscovite greisenised granite. Minor pink feldspar throughout in small patches. Trace moly. Very rare sulphide-bornite. Veinlets of amorphous clay alteration mineral. Coarse platey micas common.		Ranson assay	62.7	(0.58)	0.009	0.074	"	0.085	0.001	0.028	0.030	14	0.17
							63.7	0.13	0.005	0.066	"	0.004	<0.001	0.015	0.017	9	0.08
							64.7	0.09	0.003	0.10	"		0.001	0.037	0.016	16	0.04
							65.7	0.51	0.002	0.072	"		0.001	0.022	0.006	10	0.05
				65.6 - 66.2m: Change to darker mica in same overall lithology i.e. greisenised granite. Minor pink feldspar patches. Trace pyrite, chalco.		Ranson assay	66.7	(1.59)	0.004	0.11	"		0.001	0.034	0.012	16	0.03
				66.2 - 68.5m: Light colour overall. Greenish clay alteration to micas. Fine grained granite-greisen. Trace medium grained cassiterite. Trace bornite. Trace pink feldspars.			67.7	0.25	0.003	0.16	"	0.006	0.001	0.031	0.021	21	0.05
							68.7	0.32	0.002	0.063	"		0.001	0.026	0.015	11	0.03
				68.5 - 69.9m: Darker green fine grained granite-greisen. Trace pink feldspars. Amorphous quartz-fluorite vein at 30° to core axis to 69.1m. Micas coarse.			69.7	0.17	0.003	0.059	"		0.001	0.031	0.012	13	0.02
				69.9 - 70.6m: Very broken zone. Greenish clayey fine grained granite. Weathered greisen band at 10° to core axis. Muscovite coarse and weathered slightly. Granite fabric visible.			70.7	0.09	0.003	0.042	"		0.001	0.056	0.017	9	<0.01
							71.7	0.16	0.003	0.052	"		0.001	0.027	0.012	8	0.01
							72.7	0.44	0.007	0.91	"		0.001	0.11	0.16	115	<0.01
							73.7	0.22	0.005	0.078	"		0.001	0.031	0.006	10	0.02
				70.6 - 74.1m: Greenish grey greisenised fine grained granite with coarse micas and visible coarse reddish brown cassiterite. Trace pink feldspar. Trace chalco-pyrite. Black resinous mineral at 73.8m - wolframite?			74.7	5.60	0.005	0.026	"		0.003	0.036	0.004	4	<0.01
				74.1 - 74.3m: Dark green to light green coarse greisen with abundant coarse cassiterite. Upper and lower contacts 85° to core axis.													
				74.3 - 74.6m: Lighter green - less clayey alteration but with abundant coarse cassiterite.													
				74.6 - 75.6m: Less mica. Yellowish green clayey altered fine grained granite. Fine sericite. Core broken.			75.7	0.91	0.003	0.043	"		0.001	0.11	0.004	8	<0.01
				75.6 - 76.7m: Finer grained fine grained granite - slight greisenisation. Greyish colour.			76.7	0.06	0.003	0.17	"		0.001	0.032	0.009	24	<0.01
				76.7 - 78.0m: Brownish yellow alteration of fine grained granite. Very fine sericite.			77.7	0.03	0.005	0.20	"		0.001	0.034	0.005	4	<0.01
				78.0 - 80.7m: Grades into yellowish green clayey altered equigranular fine grained granite. Barren looking. Feldspars weakly altered. Reappearance of feldspars at 78.0m.			78.7	0.05	0.005	0.049	"		0.001	0.14	0.004	8	<0.01
							79.7	0.02	0.005	0.014	"		0.001	0.054	0.004	3	<0.01
							80.7	0.01	0.002	0.001	"		0.001	0.051	0.003	2	<0.01
				80.7 - 81.2m: Crumbly clay, or argillised fine grained granite. Coarse patches and veins of yellow clay.			81.7	0.01	0.003	0.007	"		0.001	0.092	0.003	3	<0.01
							82.7	0.06	0.005	0.083	"		0.001	0.20	0.005	15	<0.01
				81.2 - 82.1m: Unaltered fine grained granite. Yellowish white.													
				82.1 - 83.0m: Greyish green coarse mica in fine grained granite-greisen. Slight feldspar development.			83.7	0.11	0.003	0.057	"		0.001	0.030	0.006	9	<0.01

HOLE NUMBER : B.T. 42

212266 LOGGED BY : A. Ross

NWPS

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. As STAN.	% Cu.	% As.	% Mo	% Pb.	% Zn.	% Bi.	g/t Ag.	% WO
				83.0 - 84.3m: Weak sericite development in greenish fine grained granite-greisen.			84.7	0.06	0.005	0.20	<0.10		0.001	0.026	0.006	30	<0.01
				84.3 - 84.5m: Grey fine greisen with trace cassiterite.													
				84.5 - 85.1m: Lighter grey green fine grained granite greisen.													
				85.1 - 85.8m: Greyish fine grained greisenised granite.			85.7	1.02	0.010	0.012	"	0.014	0.001	0.10	0.021	4	0.03
				85.8 - 86.0m: Zone of greenish talc mineral, complete alteration with minor biotite.			86.7	0.66	0.003	0.003	"	0.001	0.001	0.072	0.003	1	<0.01
				86.0 - 87.5m: Light grey fine grained granite-greisen. Trace sericite.			87.7	0.26	0.003	0.006	"	<0.001	0.001	0.096	0.007	5	<0.01
				87.5 - 87.6m: At 65° to core axis. Coarse mica vein with weathering.													
				87.6 - 92.3m: Light greyish green featureless fine grained granite-greisen with medium grained cassiterite throughout. Trace moly. Trace sericite. Mainly light green mica.			88.7	0.17	0.005	0.003	"	0.002	0.001	0.073	0.005	1	<0.01
							89.7	0.17	0.007	0.011	"	0.001	0.001	0.070	0.003	2	<0.01
							90.7	0.43	0.005	0.013	"	0.004	<0.001	0.033	0.003	2	0.01
							91.7	1.23	0.003	0.002	"	0.004	0.001	0.027	0.003	<1	0.02
				92.3 - 93.2m: Lighter fine grained granite-greisen. Weak feldspar remnants.			92.7	0.61	0.003	0.006	"	0.001	0.001	0.038	0.012	2	0.06
							93.7	0.26	0.003	0.002	"	0.001	0.001	0.028	0.011	2	0.06
				93.2 - 95.3m: Change to very coarse platey muscovite in fine grained granite-greisen. Visible medium to coarse cassiterite. Trace mauve fluorite.			94.7	0.77	0.005	0.002	"	0.023	0.001	0.039	0.098	5	0.03
							95.7	0.57	0.010	0.001	"	0.021	<0.001	0.033	0.035	3	0.01
							96.7	1.86	0.009	0.001	"	0.009	<0.001	0.028	0.054	4	0.08
				95.3 - 99.4m: Generally lighter in colour due to lesser dark coarse muscovite. Fine grained granite greisen. Core slightly broken. Remnant pink feldspars visible. Fine visible cassiterite in parts. Very common coarse cassiterite in last 20 cms.			97.7	0.49	0.003	0.002	"	0.006	0.001	0.021	0.010	1	0.15
							98.7	0.23	0.002	0.001	"	0.003	0.001	0.029	0.009	1	0.03
							99.7	2.12	0.012	0.001	"	0.004	0.001	0.027	0.008	<1	0.01
				99.4 - 100.1m: Complex altered zone of white-cream amorphous alteration and light green talc mineral. Remnant pink feldspar and trace biotite. Contacts 70° to core axis.			100.7	0.46	0.007	0.004	"	0.003	0.002	0.027	0.080	5	0.01
							101.7	1.22	0.003	0.001	"	0.002	0.001	0.039	0.007	<1	<0.01
							102.7	0.18	0.003	0.004	"	0.001	0.001	0.038	0.002	<1	<0.01
							103.7	0.47	0.005	0.003	"	0.001	0.002	0.041	0.002	<1	<0.01
				100.1 - 105.0m: Greyish green fine grained granite-greisen with patchy coarse micas and more common medium grained dark green muscovite throughout. Cassiterite visible in parts with occasional very coarse patches. Trace pinkish feldspar remnants towards end.			104.7	0.60	0.007	0.001	"	0.008	0.001	0.038	0.003	<1	<0.01
				105.0 - 105.8m: Lighter less greisenised fine grained granite. Finer visible cassiterite.			105.7	1.11	0.003	0.002	"	0.003	0.001	0.031	0.001	2	0.01
				105.8 - 106.4m: Darker fine grained granite-greisen with coarse dark green mica. Visible coarse cassiterite and pinkish remnant feldspar. Hint of cassiterite. Greisen vein at 30° to core axis.			106.7	1.13	0.007	0.010	"	0.010	0.002	0.089	0.020	4	0.05
				106.4 - 106.42m: Quartz vein at 25° to core axis.													
				106.42 - 107.9m: Dark green mica in fine grained greisen with patchy micas. Visible coarse-medium grained cassiterite. Mauve fluorite trace. Patchy quartz.			107.7	0.78	0.003	0.003	"	0.012	<0.001	0.044	0.019	2	0.09
				107.9 - 108.2m: Fine to medium fine grained granite greisen. Light to dark green. Trace pink feldspar.													
				108.2 - 108.8m: Patchy dark to light grey green fine grained granite greisen. Visible cassiterite.			108.7	0.58	0.001	0.001	"	0	0.018	0.046	0.010	7	0.01
108.8	119.5		100	COMPLEX TRANSITIONAL ZONE: Very indurated, quartz rich as indicated by slower drilling rate.													
				108.8 - 109.3m: Quartz rich fine grained granite greisen. Greyish green. Coarse quartz at upper contact, at 85° to			109.7	0.56	0.001	0.001	"		<0.001	0.037	0.018	<1	<0.01

NWPS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	As STAN.	% Cu.	% As.	% Mo	% Pb.	% Zn.	% Bi.	g/t Ag.	% WO_3
				core axis. Diffuse change.													
				109.3 - 109.4m: Pinkish fine grained granite-greisen.													
				109.4 - 109.9m: Greyish quartz greisen. Medium patchy micas.													
				109.9 - 110.7m: Light grey green fine grained quartz rich fine grained granite greisen. Creamy clayey alteration. Black biotite at base of interval.			110.7	0.29	0.001	0.001	<0.001		0.001	0.029	0.002	<1	<0.01
								Repeat Assays									
				110.7 - 115.8m: Pink equigranular quartz feldspar rock with patches of grey-green greisen. Zones are 80° to core axis with diffuse margins. Greenish mica throughout (slight).			111.7	0.01	0.001	0.002	<0.01		0.001	0.028	0.001	"	"
							112.7	0.02	<0.001	0.001	"		0.001	0.014	0.002	"	"
							113.7	0.02	0.001	0.001	"		0.001	0.019	0.002	"	"
							114.7	0.03	0.001	0.002	"		0.001	0.021	0.003	"	"
				115.8 - 119.5m: Fine grained granite (white-pink) with mica (green) and grey patches of fine greisen. Patchy sub-porphyritic granite.			115.7	0.01	<0.001	0.001	"		<0.001	0.021	0.003	"	"
							116.7	0.07	0.001	0.002	"		0.001	0.028	0.004	"	"
							117.9	0.09	<0.001	0.002	"		0.001	0.019	0.018	"	"
							118.9	0.02			"						"
119.5	145.7		100	FINE GRAINED GRANITE:			120.0	0.20	0.002	<0.001	"	<0.001	0.001	0.025	0.016	1	0.05
				119.5 - 127.9m: White fine grained granite with minor patches of grey greisen. 20 cm kaolin vein at top.			121.0	0.08	0.001	0.001	"		0.001	0.011	0.001	<1	<0.01
							122.0	0.01	<0.001	0.001	"		0.001	0.015	0.002	"	"
				127.9 - 145.7m: White fine grained granite with kaolin on joints. Negligible greisenisation.			123.0	0.09	<0.001	0.001	"		0.001	0.015	0.001	"	"
							124.0	0.02	<0.001	0.002	"		0.001	0.014	0.003	"	"
							125.0	0.01	0.001	0.001	"		0.001	0.017	0.003	"	"
				END OF HOLE 145.7m			126.0	0.07	<0.001	0.001	"		0.001	0.012	0.002	"	"
				PETROLOGY. REPORT CMS 77/11/26			127.0	0.11	"	0.001	"		0.001	0.017	0.003	"	"
				The eight core samples were from the following depths; 51.4m, 66.6m, 74.2m, 91.6m, 95.3m, 98.8m, 100.4m, 109.8m. They all show very similar features and may therefore be described as a group.			128.0	0.07	"	0.002	"		0.001	0.009	0.003	"	"
							129.0	0.01	"	0.001	"		0.001	0.008	0.003	"	"
							130.0	0.01	"	0.001	"		0.001	0.007	0.002	"	"
							131.0	0.02	"	0.002	"		0.001	0.013	0.002	"	"
							132.0	0.03	"	0.001	"		0.001	0.009	0.002	"	"
				In summary, the rocks are greisenised granites with conspicuous cassiterite; this ranges from 50u to six millimetres (individual crystals), and the bulk of the crystals are in the 0.5 - 2.0mm range, well-defined and simply intergrown (i.e. a metallurgist's delight).			133.0	0.02	"	0.001	"		0.002	0.017	0.002	"	"
							134.0	0.01	"	0.001	"		0.001	0.011	0.001	"	"
							135.0	0.01	"	0.002	"		0.001	0.014	0.002	"	"
							136.0	0.03	0.001	0.002	"		0.002	0.024	0.002	"	"
							137.0	0.03	0.001	0.002	"		0.001	0.014	0.001	"	"
							138.0	0.05	<0.001	0.001	"		0.003	0.025	0.003	"	"
				Two distinct stages of hydrothermal alteration of the granite have occurred, and minerals of the second stage partly replace those of the first stage.			139.0	0.06	"	0.001	"		0.003	0.014	0.003	"	"
							140.0	0.01	"	0.001	"		0.001	0.012	0.001	"	"
							141.0	0.01	"	0.001	"		0.001	0.011	0.001	"	"
							142.0	0.06	0.001	0.002	"		0.003	0.009	0.003	"	"
				The first stage was the normal greisening stages, involving the replacement of feldspar and primary micas by topaz and greenish phlogopite, and the introduction of cassiterite, accompanied by sporadic traces of purple fluorite.			143.0	0.21	0.001	0.001	"		0.004	0.015	0.004	"	"
							144.0	0.05	0.001	0.001	"		0.002	0.011	0.002	"	"
							145.0	0.01	0.001	0.001	"		0.002	0.012	0.002	"	"
							145.7	0.01	0.001	0.001	"		0.001	0.012	0.001	"	"
				The second stage can be regarded as a low-temperature hydrothermal phase, in which some of the topaz and phlogopite was replaced by generally fine, flaky hydromuscovite (often in optical continuity with phlogopite), and other minerals were introduced; these include fine, cloudy sideritic carbonate, and sulphides. The carbonate is generally present as thin streaks and pools along cleavage planes of phlogopite and hydromuscovite. Sulphides are scarce and very erratic in their distribution, sometimes forming distinct veins (as at 51.4m) with siderite and														

DIAMOND DRILL RECORD

212268

HOLE NUMBER : B.T. 42

LOGGED BY : A. Rose

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NWPS

INTERVAL (m) FROM	INTERVAL (m) TO	RECOVERY m	RECOVERY %	DESCRIPTION	FORM.	% Sn. FROM	% Sn. TO	% Sn. TOTAL	% Sn. ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
				fluorite. Sulphides identified include chalcopyrite bornite/chalcocite, molybdenite (flakes up to 1.5mm).													
				The cassiterite is particularly well-developed, as single crystals up to 6mm, with the usual mottled amber/colorless appearance, often color zoned, embedded in topaz, quartz and micas. The bulk of the cassiterite is relatively coarse (0.5 - 2.0mm) and very little is < 100u, with occasional crystals in the 20 - 100u range; liberation should be straightforward.												
				H.W. Fander.													

RENISON LIMITED

HOLE No. :

SCALE :

DIAMOND DRILL HOLE PLOT

212269

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	Rock Type - Primary Composition	Fabric	Minor Minerals	Comments
BT 42	Greisenised Biotite Granite. Quartz 30% albite 30-35% orthoclase 30% pale biotite 10%	Even grained granitic.	1^0 apatite, minor trace topaz 2^0 muscovite minor quartz.	Unusual very pale yellowish biotite. Mod. erate greisenising (muscovitisation) of feldspar and particularly biotite, minor quartz veinlets.
25.8m	Biotite Topaz Granite Quartz 40% albite 20-25% orthoclase 30% pale biotite 2-3% topaz 1%.	Granitic	1^0 apatite Minor 2^0 muscovite trace fluorite.	Similar to 19.7, Very weakly greisenised with traces of fluorite (Mauve with pleochroic haloes) in partly altered biotite, minor quartz veining.
32.5m	Biotite Topaz Granite. Quartz 30-35% orthoclase 30% albite 30%, pale biotite 5% topaz 1-3%.	Granitic, relatively fine grained trend microgranite.	1^0 apatite Minor trace 2^0 muscovite	Sim. to 25.8m, incipient greisenising
39.7m	Greisenised Biotite Granite. Quartz 35% albite 25-30%, orthoclase 25-30% pale biotite 10-15%.	Granitic, slightly coarser than 32.5m	1^0 topaz apatite 2^0 muscovite sericite. fluorite.	Relatively abundant 1^0 mica. Abundant 2^0 fine muscovite & sericite after feldspar, biotite with frequent small patches. mauve fluorite. Topaz partly sericitised.
42.6m	Greisenised Biotite Topaz Granite Quartz 30% albite 25% orthoclase 25% pale biotite 10-15% topaz 3-5%.	Granitic, very similar to 39.7m	Trace 1^0 apatite 2^0 sericite, muscovite fluorite trace carbonate.	Similar to 39.7m but with relatively abundant topaz. Extensively greisenised with accessory cloudy mauve fluorite minor cloudy carbonate.
45.0m	Greisenised Biotite Granite. Quartz 30-35% albite 30% orthoclase 30% pale biotite 5-10%.	Granitic very similar to 39.7 42.6m	1^0 apatite trace topaz 2^0 muscovite sericite fluorite carbonate	Near-identical with 39.7m Moderately greisenised with accessory mauve fluorite traces cloudy carbonate.
113.7m	Sodic Microgranite.Quartz 50% albite 40% orthoclase 5% mica (?biotite) 5%.	Granitic trend aplitic	1^0 magnetite minor trace apatite 2^0 carbonate martite trace sericite.	Pink coloration reflects magnetic reddening and martitised 1^0 magnetite. Mica completely altered to cloudy Fe-carbonate, minor sericitisation.
130.7m	Greisenised Biotite Topaz Granite. Quartz 30% albite 30% orthoclase 30% pale biotite 5-10% topaz 1-2%.	Granitic trend medium-grained (microgranite)	1^0 minor trace apatite cassiterite. 2^0 muscovite trace. carbonate.	Similar to 25.8m etc. Moderately greisened-muscovitised. Cassiterite extremely sparse 20-50u inclusions in feldspar.
139.7	Greisenised Biotite Topaz Granite. Quartz 25% albite 30% orthoclase 30% pale biotite 5-10% topaz 2-3%.	Granitic, relatively coarse grained.	1^0 minor trace apatite zircon muscovite 2^0 muscovite minor trace carbonate.	Weak to moderate muscovitisation-greisening with topaz partly replaced by sericite.