RENISON LIMITED - DRILL CORE RECORD BT 142

		SURVEY			From – To	Distance D	VERTICAL		HORIZONTAL	
		Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
HOLE NUMBER	BT 142		GRID							
PURPOSE	To test for extensions of Anchor mineralization	0	-	-90°	0 – 23	23	23.0	268.3	0.0	0.0
		46	282	-89.25°	– 68	45	45.0	223.3	0.59	0.59
LOCATION	East of Anchor Workings	90	240	-89°	– 110	42	41.99	181.31	0.73	1.32
		130	319	-88.75°	– 130.5	20.5	20.5	160.81	0.45	1.77
COLLAR R.L.	291.30									
CO-ORDINATES	5241.51mN 5104.43mE									
LENGTH	130.5m									
HOLE SIZE	0 - 9m Tricone 9 - 27m NQ 27 - 130.5m BQ									
DATE DRILLED	28.5.81 to 2.6.81									
SIGNIFICANT CORE LOSS ZONES										
ORE ZONE GROUND CONDITIONS										
LOGGED BY	A.F. ROSS									

COMMENTS	Interval from 37.5 to 130.5m assayed, although only every third metre from 50 to 109m No significant tin encountered. Unusual altered zone encountered at depth.

SUMMARY – ASSAY DATA

LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS													B.C.A.
				Sn.	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t				

NWPS 27344

RENISON LIMITED

HOLE No.: BT 142

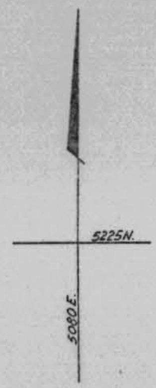
SCALE: 0 10 20 metres

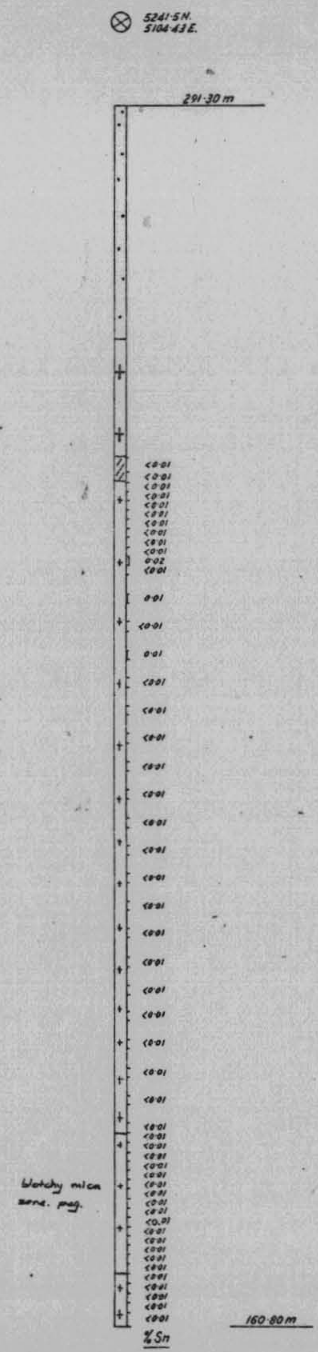
DIAMOND DRILL HOLE PLOT

BT 142

5 cm

PLAN





DIP PROFILE

892152

DIAMOND DRILL RECORD

HOLE NUMBER : BT142

LOGGED BY : AFR

HWPS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION
				SUMMARISED LOG
0	25.0			NON-CORING AND LOW RECOVERY OF WEATHERED PORPHYRITIC ADAMELLITE.
25.0	37.5			WEATHERED TO FRESH PORPHYRITIC ADAMELLITE (POIMENA ADAMELLITE).
	37.5			CONTACT
37.5	40.4			CONTACT ZONE CONSISTING OF ALKALI GRANITE, APLITE, PEGMATITE.
40.4	110.15			ESSENTIALLY UNALTERED ALKALI GRANITE (ANCHOR GRANITE).
	110.15			CONTACT
110.15	125.0			ALTERED ZONE OF ALKALI GRANITE. PEGMATITE AT UPPER CONTACT.
125.0	130.5			MEDIUM GRAINED ALKALI GRANITE.
				DETAILED LOG
0	9.0	0	0.0	Tricone. No recovery in porphyritic adamellite.
9.0	21.0	10.0	83.3	Weathered, crumbly limonitic zones of porphyritic adamellite and minor microgranite.
21.0	25.0	0.0	0.0	No recovery. Probably weathered porphyritic adamellite.
25.0	30.5	5.5	100	Fresh blue-grey porphyritic adamellite.
30.5	32.0	1.5	100	Crumbly, clay rich blue-grey porphyritic adamellite.
32.0	33.8	1.8	100	More competent, blue-grey unaltered porphyritic adamellite.
33.8	35.0	1.2	100	Crumbly, clayey fresh P.A.
35.0	35.9	0.9	100	Crumbly, pinkened P.A.
35.9	36.7	0.8	100	Competent pinkened P.A., grades into:
36.7	37.5	0.8	100	Blue-grey fresh P.A. with 3cm wide pegmatite at the base.
	37.5			CONTACT

FORM.

% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
37.5	39	<0.01									
	40	"									
	41	"									
	42	"									
	43	"									
	44	"									
	45	"									
	46	"									
	47	"									
	48	"									
	49	0.02									
	50	<0.01									
52	53	0.01									
55	56	<0.01									
58	59	0.01									
61	62	<0.01									
64	65	<0.01									
67	68	<0.01									
70	71	"									
73	74	"									
76	77	"									
79	80	"									
82	83	"									
85	86	"									
88	89	"									
91	92	"									
94	95	"									

8690153

DIAMOND DRILL RECORD

HOLE NUMBER : BT 142

LOGGED BY : AFR

NWPS

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
37.5	40.4	2.9	100	Complex contact zone comprising fine grained alkali granite, layered		97	98	<0.01									
				zones of aplite, pegmatite segregations. No obvious mineralization.													
						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		103	104	"									
				42.3m. Gradual increase in grain size.													
						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-		109	110	<0.01									
				feldspar-chalcopyrite vein at 40° CA.		110	111	"									
						111	112	"									
48.4	63.4	15.0	100	Back into unaltered fine to medium grained grey-cream alkali granite		113	114	"									
				with minor zones of pinkening grading to spotty scarlet colours,		114	115	"									
				especially from 54.5 to 62.0m. No obvious mineralization.		115	116	"									
						116	117	"									
63.4	92.5	29.1	100	Definite increase in grainsize, grading to medium grained grey cream		117	118	"									
				alkali granite without significant alteration or mineralization.		118	119	"									
				From 64.5m to 66.0m there is pronounced pinkening and scarlet		120	121	"									
				colouration with a pegmatite segregation 8cms wide at 66.0m. (45°CA).		121	122	"									
				Elsewhere there is only very minor pinkening, often restricted to		122	123	"									
				5cm zones about joints.		123	124	"									
						124	125	"									
92.5	99.5	7.0	100	As above, medium grained grey-cream unaltered alkali granite but		125	126	"									
				with common sericite clay on joints.		126	127	"									
						127	128	"									
99.5	110.15	10.55	100	As before. Medium grained slight cream-pink alkali granite. Common		128	129	"									
				sericite clay joints. Overall there is a gradual increase in		129	130.5	"									
				pinkening.													
						Sn Assays by Mines Department, Launceston (XRF)											
	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 END OF HOLE													