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RENISON LIMITED

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E.L. 9/76

BLUE TIER AREA

NORTH EAST TASMANIA

E.L. 9/76

**MICROFILMED**

GEOLOGICAL REPORT ON

BULK SAMPLING AT THE

ANCHOR TIN DEPOSIT

**OPEN FILE**

AUGUST 1981

Submitted by:

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N.B. Photographic prints of PQ drill core are contained in a separate volume and accompany the original of this report which is held by Renison Limited.

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## 1. INTRODUCTION

As part of the detailed assessment of the Anchor Tin Deposit, the Operator (Renison Limited) proposed a program of definitive drilling and bulk sampling (Newnham 1980), which was completed in the period November 1980 to June 1981. Four samples were obtained by means of percussive drilling and blasting (one sample) and large core (PQ) diamond drilling (three samples). Following geological evaluation of the samples by the writer, the material was submitted to the Launceston laboratories of the Mines Department of Tasmania for subsequent metallurgical testwork under the supervision of Renison metallurgists.

The additional geological information obtained through the bulk sampling exercise has indicated two main "ore" types. Significantly there are aspects of cassiterite distribution which have important implications for the correct assessment of grade of the deposit.

### 1.1 Geological Setting

The abandoned open pit workings of the Anchor Mine occur in a series of Upper Devonian granitic intrusive rocks collectively known as the Blue Tier Batholith. Cassiterite mineralization occurs in an altered zone approximately 750m in length x 100m wide x 40m thick, located at the top of a medium grained equigranular alkali granite (Anchor Granite) and beneath the contact of this granite with an overlying coarse grained porphyritic adamellite (Poimena Adamellite). The Anchor Granite is intrusive into the Poimena Adamellite and the altered mineralised zone is believed to have formed during late stage cooling of the younger intrusion - whereby late magmatic and hydrothermal fluids have been trapped in local structural "highs".

The limits of the mineralized altered zone have been delineated by core drilling in the floor of the open pit workings and to the north east where the overlying

barren granites are preserved due to rising topography (Figure 1).

This zone is defined as a continuous body of stanniferous altered granite generally containing in excess of 150 to 500 ppm Sn. Within this body, however, there are zones of higher grade mineralization which can be assessed at cut off grades of 0.1% and 0.2% Sn for bulk mining purposes. Using a cut-off grade of 0.2% Sn a persistent zone of higher grade mineralization (termed A Lens) has been defined north-east of the old workings and immediately below the barren cap.

In the remainder of the deposit, that is essentially below A Lens and in the floor of the open pits, the present drilling density is insufficient to demonstrate grade continuity. It is suggested there are additional zones of +0.2% Sn, however their distribution is somewhat erratic. The main zone at this level is termed B Lens.

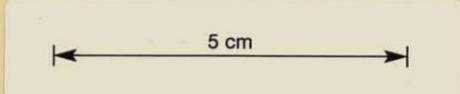
#### 1.2 Mineralization

Cassiterite and traces of sulphide, wolframite mineralization accompany the formation of alteration minerals in the Anchor Granite.

Cassiterite is the only tin mineral detected to date and occurs as erratic disseminations and, less commonly, as discrete clusters in mica rich segregations.

Sulphide traces (Table 1) occur within the zone of alteration, however the distribution and abundance of sulphides is not uniquely consistent with the distribution of cassiterite. This observation is in agreement with the processes of alteration discussed in Section 4.

Of commercial importance is the occurrence of anomalous levels of Ag associated with Cu (and occasionally Zn) sulphides. Sulphides occur as disseminations and clusters, their overall abundance consistent with increased alteration in A Lens.



RENISON LIMITED  
 ANCHOR TIN DEPOSIT  
 PLAN SHOWING OLD WORKINGS  
 & LOCATION OF BULK SAMPLE SITES

Geologist: A.F.R. Date: Aug 1981  
 Drawn: T.G.D.S. Rev: \_\_\_\_\_

SCALE: 1:2000  
 0 20 40 Metres

FIGURE 1

Random assaying of drill core (both individual 1m samples and composited intervals) has demonstrated sub-economic abundances or lack of Au, W, Nb, Ta, U, Mo. Similarly low abundances of Pb, As, Bi have been demonstrated.

TABLE 1 SULPHIDES DETECTED IN ANCHOR MINERALIZATION

(from Fander 1977-80)

Acanthite	*Covellite	Pyrite
Arsenopyrite	*Digenite	Pyrrhotite
Bismuthinite	Galena	Sphalerite
Bornite	Molybdenite	Tetrahedrite
*Chalcocite	Proustite	
Chalcopyrite	Pyrargyrite	*Secondary

### 1.3 Alteration

The barren Anchor Granite is characterised by primary assemblages of quartz, albite, orthoclase and biotite in approximately equal proportions. The granite is progressively altered to form greisenised granites and granular greisens. The changes observed in drill core are often gradational although intense "vein like" discordant greisen segregations are encountered, however these intense "vein like" structures comprise little of the bulk of the alteration. Overall, the intensity of alteration is greatest at the top of the Anchor Granite intrusion, and decreases in intensity with depth.

Greisenised granites retain much of the primary feldspar and therefore have a granitic texture. Granular greisens are often coarser grained than the unaltered granite, are devoid of a granitic fabric and often have a stressed appearance. Colour changes are subtle and are generally characteristic of the intensity of alteration - from white to cream granite, through light grey-green greisen granite to dark grey-green greisen.

Alteration of the alkali granite occurred in at least two phases (Table 2). The first stage involved the replacement of feldspar and primary magmas by topaz and yellow green to dark green phlogopite and the introduction of cassiterite, accompanied by sporadic traces of purple fluorite and apatite. 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 sericite and other minerals, such as sideritic carbonate and sulphides (Fander 1977).

A Lens mineralization is accompanied by intense alteration - the dominant lithology is a quartz-topaz-mica granular rock with minor greisen granite. The remainder of the deposit consists of dominant greisen-granite at various stages of alteration with minor amounts of intensely altered granular greisen.

TABLE 2      MINERALOGICAL ADDITIONS ACCOMPANYING  
ALTERATION  
(from Fander 1977-80)

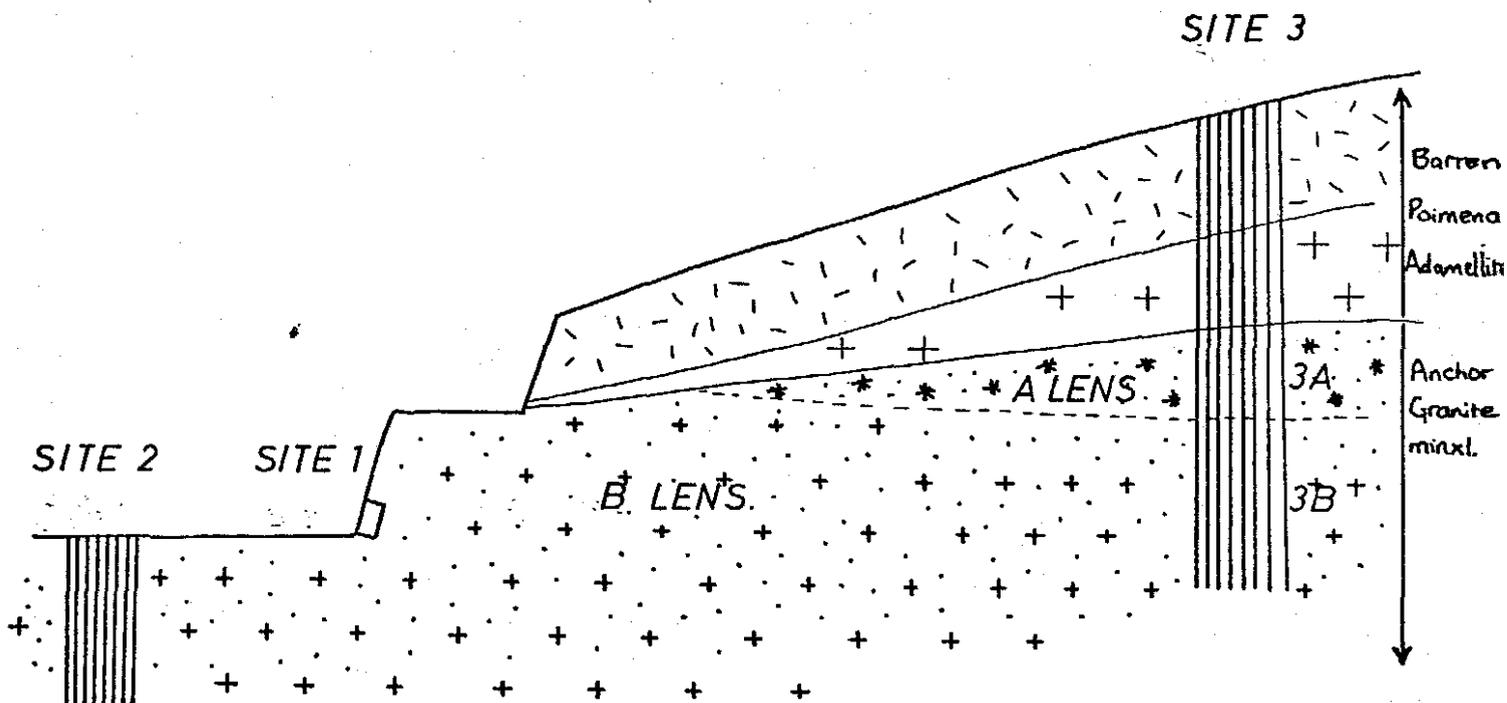
<u>Primary</u>	<u>Late Magmatic</u>	<u>Greisening Phase</u>
Quartz	Muscovite	Green Biotite
Albite	Topaz	Topaz
Orthoclase		Cassiterite
Pale biotite		Fluorite
		Apatite
	<u>Hydrothermal Phase</u>	
	Sericite	
	Siderite	
	Sulphides	

<sup>4</sup>  
1.5 Bulk Sampling Nomenclature

<sup>three</sup>  
Four samples were obtained from the localities shown on the accompanying plan (Fig.1). Additional samples were planned in the initial program (Newnham 1980), however these were considered unnecessary due to;

- (a) the general gross uniformity of mineralized greisen granite in the main body i.e. if warranted, additional material can be easily obtained in the present open cuts without requiring large core drilling.
- (b) the confirmation (by small core exploration drilling) that a deep zone of stanniferous pegmatitic material south east of the old workings is of no commercial interest at this time. Therefore metallurgical characterisation of this lithology was not justified.

The samples are numbered #1, 2, 3A, 3B -: at the third site the cores were divided into two samples based on observed mineralogical differences. Samples #1, 2, 3B are essentially similar in composition i.e. mineralized greisen granite. Sample 3A consists mainly of granular greisen from the higher grade A Lens (Fig.2).



SKETCH - Section through Anchor Deposit showing Relationship of Bulk Samples.

FIGURE 2.

## 2. SAMPLE NO.1

### 2.1 Description

Approximately three tonnes of mineralised greisen granite were blasted from the eastern face of the workings. From this 4 x 200 litre drums of broken material were despatched to Launceston.

The site chosen was at the exposed Eastern Face at 267 RL in the vicinity of DDH 3 and 51. Here the face consists of massive equigranular and uniform greisen granite, with disseminated cassiterite and sulphide traces. One minor joint, slightly clayey and seeping water, traversed the face at an angle of  $+30^{\circ}$  from borehole MS 10.

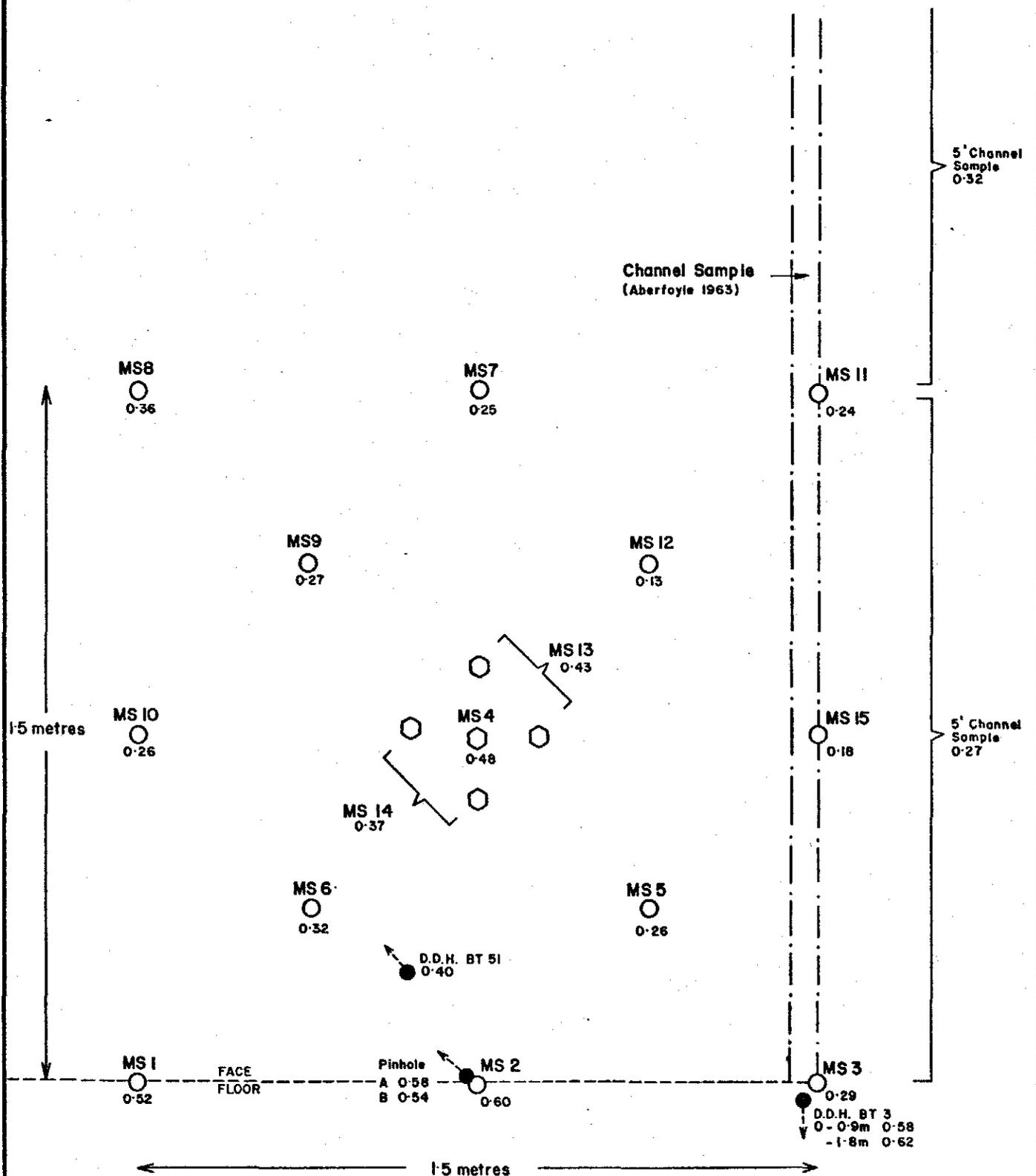
### 2.2 Grade Information prior to Sampling

A grade of 0.47% Sn was estimated prior to obtaining the sample. This estimate is based on channel and drill core assays (shown in Figure 3), as follows;

- (a) channel samples assayed in 5 feet (1.52m) intervals from the top of the face to the floor (by Aberfoyle in 1963). The bottom run assayed 0.27% Sn. The run above was 0.32% Sn.
- (b) DDH BT3 ( $-90^{\circ}$ ) was collared at the base of the channel sample. Split core assays were 0 to 90cms 0.58% Sn, 90 - 180cms 0.62% Sn.
- (c) DDH BT 51 was drilled into the face at a low angle ( $-10^{\circ}$ ) and approximately  $30^{\circ}$  to the plane of the face. Split core assay from 0 to 1m is 0.40% Sn.
- (d) The core from the anchor pin hole for DDH BT51 was split and both half cores were assayed. Approximate length of 1m - sample A 0.58% Sn, sample B 0.54%Sn.

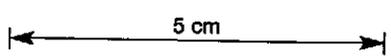
### 2.3 Sampling Method

- (a) A pattern of boreholes was drilled normal to the



**LEGEND**

- MS3 Small diameter bore hole and sample no.
- MS4 Large diameter bore hole and sample no.  
0.40 Tin assay %



<b>RENISON LIMITED</b>	
<b>ANCHOR MINE EASTERN FACE BULK SAMPLE No.1</b>	
Geologist: A. Rose	Scale: 1:125
Drawn: T.G.D.S.	Date: Sept 1981

**FIG. 3**

face after marking out a 1.5m square using the old channel sample as the right hand limit and the floor as the lower limit.

- (b) Holes MS 1-2, 5-12, and 15 were small diameter holes and 0.6m in length. Holes MS4, 13 and 14 were larger diameter holes and 1.0m in length.
- (c) During boring operations a large plastic sheet was laid out under the hole in order to collect rock chips and flour. Each sample thus collected was weighed and assayed by the Department of Mines, Launceston.

#### 2.4 Estimate of Grade of the Bulk Sample

A simple arithmetic average of all sample data indicates the best geological estimate of grade of the bulk sample is 0.38% Sn.

#### 2.5 Comments

The grade estimate of 0.38% Sn is in close agreement with the average metallurgical head grade of 0.35% Sn (sample population 10) - (W. Selby, pers. comm.)

Of concern is the disagreement between the initial estimate (0.47Sn) and the more precise metallurgical estimate (0.35Sn).

The questions arise:

- (a) how valid are grade estimates based on diamond drill holes at 40 to 50m intervals?
- (b) what sampling density is necessary to provide an acceptable grade estimate?

### 3. SAMPLE NO.2

#### 3.1 Description

Approximately 3 tonnes of mineralised greisen granite

were cored by drilling eight PQ holes (length 25m) in the vicinity of exploration DDH BT 71, which encountered 24m of 0.45% Sn in the floor of the open cut.

The initial intersection consisted of two high grade zones separated by low grade mineralization; i.e. 0 to 9m, 0.58% Sn; 9 to 16m, 0.13% Sn; 16 to 24m, 0.73% Sn

Additional assays from the zone are:

0 to 24m <0.01% acid soluble Sn, 0.0125% Cu, <0.1% As, 0.12% S, <0.01% Pb, 0.025% Zn, 0.008% Bi, <1 g/t Ag.

Petrological descriptions of four specimens from DDH BT 71 are appended (Appendix 1).

### 3.2 Method of Evaluation

The location of drill holes relative to DDH BT 71 is shown in Fig.4. Individual drill logs are presented in Appendix 2.

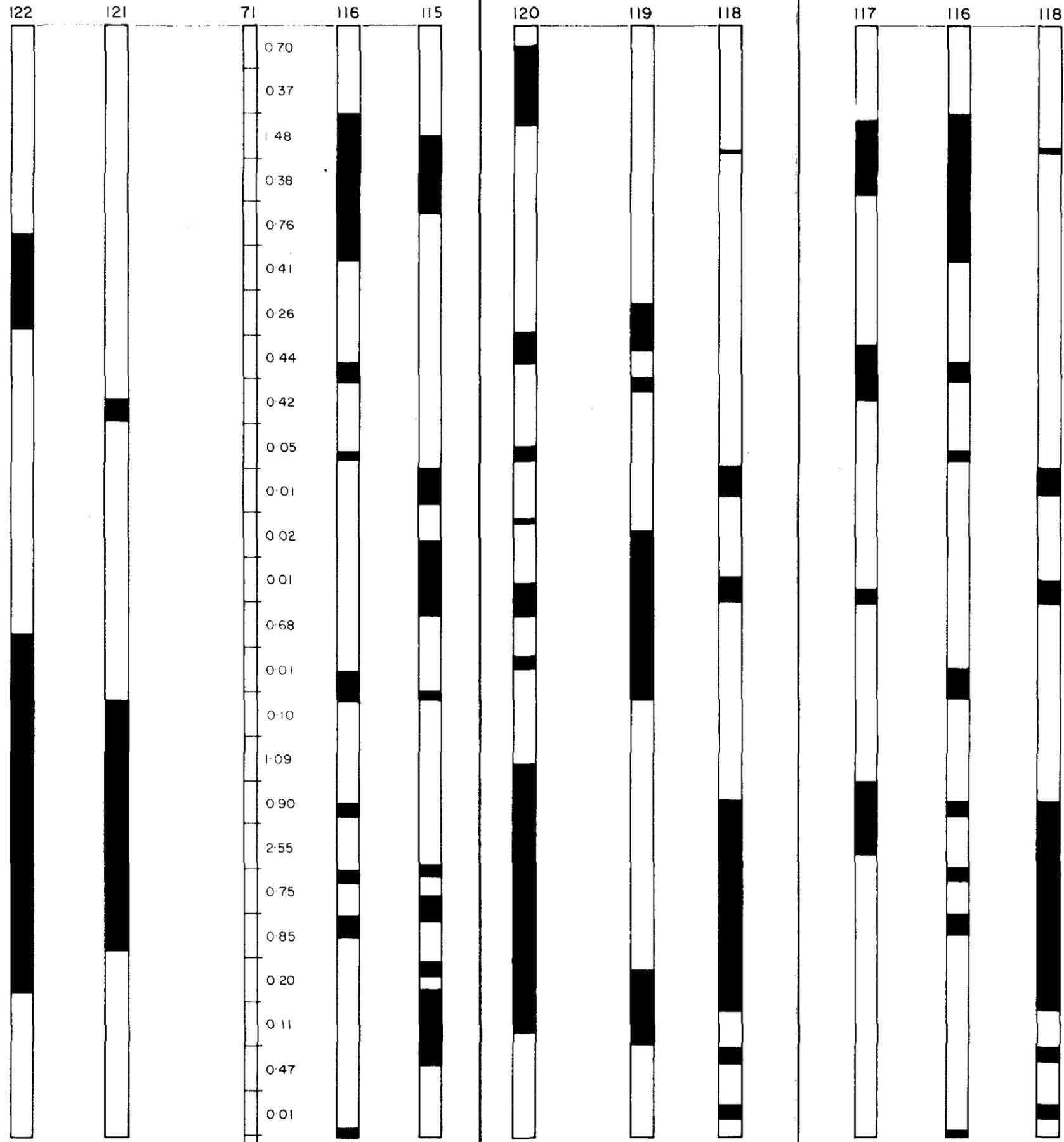
Prior to despatch each piece of core was individually described with careful attention paid to the abundance and morphology of cassiterite, and the nature of core breaks for engineering purposes. The core was photographed.

No attempt to assay the core was permitted at the geological evaluation stage.

All PQ core from this site was submitted as a metallurgical sample.

### 3.3 Lithology

The sample consists of variably altered greisen-granite with very rare zones of intensely altered mica greisen. The variation in alteration intensity is generally subtle and gradational - consistent with slight changes in the colour index.

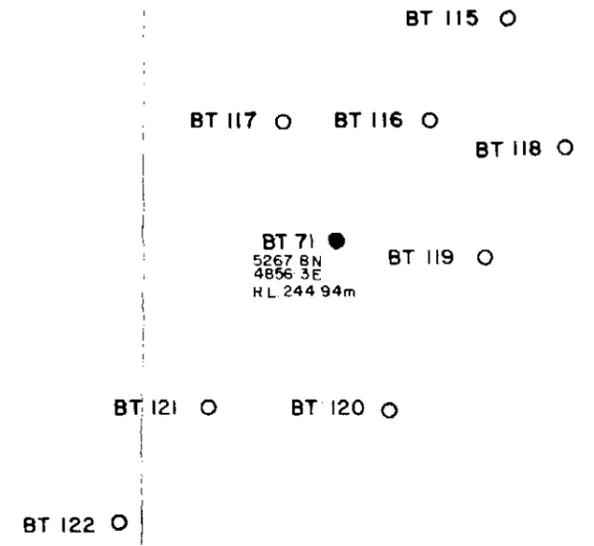
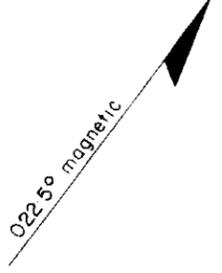


SECTIONS

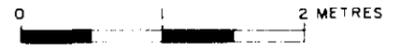
Hor / Vertical = 2 / 1



GRID NORTH

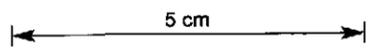


LOCATION PLAN



NOTE:

- i) BT 71 BQ hole  
BT 115-122 PQ holes.
- ii) Presence of cassiterite in PQ holes is indicated by shading on sections
- iii) Lithology - Greisen - granite to granite - greisen



RENISON LIMITED	
<b>ANCHOR TIN DEPOSIT</b>	
<b>BULK SAMPLE No.2</b>	
Geologist A.F. Ross	Date Aug 1981
Drawn T.G.D.S.	Scale As Shown

The overall view is that alteration is pervasive, although variable in intensity. Alteration is not controlled by or associated with joints or discordant vein structures.

#### 3.4 Distribution and Morphology of Cassiterite

Whilst a visual estimate of % Sn grade was not attempted, the distinction was made between the presence or absence of cassiterite and then, the relative concentration in terms of "trace, common, abundant". The detailed core logs (Appendix 2) are summarised in Figure 4 where cassiterite distribution in the close spaced PQ holes can be compared with the assays of DDH BT71.

Cassiterite was observed as fine to medium disseminated grains, erratically distributed throughout the core. Occasionally observed were clusters or aggregates of cassiterite.

No vein-like occurrences of cassiterite were observed. Similarly, trace sulphides are erratically disseminated throughout the core.

#### 3.5 Estimate of Grade

Split core assays from DDH BT71 provide an estimate of 0.45% Sn. This estimate compares unfavourably with a metallurgical head grade of 0.29% Sn (W. Selby - pers. comm.).

#### 3.6 Comments

The detailed geological logging of the PQ holes highlights the erratic distribution of cassiterite in the bulk sample. As with Bulk Sample No.1, the grade estimate based on drill core has over valued the bulk sample grade.

#### 4. SAMPLE NO.3

##### 4.1 Description

Eight PQ holes were drilled in a line, collars spaced 2 metres apart, and adjacent to DDH BT65. The site is located on the hill north-east of the old workings. Here the granite sequence is intact i.e. the mineralized altered Anchor Granite is in contact with the overlying barren Poimena Adamellite, which is weathered to an average depth of 23 metres.

Exploration DDH BT65 encountered an intensely altered zone from 40 to 49m. Bulk average grade of this zone (after cutting down high Sn values above 1.5% Sn) is estimated at 0.78% Sn. Additional assays are 0.041%Cu, 0.144% Zn, 8 g/t Ag.

Below the intensely altered zone the hole encountered a further 15m of lesser alteration carrying 0.11% Sn bulk average grade, with 0.015% Cu, 0.03% Zn, 3 g/t Ag.

##### 4.2 Method of Evaluation

Core from the PQ holes was logged and photographed in a manner similar to bulk sample No.2. Core logs are presented in Appendix 3.

Again no assaying of the core was undertaken in the geological evaluation stage.

Observed mineralogical differences in the mineralized altered zone within the Anchor Granite necessitated the splitting of the bulk sample into two parts i.e. samples 3A, 3B as shown in Figure 5.

The barren lithologies above 3A, 3B have been retained and are stored at St.Helens.

##### 4.3 Lithology

The lithologies developed at the adamellite/granite contact are complex but localised in their distribution. The contact is essentially horizontal and well defined. Beneath the contact the "ore" types are simple and essentially homogeneous.

NORTH

SOUTH

932018

Hole No. 65 136 135 134 133 126 125 124 123

38 metres

64

LEGEND

POIMENA ADAMELLITE TYPES

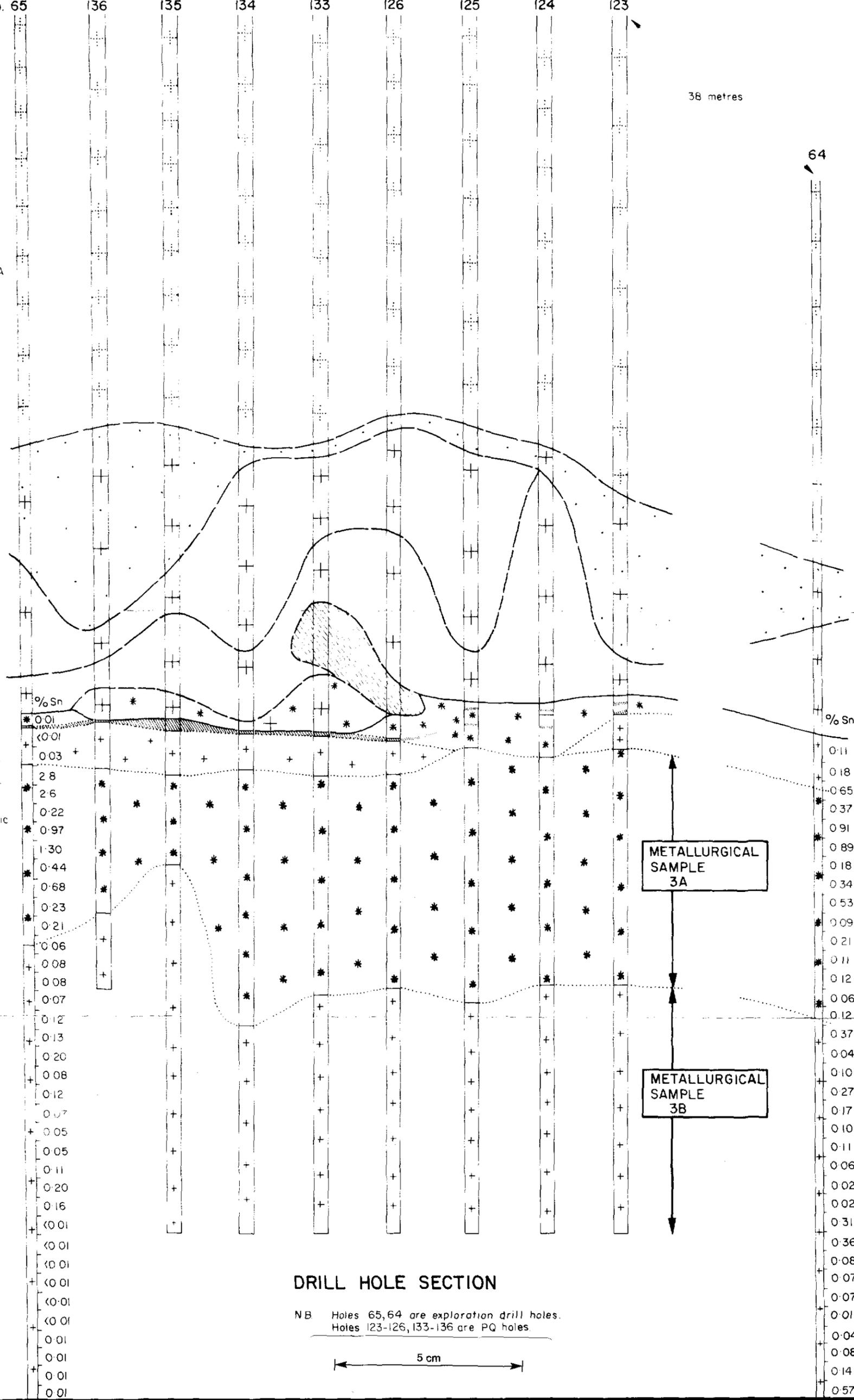
- Non coring in weathered PA
- Crumbly partially weathered PA
- Fresh grey PA, minor microgranite
- Pinkened PA
- Greisen derived from PA

CONTACT ZONE TYPES

- Pink feldspathic pegmatoid rock. Hematite ? Cackade textures. Origin unknown.
- Siliceous medium grained greisen. Probably derived from alkali granite
- Quartz segregations pegmatite

ANCHOR GRANITE TYPES

- Siliceous granular greisen. Qtz-topaz-mica rock. Medium to coarse grained.
- Greisen-granite, Feldspathic
- Greisen-granite, Sericitic



METALLURGICAL SAMPLE 3A

METALLURGICAL SAMPLE 3B

DRILL HOLE SECTION

NB Holes 65,64 are exploration drill holes. Holes 123-126, 133-136 are PQ holes.

5 cm

Geologist: A.F. Ross  
Date: Aug 1981  
Scale: 1:2000 (vert.)  
Down: T.G.D.S.

**ANCHOR TIN DEPOSIT**  
**BULK SAMPLE No.3**

RENISON LIMITED

FIGURE 5

Sample 3A consists of a medium to coarse grained granular quartz-topaz-mica rock (siliceous granular greisen) and minor greisen granite. It is gradational into sample 3B which consists mainly of greisen-granite, i.e. similar to bulk samples 1 and 2. The overall abundance of disseminated Cu, Zn sulphides is higher in sample 3A.

Lateral continuity of A Lens (i.e. sample 3A) mineralization is demonstrated throughout the section, although local thinning of the unit is encountered in holes 135, 136, i.e. from 12m average thickness in holes 123 - 126, 133, 134 to 5m.

#### 4.4 Distribution and Morphology of Cassiterite

Although the 3A lithology is distinctive and generally persistent, within the unit the style of cassiterite distribution is similar to previous bulk samples, i.e. as erratic disseminations or clusters. Generally higher Sn grades are anticipated for sample 3A and a feature of the unit is the observed greater proportion of coarse grained cassiterite (relative to the mineralized greisen granite samples).

#### 4.5 Estimate of Grade

The best geological estimate of grade of sample 3A is based upon nearby exploration drill holes which encountered similar mineralization. These intersections are up to 60m from the bulk sample site with the majority of intersections occurring between 40 and 60 metres. (i.e. holes 65, 101, 14, 64, 102, 16, 17, 42, 22 and 68).

Whilst the individual exploration drill hole grades range from 0.16% to 0.78% Sn (average 0.40% Sn) recognition must be given to the spatial distribution of values. Through such weighting of the exploration grades a new estimate of 0.50% Sn is proposed.

At the time of writing no metallurgical head grades were available for comparison.

The bulk grade of sample 3B is unlikely to be above 0.20% Sn.

5. SUMMARY AND CONCLUSIONS

Bulk sampling of the Anchor Tin Deposit has provided four samples for metallurgical testwork. Three of the samples (No.1, 2, 3B) are similar and from low grade greisen granite. Sample 3A is from A Lens mineralization, is higher grade and consists mainly of siliceous granular greisen.

Cassiterite is irregularly distributed in the bulk samples, mainly as erratic disseminations.

Differences between grade estimations based on 40 to 50m spaced exploration diamond drill holes and metallurgical head grades are thought to result from the erratic distribution of cassiterite.

6. REFERENCES

Fander, H.W. 1977-80 Unpublished petrological reports to Renison Limited.

Newnham, L.A. 1980 Proposal for the Further Evaluation of E.L. 9/76 - Blue Tier, Tasmania.  
Unpublished report for Renison Limited.

APPENDIX 1

REPORT C.M.S 80/1/11

Anchor Mine Samples

Four drill-core samples from DDH BT 71 were received for petrological examination, with special reference to the occurrence of cassiterite.

The samples (from 17.6 m, 17.9 m, 18.5 m, 19 m) were thin-sectioned and examined; because of their similarities, they are described collectively.

Petrology

The rocks are greisenised, mineralised, dominantly sodic granites, with fairly evenly distributed cassiterite.

The rocks consist of abundant, coarse quartz, as anhedral interlocking patches up to 3-4 mm across, with smaller laths of fresh albite, minor orthoclase, and relatively coarse muscovite flakes (and pale phlogopite). Replacive minerals, of pneumatolytic origin, are irregular to subhedral topaz crystals, and subradiating groups of muscovite flakes.

The cassiterite is generally associated and intergrown with the introduced muscovite; unlike previous samples, in which cassiterite forms good, often coarse crystals, the occurrences in all four intersections tend to be skeletal, irregular, poikiloblastic patches; these patches, though quite large, are intergrown with muscovite and thus lack the compactness of single crystals without intergrowths. The textures are unusual and are illustrated in the accompanying photomicrographs.

Because of the skeletal nature of the cassiterite, its effective grain size (in terms of liberation) is much smaller than in other samples; compact masses (i.e. cohesive grains) seldom exceed 300  $\mu$ , and many are in the 10  $\mu$  - 100  $\mu$  or even 10  $\mu$  - 50  $\mu$  range; nevertheless, topaz is the only other "heavy" mineral present in any quantity. However, the metallurgy will naturally be affected.

Photomicrographs

- These photos are filed in the Blue Tier drill ledger*
- No. 1 (T.S. 30655, BT 71/17.6 m) Crossed polars, 30x  
A single skeletal cassiterite crystal (black) intergrown with muscovite, quartz, albite.
- No. 2 (T.S. 30655, BT 71/17.6 m) Crossed polars, 125x  
A single crystal of cassiterite intergrown with muscovite (mottled appearance).
- No. 3 (T.S. 30656, BT 71/17.9 m) Crossed polars, 30x  
Two skeletal cassiterite crystals (two patches with different optical orientation) with fine muscovite, coarser quartz and albite.
- No. 4 (T.S. 30658, BT 71/19 m) Crossed polars, 30x  
One large and two smaller skeletal cassiterite crystals intergrown with silicates.

H.W. Fander, M. Sc.

APPENDIX 2

BULK SAMPLE NO.2 CORE LOGS BT 115-122



DIAMOND DRILL RECORD

HOLE NUMBER : BT 115

LOGGED BY : A.R.

NW75

HOLE NO.	DEPTH (m)	RECOVERY	DESCRIPTION	FORM.	% Sn.															
					FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>				
BT115	Box 1		From 0 to 0.7m, rubble and mud. Very broken. Rest is very broken, light cream to grey granite - (greisen) D.D.M. N.O.SnO <sub>2</sub> . Clay on joints. (2.5m end box 1)																	
	Box 2		Grey-cream granite-greisen. Minor D.D.M. Minor sericite. Abundant feldspar. Abundant dark mineral, probably SnO <sub>2</sub> .																	
	R1-1		(U) drillers break (L) natural break. Clay on joint.																	
	R1-2		(U) natural break (L) natural break. Clay on joints.																	
	R2-1		(U) natural break (L) drillers break.																	
	R3-1		(U) drillers break (L) natural break. Clay on joints. (4.2m end box 2)																	
	Box 3		Grey yellow green slightly weathered granite-greisen with trace v. fine sulphides? Abundant feldspar. D.D.M. N.O.SnO <sub>2</sub> .																	
	R1-1		(U) natural break. (L) drillers break.																	
	R2-1		(U) drillers break (L) natural break. Clay on joint. (5.2m end R2)																	
	R3-1		(U) natural break (L) natural break. Clay on joint																	
	R3-2		(U) natural break (L) natural break. Clay on joint.																	
	Box 4		Grey white equigranular monotonous granite (greisen). Abundant feldspar. D.D.M. N.O.SnO <sub>2</sub> . Trace v.fine diss. sulphide? Speck siderite.																	
	R1-1		(U) natural break (L) natural break. Clay on joint. Several breaks along joints.																	
	R2-1		(U) natural break (L) drillers break. (6.6m end R2-1)																	
	R2-2		(U) drillers break (L) geo's break.																	
	R3-1		(U) geo's break (L) natural break. Several joints with clay.																	
	Box 5	R1-1	(U) natural break-light clay (L) drillers break (8.4m end R1) Grey cream granite-greisen. D.D.M. Trace siderite. N.O. SnO <sub>2</sub> . Trace v.fine sulphide?																	
		R2-1	(U) drillers break (L) geo's break. Grey white granite-greisen. D.D.M. NO.OSnO <sub>2</sub> . Trace diss. sulphide? Obvious feldspars.																	
		R3-1	(U) geo's break (L) natural break. Clay on joint. Grey white granite-greisen. Weak alteration. Abundant feldspar. D.D.M. Trace siderite. N.O.SnO <sub>2</sub> .																	
		R3-2	(U) natural break (L) geo's break. Grey white granite- (greisen). Abundant feldspar. N.O.SnO <sub>2</sub> . D.D.M. Trace siderite.																	
	Box 6	R1-1	(U) geo's break (L) drillers break. Grey-cream granite-greisen. Massive, equigranular. D.D.M. Trace																	

932025

DIAMOND DRILL RECORD

HOLE NUMBER : BT 115

LOGGED BY : A.R.

NWPS

DEPTH (m)	RECOVERY		DESCRIPTION	FORM.	% Sn.												
	FROM	TO			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>2</sub>	
			siderite. Trace diss. dk sulphide? N.O.SnO <sub>2</sub> . (10.0m end R1-1)														
		R1-2	(U) drillers break (L) natural break. Light clay on joint.														
			Grey cream granite-greisen. D.D.M. Trace v. fine sulphide? Speck moly. Trace diss. SnO <sub>2</sub> .														
		R2-1	(U) natural break. (L) several joints with clay and purple fluorite.														
			Grey cream greisen-granite. D.D.M. Trace v. fine diss. SnO <sub>2</sub> .														
			Trace v. fine sulphide?														
		R2-2	(U) natural break (L) natural break joints with light clay.														
			Grey cream granite-greisen, D.D.M. N.O.SnO <sub>2</sub> .														
		R3-1	(U) natural break (L) drillers break.														
			Grey cream granite-greisen. Abundant feldspar. D.D.M. N.O.SnO <sub>2</sub> . (11.5m end box 6)														
		Box 7 R1-1	(U) drillers break (L) natural break. Light clay coating.														
			Massive equigranular greisen-granite with D.D.M. Rare fluorite veinlet at 45° CA. Trace v. fine diss. SnO <sub>2</sub> . Also perhaps a sulphide. Colour light grey-green-yellow.														
		R2-1	(U) natural break (L) geo's break.														
			Massive equigranular greisen-granite with D.D.M. Light grey green yellow. Perhaps trace v. fine cassiterite or dark sulphide.														
		R3-1	(U) geo's break (L) drillers break.														
			Grey green greisen-granite with D.D.M. Light grey-green-yellow. Perhaps trace v. fine SnO <sub>2</sub> . (13.0m end R3-1)														
		R3-2	(U) drillers break (L) geo's break.														
			Grey green greisen-granite with D.D.M. Perhaps trace v. fine SnO <sub>2</sub> . Sericitisation.														
		Box 8 R1-1	(U) geo's break (L) natural break. Light clay coating.														
			Massive equigranular greisen-granite to granite-greisen. Variable colours from yellow grey-green to darker grey-green. Sericite throughout. N.O.SnO <sub>2</sub> .														
		R2-1	(U) natural break (L) drillers break														
			Light yellow-grey-green granite-greisen. Pronounced sericitisation. Massive, equigranular. Trace v. fine dark sulphide? (14.5m end R2-1)														
		R2-2	(U) drillers break (L) geo's break														
			Light grey to darker grey-green sericitised greisen-granite to dark grey green greisen -(granite) with abundant diss. dark phlogopite. Variable into more intense greisen. N.O. SnO <sub>2</sub> . Trace v. fine sulphide?														
		R3-1	(U) geo's break (L) drillers break														
			Variable dark grey greisen -(granite) with D.D.M., variable to sericitised greisen-granite. Abundant orange siderite. Moderate amount of disseminated coarse SnO <sub>2</sub> in last 20cms. Elsewhere trace														

932026

DIAMOND DRILL RECORD

HOLE NUMBER : BT115

3

LOGGED BY : A.R.

DEPTH (m)	RECOVERY	DESCRIPTION	FORM	% Sn.														
				FROM	TO	TOTAL	ACID SOL	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>			
		v. fine sulphide or SnO <sub>2</sub> ?																
Box 9	R1-1	(U) drillers break (L) drillers break Core cut by clayey veinlets in an irregular manner. Grey green sericitised greisen-granite with D.D.M. N.O. SnO <sub>2</sub> . Speck moly. (16.0m end R1)																
	R2-1	(U) drillers break (L) geo's break Grey yellow green granite-greisen to grey green greisen-granite with D.D.M. Massive, equigranular. N.O. SnO <sub>2</sub> .																
	R3-1	(U) geo's break (L) natural break. Light clay coating on joint. Grey green greisen-granite with abundant orange siderite. Sericitised. N.O. SnO <sub>2</sub> . Trace dark sulphide?																
Box 10	R1-1	(U) natural break (L) drillers break Sericitised grey green greisen-granite with D.D.M. Massive, equigranular. N.O. SnO <sub>2</sub> . Trace v. fine pyrite. (17.6m end R1-1)																
	R1-2	(U) drillers break (L) natural break. Joint with light clay coating. Core cut by clay veinlets. Yellow-grey-green granite-greisen. D.D.M. Siderite present. N.O. SnO <sub>2</sub> . Trace v. fine dk. sulphide.																
	R2-2	(U) natural break (L) drillers break Grey green sericitised greisen-granite with D.D.M. Massive, equigranular cut by clayey veinlets. N.O. SnO <sub>2</sub> .																
	R3-1	(U) drillers break (L) natural break? Light clay. Grey green greisen-granite with D.D.M. Sericitised. N.O. SnO <sub>2</sub> . Siderite present. Trace dark fine sulphide. (19.0m end R3)																
Box 11	R1-1	(U) natural break (L) natural break. Light clay coating. Grey green greisen-granite to granular greisen with D.D.M. Massive equigranular. Common disseminated SnO <sub>2</sub> .																
	R1-2	(U) natural break (L) geo's break Grey green greisen-(granite) to granular greisen. D.D.M. N.O. SnO <sub>2</sub> . Minor diss. dark mineral, sulphide?																
	R2-1	(U) geo's break (L) natural break. Very light clay. Grey green greisen to granular greisen. D.D.M. (phlogopite). Trace diss. dark mineral, perhaps v. fine SnO <sub>2</sub> .																
	R3-1	(U) natural break (L) drillers break. Grey green greisen-granite with D.D.M. (phlogopite). Trace siderite. Trace diss. dark sulphide. N.O. SnO <sub>2</sub> . (20.6m end R3)																
Box 12	R1-1	(U) drillers break (L) geo's break Grey green greisen-granite with D.D.M. (phlogopite). Trace diss. very fine sulphide. Disseminated SnO <sub>2</sub> present in last 10 cms.																

932027

DIAMOND DRILL RECORD

HOLE NUMBER : BT115

LOGGED BY : A.R.

4

NA73

Interval (m)	REMARKS	DESCRIPTION	FORM.	% Sn.																
				FROM	TO	TOTAL	ACIDSOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g t Ag	% WO <sub>3</sub>					
	R2-1	(U) geo's break (L) natural break. Heavy clay coating on joint. Grey green greisen-granite with clayey veinlets. D.D.M. common (phlogopite). Trace diss. SnO <sub>2</sub> .																		
	R2-2	(U) natural break (L) natural break. Both clay coated joints. Grey green greisen-granite with clayey veinlets. D.D.M. (phlogopite). Trace very fine dark sulphide. N.O. SnO <sub>2</sub> .																		
	R2-3	(U) natural break (L) natural. Clay coated joints. Grey green greisen-granite with D.D.M. (phlogopite). Trace very fine dark sulphide. N.O. SnO <sub>2</sub> . (21.8m end R2)																		
	R3-1	(U) natural break (L) natural break. Clay coated joints. Grey green granite-greisen. D.D.M. (phlogopite). Trace SnO <sub>2</sub> . Trace very fine dark sulphide.																		
	R3-2	(U) clay coated joint (L) drillers break. Grey green greisen granite. Trace fine SnO <sub>2</sub> . Trace very fine dark sulphide. D.D.M. (phlogopite).																		
	R3-3	(U) drillers break (L) geo's break Grey green greisen-granite to granite-greisen. Sericitised. Trace very fine SnO <sub>2</sub> . Trace v. fine dark sulphide. D.D.M. (phlogopite). Trace moly.																		
Box 13	R1-1	(U) geo's break (L) drillers break Grey green greisen granite to granite-greisen. D.D.M. (phlogopite). Very rare trace SnO <sub>2</sub> . Trace v. fine dark sulphide. Speck moly.																		
	R2-1	(U) drillers break (L) drillers break Grey green yellow greisen granite to granite-greisen. D.D.M. (phlogopite). Speck moly, trace v. fine dark sulphide. Trace SnO <sub>2</sub> . (23.5m end R2)																		
	R3-1	(U) drillers break (L) drillers break Grey green yellow greisen-granite to granite greisen. D.D.M. (phlogopite) N.O. SnO <sub>2</sub> . Trace dk. sulphides. Trace siderite.																		
Box 14	R1-1	(U) drillers break (L) natural break Clay veinlets throughout. Grey green yellow greisen-granite to granite greisen. Sericitised. Trace, speck moly. Trace siderite N.O. SnO <sub>2</sub> D.D.M. (phlogopite).																		
	R2-1	(U) natural break (L) natural break? Yellow-grey-green granite greisen to greisen granite. D.D.M. (phlogopite). Feldspar common. N.O. SnO <sub>2</sub> .																		
	R2-2	(U) drillers break (L) drillers break As in last run. Clayey veinlets. Siderite present. D.D.M. (phlogopite). Grey-green granite-greisen to greisen-granite. END OF HOLE. (25m end)																		

932028





DIAMOND DRILL RECORD

HOLE NUMBER : BT 116

LOGGED BY : AR

NW75

Interval	Depth (m)	Description	FORM	% Sn.													
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>		
		moly. N.O. SnO <sub>2</sub> . Sericitised.															
	R3-2	(U) geo's break (L) natural break. Joint with clay. Grey green sericitised greisen-granite N.O. SnO <sub>2</sub> D.D.M.															
Box 4	R1-1	(U) natural break. Clay on joint. (L) natural break. Grey cream granite-greisen common feldspar. N.O. SnO <sub>2</sub>															
	-2	(U) natural break. Clay on joint. (L) natural break. Grey cream granite-greisen common feldspar. N.O. SnO <sub>2</sub>															
	-3	(U) natural break. Clay on joint. (L) natural break. Grey cream granite-greisen common feldspar. N.O. SnO <sub>2</sub> 6.6m															
	R2-1	(U) drillers break (L) natural break. Light clay coating. Grey cream granite-greisen with DDM. Few clayey veinlets. N.O.SnO <sub>2</sub> .															
	R3-1	(U) clay on joint (L) natural break clay on joint. Grey cream granite-greisen with DDM. N.O. SnO <sub>2</sub> . One or two dark grains may be SnO <sub>2</sub> .															
Box 5	R1-1,3	(U) natural break (L) natural break. Joints with clay )															
	R2-1	(U) natural break (L) natural break. Clay on joint. ) 8.2m *															
	R3-1	(U) natural break (L) geo's break ) *Grey-cream granite-greisen with abundant feldspar. DDM. N.O.SnO <sub>2</sub> . Trace siderite.															
Box 6	R1-1	(U) geo's break (L) natural break. Joint with light clay coating. Grey-yellow granite-greisen with DDM. Abundant feldspar N.O. SnO <sub>2</sub> .															
	R1-2	(U) natural break (L) drillers break Partially greisen-granite and granite-greisen. Grey yellow to grey green depending on the amount of alteration. Trace coarse diss. SnO <sub>2</sub> D.D.M. (9.8m)															
	R2-1	(U) drillers break (L) geo's break Grey-cream granite-greisen. Plenty feldspar. DDM. N.O. SnO <sub>2</sub> .															
	R3-1	(U) geo's break (L) drillers break Grey-cream granite-greisen. Partially sericitised, trace siderite. DDM. N.O. SnO <sub>2</sub> . Monotonous, equigranular. (11.3m)															
Box 7	R1-1	(U) drillers break (L) natural break. Clay on joint. Grey yellow granite greisen with DDM. Abundant feldspar, N.O.SnO <sub>2</sub> .															
	R1-2	(U) natural break (L) natural break. Clay on joint. Grey cream granite-greisen. Monotonous, equigranular, DDM. N.O.SnO <sub>2</sub> .															
	R2-1	(U) natural break (L) natural break. Clay on joint. Variable grey-cream granite-greisen, grading to dark grey-green greisen-granite. Plenty feldspar in first 40cms. N.O. SnO <sub>2</sub> . Abundant sericitisation.															

932031

### DIAMOND DRILL RECORD

HOLE NUMBER : BT 116

3

LOGGED BY : A.R.

KVPS

BOX	RUN	DEPTH (m)	REMARKS	DESCRIPTION	FORM	% Sn.													
						FROM	TO	TOTAL	ACIDSOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>		
			R3-1	(U) natural break (L) natural break. Clay on joint. Grey green sericitised greisen-granite. Minor feldspar. DIM. N.O. SnO <sub>2</sub> .															
			R3-2	(U) natural break (L) natural break. Clay on joint. Grey green grading to grey-cream greisen-granite. N.O. SnO <sub>2</sub> . Low angle joint.															
Box 8			R1-1	(U) natural break (L) natural break. Weak clay coating on joint. Grey yellow granite-greisen with DIM. Abundant feldspar. N.O. SnO <sub>2</sub> .															
			R2-1	(U) natural break (L) drillers break. Grey-cream granite-greisen grading to grey green greisen-granite. Very common DIM. Siderite, sericite present. Speck moly.															
			R3-1	(U) drillers break (L) drillers break. Grey green greisen granite to granite-greisen. DIM. Plenty feldspar. Siderite, sericite present. Competent core. N.O. SnO <sub>2</sub> . (14.3m)															
Box 9			R1-1	(U) drillers break (L) joint with light clay coating. Dark grey green intense greisen to greisen granite. Abundant dark coarse diss. SnO <sub>2</sub> , not in veins but in concentrated zones of no particular orientation or structure. Siderite present. One minor clayey veinlet. First 50% is greisen granite then next 50% is mica greisen.															
			R2-1	(U) natural break (L) joint, without clay. Dark grey green greisen to greisen granite. Abundant very dark coarse diss. SnO <sub>2</sub> . Intense dark carbonated mica. Abundant DIM.															
			R2-2	(U) natural break (L) drillers break. Dark grey green greisen, for 25%, with abundant mica and siderite, grading to grey-green greisen granite. Sericitised. N.O. SnO <sub>2</sub> . Siderite present in greisen.															
			R3-1	(U) drillers break (L) drillers break Grey green greisen-granite. Coarse dark green micas. N.O. SnO <sub>2</sub> . 16.0m															
			R3-2	(U) drillers break (L) natural break. Joint with clay. Grey green greisen-granite. DIM. Sericitised. N.O. SnO <sub>2</sub> .															
			R3-3	(U) natural break (L) joint with clay. As with previous run. N.O. SnO <sub>2</sub> .															
Box 10			R1-1	(U) natural break (L) drillers break Grey green greisen-granite. Abundant feldspar. DIM. N.O. SnO <sub>2</sub> .															
			R2-1	(U) drillers break (L) drillers break Grey green greisen-granite. DIM. Sericitised. N.O. SnO <sub>2</sub> .															
			R2-2	(U) drillers break (L) drillers break Grey green greisen-granite. DIM. N.O. SnO <sub>2</sub> .															
			R3-1	(U) drillers break (L) drillers break Grey-green greisen-granite. DIM. N.O. SnO <sub>2</sub> . (17.5m)															

932032

DIAMOND DRILL RECORD

HOLE NUMBER : BT 116

4

LOGGED BY : A.R.

NWPS

Interval (m)	Recovery	DESCRIPTION	FORM.	% Sn.														
				FROM	TO	TOTAL	ACIDSOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>			
	R3-2	(U) drillers break (L) geo's break Grey-green greisen-granite. DDM. N.O. SnO <sub>2</sub> . Perhaps one or two specks SnO <sub>2</sub> .																
Box 11	R1-1	(U) geo's break (L) natural break. Light clay coating. Grey-cream granite-greisen. DDM. Abundant, feldspar. N.O.SnO <sub>2</sub> .																
	R2-1	(U) natural break (L) drillers break Grey cream granite-greisen with plenty feldspar. DDM. N.O. SnO <sub>2</sub> . (19.0m)																
	R3-1	(U) drillers break (L) natural break. Joint with very light clay. Grey-cream granite-greisen with DDM. Plenty of feldspar. Trace diss. SnO <sub>2</sub> .																
Box 12	R1-1	(U) natural break (L) geo's break Grey-cream granite-greisen. DDM. Plenty feldspar. N.O. SnO <sub>2</sub> .																
	R2-1	(U) geo's break (L) drillers break Grey-cream granite-greisen. Trace diss. SnO <sub>2</sub> . Plenty feldspar. DDM. (20.5m)																
	R3-1	(U) drillers break (L) natural break. Joint with light clay. Grey cream granite-greisen. N.O. SnO <sub>2</sub> . Plenty feldspar. D.D.M.																
	R3-2	(U) natural break (L) natural break. Joint with light clay. Grey cream granite-greisen. Plenty feldspar. DDM. N.O. SnO <sub>2</sub> .																
Box 13	R1-1	(U) natural break (L) natural break. Joint with moderate clay. Grey cream granite-greisen. Plenty feldspar. DDM. N.O.SnO <sub>2</sub> . Grading in part to greisen-granite.																
	R2-1	(U) natural break (L) natural break. Joint with clay. Grey-green-cream granite-greisen. Plenty feldspar. DDM. N.O.SnO <sub>2</sub> .																
	R2-2	(U) natural break (L) fragments with clay joints. Grey cream granite-greisen to greisen-granite. DDM. N.O. SnO <sub>2</sub> . Plenty feldspar. (22.0m)																
	R3-1	(U) natural break (L) natural break. Heavy clay on joints. Veinlets of clay. Grey-green granite greisen to greisen granite. Several fragments. N.O. SnO <sub>2</sub> .																
Box 14	R1-1	(U) natural break (L) drillers break Grey cream granite-greisen. DDM. N.O. SnO <sub>2</sub> .																
	R2-1	(U) drillers break (L) drillers break Grey cream granite-greisen. DDM. N.O. SnO <sub>2</sub> (23.5m)																
	R3-1	(U) drillers break (L) natural break. Joint with clay coating. Grey-green greisen-granite. N.O. SnO <sub>2</sub> . D.D.M.																
	R3-2	(U) natural break (L) drillers break Grey-cream to grey-green greisen-granite. N.O. SnO <sub>2</sub> DDM.																

932033

DIAMOND DRILL RECORD

HOLE NUMBER : BT 116

LOGGED BY : A.R.

5

DEPTH (m)	REMARKS	DESCRIPTION	FORM.	% Sn.													
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>		
Box 15	R1-1	(U) drillers break (L) drillers break Grey-cream granite-greisen. DIM. Plenty of feldspar. N.O. SnO <sub>2</sub> .															
	R1-2	(U) drillers break (L) drillers break Grey-cream granite-greisen. DIM. Plenty of feldspar. N.O. SnO <sub>2</sub> .															
	R1-3	(U) drillers break (L) drillers break Grading to greisen-granite (grey-green). Siderite present. DIM. Speck moly. N.O. SnO <sub>2</sub> . Upper contact 50° CA of greisenised layer.															
	R2-1	(U) drillers break (L) drillers break Grey green greisen-granite. Trace diss. SnO <sub>2</sub> . Lower contact of greisen zone at 50° CA, but irregular. Siderite present. Speck moly. (25.0m)															
		END OF HOLE															

932034





2

DIAMOND DRILL RECORD

HOLE NUMBER : BT 117

LOGGED BY : A.R.

NWPS

Interval (m)	Depth	Interval	DESCRIPTION	FORM.	% Sn.													
					FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g't Ag	% WO <sub>3</sub>		
		R3-2	(U) drillers break (L) natural break Joint. Grey-cream granite-greisen D.D.M. N.O. SnO <sub>2</sub> .															
Box 6		R1-1	(U) natural break (L) geo's break Grey-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .															
		R2-1	(U) geo's break (L) natural break Joint Grey-cream granite-greisen D.D.M. N.O. SnO <sub>2</sub> .															
		R2-2	(U) natural break (L) natural break Joint. Grey-cream granite-greisen D.D.M. N.O. SnO <sub>2</sub> (10.0m)															
		R3-1	(U) natural break (L) geo's break Grey-cream granite-greisen D.D.M. N.O. SnO <sub>2</sub>															
Box 7		R1-1	(U) geo's break (L) drillers break Grey-green-cream granite-greisen. Sericite N.O. SnO <sub>2</sub> D.D.M.															
		R2-1	(U) drillers break (L) drillers break Green-cream-grey granite-greisen Sericite. N.O. SnO <sub>2</sub> D.D.M. (11.5m)															
		R3-1	(U) drillers break (L) natural break. Numerous fragments with clay. Grey-cream-green sericitised granite-greisen. N.O. SnO <sub>2</sub> .															
Box 8		R1-1	(U) natural break (L) drillers break Grey-cream-green monotonous granite-greisen. N.O. SnO <sub>2</sub> . D.D.M. Siderite present.															
		R2-1	(U) drillers break (L) drillers break Grey-cream granite-greisen. Perhaps trace SnO <sub>2</sub> , fine to medium grained and disseminated. (13.0m)															
		R3-1	(U) drillers break (L) natural break Joint Grey cream granite-greisen grading to grey-green greisen-granite with siderite. D.D.M. N.O. SnO <sub>2</sub> .															
			NEXT SECTION LOGGED BY T. BLAKE															
Box 9		R1-1	(U) natural break. Light clay. (L) natural break. Joint, light to no clay. Grey green greisen-granite. Siderite present. N.O.SnO <sub>2</sub> . D.D.M.															
		R1-2	(U) natural break (L) drillers break Grey green greisen-granite. Siderite present. N.O.SnO <sub>2</sub> . D.D.M.(14.5m)															
		R2-1	(U) drillers break (L) natural break. Joint with light clay. Grey green greisen-granite grading to sericitised grey-green-cream granite-greisen. Siderite present. D.D.M. N.O. SnO <sub>2</sub> .															
		R3-1	(U) natural break (L) natural break. Joint with little to no clay. Grey-cream-green granite-greisen with siderite. D.D.M. N.O.SnO <sub>2</sub> .															
Box 10		R1-1	(U) natural break (L) natural. Joint, little to no clay. Grey-green-cream granite-greisen grading to grey-cream granite-greisen. Siderite present. N.O. SnO <sub>2</sub> . D.D.M.															
		R1-2	(U) natural break (L) drillers break Green-grey-cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M. (16.0m)															

932037







# DIAMOND DRILL RECORD

HOLE NUMBER : BT 118

LOGGED BY : A.R.

NWPS

Sample No.	Recovery	DESCRIPTION	FORM	% Sn.														
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>			
Box 1		Broken fragments of grey-cream granite-greisen. Trace SnO <sub>2</sub> in the last fragment of the box.																
Box 2		Up to 3.0m, broken grey-cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M. 3.0m.																
	R1-2	(U) natural break. Joint. (L) drillers break Grey cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.																
	R2-1	(U) drillers break (L) natural break. Joint Grey cream granite-greisen. N.O. SnO <sub>2</sub> .																
	R2-2	(U) natural break (L) natural break. Joint. Grey cream granite-greisen. N.O. SnO <sub>2</sub> .																
	R2-3	(U) natural break (L) natural break. Joint. Grey cream granite-greisen. N.O. SnO <sub>2</sub> .																
	R3-1	(U) natural break (L) natural break. Joint Grey cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.																
	R3-2,3	(U) natural break (L) natural break. Joint. Grey cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.																
Box 3	R1-1	(U) natural break (L) natural break. Light clay on joint. Grey cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.																
	R1-2	(U) natural break (L) geo's break Grey cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.																
	R2-1	(U) geo's break (L) natural break. Joint. Grey cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.																
	R3-1	(U) natural break (L) natural break. Joint. Grey cream granite-greisen. N.O. SnO <sub>2</sub> .																
	R3-2	(U) natural break (L) natural break. Joint. (6.4m) Grey-cream granite-greisen. N.O. SnO <sub>2</sub> .																
	R3-3	(U) natural break (L) natural break. Joint. Grey-cream granite-greisen. N.O. SnO <sub>2</sub> .																
Box 4	R1-1	(U) natural break (L) geo's break. Grey-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-1	(U) geo's break (L) natural break. Clay on joint. Grey-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-2	Other fragments are similar, but heavily clay veined.																
	R3-1,2	(U) natural break (L) natural break. Clay on joint. Grey-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (8.0m)																
Box 5	R1-1	(U) natural break (L) natural break. Joint with clay. Grey-cream granite-greisen with N.O. SnO <sub>2</sub> . D.D.M.																
	R1-2	And other fragments. Clay jointed, grey cream granite-greisen. N.O. SnO <sub>2</sub> .																
	R2-1	(U) natural break (L) natural break. Joint with clay. Grey-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																

932041



### DIAMOND DRILL RECORD

HOLE NUMBER : BT 118

3

LOGGED BY : A.R.

KWPS

MEASUREMENT NO.	REMARKS	DEPTH (m)	DESCRIPTION	FORM.	% Sn.												
					FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>	
		R3-1	(U) drillers break (L) geo's break Grey cream granite-greisen. DIM. N.O. SnO <sub>2</sub> . Weak sericitisation.														
Box 9		R1-1	(U) drillers/geo's break (L) drillers break Grey cream weak sericitised granite-greisen. N.O. SnO <sub>2</sub> . DIM. Speck moly. (16.0m)														
		R1-2	(U) drillers break (L) natural break. Joint with light clay. Grey cream granite-greisen. Sericitised. N.O. SnO <sub>2</sub> . D.D.M.														
		R2-1	(U) natural break (L) drillers break Grey cream granite-greisen. DIM. N.O. SnO <sub>2</sub> . Weak sericitisation.														
		R2-2	(U) drillers break (L) drillers break Grey cream granite-greisen. Weak sericitisation. N.O. SnO <sub>2</sub> . DIM.														
		R3-1	(U) drillers break (L) drillers break. Grey cream granite-greisen. Weak sericitisation. N.O. SnO <sub>2</sub> . D.D.M. Trace siderite.														
		R3-2	(U) drillers break (L) drillers break Grey cream granite-greisen. Weak sericitisation. Trace siderite. N.O. SnO <sub>2</sub> . D.D.M. (17.5m)														
Box 10		R1-1	(U) drillers break (L) natural break/joint. Greyish greisen-granite to granite greisen. Abundant very fine diss. SnO <sub>2</sub> . DIM.														
		R2-1	(U) natural break (L) drillers break Grey pale cream greisen-granite. Abundant very fine diss. SnO <sub>2</sub> . DIM.														
		R2-2	(U) drillers break (L) drillers break Grey green greisen granite. Trace very fine diss. SnO <sub>2</sub> . D.D.M.														
		R3-1	(U) drillers break (L) drillers break Grey cream granite-greisen. Trace very fine diss. SnO <sub>2</sub> . DIM (19.0m)														
		R3-2	(U) drillers break (L) geo's break Grey cream granite-greisen. Trace very fine diss. SnO <sub>2</sub> . D.D.M.														
Box 11		R1-1	(U) geo's break (L) natural break/joint with clay. Grey cream greisen-granite to granite-greisen. Abundant very fine diss. SnO <sub>2</sub> . D.D.M.														
		R2-1	(U) natural break (L) natural break/light clay Grey cream granite-greisen to greisen granite. Trace very fine diss. SnO <sub>2</sub> . D.D.M. (20.5m)														
		R2-2	(U) natural break (L) natural break/no clay Grey cream greisen-granite. Trace, perhaps fine diss. SnO <sub>2</sub> .														
		R3-1	(U) natural break (L) natural break/light clay. Grey cream greisen-granite. Trace very fine diss. SnO <sub>2</sub> . D.D.M. Variable to grey-green greisen-granite with trace coarse to medium grained SnO <sub>2</sub> .														

932043





DIAMOND DRILL RECORD

HOLE NUMBER : BT 119

LOGGED BY : T.B.

Box	ID	DESCRIPTION	FORM	% Sn.														
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>			
Box 1	R1-1	(U) start (L) drillers break/broken core to 6m. Grey-white-green granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-1	(U) drillers break (L) drillers break Grey-cream white granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-2	(U) drillers break (L) drillers break. Grey-cream-white granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-3	(U) drillers break (L) natural break. Joint with little clay. Grey-white-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (2.3m)																
	R3-1	(U) natural break (L) natural break. Joint with little clay. Green-grey-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
Box 2	R1-1	(U) natural break (L) natural break. Joint with light clay. Weathered grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R1-2	(U) natural break (L) natural break. Joint with light clay. Grey-green-cream weathered and broken granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-1	(U) natural break (L) natural break. Joint with little clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-2	(U) natural break (L) natural break. Joint with no clay. Grey-green-cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R3-1	(U) natural break (L) natural break. Joint with little clay. Grey-white-cream granite-greisen. Broken. N.O. SnO <sub>2</sub> . D.D.M.																
	R3-2	(U) natural break (L) drillers break/joint, little clay. Grey-green-cream granite-greisen grading to grey green greisen granite. D.D.M. N.O. SnO <sub>2</sub> .																
	R3-3	(U) drillers break/joint (L) natural break. Joint with light clay. Green-grey greisen grading to grey-green cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .																
Box 3	R1-1	(U) natural break (L) natural break. Joint with light clay. Green-grey-cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R1-2	(U) natural break (L) drillers break Grey-green cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> . (5.5m)																
	R1-3	(U) drillers (L) broken core. Grey green cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-1	(U) broken core (L) broken core/drillers break Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-2	(U) drillers break (L) natural break/joint with light clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R3-1	(U) natural break (L) drillers break. Grey-green-cream granite-greisen. D.D.M. Trace of fine to medium disseminated SnO <sub>2</sub> .																
	Box 4	R1-1	(U) drillers break (L) natural break/joint with light clay. Grey-green-cream granite-greisen. D.D.M. Trace very fine diss. SnO <sub>2</sub> . (7 Om)															

932046

# DIAMOND DRILL RECORD

HOLE NUMBER : BT119

2

LOGGED BY : TB

NWFS

CORRECTION	NO	RECOVERY	DESCRIPTION	FORM.	% Sn.												
					FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>	
		R1-2	(U) natural break (L) natural break/joint with light clay. Grey-green-cream granite-greisen. D.D.M. Light trace of fine to medium disseminated SnO <sub>2</sub> .														
		R2-1	(U) natural break (L) natural break/joint with light clay. Grey-green-cream granite-greisen with veinlets (clay?). DDM N.O. SnO <sub>2</sub> .														
		R2-2	(U) drillers break (L) natural break/joint with light clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
		R3-1	(U) natural break (L) drillers break Grey-green-cream granite-greisen. D.D.M. Trace of fine to medium disseminated SnO <sub>2</sub> .														
	Box 4	R1-1	(U) drillers break (L) natural break/joint with light clay. Grey-green-cream granite-greisen. D.D.M. Trace very fine disseminated SnO <sub>2</sub> . (7.0m)														
		R1-2	(U) natural break (L) natural break/joint with light clay. Grey-green-cream granite-greisen. D.D.M. Light trace of fine to medium disseminated SnO <sub>2</sub> .														
		R2-1	(U) natural break (L) natural break/joint with light clay. Grey-green-cream granite-greisen with veinlets (clay?). DDM. N.O. SnO <sub>2</sub> .														
		R2-2	(U) natural break (L) drillers break. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
		R3-1	(U) drillers break (L) natural break/joint with little clay. Grey-green-cream granite-greisen. D.D.M. Light trace of diss. fine SnO <sub>2</sub> .														
		R3-2	(U) natural break (L) drillers break. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (8.5m)														
	Box 5	R1-1	(U) drillers break (L) drillers break. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
		R1-2	(U) drillers break (L) drillers break Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
		R1-3	(U) drillers break (L) drillers break. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (Rows 2 and 3 lost in transcribing). (10m) R3-2														
	Box 6	R1-1	(U) natural break/joint with light clay (L) natural break/joint with light clay. Grey-green-cream granite-greisen. DDM. N.O. SnO <sub>2</sub> .														
		R1-2	(U) natural break (L) natural break/joint with little clay. Grey-green-cream granite-greisen with veinlets. DDM N.O. SnO <sub>2</sub> .														
		R1-3	(U) natural break (L) natural break/joint with little clay. Grey-green-cream granite-greisen, with veinlets. DDM. N.O. SnO <sub>2</sub> .														
		R2-1	(U) natural break (L) natural break/joint with little clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														

932047

DIAMOND DRILL RECORD

HOLE NUMBER : BT 119

3

LOGGED BY : TB/AR

DEPTH	ELEVATION	CORRECTION	DESCRIPTION	FORM.	% Sn.													
					FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>2</sub>		
			R2-2 (U) natural break (L) natural break/joint with light clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .															
			R2-3 (U) natural break (L) natural break/joint with light clay. Grey-green-cream granite-greisen. D.D.M. Trace very fine SnO <sub>2</sub> (11.5m)															
			R3-1 (U) Natural break (L) natural break/joint with light clay. Grey-green-cream granite-greisen. D.D.M. Abundant very fine diss. SnO <sub>2</sub> .															
			R3-2 (U) natural break (L) drillers break Grey-green-cream granite-greisen. Abundant fine to very fine diss. SnO <sub>2</sub> . D.D.M.															
	Box 7		R1-1 (U) drillers break (L) drillers break. Grey-green-cream granite-greisen. Abundant fine to very fine diss. SnO <sub>2</sub> . D.D.M.															
			R2-1 (U) drillers break (L) drillers break Grey-green-cream granite-greisen. D.D.M. Abundant fine to very fine disseminated SnO <sub>2</sub> . (13.0m)															
			R2-2 (U) drillers break (L) natural break. Joint with little clay. Grey-green-cream granite-greisen. Very light trace diss. SnO <sub>2</sub> . DDM.															
			R3-1 (U) natural break (L) natural break/joint with little clay. Grey-green-cream granite-greisen with clay veinlets. Trace diss. SnO <sub>2</sub> . D.D.M.															
			R3-2 (U) natural break (L) natural break/joint with little clay. Grey-green-cream granite-greisen. D.D.M. Trace of fine to very fine disseminated SnO <sub>2</sub> .															
	Box 8		R1-1 (U) natural break (L) drillers break. Grey-green-cream granite-greisen. Trace disseminated fine SnO <sub>2</sub> . DDM.															
			R2-1 (U) drillers break (L) natural break/joint with little clay. Grey-green-cream granite-greisen. Light trace of fine diss. SnO <sub>2</sub> . D.D.M. (14.5m)															
			R2-2 (U) natural break (L) natural break/joint with light clay. Grey-green-cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.															
			R3-1 (U) natural break (L) drillers break Grey-green-cream granite-greisen. Trace diss. fine SnO <sub>2</sub> . D.D.M.															
	Box 9		R1-1 (U) drillers break (L) drillers break Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (16.0m)															
			R2-1 (U) drillers break (L) natural break/joint without clay. Grey-green-cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.															
			R2-2 (U) natural break (L) drillers break Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .															

932045



DIAMOND DRILL RECORD

HOLE NUMBER : BT 119

5

LOGGED BY : A.R.

NWPS

REMARKS	RECOVERIES	DESCRIPTION	FORM.	% Sn.																
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>					
	R3-1	(U) natural break (L) natural break Grey-green cream. Slightly more sericitised granite-greisen. N.O. SnO <sub>2</sub> .																		
	R3-2	(U) natural break (L) natural break Grey-green cream. Slightly more sericitised granite-greisen. N.O. SnO <sub>2</sub> .																		
Box 14		Summarised log: All natural breaks except the last which is a drillers break. (23.5m) R1, R2 are grey to cream greisen-granite to granite-greisen with clay veinlets. N.O. SnO <sub>2</sub> in all places. R3 tending to grey siliceous greisen-granite. Coarse dark micas. N.O. SnO <sub>2</sub> . (25.0m)  END OF HOLE																		

932050



DIAMOND DRILL RECORD

HOLE NUMBER : BT 120

LOGGED BY : A.R.

NWPS

RECOVERY	DESCRIPTION	FORM.	% Sn.																	
			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>						
Box 1	R1-1																			
	R1-2																			
	R2-2																			
	R2-1																			
	R3-1																			
Box 2	R1-1																			
	R1-2																			
	R2-1																			
	R2-2																			
	R3-1																			
Box 3	R1-1																			
	R2-1																			
Box 4	R1																			
	R2-1																			
	R3-1																			
	R3-2																			
Box 5	R1-1																			

932052



## DIAMOND DRILL RECORD

HOLE NUMBER : BT 120

LOGGED BY : A. ROSS

DEPTH (m)	RECOVERY	DESCRIPTION	FORM.	% Sn.														
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>			
	R3-1	(U) N.B. (L) D.B. Grey-yellow greisen-granite. Trace diss. SnO <sub>2</sub> . D.D.M.																
Box 9	R1-1	(U) D.B. (L) N.B. Clay joint. Grey-yellow-green greisen-granite. Sericitised. D.D.M. N.O. SnO <sub>2</sub> . Trace disseminated sulphide.																
	R1-2	(U) N.B. (L) N.B. Grey-yellow-green greisen-granite. Sericitised. N.O. SnO <sub>2</sub> . Perhaps trace sulphide.																
	R2-1	(U) N.B. (L) N.B./joint. Grey-cream sericitised greisen-granite. Dark mineral present - perhaps disseminated very fine SnO <sub>2</sub> . D.D.M. (14.5m)																
	R3-1	(U) N.B. (L) N.B. Several joints. Cream-grey granite-greisen. Sericitised. D.D.M. N.O. SnO <sub>2</sub> . Trace dark sulphide?																
Box 10	R1-1	(U) N.B. (L) N.B. Several joints. Cream grey greisen-granite. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-1	(U) N.B. (L) D.B. Grey cream sericitised granite-greisen. N.O. SnO <sub>2</sub> . D.D.M. Perhaps trace sulphide.																
	R2-2	(U) D.B. (L) D.B. Grey-cream sericitised granite-greisen. N.O. SnO <sub>2</sub> . D.D.M. (16.0m)																
	R3-1	(U) D.B. (L) G.B. Grey-cream sericitised granite-greisen. N.O. SnO <sub>2</sub> . D.D.M. Trace dark sulphide.																
Box 11	R1-1	(U) G.B. (L) N.B. Joint. Light cream-grey weak sericitised granite-greisen. Weak D.D.M. N.O. SnO <sub>2</sub> , perhaps trace?																
	R2-1	(U) N.B. (L) D.B. Grey-cream granite-greisen. Weak sericitisation. Perhaps trace SnO <sub>2</sub> . (17.5m)																
	R3-1	(U) D.B. (L) D.B. Cream-grey granite-greisen. Weak sericitisation. Perhaps trace SnO <sub>2</sub> .																
Box 12	R1-1	(U) D.B. (L) D.B. Cream-grey weak sericitised granite-greisen. Perhaps trace SnO <sub>2</sub> in last 10 cms. D.D.M.																
	R1-2	(U) D.B. (L) D.B. Cream-grey granite-greisen. Weak sericitisation. Perhaps trace SnO <sub>2</sub> D.D.M. (19.0m)																
	R2-1	(U) D.B. (L) D.B.																

932054

DIAMOND DRILL RECORD

HOLE NUMBER : BT 120

LOGGED BY : A.R./T.B.

KWPS

SECTION	NO	CORRECTION	DESCRIPTION	FORM	% Sn.													
					FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>		
			Cream-grey granite-greisen. Weak sericitisation. N.O. SnO <sub>2</sub> , perhaps trace very fine SnO <sub>2</sub> . D.D.M.															
	R3-1		(U) D.B. (L) N.B. Clay joint															
			Slight clay veinlets. Grey-cream, weak sericitised granite-greisen.															
			Trace very fine disseminated SnO <sub>2</sub> . D.D.M.															
	R3-2		(U) N.B. (L) D.B.															
			Grey cream weak sericitised granite-greisen. Trace very fine disseminated SnO <sub>2</sub> . D.D.M.															
			LOGGING BY T. BLAKE FOLLOWS:															
Box 13	R1-1		(U) D.B. (L) D.B.															
			Grey-green-cream greisen-granite. D.D.M. Light trace of fine disseminated SnO <sub>2</sub> . (20.5m)															
	R2-1		(U) D.B. (L) N.B. Joint with light clay.															
			Grey-green-cream greisen-granite. D.D.M. Very fine to medium disseminated SnO <sub>2</sub> .															
	R2-2		(U) N.B. (L) D.B.															
			Grey-green-cream greisen-granite. D.D.M. Very light trace of moly. Fine disseminated SnO <sub>2</sub> (trace).															
	R3-1		(U) D.B. (L) N.B. Joint without clay.															
			Grey-green-cream greisen-granite. D.D.M. Trace of siderite. Fine to medium disseminated SnO <sub>2</sub> .															
	R3-2		(U) N.B. (L) D.B.															
			Grey-green-cream greisen-granite. D.D.M. Trace of very fine to fine SnO <sub>2</sub> . Little siderite.															
Box 14	R1-1		(U) D.B. (D.B.)															
			Grey-green-cream greisen-granite. D.D.M. Light trace of fine disseminated SnO <sub>2</sub> . (22.0m)															
	R1-2		(U) D.B. (L) N.B. Joint with light clay.															
			Grey-green-cream greisen granite. D.D.M. Trace of very fine diss. SnO <sub>2</sub> .															
	R2-1		(U) N.B. (L) N.B. Joint with light clay.															
			Grey-green-cream greisen-granite grading to grey-green-cream granite-greisen. D.D.M. Very light trace fine disseminated SnO <sub>2</sub> .															
	R3-1		(U) N.B. (L) D.B.															
			Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .															
Box 15	R1-1		(U) D.B. (L) D.B.															
			Grey-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (23.5m)															
	R1-2		(U) D.B. (L) Joint with light clay.															
			Grey-cream granite-greisen grading to grey-green greisen-granite. D.D.M. N.O. SnO <sub>2</sub> .															

932055

DIAMOND DRILL RECORD

HOLE NUMBER : BT 120

LOGGED BY : A.R./T.B.

MWPS

Interval (m)	Recovery		DESCRIPTION	FORM	% Sn.												
	wt	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>	
	R2-1		(U) N.B. (L) N.B. Joint without clay. Grey-green greisen-granite grading to grey-cream-green granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
	R2-2		(U) N.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
	R3-1		(U) D.B. (L) D.B. Grey-green-cream granite greisen grading to grey-green greisen-granite. D.D.M. Specks of moly. Trace of diss. siderite. DDM. SnO <sub>2</sub> .														
Box 16	R1-1		(U) D.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
	R1-2		(U) D.B. (L) D.B. Grey-green-cream granite greisen grading to grey-green greisen-granite. D.D.M. N.O. SnO <sub>2</sub> . (25.0m)														
			END OF HOLE														

932056



DIAMOND DRILL RECORD

HOLE NUMBER : BT 121

LOGGED BY : T.B.

AWPS

CORRECTION	DEPTH	ELEVATION	DESCRIPTION	FORM.	% Sn.													
					FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>		
	Box 1	R1-1	Start of hole/broken core. Grey-white-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .															
		R2-1	Broken core. Grey-green-cream granite-greisen. DIM. NO SnO <sub>2</sub> .															
		R2-2	Broken core. Grey-green-cream granite-greisen. DIM. N.O. SnO <sub>2</sub> .															
		R2-3	(U) N.B. Joint (L) N.B. Joint without clay.															
			Grey-white-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .															
		R2-4	Broken core. Grey-green-cream granite-greisen. DIM. N.O. SnO <sub>2</sub> .															
		R3-1	(U) D.B. (L) D.B.															
			Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .															
		R3-2	(U) D.B. (L) D.B.															
			Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (2.5m)															
	Box 2	R1-1	(U) D.B. (L) N.B. Joint with heavy clay. Grey-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .															
		R2-1	(U) N.B. (L) N.B. Joint with heavy clay. Grey-green-cream greisen-granite. Trace of siderite DIM. N.O. SnO <sub>2</sub> .															
		R2-2	(U) N.B. (L) N.B. Joint with heavy clay. Grey-green greisen-granite grading to grey-green-cream greisen-granite. Trace of siderite. D.D.M. N.O. SnO <sub>2</sub> . Broken core.															
		R2-3	(U) Broken core. Grey-green-cream greisen granite. DIM. N.O. SnO <sub>2</sub> . (4.0m)															
	Box 3	R1-1	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream greisen-granite. D.D.M. N.O. SnO <sub>2</sub> .															
		R1-2	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream greisen-granite. D.D.M. Clay veinlets. N.O. SnO <sub>2</sub> .															
		R2-1	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream greisen-granite. D.D.M. N.O. SnO <sub>2</sub> .															
		R2-2	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .															
		R3-1	(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .															
		R3-2	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (5.5m)															
	Box 4	R1-1	(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .															
		R1-2	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .															
		R1-3	(U) N.B. (L) N.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .															
		R1-4	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .															

932058

DIAMOND DRILL RECORD

HOLE NUMBER : BT 121

2

LOGGED BY : T.B.

KWPS

INSTRUMENT	CORRECTION	DEPTH	DESCRIPTION	FORM	% Sn.												
					FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>	
		R2-1	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
		R3-1	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (7.0m)														
Box 5		R1-1	(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
		R2-1	(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
		R2-2	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
		R3-1	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. D.D.M. Trace of medium to coarse SnO <sub>2</sub> .														
		R3-2	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
Box 6		R1-1	(U) D.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
		R2-1	(U) D.B. (L) N.B. Joint with medium clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
		R3-1	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. Clay veinlets. NCSnO <sub>2</sub> (10.0m)														
Box 7		R1-1	(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen grading to grey-green greisen granite. D.D.M. N.O. SnO <sub>2</sub> .														
		R1-2	(U) N.B. (L) D.B. Grey-green greisen-granite. D.D.M. N.O. SnO <sub>2</sub> .														
		R2-1	(U) D.B. (L) N.B. Joint without clay. Grey-green greisen granite. Siderite present. Clay veinlets. D.D.M. SnO <sub>2</sub> .														
		R2-2	(U) N.B. (L) D.B. Grey-green greisen-granite. Siderite present. D.D.M. N.O. SnO <sub>2</sub> .														
		R3-1	(U) D.B. (L) D.B. Grey-green greisen-granite. Siderite present. D.D.M. NCSnO <sub>2</sub> . (11.5m)														
		R3-2	(U) D.B. (L) N.B. Joint without clay. Grey-green greisen granite. Siderite present. D.D.M. N.O. SnO <sub>2</sub> .														
Box 8		R1-1	(U) N.B. (L) N.B. Joint with light clay. Grey-green greisen-granite. D.D.M. Siderite, clay veinlets present. Speck of moly. N.O. SnO <sub>2</sub> .														

932059

DIAMOND DRILL RECORD

HOLE NUMBER : BT 121

LOGGED BY : T.B.

NWPS

RECOVERY	DESCRIPTION	FORM	% Sn.														
			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>			
R2-1	(U) N.B. (L) N.B. Joint with light clay. Grey-green greisen granite. Siderite, clay veinlets present. D.D.M. N.O. SnO <sub>2</sub> .																
R2-2	(U) N.B. (L) D.B. Grey-green greisen-granite. Siderite, clay veinlets present. D.D.M. N.O. SnO <sub>2</sub> . (13.0m)																
R2-3?	(U) D.B. (L) N.B. Joint with light clay. Grey-green greisen-granite grading to grey-green-cream granite-greisen. D.D.M. Clay veinlets present. N.O. SnO <sub>2</sub> .																
R3-1	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
Box 9 R1-1	(U) N.B. (L) N.B. Joint with light clay. Grey-green greisen-granite. D.D.M. N.O. SnO <sub>2</sub> .																
R2-1	(U) N.B. (L) N.B. Joint without clay. Grey-green-cream greisen-granite. D.D.M. N.O. SnO <sub>2</sub> .																
R2-2	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (14.5m)																
R3-1	(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream greisen granite. D.D.M. N.O. SnO <sub>2</sub> .																
R3-2	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream greisen granite. D.D.M. N.O. SnO <sub>2</sub> .																
Box 10 R1-1	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream greisen granite. D.D.M. Trace of fine diss. SnO <sub>2</sub> .																
R2-1	(U) N.B. (L) D.B. Grey-green-cream greisen granite. D.D.M. Trace of very fine to fine disseminated SnO <sub>2</sub> . (16.0m)																
R3-1	(U) D.B. (L) N.B. Joint without clay. Grey-cream-green greisen-granite, grading to grey cream-green granite-greisen. Abundant fine to medium disseminated SnO <sub>2</sub> .																
Box 11 R1-1	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. Trace of fine to medium disseminated SnO <sub>2</sub> .																
R2-1	(U) D.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. Abundant fine to medium disseminated SnO <sub>2</sub> . (17.5m)																
R3-1	(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. D.D.M. Trace of fine to medium SnO <sub>2</sub> .																

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# DIAMOND DRILL RECORD

HOLE NUMBER : BT 121

4

LOGGED BY : T.B.

NWPS

Interval (m)	RECOVERY	DESCRIPTION	FORM.	% Sn.															
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>				
Box 12	R1-1	(U) N.B. (L) D.B. Grey-green-cream granite-greisen grading to grey-green-cream greisen granite. Abundant disseminated very fine to fine SnO <sub>2</sub> .																	
	R2-1	(U) D.B. (L) D.B. Grey-green-cream greisen-granite. D.D.M. Abundant disseminated very fine to fine SnO <sub>2</sub> .																	
	R2-2	(U) D.B. (L) D.B. Grey-green-cream greisen-granite grading to grey-green greisen-granite. D.D.M. Abundant fine to medium SnO <sub>2</sub> . (19.0m)																	
	R3-1	(U) D.B. (L) N.B. Joint without clay. Grey-green-cream greisen-granite. D.D.M. N.O. SnO <sub>2</sub> .																	
	R3-2	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream greisen-granite. Trace of fine diss. SnO <sub>2</sub> .																	
	Box 13	R1-1	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. Trace of disseminated very fine to fine SnO <sub>2</sub> .																
R2-1		(U) D.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (20.5m)																	
R2-2		(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. D.D.M. Trace of fine to medium SnO <sub>2</sub> .																	
R2-3		(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. D.D.M. Trace of fine diss. SnO <sub>2</sub> .																	
R2-4		(U) N.B. (L) N.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																	
R3-1		(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .																	
R3-2		(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .																	
R3-3		(U) N.B. (L) N.B. Joint with light clay. Grey-cream-green granite greisen. D.D.M. N.O. SnO <sub>2</sub> .																	
Box 14		R1-1	Broken core. Grey-green-cream granite greisen grading to grey-green cream greisen granite. D.D.M. N.O. SnO <sub>2</sub> . (22.0m)																
		R1-2	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream greisen granite. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-1	(U) N.B. (L) N.B. Joint without clay. Grey-green-cream greisen granite. D.D.M. N.O. SnO <sub>2</sub> .																	
	R2-2	(U) N.B. (L) N.B. Joint without clay. Grey-green-cream greisen granite. D.D.M. N.O. SnO <sub>2</sub> .																	
	R3-1	(I) N.B. (L) D.B. Grey-green-cream greisen granite. D.D.M. with veinlets. N.O. SnO <sub>2</sub> .																	

932061

# DIAMOND DRILL RECORD

HOLE NUMBER : BT 121

5

LOGGED BY : T.B.

NWPS

BOX	NO	REMARKS	DESCRIPTION	FORM	% Sn.												
					FROM	TO	TOTAL	ACID SOL	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>	
Box 15	R1-1	(U) D.B. (L) D.B.	Grey-green-cream greisen granite. D.D.M. N.O. SnO <sub>2</sub> . (23.5m)														
	R1-2	(U) D.B. (L) N.B. Joint without clay.	Grey-green-cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .														
	R2-1	(U) N.B. (L) N.B. Joint with light clay.	Grey-green-cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .														
	R3-1	(U) N.B. (L) N.B. Joint without clay.	Grey-green-cream granite greisen grading to grey-green granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .														
Box 16	R1-1	(U) N.B. (L) N.B. Joint with little clay.	Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (25.0m)														
		END OF HOLE															

932062



DIAMOND DRILL RECORD

HOLE NUMBER : BT 122

LOGGED BY : T.B.

NWPS

Box	R	DESCRIPTION	FORM.	% Sn.														
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>			
Box 1	R1-1	Broken core. White-cream-grey granite-greisen. DDM. N.O. SnO <sub>2</sub> .																
	R2-1	(U) D.B. (L) D.B.																
	R2-2	Grey-white-cream-green granite-greisen. DDM. N.O. SnO <sub>2</sub> .																
		(U) D.B. (L) D.B.																
	R2-3	Grey-white-cream-green granite-greisen. DDM. N.O. SnO <sub>2</sub> .																
		(U) D.B. (L) D.B.																
	R3-1	Grey-white-cream-green granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
		(U) D.B. (L) D.B.																
Box 2	R3-2	White-grey-green granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
		(U) D.B. (L) D.B.																
		White-grey-green granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (2.2m)																
	R1-1	(U) D.B. (L) N.B. Heavy clay on joint.																
		White-grey-green granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R1-2	(U) N.B. (L) N.B. Joint with heavy clay.																
Box 3		White-grey-green granite-greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-1	(U) N.B. (L) N.B. Joint without clay.																
		Grey-green-cream greisen-granite. D.D.M. N.O. SnO <sub>2</sub> .																
	R3-1	(U) N.B. (L) N.B. Joint with heavy clay.																
		Grey-white-green greisen-granite. D.D.M. N.O. SnO <sub>2</sub> . (3.0m)																
Box 4	R1-1	(U) N.B. (L) N.B. Joint with light clay.																
		Grey-green-cream greisen-granite. D.D.M. N.O. SnO <sub>2</sub> .																
	R2-1	(U) N.B. (L) D.B.																
		Grey-green-cream greisen-granite. D.D.M. Light trace of diss. medium grained SnO <sub>2</sub> .																
	R3-1	(U) D.B. (L) D.B.																
Box 5		Grey-green-cream greisen-granite. D.D.M. Light trace of fine SnO <sub>2</sub> .																
	R3-2	(U) D.B. (L) D.B.																
		Grey-green-cream greisen-granite. Light trace of very fine to fine SnO <sub>2</sub> . D.D.M. (5.5m)																
	R1-1	(U) D.B. (L) N.B. Joint with light clay.																
		Grey-green-cream greisen-granite. Light trace of fine diss. SnO <sub>2</sub> . DDM.																
Box 4	R2-1	(U) N.B. (L) N.B. Joint with light clay.																
		Grey-green-cream greisen-granite. Trace of fine diss. SnO <sub>2</sub> . D.D.M.																
	R3-1	(U) N.B. (L) N.B. Joint with light clay.																
Box 5		Grey-green-cream greisen-granite. D.D.M. N.O. SnO <sub>2</sub> . (7.0m)																
	R1-1	(U) N.B. (L) N.B. Joint with light clay.																
		Grey-green-cream greisen-granite. D.D.M. N.O. SnO <sub>2</sub> .																
Box 5	R1-2	(U) N.B. (L) D.B.																
		Grey-green-cream greisen-granite. DDM. N.O. SnO <sub>2</sub> .																

932064



DIAMOND DRILL RECORD

HOLE NUMBER : BT 122

LOGGED BY : T.B.

3

KWPS

Box	No.	Description	FORM.	% Sn.															
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>				
Box 9	R1-1	(U) D.B. (L) N.B. Joint without clay. Grey-green-cream greisen-granite. D.D.M. Abundant fine diss. SnO <sub>2</sub> .																	
	R1-2	(U) N.B. (L) D.B. Grey-green-cream greisen-granite. D.D.M. Abundant very fine to fine disseminated SnO <sub>2</sub> .																	
	R1-3	(U) D.B. (L) D.B. Grey-green-cream greisen-granite. D.D.M. Heavy clay veins and veinlets. Abundant fine to medium diss. SnO <sub>2</sub> .																	
	R2-1	(U) D.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (14.5m)																	
	R2-2	(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream greisen-granite. D.D.M. Abundant very fine to fine disseminated SnO <sub>2</sub> .																	
	R2-3	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. Trace, fine diss. SnO <sub>2</sub> . D.D.M.																	
	R2-4	(U) D.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. Trace of very fine SnO <sub>2</sub> .																	
	R3-1	(U) D.B. (L) N.B. Joint without clay. Grey-green-cream granite greisen. Light trace of very fine SnO <sub>2</sub> . D.D.M.																	
	R3-2	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. Abundant very fine to fine disseminated SnO <sub>2</sub> .																	
	Box 10	R1-1	(U) D.B. (L) N.B. Joint without clay. Grey-green-cream granite-greisen. D.D.M. Light trace very fine SnO <sub>2</sub> .																
		R1-2	(U) N.B. (L) N.B. Joint without clay. Grey-green-cream granite-greisen. D.D.M. Light trace very fine SnO <sub>2</sub> .																
		R1-3	(U) N.B. (L) N.B. Joint without clay. Grey-green-cream granite-greisen. Trace very fine SnO <sub>2</sub> .																
R1-4		(U) N.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. Light trace very fine SnO <sub>2</sub> . (16.0m)																	
R2-1		(U) D.B. (L) D.B. Grey-green-cream granite-greisen. Abundant very fine diss. SnO <sub>2</sub> . D.D.M.																	
R3-1		(U) D.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. Trace of very fine diss. SnO <sub>2</sub> . (17.5m)																	
Box 11		R1-1	(U) D.B. (L) N.B. Joint without clay. Grey-green-cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .																
	R1-2	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. Trace of very fine to fine diss. SnO <sub>2</sub> . D.D.M.																	

932066

# DIAMOND DRILL RECORD

HOLE NUMBER : BT 122

4

LOGGED BY : T.B.

NWPE

INTERVAL (m)		REMARKS	DESCRIPTION	FORM.	% Sn.									
FROM	TO				FROM	TO	TOTAL	ACID SOL	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.
	R1-3	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. Light trace of very fine disseminated SnO <sub>2</sub> . D.D.M.												
	R2-1	(U) N.B. (L) N.B. Joint without clay. Grey-green-cream granite-greisen. Trace of very fine to fine disseminated SnO <sub>2</sub> . D.D.M.												
	R2-2	(U) N.B. (L) N.B. Joint without clay. Grey-green-cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.												
	R2-3	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.												
	R3-1	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. Trace of very fine to fine disseminated SnO <sub>2</sub> . D.D.M. (19.0m)												
Box 12	R1-1	(U) D.B. (L) D.B. Grey-green-cream granite-greisen. Trace of very fine diss. SnO <sub>2</sub> . D.D.M.												
	R2-1	(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen grading to grey green greisen granite. Trace of very fine SnO <sub>2</sub> near lower end.												
	R2-2	(U) N.B. (L) N.B. Joint without clay. Grey-green greisen granite. Sericitised. N.O. SnO <sub>2</sub> . D.D.M.												
	R3-1	(U) N.B. (L) D.B. Green-grey-greisen-granite grading to grey-green granite greisen. D.D.M. Light trace very fine SnO <sub>2</sub> in the non-sericitised zone. (20.5m).												
	R3-2	(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream granite greisen. N.O. SnO <sub>2</sub> . D.D.M.												
Box 13	R1-1	(U) N.B. (L) Broken core. Grey-green-cream granite-greisen grading to grey-green sericitised greisen-granite, then to grey-green cream granite greisen. Very fine trace of diss. SnO <sub>2</sub> . D.D.M.												
	R2-1	(U) N.B. (L) D.B. Grey-green-cream granite-greisen. Light trace of very fine disseminated SnO <sub>2</sub> . D.D.M.												
	R2-2	(U) D.B. (L) D.B. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (22m)												
	R3-1	(U) D.B. (L) N.B. Joint with light clay. Grey-green-cream granite greisen. D.D.M. N.O. SnO <sub>2</sub> .												
Box 14	R1-1	(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.												
	R2-1	(U) N.B. (L) Broken core. Grey-green-cream granite-greisen. D.D.M. N.O. SnO <sub>2</sub> . (23.5m)												

932067

# DIAMOND DRILL RECORD

HOLE NUMBER : BT 122

5

LOGGED BY : T.B.

NWPS

DEPTH (m)	REMARKS	DESCRIPTION	FORM.	% Sn.																
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>					
B3-1		(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M.																		
Box 15 R1-1		(U) N.B. (L) N.B. Joint with light clay. Grey-green-cream granite-greisen. N.O. SnO <sub>2</sub> . D.D.M. Traces of siderite.																		
R2-1		(U) N.B. (L) D.B. Grey-green-cream granite greisen. Traces of siderite. Speck of moly. N.O. SnO <sub>2</sub> . D.D.M. (25m)																		
		END OF HOLE.																		

932068

APPENDIX 3

BULK SAMPLE NO.3 CORE LOGS BT 123-126, 133-136



## 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
		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 <sub>2</sub> .												
Box 11		R1-1	Grey-cream greisen-granite (10%) grading to darker grey green medium grained greisen. N.O. SnO <sub>2</sub> .												
		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 <sub>2</sub> .												
		R2-1,2	Grey-green siliceous granular greisen. Minor diss. SnO <sub>2</sub> . Trace moly. (41.5m)												
		R3-1	Grey-green siliceous granular greisen. Abundant diss. SnO <sub>2</sub> .												
Box 13		R1-1	Grey-green siliceous granular greisen. Common diss. SnO <sub>2</sub> .												
		R2-1	Grey-green granular greisen. Common clusters, diss. cu-sulphide. Minor SnO <sub>2</sub> . 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 <sub>2</sub> . 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 <sub>2</sub> . Minor siderite.												
		R2-1	Grey-green siliceous granular greisen. Trace chalcopyrite. Perhaps trace SnO <sub>2</sub> . (44.5m)												
		R3-1	Grey-green siliceous granular greisen. Speck moly. Trace siderite. Perhaps trace SnO <sub>2</sub> .												
Box 15		R1-1	Grey-green siliceous granular greisen with carbonatisation of dark green micas. Trace diss. chalcopyrite. Perhaps trace SnO <sub>2</sub> .												
		R2-1	Grey-green siliceous granular greisen. Alteration of micas by siderite. Perhaps trace SnO <sub>2</sub> . (46.0m)												
		R2-2	Grey-green siliceous granular greisen. Perhaps trace SnO <sub>2</sub> . Common siderite alteration of micas.												
		R3-1	Pale grey-green siliceous granular greisen. Abundant diss. SnO <sub>2</sub> .												

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 <sub>2</sub> , especially at base where there is abundant coarse diss. SnO <sub>2</sub> .												
	R2-1			Dark grey-green siliceous granular greisen. Common siderite. Abundant diss. SnO <sub>2</sub> . 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 <sub>2</sub> .												
Box 17	R1-1			Pale grey-green siliceous granular greisen with diss. minor sulphides. Perhaps trace SnO <sub>2</sub> . 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 <sub>2</sub> . Sericite alteration of dark green phlogopite.												
Box 18	R1-1			Pale grey green siliceous granular greisen. N.O. SnO <sub>2</sub> . 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 <sub>2</sub> .												
	R3-1,2			Pale grey-green granular greisen with altered dark micas. N.O. SnO <sub>2</sub> . 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 <sub>2</sub> . Trace sulphide. (52.0m)												
	R2-1			Grey-green greisen-granite. Sparse siderite. N.O. SnO <sub>2</sub> .												
	R3-1			Grey-green sericite greisen-granite. Sparse siderite. Trace moly., sulphide. N.O. SnO <sub>2</sub> .												
Box 20	R1,R2,R3			Grey-green-cream sericite greisen-granite with sparse siderite. N.O. SnO <sub>2</sub> . 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 <sub>2</sub> . (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 <sub>2</sub> (58.0m) at end of R2.												
Box 23	R1-1			Grey-green-cream greisen-granite. Trace of fine to medium diss. SnO <sub>2</sub> . (59.5m)												
	R2-1			As before. N.O. SnO <sub>2</sub> .												
	R3-1			Grey-cream greisen-granite. Trace of diss. fine SnO <sub>2</sub> .												
Box 24	R1-1			Grey-cream greisen-granite. N.O. SnO <sub>2</sub> .												
	R2,R3			Grey-cream greisen-granite. Trace very fine SnO <sub>2</sub> . (62.5m) at end of R2.												
Box 25	R1,R2,R3			Grey-cream greisen-granite. Very light trace fine SnO <sub>2</sub> . (64m)												
Box 26	R1,R2			Grey-cream greisen-granite. N.O. SnO <sub>2</sub> . (65m)												
				END OF HOLE												

932074



## DIAMOND DRILL RECORD

HOLE NUMBER : BT 124

LOGGED BY : AFR

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.											
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>
SUMMARISED LOG																	
0	23	0	0	Non-coring in weathered Poimena Adamellite.													
23	24.4	1.4	100	Broken, slightly weathered P.A.													
24.4	36.7	12.3	100	Fresh to slightly weathered, pink-grey P.A. with minor zones microgranite.													
36.7	37.4	0.7	100	Mixture of quartz, quartz-mica segregations in grey cream alkali greisen-granite and minor greisen.													
37.4	40.0	2.6	100	Mainly grey-green medium grained siliceous greisen, minor greisen-granite, quartz-mica segregations. Sulphides present, minor cassiterite.													
40.0	52.0	12.0	100	Mainly grey-green medium grained siliceous granular greisen (quartz-mica-topaz rock). Variable sericite, carbonate alteration. Erratically distributed, often coarse, disseminated cassiterite. Minor sulphides, including molybdenite.													
52.0	65.0	13.0	100	Mainly alkali greisen-granite, with minor granular-greisen. Sericite alteration. Minor to trace, fine to medium grained cassiterite. Minor sulphides.													
DETAILED LOG																	
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 boxes and the reader is referred to the photographs, especially for engineering considerations.																	
Box 9	R1			Pink grey crumbly Poimena Adamellite.													
	R2-1,2			Layered cream greisen-granite (alkali) with xenolith of pink P.A. (37.0m)													
	R2-3			Mixed greisen, greisen-granite and quartz segregation. Crude quartz vein at 45° C.A. Trace coarse SnO <sub>2</sub> .													
	R3-1			Grey-cream greisen-granite. Crude segregations of quartz-mica. Sericitised. N.O. SnO <sub>2</sub> .													
Box 10	R1-1			Mixed grey-cream greisen-granite and minor grey greisen. Blotchy texture. N.O. SnO <sub>2</sub> (Alkali granite).													
	R2-1			Darker green-grey fine to medium grained siliceous greisen with 4cm wide quartz-mica segregations, 10cms from top. N.O. SnO <sub>2</sub> . Trace													

932076

DIAMOND DRILL RECORD

HOLE NUMBER : BT 124

2

LOGGED BY : AFR

KWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
				Chalcopyrite. (38.5m)												
		R3		Very broken core. First 15cms consists of dark grey fine siliceous greisen with quartz segregation with trace coarse SnO <sub>2</sub> . Then grey-cream greisen-granite. Clayey joints.												
Box 11		R1		Very broken core. Grey-green siliceous greisen. Perhaps trace SnO <sub>2</sub> .												
		R2		Very broken core. First half is grey-green siliceous granular greisen then grades to paler more clay rich, (weathered) greisen-granite/greisen. (40.0m)												
		R3		Very broken core. Grey cream siliceous granular greisen. Sericite clay veinlets common. Weak brecciation of core. Perhaps trace SnO <sub>2</sub> .												
Box 12		R1-1		Broken fragments of clay jointed, grey cream siliceous granular greisen, with common diss. SnO <sub>2</sub> . Sparse siderite. (41.5m)												
		R1-2		Grey-cream siliceous granular greisen with abundant coarse diss. SnO <sub>2</sub> . Common coarse siderite.												
		R2		Numerous broken fragments of grey-green siliceous granular greisen. Common diss. SnO <sub>2</sub> .												
		R3		Several broken fragments of grey-green siliceous granular greisen. Common diss. SnO <sub>2</sub> .												
Box 13		R1-1,2		Grey-cream siliceous granular greisen, variable to pale carbonatised variety. Abundant disseminated SnO <sub>2</sub> . Common siderite. (43.0m)												
		R2		Fragments of clay jointed carbonatised pale grey-green siliceous granular greisen. Abundant clustered SnO <sub>2</sub> associated with intense sericitised zone.												
		R3		Numerous fragments of broken, clay veined green-grey siliceous granular greisen. Minor disseminated SnO <sub>2</sub> .												
Box 14		R1		Variably coloured grey-green siliceous granular greisen with a zone of lime green sericite alteration. Common diss. SnO <sub>2</sub> . (44.5m)												
		R2		Fragments of broken grey-green siliceous granular greisen. Common diss. SnO <sub>2</sub> . Core cut by a low angle clay veinlet.												
		R3		As before. Fragments of broken grey-green siliceous granular greisen. Common carbonatisation of lower 20cms. Common diss. SnO <sub>2</sub> . Trace moly. Low angle sericite clay vein.												
Box 15		R1-1		Pale grey siliceous granular greisen. Carbonatisation. (46.0m)												
		R1-2		Pale grey siliceous granular greisen. Trace diss. SnO <sub>2</sub> . Carbonatised, and sericitised. Trace moly.												
		R2-1		Variably sericitised grey-green siliceous granular greisen. Minor diss. SnO <sub>2</sub> .												

932077

DIAMOND DRILL RECORD

HOLE NUMBER : BT 124

3

LOGGED BY : AFR

NWFS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACIDSOL	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
		R2-2,3		Grey-green siliceous granular greisen, Abundant diss. SnO <sub>2</sub> . Common siderite. Trace moly.												
		R3-1,2		Grey-green siliceous granular greisen with zone of lime green sericite alteration. Abundant siderite. Common SnO <sub>2</sub> . (47.5m)												
Box 16		R1-1,2		Grey-green to pale grey siliceous granular greisen. Abundant brown siderite alteration of coarse dark micas evident in lower 60% of core. Pronounced stress fabric at 50° CA. Common diss. SnO <sub>2</sub> .												
		R2		Variably altered, i.e. sericitised, carbonatised siliceous granular greisen. Grey-green, pale, lime green colours. Common diss. SnO <sub>2</sub> .												
		R3-1,2		Pale green siliceous granular greisen. Common siderite. Abundant medium to coarse diss. SnO <sub>2</sub> . (49.0m)												
Box 17		R1		Pale green-grey sericitised siliceous granular greisen with common siderite. Perhaps trace SnO <sub>2</sub> . Trace moly.												
		R2		Several fragments of pale to dark grey-green siliceous granular greisen. Numerous clayey veinlets. Zones of abundant coarse diss. SnO <sub>2</sub> .												
		R3		Numerous fragments of broken pale sericitised siliceous granular greisen. N.O. SnO <sub>2</sub> . Sericite clay veinlets. (50.5m)												
Box 18		R1		Pale grey green siliceous granular greisen with pronounced lime green sericite alteration. Common siderite. Trace moly. Perhaps trace SnO <sub>2</sub> .												
		R2		First (50%) is grey green siliceous granular greisen grading to sericite greisen-granite. Perhaps trace SnO <sub>2</sub> . (52.0m)												
		R3		Numerous fragments of broken sericite greisen-granite. N.O. SnO <sub>2</sub> . Sericite clay joints.												
Box 19		R1		Fragments of clay jointed grey-cream greisen-granite. Perhaps trace SnO <sub>2</sub> . Trace moly.												
		R2		Grey-cream greisen granite. Zones of abundant diss. SnO <sub>2</sub> . (53.5m)												
		R3		Grey-cream sericite greisen-granite. Trace perhaps diss. SnO <sub>2</sub> .												
Box 20		R1,R2,R3		Grey-cream greisen-granite. Trace moly. N.O. SnO <sub>2</sub> , but perhaps trace. Common orange brown siderite. (55.0m) at end of R1.												
Box 21		R1,R2,R3		Grey-cream greisen-granite with trace moly, trace SnO <sub>2</sub> except for R3 where several coarse grains are evident. Sparse orange brown siderite. Weak sericite clay joints. (56.5m) at end of R1.												
Box 22		R1,R2,R3		Grey-cream greisen-granite with perhaps trace fine diss. SnO <sub>2</sub> . Minor diss. SnO <sub>2</sub> in R2, R3. Sparse siderite. (58.0m) at end of R1-1. Speck moly.												

932078

DIAMOND DRILL RECORD

HOLE NUMBER : BT 124

4

LOGGED BY : AFR

NW75

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
Box 23	R1, R2, R3			Grey-cream greisen-granite. Trace to minor fine diss. SnO <sub>2</sub> . (61.0m) at end of R2.												
Box 24	R1, R2			Grey-cream greisen-granite with perhaps trace very fine diss. SnO <sub>2</sub> . Trace chalcopyrite. (62.5m)												
	R3			First 20cms consists of grey-cream greisen-granite with common diss. SnO <sub>2</sub> , then grades in grey-green siliceous granular greisen with common diss. chalcopyrite, bornite and disseminated SnO <sub>2</sub> . Common siderite.												
Box 25	R1			First 20 cms is grey green broken siliceous granular greisen which grades into grey-cream greisen granite. Common diss. SnO <sub>2</sub> . (64.0m)												
	R2, R3			Grey-cream greisen-granite with minor diss. SnO <sub>2</sub> . (65.0m)												
				END OF HOLE												

932079





DIAMOND DRILL RECORD

HOLE NUMBER : BT 125

LOGGED BY : AFR

2

NWPS

INTERVAL (m)	RECOVERY		DESCRIPTION	FORM.	% Sn.												
	FROM	TO			m	%	FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g't Ag
			R2-1														
			R3-1,2,3														
		Box 11	R1-1,2														
			R2-1,2														
			R3-1														
		Box 12	R1-1														
			R1-2														
			R2-1														
			R2-2														
			R3-1,2,3														
		Box 13	R1-1														
			R2-1														
			R3-1														
		Box 14	R1														
			R2														
			R3-1,2														

932082

DIAMOND DRILL RECORD

HOLE NUMBER : BT 125

LOGGED BY : AFR

3

INTERVAL (m)	RECOVERY	DESCRIPTION	FORM.	% Sn.														
				FROM	TO	TOTAL	ACIDSOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>			
Box 15	R1-1	Pale grey-green sericitised siliceous granular greisen. Common diss. SnO <sub>2</sub> . Trace moly.																
	R2-1	Grey-green siliceous granular greisen with carbonatised coarse micas. Common diss. SnO <sub>2</sub> . Minor siderite.																
	R3-1	Grey-green siliceous granular greisen. Common diss. SnO <sub>2</sub> . Trace moly. Zones of altered coarse micas. Trace sulphides.																
Box 16	R1-1	Pale grey green carbonatised siliceous granular greisen. Common coarse diss. SnO <sub>2</sub> . (47.5m)																
	R1-2	Darker grey-green siliceous granular greisen with coarse micas apparently less altered. Abundant coarse diss. SnO <sub>2</sub> . Trace moly. Stress fabric evident.																
	R2-1	Grey-green siliceous granular greisen with carbonatised dark micas. Common diss. SnO <sub>2</sub> . Minor siderite. Trace moly.																
	R3-1	As before. Very abundant disseminated moly. in first 10 cms. Variable amount of carbonatisation. (49.0m)																
Box 17	R1-1	Green siliceous granular greisen with pervasive chlorite instead of coarse dark micas. Trace diss. SnO <sub>2</sub> .																
	R2-1	As before. Siliceous granular greisen with chlorite. Abundant siderite. Trace diss. SnO <sub>2</sub> .																
	R3-1	As before. Trace SnO <sub>2</sub> (50.5m). Common siderite,																
	R3-2	Pale grey green siliceous granular greisen. Trace diss. SnO <sub>2</sub> .																
Box 18	R1-1	Siliceous granular greisen. Trace SnO <sub>2</sub> . Common siderite.																
	R2-1,2	Grey-green sericite greisen (almost granular) to greisen-granite. Trace diss. SnO <sub>2</sub> . (52.0m)																
	R2-3	Near granular greisen to greisen-granite. Trace moly, chalcopyrite. Trace SnO <sub>2</sub> .																
	R3-1	(20%) grey-cream sericite greisen-granite grading from greisen-granular greisen. Trace diss. SnO <sub>2</sub> . Greisen granite in last 20cms.																
Box 19	R1,R2,R3	Grey-cream sericite greisen-granite. Trace diss. SnO <sub>2</sub> . Trace moly. (53.5m) at end of R1.																
Box 20	R1,R2,R3	Grey-cream sericite greisen-granite. Trace diss. SnO <sub>2</sub> . Trace moly. Several broken fragments due to clayey joints. (55.0m) at end of R1.																
Box 21	R1,R2,R3	Grey-cream sericite greisen-granite. Trace perhaps diss. SnO <sub>2</sub> . Sparse orange brown siderite. (56.5m) at end of R1-1. Few clayey joints.																

932083





DIAMOND DRILL RECORD

HOLE NUMBER : BT 126

LOGGED BY : AFR

NWFS

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	21.5	0	0	Non-coring in weathered Poimens Adamellite.											
21.5	22.3	0.8	100	Broken, slightly weathered PA.											
22.3	27.8	5.5	100	Fresh, grey P.A. Minor microgranite.											
27.8	35.7	7.9	100	Pinkened P.A.											
35.7	37.5	1.8	100	Mainly pink fine grained feldspathic rock and minor pegmatite rock.											
37.5	39.0	1.5	100	Grey-green siliceous greisen and pegmatite, quartz mica segregations.											
39.0	40.7	1.7	100	Mixture of grey-cream greisen-granite and darker grey-green siliceous greisen, lesser granular greisen. No cassiterite.											
40.7	52.0	11.3	100	Grey-green siliceous granular greisen (quartz-topaz-mica rock). Variable sericite, carbonate alteration. Erratic, medium to coarse grained disseminated cassiterite. Minor sulphides.											
52.0	65.0	13.0	100	Mainly alkali greisen-granite. Fine disseminated cassiterite. Trace sulphides.											
<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 boxes and the reader is referred to the photographs, especially for engineering considerations.															
Box 10	R1	Fragments of mixed pink fine grained feldspar pegmatite rock with similarities to hematite pegmatite encountered elsewhere. Unusual textures.													
	R2	Similar pegmatite with unusual "cockade" textures, breccia fragments. (36.9m)													
	R3	Mixed pegmatite rock and green coarse siliceous greisen (derived from P.A.?). Trace sulphides in the greisen rock, the origin of which is not conclusive i.e. P.A. or A.G.?													

932086

DIAMOND DRILL RECORD

HOLE NUMBER : BT 126

2

LOGGED BY : AFR

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACIDSOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
Box 11	R1			Fine to medium grained siliceous granular greisen with quartz pegmatite rock at base. Also quartz vein near top. N.O. SnO <sub>2</sub> .												
	R2-1			Coarse quartz mica rock (pegmatite). (38.5m)												
	R2-2,3,4			Fragments of medium grained siliceous granular greisen. Trace sulphides. N.O. SnO <sub>2</sub> .												
	R3			Grey-green siliceous granular greisen grading to cream-grey feldspathised greisen-granite (90%). N.O. SnO <sub>2</sub> .												
Box 12	R1			Grey-cream greisen-granite with minor gradation to darker grey greisen-granite. Several broken fragments. N.O. SnO <sub>2</sub> .												
	R2			Grey-cream greisen-granite with feldspathised appearance (40.0m) NOSnO <sub>2</sub> .												
	R3			(45%) grey-cream greisen-granite grading to dark grey-green siliceous greisen then to siliceous granular greisen in last 5cms. Common disseminated chalcopyrite, bornite in greisen rocks. N.O. SnO <sub>2</sub> .												
Box 13	R1			Grey-green siliceous granular greisen. Perhaps trace SnO <sub>2</sub> . (41.5m)												
	R2			Grey-green siliceous granular greisen. Common diss. coarse SnO <sub>2</sub> . Rock becoming pale due to carbonatisation.												
	R3-1			Pale grey-green siliceous granular greisen. Coarse, patches siderite. Very abundant SnO <sub>2</sub> occurring as disseminated coarse grains, or in clusters with abundant coarse bornite, mica. (not as veins).												
	R3-2			As before. Very abundant, often nuggets of SnO <sub>2</sub> . Occurring in clusters.												
Box 14	R1			Pale grey-green siliceous granular greisen. Common disseminated SnO <sub>2</sub> . (43.0m)												
	R2			Grey green siliceous granular greisen. Coarse micas are often carbonatised. Common disseminated SnO <sub>2</sub> .												
	R3			Variable grey-green carbonatised siliceous granular greisen grading to greisen-granite (30%) then back to siliceous granular greisen. Common sulphides, fluorite, in lower part of core. Common diss. SnO <sub>2</sub> .												
Box 15	R1			Grey-green siliceous granular greisen with abundant disseminated SnO <sub>2</sub> . Fine veinlets of fluorite at 50-60° to C.A. (44.5m)												
	R2-1			Grey-green siliceous granular greisen. Abundant diss. SnO <sub>2</sub> .												
	R2-2			As before.												
	R3-1,2			Pale grey-green carbonatised siliceous granular greisen. Abundant disseminated SnO <sub>2</sub> . Common lime green sericite alteration.												
Box 16	R1-1,2			Grey-green siliceous granular greisen with minor disseminated SnO <sub>2</sub> . Common disseminated bornite. (46.0m)												
	R2-1			Grey-green siliceous granular greisen with abundant disseminated SnO <sub>2</sub> .												
	R3-1			As before. Abundant disseminated, often coarse SnO <sub>2</sub> .												

932087

## DIAMOND DRILL RECORD

HOLE NUMBER : BT 126 3

LOGGED BY : AFR

NWPS

INTERVAL (m)	RECOVERY	DESCRIPTION	FORM	% Sn.																
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>					
Box 17	R1	Pale grey-green siliceous granular greisen with crude clay veinlets. Common coarse disseminated SnO <sub>2</sub> . Areas of lime green sericite. Common siderite.																		
	R2	Fragments of broken, clay veined siliceous granular greisen. Common disseminated SnO <sub>2</sub> .																		
	R3	Fragments of grey-green siliceous granular greisen. Abundant disseminated SnO <sub>2</sub> . Common diss. sulphides including bornite, moly. Common siderite. No core block marker in this box.																		
Box 18	R1	Grey-green clay veined siliceous granular greisen. Sericite alteration of micas. Common diss. SnO <sub>2</sub> . Minor diss. moly, sulphides. (49.0m)																		
	R2-1,2	Grey-green siliceous granular greisen with common diss. SnO <sub>2</sub> . Minor diss. sulphides. Crude clay veinlets.																		
	R3-1,2	Grey-green siliceous granular greisen with common diss. SnO <sub>2</sub> . Trace to minor sulphides. Sericite alteration.																		
Box 19	R1	Dark grey-green siliceous granular greisen with common diss. SnO <sub>2</sub> . Trace chalcopyrite. Common dark fine grained mica, perhaps chlorite. (50.5m)																		
	R2	Grey-green sericitised, carbonatised siliceous granular greisen with common diss. SnO <sub>2</sub> . Minor trace sulphide. Weak clay veinlet. Common siderite.																		
	R3	As before. Grey-green siliceous granular greisen. Common diss. SnO <sub>2</sub> . Common siderite.																		
Box 20	R1	Very broken grey-green granular greisen with perhaps trace SnO <sub>2</sub> . Trace chalcopyrite. Extensively sericitised, clay veined. (52.0m)																		
	R2	Grey-green greisen-granite with sericite alteration. Trace diss. SnO <sub>2</sub> .																		
	R3	As before. Trace diss. SnO <sub>2</sub> . Grey-cream greisen-granite.																		
Box 21	R1	Grey-cream greisen-granite. Trace perhaps diss. fine SnO <sub>2</sub> . (53.5m)																		
	R2	Grey-cream greisen-granite. Trace fine diss. SnO <sub>2</sub> in lower 30cms.																		
	R3-1,2,3	Competent grey-cream greisen-granite with traces fine SnO <sub>2</sub> . Trace fine sulphide. (55.0m)																		
Box 22	R1	Grey-cream greisen-granite. Trace, perhaps of SnO <sub>2</sub> .																		
	R2	Grey-cream greisen-granite. Coarse disseminated SnO <sub>2</sub> in centre of core piece. Minor siderite. (56.5m)																		
	R3-1,2	Grey-cream, slightly darker, greisen-granite. Minor disseminated SnO <sub>2</sub> . Trace chalcopyrite.																		

932085

DIAMOND DRILL RECORD

HOLE NUMBER : BT 126

4

LOGGED BY : AFR

NWFS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
Box 23	R1,R2,R3			All fragments are the same. Grey-cream greisen-granite with trace to minor disseminated fine to medium grained cassiterite. Common orange brown siderite. Trace sulphide. (58.0m).												
Box 24	R1,R2,R3			Grey-cream greisen-granite with fine disseminated SnO <sub>2</sub> . Trace sulphide. Common siderite. (59.5m) Very competent core.												
Box 25	R1,R2,R3			Grey-cream greisen-granite with common diss. SnO <sub>2</sub> . Trace fine sulphide. (61.0m) Common orange brown siderite.												
Box 26	R1-1			Grey-cream greisen-granite with common diss. SnO <sub>2</sub> as before. (62.5m)												
	R1-2			Slightly darker grey, greisen-granite approaching granular greisen												
	R2			N.O. SnO <sub>2</sub> . Common orange brown siderite.												
	R3			Several fragments of grey greisen-granite/granular greisen with N.O. SnO <sub>2</sub> . Grading back to greisen-granite in last 5oms.												
	R3			Fragments of grey-cream greisen-granite. N.O. SnO <sub>2</sub> . Weak clay joint. (64.0m)												
Box 27	R1,R2			Fragments of grey-cream greisen-granite. Minor disseminated SnO <sub>2</sub> . (65.0m)												
				END OF HOLE												

932089



## DIAMOND DRILL RECORD

HOLE NUMBER : BT 133 |

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	23.0	0	0	Non-coring in weathered Poimena Adamellite.											
23.0	23.6	0.6	100	Broken, slightly weathered P.A.											
23.6	28.0	4.4	100	Fresh, grey P.A. Minor microgranite.											
28.0	31.3	3.3	100	Pinkened P.A.											
31.3	35.0	3.7	100	Mainly pink fine grained feldspathic rock and minor pegmatite, mica greisen.											
35.0	38.2	3.2	100	Mixture of pegmatite rocks, coarse greisen derived from P.A. (with minor sulphides) and medium grained siliceous greisen probably derived from alkali granite.											
38.2	38.5	0.3	100	Pegmatite, quartz-mica rock, minor granular greisen.											
38.5	40.5	2.0	100	Mainly grey-cream feldspathised greisen-granite and minor siliceous greisen.											
40.5	52.3	11.8	100	Grey-green siliceous granular greisen with variable sericite, carbonate alteration. Erratic zones of disseminated, medium to coarse cassiterite. Minor sulphides.											
52.3	65.0	12.7	100	Grey-green alkali granite-greisen. Sericite, carbonate alteration. Minor to common disseminated cassiterite, sulphides.											
<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 boxes and the reader is referred to the photographs, especially for engineering considerations.															

932091

# DIAMOND DRILL RECORD

HOLE NUMBER : BT 133

2

LOGGED BY : AFR

XVPS

INTERVAL (m)	RECOVERY		DESCRIPTION	FORM	% Sn.										
	FROM	TO			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
Box 7	R1		Mixed pink, white feldspar pegmatite with minor hematite, quartz. Trace SnO <sub>2</sub> . May have affinity with strange zone in BT42, 52. Crude layering at 45° C.A.												
	R2-1		Mixed fine grained pink feldspar pegmatite rock.												
	R2-2		Grades into very fine grained siliceous mica greisen with patches pink feldspar. (35.5m)												
	R2-3,4		As before. Mixed pegmatite rock.												
	R3-1		(50%) pink, grey feldspar pegmatite rock and (50%) green coarse grained greisen (i.e. derived from P.A.). Has affinity to spectacular rock encountered in hole BT 48?												
	R3-2		Green coarse greisen derived from P.A.												
Box 8	R1		Fragments of green coarse greisenised P.A. with traces sulphides, disseminated bornite, chalcopyrite. (37.0m)												
	R2-1		(45%) mixed pink P.A. grading into green coarse greisenised P.A.												
	R3-1,2		Grey siliceous granular greisen which grades from previous P.A., but does not have the same coarse texture. (Gives rise to thought that some siliceous granular greisen may be derived from P.A.? and not alkali granite?). Coarse quartz fragments in second piece of core. Trace sulphides. Common sericite.												
Box 9	R1		Grey siliceous granular greisen with zone of quartz, mica pegmatite, crudely and erratically layered. Trace sulphide mineralisation. (38.5m)												
Box 10	R1-1		Medium grained grey siliceous greisen grading to grey-cream greisen-granite (alkali granite), through a zone containing disseminated hematite? Perhaps trace SnO <sub>2</sub> .												
	R2-1		Grey-cream greisen-granite (95%) grading to feldspathised? greisen granite. Perhaps trace SnO <sub>2</sub> .												
	R3-1,2		Grey-cream greisen-granite. Feldspathised? texture. N.O. SnO <sub>2</sub> . (40.0m.) Sericitised.												
	R3-3		As before. Perhaps trace snO <sub>2</sub> .												
Box 11	R1-1		Grey-cream sericitised greisen-granite grading into siliceous dark grey-green granular greisen. Common coarse disseminated SnO <sub>2</sub> . Common dark green mica.												
	R2-1,2		Grey green siliceous granular greisen. Very abundant coarse diss. SnO <sub>2</sub> . Curious ovoid of massive sphalerite, approximately 3cms x 1cm, occurring discretely in core?? in first fragment. (41.5m)												
	R3-1		Grey green siliceous granular greisen with disseminated, abundant, coarse SnO <sub>2</sub> .												

932092



## DIAMOND DRILL RECORD

HOLE NUMBER : BT 133

LOGGED BY : AFR

4

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
				greisen, with minor disseminated sulphides. Perhaps trace SnO <sub>2</sub> . (52.0m)												
Box 18	R1-1			Pale grey green siliceous granular greisen. Trace perhaps of SnO <sub>2</sub> . Trace sulphides.												
	R1-2			Siliceous granular greisen (5%) grading into green-cream sericite greisen-granite. N.O. SnO <sub>2</sub> .												
	R2			Very broken core due to heavy clay joints. Green-cream greisen-granite N.O. SnO <sub>2</sub> .												
	R3-1,2			Green-cream greisen-granite. Clayey joints. N.O. SnO <sub>2</sub> . (53.5m)												
Box 19	R1			Green-cream greisen granite with extensive clayey joints. Minor disseminated SnO <sub>2</sub> .												
	R2			Green-cream greisen-granite with clayey joints. Minor disseminated SnO <sub>2</sub> .												
	R3			Green-cream greisen-granite. Clayey joints. N.O. SnO <sub>2</sub> . (55.0m)												
Box 20	R1, R2, R3			Extensively clay jointed sericite greisen-granite. Core very broken. Several pieces contain minor diss. fine SnO <sub>2</sub> . (56.5m)												
Box 21	R1, R2, R3			Extensively broken core due to pronounced clay jointing. Green-cream sericite greisen-granite. Several pieces contain common disseminated fine SnO <sub>2</sub> , minor pyrite, moly. (58.0m)												
Box 22	R1			More competent grey-cream greisen-granite. Common disseminated fine to medium grained SnO <sub>2</sub> . Trace moly. Minor clay joints.												
	R2			Several fragments of grey-cream greisen-granite. Common orange brown siderite. Common disseminated SnO <sub>2</sub> . Trace sulphides. Clay joints.												
	R3			Grey-cream greisen-granite with minor disseminated SnO <sub>2</sub> . Rare clay joints. (59.5m)												
Box 23	R1-1			Grey-cream greisen-granite. Common orange brown siderite. Common disseminated SnO <sub>2</sub> .												
	R1-2			Minor clay jointing of grey-cream greisen-granite. Common diss. SnO <sub>2</sub> .												
	R2-1			Grey-cream greisen-granite. Common disseminated SnO <sub>2</sub> .												
	R3-1			Clay jointed, grey-cream greisen-granite. Common diss. SnO <sub>2</sub> . (61.0m)												
	R3-2			Competent grey-cream greisen-granite. Common diss. SnO <sub>2</sub> .												
Box 24	R1			Grey-cream greisen-granite. Common disseminated SnO <sub>2</sub> .												
	R2-1,2			As before. Common disseminated SnO <sub>2</sub> . (62.5m)												
	R3			Grey-cream greisen-granite. Common disseminated SnO <sub>2</sub> .												
Box 25	R1-1			Grey-cream greisen-granite. Common diss. SnO <sub>2</sub> . Orange brown siderite.												

932094

DIAMOND DRILL RECORD

HOLE NUMBER : BT 133

5

LOGGED BY : AFR

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
		R2-1		As before. Common diss. fine SnO <sub>2</sub> . (64.0m)												
		R2-2		As before. Grey-cream greisen-granite. Common diss. fine SnO <sub>2</sub> .												
		R3-1,2		Grey-cream greisen-granite. Common diss. fine SnO <sub>2</sub> . (65.0m)												
				END OF HOLE												

932095



# DIAMOND DRILL RECORD

HOLE NUMBER : BT 134

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	23.0	0	0	Non-coring in weathered Poimena Adamellite.											
23.0	24.0	1.0	100	Broken, slightly weathered P.A.											
24.0	33.9	9.9	100	Fresh, grey P.A. Minor microgranite.											
33.9	37.5	3.6	100	Pinkened P.A.											
37.5	38.1	0.6	100	Mixture of coarse greisen derived from P.A., fine to medium greisen, minor quartz, pegmatite. Trace cassiterite. Minor sulphides.											
38.1	38.3	0.2	100	Quartz, pegmatite.											
38.3	40.2	1.9	100	Siliceous greisen and grey-cream feldspathised greisen-granite.											
40.2	53.8	13.6	100	Mainly siliceous granular greisen (quartz-topaz-mica rock) with variable carbonate, sericite alteration and minor greisen-granite. Medium to coarse grained cassiterite occurs as disseminations in erratic zones. Minor sulphides.											
53.8	65.0	11.2	100	Grey-cream sericite greisen-granite. Minor fine grained disseminated cassiterite, sulphides.											
<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 boxes and the reader is referred to the photographs, especially for engineering considerations.															

932097

DIAMOND DRILL RECORD

HOLE NUMBER : BT 134

LOGGED BY : AFR

KWPS

INTERVAL (m)	RECOVERY		DESCRIPTION	FORM.	% Sn.												
	FROM	TO			m	%	FROM	TO	TOTAL	ACIDSOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
Box 7	R1,2		Pink-grey slightly argillised, mainly fresh poimena adamellite. (37m)														
	R3		First half is pink-grey P.A. with fragments, xenoliths of micro-granite, then grades into green greisenised P.A., and fine greisen with disseminated bornite.														
Box 8	R1-1		Firstly, (30%) grey fine greisen with trace copper sulphides then grades into (35%) mixed quartz pegmatite with minor disseminated SnO <sub>2</sub> , then into mixed quartz and green greisen with trace SnO <sub>2</sub> . Crude layering, erratic, but generally 80-90° C.A.														
	R1-2		Grey fine to medium grained siliceous greisen. Perhaps trace SnO <sub>2</sub> . (38.5m)														
	R2-1		Grey siliceous granular greisen, with disseminated spots of yellow clay mineral. N.O. SnO <sub>2</sub> .														
	R2-2		Firstly (75%) of grey siliceous granular greisen grading into grey-cream greisen-granite. N.O. SnO <sub>2</sub> . Trace sulphides.														
	R3-1		Grey-cream greisen-granite with strange, perhaps feldspathised texture. N.O. SnO <sub>2</sub> . Sericite.														
	R3-2		Grey-cream greisen-granite with blotchy feldspathised texture. NOSnO <sub>2</sub> .														
Box 9	R1-1		Grey-cream greisen-granite with feldspathised appearance. N.O. SnO <sub>2</sub> . (40.0m)														
	R1-2		(75%) of greisen-granite as before, then grades into grey granular greisen. Perhaps trace SnO <sub>2</sub> .														
	R2-1		Grey-cream greisen granite (5%) grading into grey siliceous granular greisen. Abundant very coarse disseminated SnO <sub>2</sub> . Common dark green micas which have been carbonatised.														
	R3-1		Grey-green medium to coarse grained siliceous granular greisen. Dark green coarse micas have been carbonatised. Common to very abundant coarse disseminated SnO <sub>2</sub> . Trace bornite. (41.5m)														
Box 10	R1-1		Grey-green siliceous granular greisen. Abundant coarse SnO <sub>2</sub> , occurring occasionally in clusters. Coarse green micas, carbonatised. Cluster of rare chalcopyrite.														
	R2-1		Grey-green siliceous granular greisen with variable zones of carbonatisation, resulting in zones of light and dark green rock. Abundant disseminated coarse SnO <sub>2</sub> . Minor flakes moly.														
	R3-1		Grey siliceous granular greisen. Minor SnO <sub>2</sub> . (43.0m)														
	R3-2		Grey siliceous greisen (20%) grading to green greisen-granite. NOSnO <sub>2</sub> .														
Box 11	R1-1		Grey-cream greisen-granite (5%) grading to grey-green siliceous granular greisen with common dark green micas, partially carbonatised. Abundant disseminated coarse SnO <sub>2</sub> .														

932098



DIAMOND DRILL RECORD

HOLE NUMBER : BT 134

4

LOGGED BY : AFR

KWFS

INTERVAL (m)	RECOVERY		DESCRIPTION	FORM	% Sn.										
	FROM	TO			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
		R3-1	Pale grey cream sericitised siliceous granular greisen. Low angle clay veinlets. Minor disseminated SnO <sub>2</sub> , sulphides. (including trace moly.),												
		R3-2	As before.												
Box 16	R1-1		Pale grey green siliceous granular sericitised greisen. Trace sulphides. Trace SnO <sub>2</sub> . (53.5m)												
	R1-2		As before. Perhaps trace SnO <sub>2</sub> .												
	R2-1		Pale grey green sericitised granular greisen. Perhaps trace SnO <sub>2</sub> . Trace sulphides.												
	R3-1		As before (55.0m)												
Box 17	R1-1		Grey green sericite greisen. N.O. SnO <sub>2</sub> .												
	R1-2		As before.												
	R2-1		Grey-green greisen (75%) grading to green-cream greisen-granite NOSnO <sub>2</sub> .												
	R3-1,2		Green-cream greisen-granite. N.O. SnO <sub>2</sub> (56.5m) Clayey low angle joints.												
	R3-3		Clayey low angle joints. Green-cream greisen-granite. Minor orange brown siderite. N.O. SnO <sub>2</sub> .												
Box 18	R1-1,2		Green-cream greisen-granite. Clayey joints at low angle. Minor disseminated SnO <sub>2</sub> . Very rare trace sulphide.												
	R2-1		Green-cream greisen-granite. Minor to trace disseminated SnO <sub>2</sub> . (58.0m) Minor orange-brown siderite.												
	R2-2		Grey-green-cream greisen-granite. Perhaps trace SnO <sub>2</sub> .												
	R3-1,2,3,4		Jointed, clayey, fragments of grey-cream greisen-granite. Perhaps trace SnO <sub>2</sub> . Minor trace moly.												
Box 19	R1-1,2,3		Grey-cream greisen-granite. Trace orange-brown siderite. Perhaps trace fine SnO <sub>2</sub> .												
	R2-1		Grey-cream greisen-granite. N.O. SnO <sub>2</sub> . (59.5m)												
	R2-2		As before. Orange brown siderite.												
	R3-1,2		Grey-cream greisen granite. Very minor trace sulphide. Perhaps, trace fine SnO <sub>2</sub> .												
Box 20	R1-1		Grey-cream greisen-granite. N.O. SnO <sub>2</sub> . (61.0m)												
	R2-1		Grey-cream greisen-granite. Trace orange-brown siderite, N.O. SnO <sub>2</sub> . Clayey low angle joint.												
	R2-2		As before but with trace fine SnO <sub>2</sub> .												
	R2-3		Grey-cream greisen-granite with common fine diss. SnO <sub>2</sub> .												
	R3-1,2		Grey-cream greisen-granite. Common fine disseminated SnO <sub>2</sub> . Rare orange brown siderite. Very rare fine sulphides. (62.5m)												

932100

DIAMOND DRILL RECORD

HOLE NUMBER : BT 134

5

LOGGED BY : AFR

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACIDSOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
Box 21	R1-1			Grey-cream greisen-granite. Common fine diss. SnO <sub>2</sub> .												
	R2-1			As before, (64.0m)												
	R3-1			Grey-cream greisen-granite. Common fine diss. SnO <sub>2</sub> .												
Box 22	R1-1			Grey-cream greisen-granite. Minor fine diss. SnO <sub>2</sub> .												
				Very minor trace of sulphides, including moly. (65.0m)												
				END OF HOLE												

932104



DIAMOND DRILL RECORD

HOLE NUMBER : BT 135

LOGGED BY : AFR

AV/PS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
<u>SUMMARISED LOG</u>																
0	22.0	0	0	Non-coring in weathered Poimena Adamellite.												
22.0	29.5	7.5	100	Broke, slightly weathered P.A.												
29.5	32.0	2.5	100	Fresh, grey P.A. Minor microgranite.												
32.0	36.1	4.1	100	Pinkened P.A.												
36.1	37.6	1.5	100	Coarse grained greisenised P.A., minor feldspar rock.												
37.6	38.2	0.6	100	Quartz, mica, feldspar. Pegmatite. Coarse cassiterite in pegmatite layers.												
38.2	40.6	2.4	100	Grey cream granite-greisen, minor greisen.												
40.6	45.5	4.9	100	Mainly siliceous granular greisen (quartz-topaz-mica rock) with variable sericite, carbonate alteration and minor sericite greisen-granite. Medium to coarse disseminated cassiterite. Minor sulphides.												
45.5	65.0	19.5	100	Mainly grey-green sericite greisen-granite and minor greisen. Mainly fine to medium grained disseminated cassiterite. Sulphides.												
<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 boxes and the reader is referred to the photographs, especially for engineering considerations.																

932103

## DIAMOND DRILL RECORD

HOLE NUMBER : BT 135

2

LOGGED BY : AFR

NWPS

INTERVAL (m)	RECOVERY	DESCRIPTION	FORM	% Sn.																
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>					
Box 8	R1	Very pink, slightly argillised P.A.																		
	R2-1	Pinkened, part greisenised P.A.																		
	R2-2	Mixture of grey greisenised P.A. and pale feldspar rock, coarse mica with coarse clusters of SnO <sub>2</sub> (pegmatoid rock).																		
	R2-3	Fragment, pink feldspar rock.																		
	R2-4,5	Mixture of green greisenised P.A. and feldspar rock.																		
	R3	Grey coarse grained greisenised P.A. and pink feldspar. Trace pyrite. (36.8m)																		
Box 9	R1	Green coarse grained greisenised P.A. Trace sulphide.																		
	R2	First half consists of coarse grained greisenised P.A. cut by a low angle (20° CA) quartz vein. Then last half contains mixed feldspar rock, very coarse mica, quartz fragments, as if brecciated. (Pegmatite).																		
	R3-1	Mixture of quartz, feldspar, dark green mica. (Pegmatite)																		
	R3-2	First 5cms consists of layers of coarse mica, then feldspar (pegmatite). Then very fine to medium grained greisen. Abundant coarse SnO <sub>2</sub> in pegmatite layers. (38.5m)																		
Box 10	R1-1	Very fine grained quartz mica greisen. Monotonous, uniform. Altered from alkali granite. Trace sulphide. N.O. SnO <sub>2</sub> .																		
	R2-1	As above. Dark grey green fine grained greisen granite (90%), then grades into cream granite (greisen).																		
	R3-1	Cream-grey granite-greisen. Plenty feldspar, although rock appears to have been feldspathised. Diss. dark micas. (39.9m)																		
Box 11	R1-1	Grey-cream feldspathised? granite-greisen grading to darker grey greisen-granite, then granular greisen.																		
	R2-1	Dark grey-green siliceous granular greisen with disseminated, common SnO <sub>2</sub> . Trace moly.																		
	R3-1	Pale grey siliceous granular greisen. Common diss. SnO <sub>2</sub> . Trace moly																		
	R3-2	Pale grey siliceous granular greisen. Common disseminated SnO <sub>2</sub> . Trace moly.																		
	R3-3	Pale grey siliceous granular greisen. Common SnO <sub>2</sub> , moly. (41.5m)																		
Box 12	R1-1	Dark grey-green variable siliceous granular greisen with pale zone due to alteration of dark green micas. Abundant diss. SnO <sub>2</sub> .																		
	R2-1	As above but more intense dark green micas in siliceous granular greisen. Abundant disseminated SnO <sub>2</sub> .																		
	R3-1	Dark grey green siliceous granular greisen grading to less altered greisen granite. Common disseminated SnO <sub>2</sub> in both rock types. Trace moly. (43.0m)																		

932104

## DIAMOND DRILL RECORD

HOLE NUMBER : BT 135

LOGGED BY : AFR

3

NWPS

INTERVAL (m)	RECOVERY	DESCRIPTION	FORM.	% Sn.																
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% W <sub>2</sub> O <sub>3</sub>					
Box 13	R1-1	Grey cream greisen granite variable to dark grey more altered greisen granite. Common diss. SnO <sub>2</sub> . Sericite micas.																		
	R2-1	Grey green greisen granite variable to dark green, almost granular greisen. (nearly siliceous). Common diss. SnO <sub>2</sub> .																		
	R3-1	Grey-green siliceous granular greisen. Common diss. SnO <sub>2</sub> . (44.5m)																		
	R3-2	Grey-green, near siliceous granular greisen. Common diss. SnO <sub>2</sub> . Patches, clusters diss. bornite, chalcopyrite.																		
Box 14	R1-1	Grey-green near-siliceous granular greisen. Siderite alteration of dark green micas. Bornite grains in rare clusters. Perhaps trace SnO <sub>2</sub> .																		
	R1-2	Grey green granular greisen grading to sericitised greisen-granite. Trace sulphide. Perhaps trace SnO <sub>2</sub> .																		
	R1-3	Grey green greisen-granite and more intense near-granular greisen.																		
	R2-1	Grey-cream greisen-granite. Sericitised. Trace diss. SnO <sub>2</sub> . (46.0m)																		
	R2-2	Grey-cream greisen-granite. Perhaps trace SnO <sub>2</sub> . Sericitised.																		
	R3-1	Grey-cream greisen-granite. N.O. SnO <sub>2</sub> .																		
Box 15	R1-1	Grey-cream-green greisen-granite. Lime green sericite. Perhaps trace SnO <sub>2</sub> . (47.5m)																		
	R2-1	Grey-cream-green greisen-granite. N.O. SnO <sub>2</sub> . Lime green sericite.																		
	R3-1	Grey-cream greisen-granite (20%) grading into dark grey-green greisen with common coarse dark green micas. Traces moly. Perhaps fine SnO <sub>2</sub> .																		
	R3-2	Dark grey-green greisen (10%) grading to cream greisen-granite. Trace coarse disseminated SnO <sub>2</sub> in first 10cms, perhaps trace also in remainder of core.																		
Box 16	R1-1	Cream-grey greisen-granite (10%) grading to dark green greisen. Perhaps trace SnO <sub>2</sub> . (49.0m)																		
	R1-2	Cream-grey greisen-granite (50%) grading to green greisen. Common disseminated SnO <sub>2</sub> , particularly in lower half.																		
	R2-1	Green greisen. Siderite present. Patches of lime green mica. Very common disseminated coarse SnO <sub>2</sub> .																		
	R2-2	Green greisen, grading to lesser altered greisen-granite. Common disseminated SnO <sub>2</sub> , erratically distributed.																		
	R3-1	Variably altered green greisen-granite to greisen. Very common light green micas. Carbonatisation of micas. Common disseminated coarse SnO <sub>2</sub> in several erratic zones. 4mm wide quartz veinlet at 5° CA, traversing lower part of core.																		
Box 17	R1-1	Green greisen variably to lesser greisen-granite. Weak quartz veinlet traversing upper core at 5-10° CA. Erratic zones and clusters of very coarse, abundant SnO <sub>2</sub> (disseminated).																		

932105

DIAMOND DRILL RECORD

HOLE NUMBER : BT 135

LOGGED BY : AFR

NWPS

INTERVAL (m)	RECOVERY		DESCRIPTION	FORM.	% Sn.												
	FROM	TO			m	%	FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
			R2-1														
			R2-2														
			R3-1														
			R3-2,3														
			Box 18 R1-1														
			R1-2														
			R2-1														
			R3-1														
			R3-2														
			Box 19 R1-1														
			R2-1														
			R2-2														
			R3-1														
			Box 20 R1-1														
			R1-2														
			R2-1														
			R2-2														
			R3-1,2,3														
			Box 21 R1-1														
			R2-1														
			R2-2 - R3														
			Box 22 R1-1														
			R2-1														
			R2-2														

932106

5

DIAMOND DRILL RECORD

HOLE NUMBER : BT 135

LOGGED BY : AFR

4475

INTERVAL (m)	RECOVERY		DESCRIPTION	FORM.	% Sn.												
	FROM	TO			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>	
		R3-1	Green-grey greisen with common brick red siderite. N.O. SnO <sub>2</sub> . Lime green micas common.														
Box 23		R1-1	Grey-green greisen. Common orange-brown siderite. Trace diss. SnO <sub>2</sub> .														
		R2-1	Green-grey greisen. Abundant siderite. Trace diss. SnO <sub>2</sub> . (62.5m)														
		R2-2	Green-grey greisen. Siderite present. Perhaps trace SnO <sub>2</sub> .														
		R3-1	Grey-green greisen-granite. Abundant very fine diss. SnO <sub>2</sub> . Trace moly.														
Box 24			All cores are same lithology. Grey-cream greisen-granite with common to abundant very fine disseminated SnO <sub>2</sub> . (65m)														
			END OF HOLE														

932107



DIAMOND DRILL RECORD

HOLE NUMBER : BT 136

LOGGED BY : AFR

NWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
<u>SUMMARISED LOG</u>																
0	22.0	0	0	Non-coring in weathered Poimena Adamellite.												
22.0	32.6	10.6	100	Broken, slightly weathered P.A.												
32.8	34.4	1.6	100	Fresh, grey P.A. Minor microgranite.												
34.4	35.9	1.5	100	Pinkened P.A.												
35.9	37.7	1.8	100	Coarse grained greisenised P.A., feldspar rock. Minor sulphides. Large rounded quartz fragments.												
37.7	37.9	0.2	100	Mixed quartz, feldspar, minor P.A. Pegmatite?												
37.9	40.2	2.3	100	Mixed greisen-granite and coarse greisen. Common sulphides, especially sphalerite, associated with feldspar rock.												
40.2	48.0	7.8	100	Siliceous granular greisen (quartz-topaz-mica rock) with common medium to coarse grained disseminated cassiterite. Sulphides. Variable carbonate, sericite alteration.												
48.0	52.0	4.0	100	Grey-cream sericite greisen-granite. Minor disseminated cassiterite. Sulphides.												
<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 boxes and the reader is referred to the photographs, especially for engineering considerations.																

932109

## DIAMOND DRILL RECORD

HOLE NUMBER : BT 136

LOGGED BY : AFR

2

NWPS

INTERVAL (m)	RECOVERY	DESCRIPTION	FORM.	% Sn.																
				FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag	% WO <sub>3</sub>					
Box 8	R1-1	Poimena Adamellite. Grey to pink. Slight argillisation.																		
	R1-2	P.A. Pronounced pinkening. Slight green argillisation.																		
	R2-1	Pinkened P.A. (80%), grading to light pink feldspar rock (20%). (35.5m)																		
	R2-2	Light pink amorphous feldspar rock (50%) grading to pink-grey P.A.																		
	R3-1	Grey-pink P.A. grading to grey-green greisenised P.A.																		
	R3-2	Several broken pieces of feldspar rock, grading to greisenised P.A., with trace coarse disseminated bornite, chalcopyrite.																		
	R3-3	Light pink feldspar rock grading to green-grey greisenised P.A. Trace very fine pyrite.																		
Box 9	R1-1	Grey-green greisenised P.A. with trace diss. sulphide (pyrite).																		
	R1-2	Grey-green greisenised P.A. with xenolith? of much finer mica rock. Trace very fine sulphide. Siderite present.																		
	R1-3	Ditto.																		
	R2-1	Coarse grained grey-green greisenised P.A. Interstitial siderite. Trace sulphide. (37.0m)																		
	R2-2	Ditto. Interstitial siderite. Trace pyrite and dark sulphide, possibly sphalerite.																		
	R3-1	Ditto. Grades into coarser rock.																		
	R3-2	Mixed rock, containing grey-green greisenised P.A., massive dark green mica, minor amorphous feldspar, large rounded fragments of quartz up to 10cms in length.																		
Box 10	R1-1	Mixed rock derived from greisenised P.A. lithologies, fragments of quartz, mica. Scattered lime grey clay patches. At base is crudely layered feldspar rock with sphalerite.																		
	R2-1	Mixture of grey greisenised P.A. and white feldspar rock studded with coarse sphalerite. Feldspar rock forms a crude vein at 30°C.A. (38.5m)																		
	R2-2	Broken fragments of feldspar-sphalerite vein, cutting grey greisenised granite which may have been P.A.? Equally, it could be alkali granite, (very coarse).																		
	R3-1	Grey sericitised greisenised medium to coarse grained granite with disseminated trace sulphides. N.O. SnO <sub>2</sub> as with all preceding descriptions.																		
Box 11	R1-1	Grey-cream medium to coarse grained granite-greisen. N.O. SnO <sub>2</sub> .																		
	R1-2,3	Ditto. Coarse quartz grains are suggesting that this granite-greisen is derived from the P.A.? (40m)																		
	R2-1	Grey-cream granite-greisen grading to darker green greisen with coarse disseminated dark micas. Abundant coarse diss. SnO <sub>2</sub> .																		
	R3-1	Grey-green granular siliceous greisen with disseminated coarse SnO <sub>2</sub> . Speck moly. Siderite present.																		

932110

## DIAMOND DRILL RECORD

HOLE NUMBER : BT 136

LOGGED BY : AFR

3

NWPS	INTERVAL (m)		RECOVERY		DESCRIPTION	FORM.	% Sn.										
	FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g t Ag
			R3-2		Ditto. Although slightly less mica, resulting in a grey rock. Siliceous granular greisen. Specks moly.												
	Box 12		R1-1		Massive, equigranular, monotonous grey siliceous granular greisen. Common disseminated medium grained cassiterite. (41.5m)												
			R2-1		Variable grey-green to lime green siliceous granular greisen with variable dark green mica. Abundant coarse disseminated SnO <sub>2</sub> concentrated in darker zones, associated with coarse micas.												
			R3-1		Variable grey-green to lime-green siliceous granular greisen with bands, zones of intense dark green mica. Abundant coarse diss. SnO <sub>2</sub> . Common copper sulphides, bornite, chalcopyrite very common near base, in discrete clusters or disseminated. Lime green sericite in zones. (43m). Weak stressed fabric, evident. Trace disseminated fluorite.												
	Box 13		R1-1		Grey siliceous granular greisen. Pale colour due to carbonatisation, sericitisation of dark green micas. Trace disseminated copper sulphides. N.O. SnO <sub>2</sub> . Weak stress fabric.												
			R1-2		Pale grey siliceous granular greisen. Stress fabric at 10° C.A. defined by veinlets, streaks of siderite. Micas altered by siderite. N.O. SnO <sub>2</sub> . Trace fine sulphides.												
			R2-1,2		Darker green-grey siliceous granular greisen with disseminated dark green micas. Abundant disseminated medium grained SnO <sub>2</sub> . Stress fabric 10° C.A.												
			R3-1		As above, but slightly paler colour due to alteration of dark green micas. Siliceous granular greisen. Trace moly. (44.5m)												
			R3-2		Pale grey green siliceous granular greisen with abundant diss. medium to coarse grained SnO <sub>2</sub> . Slightly less topaz?, becoming less granular.												
	Box 14		R1-1		Grey-green siliceous granular greisen (30%) grading to grey-cream greisen-granite. Colour change consistent with rock types. Abundant SnO <sub>2</sub> in first zone of granular greisen but becoming less common in the greisen-granite.												
			R2-1		Grey-cream granite-greisen (5%) grading to dark grey siliceous granular greisen. Medium grained texture. Trace diss. sulphides, perhaps trace SnO <sub>2</sub> . (46m)												
			R3-1		Dark to pale grey siliceous granular greisen. Common to very abundant coarse disseminated SnO <sub>2</sub> . Also another dark opaque mineral, perhaps wolframite. Extensive carbonatisation.												
	Box 15		R1-1		Pale grey to lime green, variably sericitised siliceous granular greisen with abundant very coarse diss. SnO <sub>2</sub> in a zone 10cms from												

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# DIAMOND DRILL RECORD

HOLE NUMBER : BT 136

LOGGED BY : AFR

KWPS

INTERVAL (m)		RECOVERY		DESCRIPTION	FORM	% Sn.										
FROM	TO	m	%			FROM	TO	TOTAL	ACID SOL.	% Cu.	% As.	% S.	% Pb.	% Zn.	% Bi.	g/t Ag
				top. Otherwise very common disseminated throughout rock. Grades into grey medium grained greisen-granite.												
		R2-1		Grey greisen granite. N.O. SnO <sub>2</sub> . (47.5m)												
		R2-2		Dark grey medium greisen-granite grading to coarser very siliceous granular greisen with abundant disseminated coarse SnO <sub>2</sub> in a crudely layered zone. Lime green sericite common near base.												
		R3-1		Dark grey siliceous granular greisen grading to medium grained granite-siliceous (cream grey colour). Sericitised. N.O. SnO <sub>2</sub> .												
Box 16		R1-1		Cream green granite-greisen grading to darker grey greisen-granite. Trace fine diss. SnO <sub>2</sub> . (49m)												
		R1-2		Grey-green-cream greisen-granite. Common sericite micas. Perhaps, trace but N.O. SnO <sub>2</sub> .												
		R201, 2-4		Very broken low angle joints in grey-green-cream greisen-granite. As above. Trace, fine disseminated SnO <sub>2</sub> .												
		R3-1		Grey-green greisen-granite. Trace SnO <sub>2</sub> .												
Box 17		R1		Several fragments, jointed of grey-cream-green greisen-granite. Trace perhaps of diss. SnO <sub>2</sub> .												
		R2		Grey-green cream granite-greisen with trace diss. SnO <sub>2</sub> . (52m)												
				END OF HOLE												

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