RENISON LIMITED - DRILL CORE RECORD

657044

HOLE NUMBER	BT 90
PURPOSE	To test for tin mineralization beneath the old Moon Workings
LOCATION	Moon Workings near Poimena
COLLAR R.L.	733·1m
CO-ORDINATES	8993·0m N ; 4257·8m E.
LENGTH	182.0m
HOLE SIZE	0 – 18m N.Q. 18 – 182m B.Q.
DATE DRILLED	19.6.80 – 27.6.80
SIGNIFICANT CORE LOSS ZONES	
ORE ZONE GROUND CONDITIONS	
LOGGED BY	LINDA MARTIN
COMMENTS	"High grade" tin mineralisation, as cassiterite, developed well away from adamellite contact (AFR).

SURVEY			From – To	Distance D	VERTICAL		HORIZONTAL	
Depth	Bearing	Dip			D.Sin.Dip	R.L.	D.Cos.Dip	Prog. Total
5m	(inside casing)	45°	0 — 2·5	2·5	1·76	731.24	1·76	1·76
20m	055° mag	45°	— 12·5	10·0	7·07	724·17	7·07	8·83
62m	040° mag	45°	— 41·0	28·5	20·15	704·02	20·15	28·98
122m	041.5° mag	44°	— 92·0	51·0	35·42	668.6	36·68	65·66
182m	043° mag	43°	— 182·0	90·0	61·37	607·23	65·82	131·48

SUMMARY – ASSAY DATA

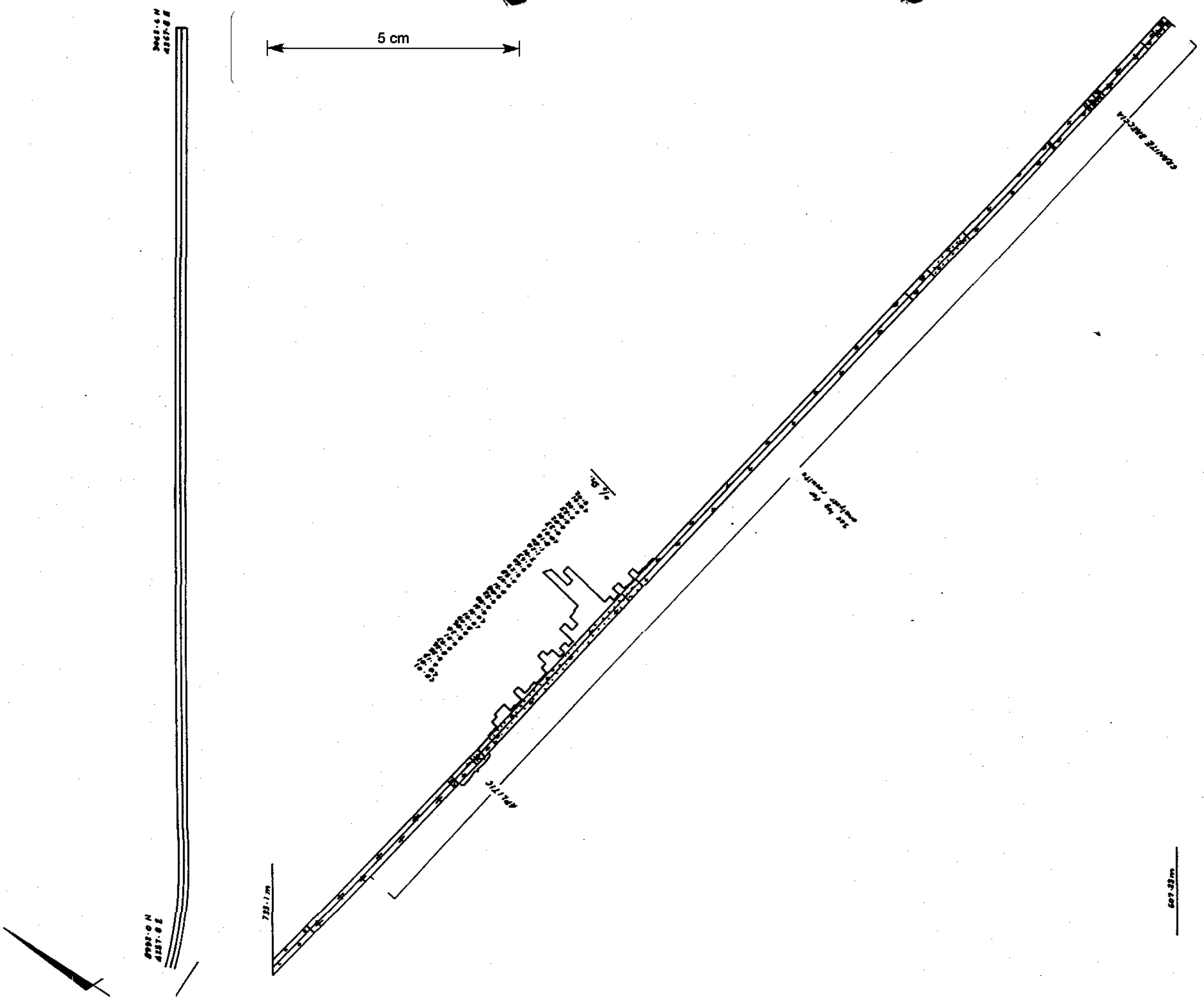
LODE NAME	FROM	TO	LENGTH (m)	AVERAGE WEIGHTED ASSAYS												B.C.A.
				Sn. %	Acid Sol. Sn.	Cu.	As.	S.	Pb.	Zn.	Bi.	WO_3	Ag g/t			
	46.0	49.0	3m	0.23												
	56.0	59.0	3m	0.34												
	62.0	66.0	4m	0.52												
	66.0	69.0	3m	1.71												

HOLE No *BT 90*

SCALE

metres

DIAMOND [illegible]



657045

DIAMOND DRILL RECORD

HOLE NUMBER : BT 90

657046 LOGGED BY : L.MARTIN

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
0	7.5m	-	-	SAND : Coarse grained, yellow brown with iron oxide staining.		SUMMARY NUTMAG TIN CORE ANALYSES RESULTS. (MAR)											
7.5m	36.06			POIMENA GRANITE : Coarse grained, porphyritic with pink feldspar													
				porphyroblasts.		14.5	46.0	<0.10									
		5.2	65	7.5m - 15.5m : Light pinkish grey to yellow brown, weathered iron			47.0	0.16									
				oxide stained and jointed.			48.0	0.19									
		18.95	100	15.5 - 34.45m : Fresh, grey to pinkish grey. Dark grey aplite vein,			49.0	0.26									
				40°, <0.7cm wide at 34.35m.			50.5	<0.10									
		1.61	100	34.45m - 36.06m : Some of feldspars (not porphyroblasts) altered to			51.5	0.16									
				yellow then greenish clayey material; alteration increasing as			52.5	0.23									
				contact approached. No visible alteration of micas, feldspar			53.5	<0.10									
				porphyroblasts or quartz.			56.0	<0.10									
36.06	36.52	0.46	100	PEGMATITE : of very coarse grained light pink feldspar (grains <14cm			57.0	0.13									
				diameter), fractured with aplite infillings. Lower contact marked			58.0	0.21									
				by the jagged ends of fractured feldspars in vaguely banded aplite.			59.0	0.27									
				Upper contact is slightly irregular, but sharp at 60°.			60.0	0.24									
36.53	42.60	6.08	100	APLITE/VERY FINE GRAINED GRANITE :			61.0	0.22	doubtful?								
				36.52 - 40.36 : Medium to light green altered and fairly soft,			62.0	0.10									
				with micas and feldspars changed to light pea green chlorite.			63.0	0.59									
				Vaguely banded for first 1.5m at 65° (probably sub parallel to			64.0	0.24									
				contact with above unit). Very fine grained with minor coarser			65.0	0.73									
				grained zones, and patches or veins of pegmatite at 39.34 - 39.40m,			66.0	0.76									
				40.18 - 40.25m, 40.04 - 40.07m, 39.6 - 39.73m and 39.47 - 39.55m.			67.0	3.0									
				Minor spots of molybdenite at 37.03m.			69.0	1.59									
				40.36 - 41.74m : Greisenized, hard, fine 'sugary' recrystallized			69.0	1.57									
				texture. Light grey with minor flakes of golden brown biotite.			70.0	0.17									
				Gradational upper boundary from fine grained granite and pegmatite			73.8	<0.10									
				over 2cm; lower boundary sheared at 20°. Minor spots of purple			74.8	0.33									
				fluorite.			75.8	0.19									
				41.74 - 42.60m : As for 36.52 - 40.36m. Lower boundary irregular			182	<0.10									
				and gradational over 4cm to fine grained granite. Fluorite, talc													
				and minor sulphide vein, 20°, <1mm wide, at lower contact.													
42.60	43.56	0.96	100	LOTTAH GRANITE : Fine grained soft, altered and light green.													
				Feldspars and micas altered to light green chloritic/clayey													
				material. Minor dark green biotite specks. Near upper contact													
				minor fine grained aplitic patches, light green and altered. Medium													
				green very altered mica rich zone : 43.17 - 43.48m. Lower contact													
				irregular and gradational over 3cm.													
43.56	44.19	0.63	100	APLITE/VERY FINE GRAINED GRANITE : Description as for 36.52-40.36m													
				Medium to light green and altered. Gradational lower boundary.													

INTERVAL (m)		RECOVERY		DESCRIPTION 657047	FORM.			% Sn.									
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% W
44.19	71.5	27.31	100	LOTTAH GRANITE-GREISEN:													
				44.19 - 46.10 : Fine grained, pinkish-light green with light		44.0	45.0	<0.01			<0.01	<0.1	<0.01	0.01			<0
				greenish alteration of muscovite and some feldspars. Biotite black		45.0	46.0	<0.01			<0.01	<0.1	<0.01	0.01			<0
				to dark green. Grades through 10cm of hard pink granite with													
				light green-brown MICA to unit below. Lower contact is irregular but													
				sharp. Light green altered aplite/very fine grained granite at													
				44.47-44.55m with sharp sub-horizontal boundaries. Description													
				as for 36.52 - 40.36m.													
				46.10 - 49.64 : Medium green altered and slightly greisenized; all		46.0	47.0	0.19			<0.01	<0.1	<0.01	0.01			<0
				micas altered to green chlorite. Minor remnant feldspar greenish		47.0	48.0	0.26			<0.01	0.3	<0.01	0.02			<0
				and 'soapy'. Some zones slightly finer grained. Minor grains of dark		48.0	49.0	0.26			<0.01	<0.1	<0.01	0.04			<0
				brown cassiterite. Very minor specks of molybdenite and chalcopyrite													
				at 46.75 - 48.70m. (Pet. 47.36 - 47.41m)													
				49.64 - 55.86m : Fine grained, slightly altered and greenish.		49.0	50.0	0.03			<0.01	<0.1	<0.01	0.01			<0
				Muscovite light green and slightly altered. Spots of dark green		50.0	51.0	0.01			<0.01	<0.1	<0.01	0.02			<0
				biotite. Gradational upper and lower boundaries. (Pet. 51.56 - 51.64m)		51.0	52.0	0.34			<0.01	<0.1	<0.01	0.02			<0
				55.86m - 61.25m : Medium grained, slightly greisenized medium		52.0	53.0	0.06			<0.01	<0.1	<0.01	0.01			<0
				green and altered. All micas altered to light olive green-brown		53.0	54.0	0.09			<0.01	<0.1	<0.01	0.03			<0
				clays and micas. (Pet. 57.35 - 57.40m)		54.0	56.0	<0.01			<0.01	<0.1	-55m 0.01 -56m 0.01	0.02 0.04			<0
				MINOR DARK BROWN GRAINS OF CASSITERITE <3mm, and minor poikolitic		56.0	57.0	0.21			<0.01	<0.1	<0.01	0.04			<0
				spots of molybdenite <2cm diameter.		57.0	58.0	0.50			<0.01	<0.1	<0.01	0.03			<0
				61.25m - 65.3m : As above but rock not quite as altered. Biotite		58.0	59.0	0.32			<0.01	<0.1	<0.01	0.03			<0
				as medium grained black "books". Minor cassiterite and molybdenite		59.0	60.0	0.04			<0.01	<0.1	<0.01	0.01			<0
				61.25 - 62.65m. Very minor to no cassiterite, or molybdenite, from		60.0	61.0	0.21			<0.01	<0.1	<0.01	0.01			<0
				62.65 - 65.8m. (Pet. 62.65 - 62.72m) (Pet 63.52 - 63.58m)		61.0	62.0	0.07			<0.01	<0.1	<0.01	0.01			<0
				65.3m - 68.5m As above but minor black biotite "books". Abundant		62.0	63.0	0.58			<0.01	<0.1	<0.01	0.01			<0
				Dark brown cassiterite and minor molybdenite at 65.8 - 66.4m. Core		63.0	64.0	0.29			<0.01	<0.1	<0.01	0.01			<0
				very fractured and broken up 64.8 - 68.0m. (Pet. 65.11 - 65.17m)		64.0	65.0	0.60			<0.01	<0.1	<0.01	0.01			<0
				68.5 - 70.18m : As above but biotite as medium green and altered		65.0	66.0	0.63			<0.01	<0.1	<0.01	<0.01			<0
				"books". (Pet. 69.75 - 69.79m) (Pet 68.81 - 68.86m) (Pet 67.25 - 67.30m)		66.0	67.0	3.01			<0.01	<0.1	0.02	<0.01			<0
				70.18 - 71.5m : Medium to fine grained, light grey to cream slightly		67.0	68.0	1.24			<0.01	<0.1	0.01	<0.01			<0
				greisenized. All micas and some feldspar altered to light brown		68.0	69.0	1.60			<0.01	<0.1	0.01	<0.01			<0
				micas and clays. Gradational upper boundary; irregular lower		69.0	70.0	0.16			<0.01	<0.1	<0.01	<0.01			<0
				contact with some mixing of rock types over 4cm; minor cassiterite.		70.0	71.0	<0.01			<0.01	<0.1	<0.01	0.01			<0
71.5	74.23	2.73	100	FELDSPAR ROCK/APLITE : Fine grained, light brown to cream feldspar		71.0	72.0	0.23			<0.01	<0.1	<0.01	0.02			<0
				with very altered light brown remnants of mica. Very minor to no		72.0	73.0	0.02			<0.01	<0.1	<0.01	0.01			<0
				quartz zone, rich in very altered brown mica at 72.04 - 72.15.		73.0	74.0	0.01			<0.01	<0.1	<0.01	<0.01			<0
				Gradational lower boundary over 2cm. Purple fluorite and talc vein													
				at 72.58 - 72.63; sub horizontal. Altered medium green, coarse													
				grained feldspar rock with fluorite crystals at 72.63 - 72.70.													
				Grading from fluorite vein to altered pegmatite below. Pegmatite													
				of altered and unaltered fairly coarse greenish and pink feldspar,													
				with minor light green amorphous areas interstitially, and patches													

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION 657048	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% W
				of dark green chloritic alteration over-printed, at 72.7m - 73.09m.													
74.23	129.35	55.12	100	LOTTAH GRANITE :		74.0	75.0	0.23			<0.01	<0.1	<0.01	<0.01			<0
				74.23 - 75.9m : Fine grained, slightly altered, light green with		75.0	76.0	0.02			<0.01	<0.1	<0.01	<0.01			<0
				dark green mica spots. Minor irregular patches of darker green													
				alteration which become more numerous in unit below. (@ 74.25-74.3m)													
				75.9m - 77.6m : Fine grained, similar to above with numerous dark		76.0	77.0	<0.01			<0.01	<0.1	<0.01	<0.01			<0
				green irregular patches of dark green altered biotite, green		77.0	77.8	0.02			<0.01	<0.1	<0.01	<0.01			<0
				altered feldspar and dark grey quartz. Gradational boundaries.													
				77.6m - 94.22m : Medium grained, similar to 74.23 - 75.9m but with													
				intervals of 'sugary' textured greisen, with golden brown biotite. Sharp													
				boundaries over 1cm and sub horizontal, at: 91.86m - 92.2m, medium													
				green; 93.05 - 93.69m greyish pink; 93.86 - 94.0m, dark green; 94.1 -													
				94.22m dark green.													
				94.22m - 98.8m : Medium grained, medium green, slightly altered													
				with dark green irregular patches similar to those in unit													
				75.9m - 77.6m.													
				98.8m - 113.1m : Similar to above but very minor dark green													
				irregular patches. Greizen zone, medium green-grey, "sugary"													
				textured, coarse grained, with minor altered dark green and orange-													
				brown micas, at 105.86 - 106.3m.													
				113.1m - 129.35m : Similar to above but with pink feldspar; dark													
				green altered biotite-rich irregular patches at 116.5m - 116.15m													
				and 116.45m - 116.49m.													
129.35	133.6	4.25	100	GREISEN : Medium grained, light to medium greyish-green, 'sugary'													
				textured with golden-brown biotite. Grades into minor dark green													
				zones.													
133.6	140.58	6.98	100	LOTTAH GRANITE - GREISEN : Medium grained, medium greyish-green													
				similar to above but not as greisenized. Minor light greyish													
				zones with some pink feldspar patches and minor darker green													
				altered zones. Minor purple fluorite-coated fractures. Core very													
				fractured and crumbly at 137.0m - 139.6m with very minor light													
				green clay veins (only 1.7m core recovered; 35% core loss).													
140.58	158.02	17.44	100	LOTTAH GRANITE: 140.58 - 145.2m : Fine grained, light to medium													
				grey with minor pink and cream zones and minor dark green altered													
				irregular patches. Slightly greisenized. The granite has light													
				green muscovite, dark green biotite, grey quartz and pinkish													
				cream to grey green feldspar.													
				145.2m - 158.02m : Medium grained, medium green with dark green													
				irregular patches. The rock is altered with medium to dark green													
				altered micas, light to medium green altered feldspar and medium													
				grey quartz. Minor dark green crumbly zones and very minor													
				fracturing. The last 2m lighter coloured, less altered with													
				cream feldspar													

INTERVAL (m)		RECOVERY		DESCRIPTION — 657049 — FORM.
FROM	TO	m	%	
158.02	158.28	0.26	100	FELDSPAR ROCK : Fine grained, creamy pink with some dark green biotite spots, light green muscovite and very minor medium grained quartz. Gradational boundaries.
158.28	165.31	7.03	100	LOTTAH GRANITE : Fine grained, light pinkish grey, very slightly altered with light pink feldspars, medium green mica spots and "clots". Dark green altered zone at 164.7m - 165.2m.
165.31	165.52	0.21	100	POIMENA GRANITE : Coarse grained, porphyritic, greenish-pink with feldspars and micas altered to light green clays. Sharp boundaries at 65°, with a concentration of black biotite where the fine grained lottah granite has reacted with the coarse grained Poimena granite.
165.52	166.22	0.74	100	LOTTAH GRANITE : Fine grained, similar to unit at 158.28 - 165.31 but with minor fragments of very coarse quartz, feldspar and pegmatite.
166.22	167.15	0.93	100	POIMENA GRANITE : 166.22 - 166.36 : Dark grey porphyritic with concentration of black biotite near boundary with lottah granite. Upper boundary sharp at 60°, then grades into below unit. 166.36 - 166.63 : As above but micas and some feldspar are altered to light green clays. 166.63 - 166.87 : As above but micas are fresh and black. 166.87 - 167.11 : Micas and some feldspar altered to light green clays. 167.11 - 167.15 : Similar to 166.22 - 166.36. Lower boundary sharp at 55°.
167.15	168.48	1.33	100	GRANITE BRECCIA : Mixture large fragments of coarse grained Poimena granite and very minor dark grey aplite in fine grained altered light green lottah granite. Concentrations of black biotite occur in the coarse grained granite at the boundaries with the fine grained granite, for several centimetres. Lower boundary sub-horizontal.
168.48	177.35	8.87	100	POIMENA GRANITE : Coarse grained, dark grey, porphyritic with large pink feldspars. First 25cm and last 10cm of core, is light pink with altered light green and light pink feldspar, light green to yellow altered biotite and grey quartz. Lower boundary sharp at 45° with a concentration, of black biotite and grey quartz. 168.8 - 169.25 : Greisenized fine grained granite, light greenish grey, sugary textured. Upper boundary sharp at 40°; lower boundary irregular and marked by a mixture of patches of coarse grained granite and greisenized fine grained granite. Black biotite is concentrated in the coarse grained granite at the boundary and feldspars are pinked for 20-30cm. Near lower boundary occur irregular patches of fine grained light grey greisenized fine grained granite with flakes of brown biotite.

% Sn.											
FROM	TO	TOTAL	ACID SOL.	% Cu.	% Fe	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
44	45			0·02	0·9						
45	46			0·02	1·0						
46	47			0·03	2·1						
47	48			0·03	3·0						
48	49			0·03	2·6						
49	50			0·02	1·3						
50	51			0·03	1·5						
51	52			0·03	1·9						
52	53			0·03	1·5						
53	54			0·03	1·9						
54	55			0·03	0·9						
55	56			0·03	1·4						
56	57			0·03	3·0						
57	58			0·02	2·1						
58	59			0·03	1·8						
59	60			0·02	1·6						
60	61			0·02	2·0						
61	62			0·04	1·3						
62	63			0·03	1·2						
63	64			0·04	1·0						
64	65			0·03	1·1						
65	66			0·02	0·8						
66	67			0·03	1·3						
67	68			0·03	0·9						
68	69			0·02	1·1						
69	70			0·02	1·0						
70	71			0·02	1·6						
71	72			0·03	2·0						
72	73			0·02	1·1						
73	74			0·03	0·7						
74	75			0·02	0·5						
75	76			0·03	0·3						
76	77			0·02	0·9						
77	77·8			0·01	0·7						

LOGGED BY : L.MARTIN

INTERVAL (m) FROM	TO	RECOVERY m	%	DESCRIPTION 657050	FORM.	% Sn. FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO_3
				169.74 - 169.89m : Aplite vein, fine grained light grey to cream, 4cm wide at 35°. Sharp boundaries with black biotite concentration in coarse grained granite.												
				177.10 - 177.20m : Pegmatite vein of coarse grained light green mica. The vein is 3cm wide at 35° with diffuse boundaries.												
177.35	179.48	2.13	100	LOTTAH GRANITE :													
				177.35 - 177.75 : Fine grained light pinkish-grey with fresh black biotite and fresh light green muscovite; grading to:													
				177.75 - 179.40 : Medium green core with altered medium green micas; grades to:													
				179.40 - 179.48m : Dark green, rich in altered green mica.													
179.48	180.75	1.27	100	POIMENA GRANITE :													
				179.48 - 179.5m : Baked, altered and recrystallized granite at contact with Lottah granite. Rock is fine grained, dark grey rich in biotite and dark grey quartz. Upper boundary is sharp and at 45°.													
				179.5 - 180.75 : Coarse grained, medium grey porphyritic with pink feldspar porphyroblasts. Altered for first 30cm and last 20cm to light pink rock with micas and some of the groundmass feldspars now light green and clayey. Sharp lower boundary at 10°.													
180.75	181.38	0.63	100	GREISEN : Very fine grained, medium grey, "sugary" textured with grey to black flakes of biotite. Sharp lower boundary at 35°.													
181.38	182.0	0.62	100	LOTTAH GRANITE : Fine grained, grey-green, slightly altered.													
				END OF HOLE.													