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	4345/84			

BP minerals australia

for

SELTRUST MINING CORPORATION PTY LTD

ROSSARDEN EL 48/81

RELINQUISHMENT REPORT

MICROFILMED

OPEN FILE

previous reports

83-1892

84-2080

G.J. DUNBAR

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APPENDICES

Appendix 1	Rossarden E.L. 48/81 Final Evaluation of Prospective Areas BP minerals Australia for Seltrust Mining Corporation Pty Ltd. By J.M. Brady
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1. SUMMARY

Exploration within E.L. 48/81 has been undertaken for Sn and W deposits associated with granitic intrusives related to the Ben Lomond Granite.

Initial exploration indicated areas which were worthy of follow up investigation. This has been completed, locating Sn mineralisation in either low grade accumulations or in structures incapable of hosting an economically viable deposit.

No further work is proposed and the licence recommended for relinquishment.

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2. INTRODUCTION

Exploration licence 48/81 of 306 square kilometres in the vicinity of Avoca was granted to Seltrust Mining Corporation Pty. Ltd. on 3rd June, 1982 for a term of one year and was subsequently renewed for a further term of one year to 2nd June, 1984.

During the tenure of the licence exploration has been directed towards the discovery of tin-tungsten deposits associated with the Upper Devonian Ben Lomond Granite. The targets sought have been greisen zones in the granite or sediments of the Mathinna Beds, as "porphyry" tin associated with altered granitic intrusives or as bedding plan and brittle fracture fillings in the Mathinna Bed sediments.

Exploration was conducted by Seltrust Mining Corporation until the 1st January, 1984 when BP minerals australia assumed management of the project.

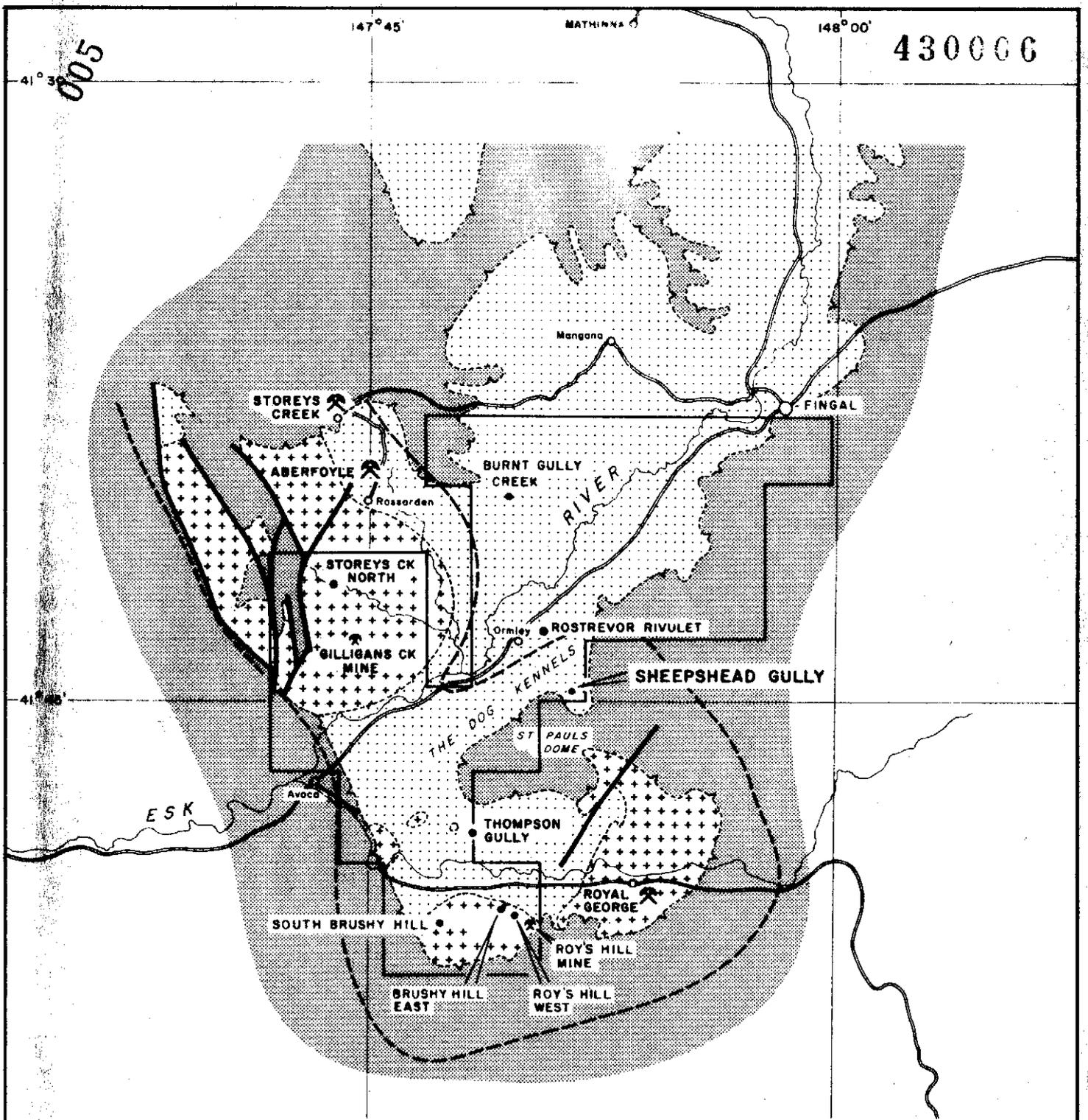
3. EXPLORATION BY SELTRUST/BP minerals australia

The initial field work commenced in November 1982 and continued until March 1983 when some follow up of prospective areas was made. Further evaluation of these prospective areas and follow up of additional areas recognised during subsequent interpretation of the data as having some potential, was undertaken in November and December 1983.

All field work and assessment of the data has been completed and the exploration programme terminated.

3.1 Field Work

The field techniques used in this licence were described in the First Annual Report, Dunbar (1983).



- LEGEND**
-  POST CARBONIFEROUS
 -  MATHINNA BEDS
 -  GRANITIC ROCKS
 -  POSSIBLE LIMIT OF GRANITE PLUTON
INFERRED FROM REGIONAL GRAVITY SURVEY

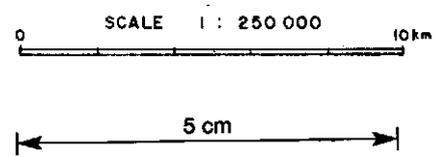


Fig. 1

SELTRUST MINING CORPORATION PTY. LTD.
 ROSSARDEN PROJECT
 EXPLORATION LICENCE 48/81
 GEOLOGICAL MAP
 27-7-83 MEL-1114

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They consisted of

- :- Stream sediment sampling of -40# silts for ICP analysis and the preparation of a -40# panned concentrate for Sn and W semi quantitative analysis. Every second panned concentrate sample was submitted for Au determination with no gold detected.
- :- Rock chip sampling of altered or mineralised lithologies and quartz veins as well as unaltered rock to determine "background".
- :- Geological inspection and mapping where appropriate.

3.2 Results

The result of the exploration activities are presented in plans presented as figures 2 to 5 in this report. These figures contain the data reported in the First Annual Report up dated to include all data collected during the follow up in November, December 1983.

Appended to the reports "First Annual Report" by Dunbar, (1983) and "Final Evaluation of Prospective areas" by Brady, (1983) are the Geochemical Analysis Sheets containing all sample data information and analytical results for all samples collected in the licence.

Within each of the above mentioned previous reports is a discussion on the results obtained. This is briefly summarized here with the reader referred to those reports for further details. Refer to figure 1 for location.

3.2.1 Thompson Gully

Two anomalous results (1.8% Sn and 0.178% W) were obtained from individual quartz veins, about 1 kilometre apart along Thomspens Gully. Subsequent follow up revealed few quartz veins in the area and although anomalous in Sn were not of economic significance.

In the general vicinity of these quartz veins a small discrete body (plug?) of microgranite was located. Most of the microgranite has been extensively altered to a quartz tourmaline [±] muscovite rock. Maximum Sn value obtained from sampling in and around this body was 120 ppm.

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3.2.2 Gilligan's Creek Mine Area

Previous exploration work was undertaken in the area by Australian Anglo American Pty. Ltd.

Throughout the area, are a number of pits, costeans and small mine workings. Sampling of mineralised structures and lithologies was undertaken with some significant results (1.37% Sn) being obtained, however all the mineralised structures are too small and are too widely dispersed to yield a bulk target.

3.2.3 Storey Creek North

Mineralisation of uranium, galena, sphalerite and alluvial tin have been worked in this area. The host rock is granite.

Across the area intense quartz-chlorite/tourmaline alteration is developed along joint planes generally trending to NW with sub-vertical dips. The majority of these zones have thicknesses of 2 to 3 metres and lengths of less than 100 metres. They have associated, but minor, quartz veining. Numerous pits and costeans are seen on these zones. Sampling has shown the Sn grades to be elevated but only a few scattered samples returned in excess of 1000 ppm Sn. Alteration of granite types away from these zones is not apparent.

A sample taken from a partially silicified microgranite dyke in a small 'open-cut' working returned a value of 0.475% Sn. It may well be that this differentiate could be the source of the joint controlled alteration/mineralisation. Other occurrences of microgranite are, however, rare.

As most of the altered and mineralised structures are of limited width and length (seldom in excess of one hundred metres), and are widely dispersed and have a low Sn content there is little potential for a bulk target.

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3.2.4 Sheepshead Gully (figure 5)

Follow up of an anomalous stream sediment concentrate result revealed the presence of a poorly outcropping microgranite body intruded into Mathinna Bed sediments. The microgranite plug has an areal extent of 350 x 150 metres.

Scree and rubbly outcrop? of quartz-tourmaline-muscovite altered microgranite was sampled and returned a maximum value of 2.16% Sn. Follow up investigation has shown the altered microgranite to be restricted to narrow veinlets or zones in an essentially unaltered granite and that there is little potential for an economic Sn/W deposit.

3.2.5 Roy's Hill Mine

The workings consist of an arcuate north trending costean, numerous pits and several deep shafts. The main workings follow the north western contact between greisenised granite and Mathinna Bed sediments. Most of the area is covered with a veneer of Permian Grits.

The greisenised granite appears to be a recently "de-roofed" cupola. The lack of any substantial grades from greisen (highest is 460 ppm Sn) downgrades the potential of the area.

It is thought that the main workings at the Roy's Hill Mine were on high grade (poddy?) ore shoots. Some tin was won from placer deposits in the basal units of the Permian Grits.

3.2.6 Brushy Hill East

Several small, abandoned, workings have been developed on a quartz-tourmaline-arsenopyrite vein which returned 2.43% Sn. The vein is hosted by microgranite, locally altered to a quartz-sericite-tourmaline assemblage and is within 100 m of the contact of the Mathinna Beds.

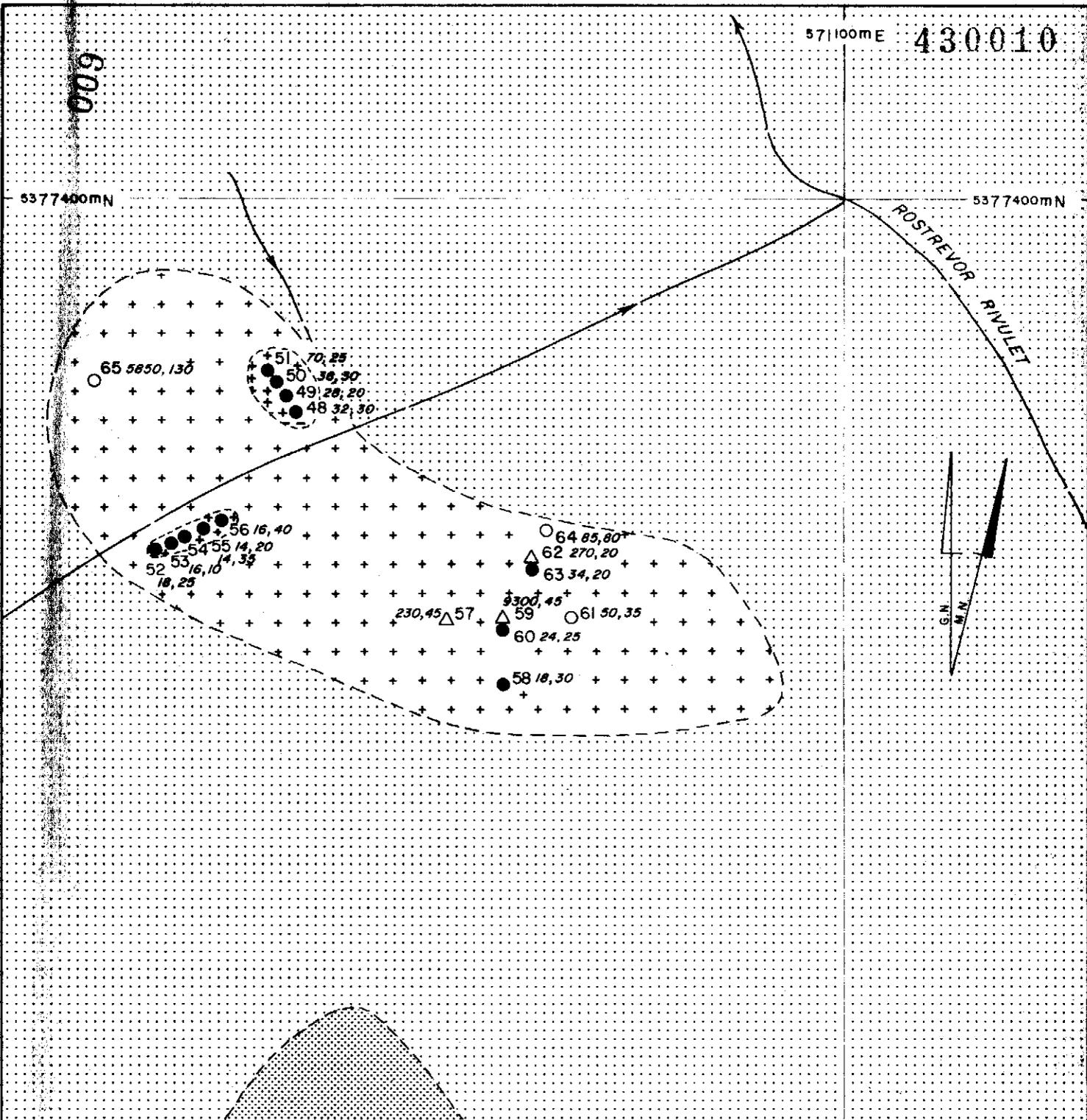
Detailed geological inspection shows little potential for further exploration in the area.

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5377400mN

ROSTREYOR RIVULET



LEGEND

-  PERMIAN SANDSTONES AND GRITS
 -  MICROGRANITE OUTCROP
 -  MICROGRANITE LOCAL DEPOSITS
 -  MATHINNA BEDS SILTSTONE - LOCALLY WEAKLY SPOTTED
 -  INFERRED CONTACT
 -  48 WHOLE ROCK CHIP SAMPLE LOCATION
 -  57 QUARTZ VEIN CHIP SAMPLE LOCATION
 -  61 ALTERATION CHIP SAMPLE LOCATION
- N.B. SAMPLE NUMBERS REFER TO E58848 - E58865 SERIES
- 70, 25 Sn, W SAMPLE RESULTS IN PPM

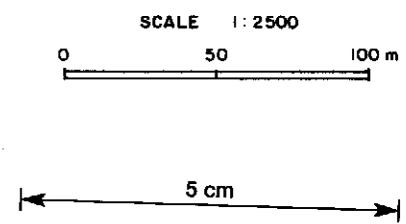


Fig. 5

SELTRUST MINING CORPORATION PTY. LTD
 ROSSARDEN PROJECT
 SHEEPSHEAD GULLY SKETCH MAP
 GEOLOGY & ROCK CHIP SAMPLING

3.2.7 Roy's Hill West

An alluvial area between Brushy Hill East and Roy's Hill Mine obscures the granite/Mathinna Bed contact. It could be speculated that the negative relief may be due to alteration of the granite, perhaps a Sn mineralising event? and that the mineralisation at Roy's Hill Mine and Brushy Hill is a lateral expression of the mineralisation.

This concept has not been tested.

3.2.8 The Dog Kennels

This area was indicated as being worthy of further sampling and geological inspection following some encouragement from the initial exploration (two anomalous stream sediment results, quartz veins containing 70 and 65 ppm Sn and reported hornfelsing of the Mathinna sediments).

As reported by Brady (1983) no significant values were returned in the follow up rock chip or stream sediment concentrate sampling nor did he report any significant hornfelsing or spotting of the Mathinna Bed sediments which may indicate proximity to a granitic intrusion. Accordingly the potential of the area has been downgraded.

3.2.9 Burnt Gully

A stream sediment concentrate sample from the initial reconnaissance work returned a value of 1500 ppm Sn and 30 ppm W.

Ground examination to follow up this result revealed a 30 m² network of quartz veins in Mathinna Bed sediments about 300 m upstream from the anomalous sample site. The veins are barren returning a maximum value of 8 ppm Sn and 25 ppm W. Further ground inspection has failed to locate a potential source for this anomalous value.

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A repeat sample taken at the same site returned only 5 ppm Sn and it can only be presumed that the original result was erroneous.

3.2.10 Rostrevor Rivulet

Follow up sampling in tributaries immediately upstream from an anomalous stream sediment concentrate sample gave 55 and 45 ppm Sn compared to the original 500 ppm. This discrepancy is probably due to differences in the concentrate panning procedures. Geological inspection upstream from the anomalous results failed to locate a possible source within the Mathinna Bed sediments. It is probable that the source of the Sn was from a reworked placer Sn occurrence at the base of the Permian.

4. CONCLUSION

The exploration licence E.L. 48/81 has been covered by stream sediment geochemistry for silts and panned concentrate, rock chip sampling and geological mapping and inspection as appropriate. The exploration techniques used have been effective in discriminating between areas with little potential and those prospective areas.

All areas which appeared to be prospective were followed up with Sn or W mineralisation being identified at most sites. At each location the mineralisation could either be shown to be restricted to narrow structures which would not offer sufficient "size" to host even a modest deposit, e.g. minor quartz veins, or the Sn tenor of the mineralisation while being anomalous was too low to be considered as economical.

Accordingly the exploration programme has been completed and the licence recommended for relinquishment.

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5. EXPENDITURE

An amount of \$149,436 was expended on exploration within EL 48/81 to the 29/2/84. This is detailed below.

Salaries	56,912.6
Logistics	20,988
Services	11,319.4
Property Costs	3,832
Diamond Drilling	—
Percussion Drilling	—
RAB Drilling	—
Exploration Admin.	24,811.1
Depreciation	20,998.6
Management & Admin. General	10,574.6
	<u>149,436.3</u>

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6. REFERENCES

BRADY, J.M., 1983.

Rossarden E.L. 48/81 Final Evaluation of
Prospective areas. BP minerals australia
for Seltrust Mining Corporation Pty. Ltd.

] APPENDIX I

DUNBAR, G.J., 1983.

Rossarden E.L. 48/81 First Annual Report
3 June 1982 - 2 June 1983. Seltrust
Mining Corporation Pty. Ltd.

84-2080

A P P E N D I X 1

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BP minerals australia
for
SELTRUST MINING CORPORATION PTY LTD
ROSSARDEN EL 48/81
FINAL EVALUATION OF PROSPECTIVE AREAS

J.M. BRADY

December, 1983

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FIGURES

<u>FIG. NO.</u>	<u>TITLE</u>	<u>PLAN NO.</u>
1.	Exploration Licence EL48/81	MEL-1114
2.	Stream Sediment Geochemistry -40# Concentrates ppm Sn, W	MEL-966
3.	Sediment Geochemistry -40# Samples	MEL-965
4.	Rock Chip Geochemistry ppm Sn, W	MEL-964
5.	Sheepshead Gully - Geology and Rock Chip Sampling	MEL-1479

APPENDICES

Appendix 1	Rock Chip Sample Analytical Data
Appendix 2	Stream Sediment -40# Concentrate Sample Analytical Data
Appendix 3	Stream Sediment - 40# Sample Analytical Data

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1. SUMMARY

Evaluation of seven prospective areas, Sheepshead Gully/Rostrevor Rivulet/Burnt Gully Creek/The Dog Kennels/Brushy Hill/South Brushy Hill/Roy's Hill Mine, indicated to be prospective by Seltrust Mining Corporation's first exploration phase was undertaken during October and November, 1983.

Results of this follow-up evaluation indicate little potential for the discovery of any economically significant Sn/W deposit in any of these areas.

No further work is recommended for any of the prospect areas.

2. INTRODUCTION

Exploration by Seltrust Mining Corporation Pty Limited undertaken during the period of November, 1982 through March, 1983 consisted mainly of geological mapping at a scale of 1:50,000 in conjunction with extensive rock chip sampling and stream sediment sampling. The geologic targets envisaged for this programme were tin deposits in greisen zones within the Upper Devonian granites or in small granitic intrusives within the Mathinna sediments or as fracture filling stockworks in the brittle Mathinna Beds. The programme and results have been extensively described in "Rossarden EL 48/81 - First Annual Report, 3rd June, 1982 - 2nd June, 1983" by G.J. Dunbar dated November, 1983.

The foregoing exploration programme was successful in locating ten prospective areas which warranted more detailed examination. The purpose of this report is to describe the results of follow-up evaluation of some of these prospective locales undertaken by the writer at intervals during the period of mid-October through mid-November, 1983 through a much more limited programme of rock chip sampling and check -40# stream sediment concentrate sampling.

3. PROSPECTIVE AREAS

3.1 Sheepshead Gully

As shown in Figure 1, the Sheepshead Gully area is located in the central portion of the EL approximately three kilometres southeast of the Ormley Homestead.

Attention was first drawn to the area with anomalous stream sediment -40# panned concentrate sample E58942, which reported 350 ppm Sn and 100 ppm W as shown on Figure 2. Subsequent follow-up, and reference to early Department of Mines geological maps, revealed the presence of a north-westerly trending microgranite body extending over an area of approximately 350 by 120 metres intruded into weakly hornfelsed Mathinna Beds siltstone. Selective rock chip sampling of quartz/tourmaline/muscovite detritus gave up to 2.16% Sn in sample E58820 and 2100 ppm Sn in sample E58816 reportedly taken from an altered granodiorite. Figure 4 details the results of this rock chip sampling.

Observation of the limited microgranite outcrops during this report period indicated that the intrusive, although slightly weathered, is fresh and essentially unaltered. Eighteen rock chip samples of both microgranite outcrop and microgranite detritus or quartz/tourmaline detritus were taken by the writer. Of nine samples taken from unaltered microgranite outcrop, samples E58848 through E58856, the highest Sn and W values were 70 and 30 ppm respectively. Samples of unaltered microgranite detritus, E58858/E58860/E58863, gave highest values of 34 ppm Sn and 45 ppm W. Sampling of the obviously altered detritus which had a maximum diameter of 10 cms, gave values ranging from 50 ppm Sn to 5850 ppm Sn in sample E58859 taken from quartz/tourmaline material. See Figure 5 for details of this sampling.

It is apparent that although some decidedly anomalous values are present at Sheephead Gully, such values are restricted to narrow veinlets or zones within a generally barren and unaltered microgranite host, and that there is little potential for the discovery of a significant Sn/W deposit.

3.2 Rostrevor Rivulet

Stream sediment -40# concentrate sample E58943, taken from a small eastern tributary, indicated an anomalous value of 500 ppm Sn and 10 ppm W. Similar sampling by the writer, actually of two streamlets in this drainage with -40# concentrates E59405 and E59406 as shown on Figure 2, gave values of 55 ppm Sn and 45 ppm Sn and less than 10 ppm W.

Ground examination of the drainage up to the Permian-Triassic clastic sediments revealed only barren siltstones and sandstones of the Mathinna Beds and minor quartz vein float in the streams. Rock chip sampling, as shown in Figure 4, indicated only background results for Sn.

The anomalous concentrate value of 45 ppm, as compared to the much higher earlier value of 500 ppm, is not readily explained. However, there is the possibility that this anomaly is caused by cassiterite shedding up stream from a fossil placer deposit located along the unconformity between the Mathinna Beds and Permian-Triassic sediments.

To the south, -40# stream sediment concentrates, E59400 and E59401 were taken in two previously unsampled site tributaries of the Rostrevor Rivulet. Both gave values of only 10 ppm Sn and less than 10 ppm W.

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3.3 Burnt Gully Creek

Stream sediment sample E59314, taken from a southern tributary of Burnt Gully Creek in the initial programme, indicated anomalous values of 1500 ppm Sn and 30 ppm W.

Ground examination of the tributary by the writer revealed a weak network of quartz veining approximately 300 metres upstream from the foregoing sample site. The quartz veins are exposed over an area of approximately 30 by 30 metres, have a maximum thickness of 7 centimetres and have a density of approximately 1 vein per metre. The veins are barren of sulphides, and apparently of Sn or W, and are either concordant with the 335° azimuth and vertical dip of the host sandstone quartzite host Mathinna Beds or normal with a vertical dip.

Rock chip samples E58870/E58873/E58874 were taken of the quartz veins, and results were disappointingly low with maximum values of 8 ppm Sn and 25 ppm W. Similar samples of the host rock, E58871/E58872, gave maximum values of 6 ppm Sn and 15 ppm W.

Results from stream sediment -40# concentrate sample E59402, are puzzling as the values are only 5 ppm Sn and less than 10 ppm W, as compared to the original value of 1500 ppm Sn and 30 ppm W. Presumably, this disparity must be the result of differences in sampling techniques.

Stream sediment -40# concentrate samples E59403 and E59404 were also taken to the immediate south of the quartz veined area in two previously unsampled minor drainages. Both samples gave less than 5 ppm Sn and less than 10 ppm W.

3.4 The Dog Kennels

The initial programme indicated two anomalous drainages, E58934 and E58937, with 135 ppm and 145 ppm Sn and less than 10 ppm and 20 ppm W respectively in the area south of the main road which drains Saint Paul's Dome. Several quartz veins sampled during that phase encountered anomalous Sn values of upto 70 ppm and W values of up to 65 ppm. In addition a narrow quartz vein, rich in galena, sampled with rock chip sample E58815, proved to contain 500 ppm Sn.

The anomalous drainages were re-sampled with stream sediment -40# concentrate E59407 and E59408 and, in this sampling, proved to contain only 35 and less than 5 ppm Sn and less than 10 ppm W respectively. Again, the disparity with the earlier results is difficult to explain.

All the area between Joe Wood Creek and the E58937/E59408 drainage to the south-west was traversed and quartz vein material, either in outcrop or as float, and selected portions of the Mathinna Beds were rock chip sampled with samples E58876 through E58889 and E58890 through E58896. From the quartz vein material sampling the highest value obtained was 14 ppm Sn and 35 ppm W. The highest values from the Mathinna Beds were 36 ppm Sn and 20 ppm W in sample E58876 taken from a quartzite.

The quartz vein which reportedly has been trenched, sampled by the earlier chip sample E58815, was not located by the writer although considerable time was expended in attempting to find it.

No spotting or hornfelsing of the Mathinna Beds was observed nor were other indications of intrusive activity such as intrusive float observed during the writer's traverses. Possibly remobilised quartz veining in the Mathinna Beds, is weak and only very low Sn/W

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values were obtained in chip samples of both the quartz veinlets and the Mathinna Beds. Potential for significant Sn/W mineralisation is, in the opinion of the writer, minimal.

Although the stream sediment concentrate anomalies have not been fully explained, there is the possibility as at the Rostrevor Rivulet, that they are caused by cassiterite shedding upstream from fossil placer deposits along the base of the Permian sediments.

3.5 Brushy Hill

As shown in Figure 2, the earlier stream sediment sampling programme obtained anomalous -40# concentrate values of 130 ppm Sn and 20 ppm W from sample E58954 taken from an eastern side tributary of Brushy Hill Creek.

The writer attempted to re-sample this site but found that an active drainage is not present and, as suitable sediment is not available, could not repeat the sample. The original sample tag could not be located.

Rock chip samples E59003 and E59004 taken from quartz float in the area of the "drainage" gave values of 8 ppm and 4 ppm Sn and 10 ppm and less than 10 ppm W respectively. A sample of highly weathered granite outcrop, rock chip E59002, gave 6 ppm Sn and 10 ppm W. Samples E58899/E58900/E58901 taken from fresh granite outcrop from the next drainage to the south gave maximum values of 14 ppm Sn and 15 ppm W.

Although it was not possible to repeat the anomalous stream sediment concentrate sample, based on field observation and the limited rock chip sampling undertaken, the area of the drainage appears to offer little potential.

3.6 South Brushy Hill

In the extreme south of the EL, stream sediment -40# concentrate sample E58962 gave anomalous values of 350 ppm Sn and 20 ppm W. Follow-up by the writer revealed this drainage, in the area where the sample was originally taken, to be deeply incised into the thick soil of the valley floor and inactive. The drainage eventually is lost in massive, pink, barren granite to the south and no sediment suitable for sampling could be located throughout its course.

The source of the original anomaly has yet to be explained. However, it appears questionable that the original stream sediment concentrate was taken from this drainage and it may be that the sample location is incorrectly placed.

3.7 Roy's Hill Mine

The Roy's Hill Mine workings consist of an arcuate north-trending system of pits and trenches along the contact between greisenized granite and the Mathinna Beds over a distance of approximately 210 metres. Rock chip sampling by the earlier Seltrust programme of the greisen zone, at least 2 metres thick, gave values of up to 460 ppm Sn. However, most values sampled from 75 to 170 pm Sn.

With the exception of rock chip sample E59008 of basal Permian grit outcrop taken from the main workings which gave 14 ppm Sn and 10 ppm W, the writer's rock chips samples were taken from a series of pits 30 to 70 metres to the east. Rock chip sample E59009 gave 4 ppm Sn and 15 ppm W. Four other rock chip samples, all of greisen material taken from the mullock piles around the pits, E59010 through E59013, gave values ranging from 40 to 90 ppm Sn and 15 to 40 ppm W.

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The pattern of workings and outcrops where exposed indicates that the intrusion represents a recently "de-roofed" elliptical cupola, 210 metres long and 30 to 70 metres wide, which would seem to be an ideal target for localization of Sn/W mineralisation. However, the consistently low Sn and W values in the greisen, although anomalous from both periods of Seltrust's examination and the lack of other models of mineralisation other than greisen, such as quartz stockworks either in the granite or the Mathinna Beds, indicate the Roy's Hill Mine prospect to have little potential for significant Sn/W deposits.

4. CONCLUSIONS

Follow-up evaluation of areas indicated to be prospective by Seltrust Mining Corporation's initial phase of examination indicate that the Sheepshead Gully, Rostrevor Rivulet, Burnt Gully Creek, The Dog Kennels and Roy's Hill Mine prospects all offer little potential for the discovery of economically significant Sn/W deposits.

Although anomalous stream sediment -40# concentrate samples at Brushy Hill and South Brushy Hill could not be repeated, the writer observed nothing in these areas to suggest the presence of significant Sn/W mineralisation.

No further work is recommended for any of the aforementioned prospects.

APPENDIX I

Rock Chips Sample Analytical Data

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SELTRUST MINING CORPORATION PTY LTD

GEOCHEMICAL ANALYSIS SHEET

027

Box No 40192
 Analyst _____
 Date _____
 Analytical Method ICP-1
XRF

PROJECT TASMANIAN TIN LOCATION ROSSARDEN

GRID _____ HOLE No. _____ COORDS _____

SAMPLE TYPE ROCK CHIP SAMPLER J.M. BRADY DATE SAMPLED OCT. 15/83

ANALYSE FOR ICP-1 & SN/W BY XRF

48351

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to			Sn	W
1	H/45 E 58848			5,377,430N/570,750E	UNALTERED MICROGRANITE OK	32	30
2	46 E 58849			" "	" "	28	20
3	47 E 58850			" "	" "	36	30
4	48 E 58851			" "	" "	70	25
5	49 E 58852			5,377,380N/570,700E	" "	18	25
6	50 E 58853			" "	" "	16	10
7	75/1 E 58854			" "	" "	14	35
8	2 E 58855			" "	" "	14	20
9	3 E 58856			" "	" "	16	40
10	4 E 58857			5,377,280N/570,850E	QUARTZ/TOURMALINE VEIN DETRITUS	230	45
11	5 E 58858			" "	UNALTERED GRANITE DETRITUS	18	30
12	6 E 58859			" "	QUARTZ/TOURMALINE VEIN DETRITUS	9300	45
13	7 E 58860			" "	UNALTERED MICROGRANITE DETRITUS	24	25
14	8 E 58861			" "	TOURMALINIZED MICROGRANITE DETRITUS	50	35
15	9 E 58862			" "	QUARTZ/TOURMALINE VEIN DETRITUS	270	20
16	10 E 58863			" "	UNALTERED MICROGRANITE DETRITUS	34	20
17	11 E 58864			" "	TOURMALINIZED MICROGRANITE DETRITUS	85	80
18	12 E 58865			5,377,430N/570,700E	SILICEOUS MICROGRANITE DETRITUS	5850	130
19	13 E 58866			5,379,070N/571,050E	WEAKLY SPOTTED SILTSTONE	24	15
20	14 E 58867			5,379,590N/570,900E	POORLY INDURATED SANDSTONE	46	<10
15	Blank						
16	E 58848	lep					
17	Control						

430028

COPIES TO: G. DUNBAR (ADELAIDE)
B. HAMMOND (MELBOURNE)

48351

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028 ANALYSIS: 10/11/83

SHEET NUMBER -- 48351

SAMPLE	NI	CU	ZN	PB	AS	MN	CR	FE
58848	84	24	31	< 20	< 20	228	154	1.31%
58849	32	< 10	31	< 20	< 20	311	154	1.67%
58850	19	< 10	35	< 20	< 20	286	176	2.01%
58851	< 10	12	28	< 20	< 20	228	134	1.24%
58852	< 10	< 10	40	< 20	< 20	244	145	1.38%
58853	< 10	< 10	34	< 20	< 20	236	173	1.57%
58854	< 10	< 10	27	< 20	< 20	298	121	1.17%
58855	< 10	< 10	27	< 20	< 20	231	161	1.32%
58856	< 10	< 10	23	< 20	< 20	234	129	1.17%
58857	< 10	15	76	< 20	30	569	112	2.83%
58858	10	< 10	27	< 20	< 20	366	163	1.45%
58859	< 10	< 10	29	< 20	< 20	268	219	1.18%
58860	< 10	< 10	20	< 20	< 20	248	152	1.24%
58861	< 10	< 10	26	< 20	< 20	310	88	1.19%
58862	< 10	< 10	27	< 20	< 20	382	159	1.04%
58863	< 10	< 10	31	< 20	< 20	338	118	1.29%
58864	14	14	69	< 20	< 20	287	178	2.49%
58865	< 10	168	82	< 20	852	445	176	3.74%
58866	18	< 10	37	< 20	22	198	134	2.16%
58867	13	< 10	71	50	48	118	183	2.71%
0	< 10	< 10	< 10	< 20	< 20	< 10	< 10	< 500
48	84	22	30	< 20	< 20	237	159	1.38%
* 0	478	347	1425	428	101	408	477	8.11%

SAMPLE	AL2O3	MGO	CAO	NA2O	K2O	TIO2	P2O5	AG
58848	13.81%	637	2128	3.02%	4.92%	289	3202	< 10
58849	13.86%	< 500	3027	3.43%	4.60%	323	4118	< 10
58850	13.13%	< 500	1935	3.10%	4.03%	273	2800	< 10
58851	13.86%	< 500	1700	2.82%	4.90%	304	2829	< 10
58852	13.66%	585	3517	2.81%	4.70%	320	3960	< 10
58853	13.33%	< 500	2690	2.76%	5.00%	269	3648	< 10
58854	13.33%	< 500	2742	3.23%	4.18%	361	3729	< 10
58855	13.52%	< 500	3347	3.04%	4.47%	258	3462	< 10
58856	14.06%	< 500	2524	3.73%	4.52%	270	3504	< 10
58857	15.25%	< 500	5580	1160	4.82%	87	7096	< 10
58858	14.40%	567	2200	3.81%	4.35%	317	3509	< 10
58859	5.10%	< 500	1029	< 500	1.67%	78	1579	< 10
58860	14.09%	< 500	1524	3.64%	4.80%	265	2981	< 10
58861	14.01%	521	2791	3.22%	4.59%	327	4436	< 10
58862	4.88%	< 500	8103	< 500	1.58%	82	1.10%	< 10
58863	14.52%	564	2651	3.01%	4.20%	252	3962	< 10
58864	7.78%	1654	3468	7109	8417	209	4423	< 10
58865	11.58%	< 500	3818	1558	3.12%	160	5808	< 10
58866	7.75%	9624	1205	6120	2.32%	4963	1242	< 10
58867	8.85%	4775	< 500	8953	3.00%	3631	702	< 10
* 0	613	< 500	< 500	< 500	< 500	< 50	< 200	< 10
* 48	14.95%	692	2260	3.08%	5.01%	289	3270	< 10
** 0	15.51%	5.67%	1.28%	1.05%	1.27%	5619	922	< 10

SAMPLE	CO	FI	V	MO	SR	LA	Y	ZI
58848	< 10	< 40	< 10	< 10	45	< 10	7	7
58849	< 10	< 40	< 10	< 10	22	< 10	9	< 5
58850	< 10	< 40	< 10	< 10	30	< 10	6	6
58851	< 10	< 40	< 10	< 10	53	< 10	6	< 5
58852	< 10	< 40	< 10	< 10	40	< 10	12	10
58853	< 10	< 40	< 10	< 10	36	< 10	13	< 5
58854	< 10	< 40	< 10	< 10	30	< 10	9	< 5
58855	< 10	< 40	< 10	< 10	36	< 10	10	9
58856	< 10	< 40	< 10	< 10	24	< 10	9	11
58857	< 10	46	< 10	< 10	11	< 10	< 5	< 5
58858	< 10	< 40	< 10	< 10	74	< 10	8	< 5
58859	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
58860	< 10	< 40	< 10	< 10	29	< 10	< 5	< 5
58861	< 10	< 40	< 10	< 10	16	< 10	8	< 5
58862	< 10	< 40	< 10	< 10	22	< 10	6	< 5
58863	< 10	< 40	< 10	< 10	24	< 10	9	< 5
58864	< 10	87	< 10	< 10	11	< 10	6	< 5
58865	< 10	72	< 10	< 10	15	< 10	< 5	< 5
58866	< 10	< 40	39	< 10	45	53	16	< 5
58867	< 10	< 40	32	< 10	102	< 10	8	< 5
0	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
48	< 10	< 40	< 10	< 10	48	< 10	7	7
* 0	48	< 40	174	< 10	130	23	13	< 5

SAMPLE	CE	ZR	SN
58848	< 100	37	< 10
58849	< 100	37	< 10
58850	< 100	22	< 10
58851	< 100	45	< 10
58852	< 100	39	< 10
58853	< 100	35	< 10
58854	< 100	25	< 10
58855	< 100	34	< 10
58856	< 100	28	< 10
58857	< 100	< 10	228
58858	< 100	36	< 10
58859	< 100	< 10	183
58860	< 100	28	< 10
58861	< 100	14	< 10
58862	< 100	< 10	62
58863	< 100	30	< 10
58864	< 100	23	18
58865	< 100	27	283
58866	< 100	152	< 10
58867	< 100	95	12
0	< 100	< 10	< 10
48	< 100	38	< 10
* 0	< 100	112	< 10

21

SELTRUST MINING CORPORATION PTY LTD

GEOCHEMICAL ANALYSIS SHEET

030

Box No 40192, 193
 Analyst _____
 Date _____
 Analytical Method _____
ICP
KRF

PROJECT TASMANIAN TIN LOCATION ROSSARDEN

GRID _____ HOLE No. _____ COORDS _____

SAMPLE TYPE ROCK CHIP SAMPLER J. M. BRADY DATE SAMPLED OCT. 19 - OCT. 24/83

ANALYSE FOR ICP-1 & SN/W BY XRF

48354

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to			Sn	W
18	E 58868			5 385 200N / 569 670E	SILTSTONE OUTCROP	8	15
19	E 58869			" "	QUARTZ VEIN DETRITUS	8	15
20	E 58870			5 385 280N / 569 150E	7 CM. QUARTZ VEIN OUTCROP	4	25
21	E 58871			" "	SANDSTONE OUTCROP	4	10
22	E 58872			5 385 28N / 569 040E	QUARTZITE OUTCROP	6	15
23	E 58873			" "	7 CM. QUARTZ VEIN OUTCROP	8	15
24	E 58874			" "	GOSSANOUS QTZ. VEIN DETRITUS	<4	45
25	E 58875			5 385 600N / 568 500E	SILTSTONE OUTCROP	8	10
26	E 58876			5 376 800N / 567 430E	QUARTZITE OUTCROP	36	20
27	E 58877			5 376 840N / 567 370E	8 CM. QUARTZ VEIN OUTCROP	14	20
28	E 58878			5 377 060N / 567 120E	3 CM. QUARTZ VEIN OUTCROP	4	35
29	E 58879			5 377 240N / 567 030E	QUARTZ VEIN FLOAT	<4	10
30	E 58880			5 379 440N / 570 740E	QUARTZ VEIN FLOAT	<4	35
31	E 58881			5 376 090N / 565 840E	QUARTZ VEIN FLOAT	<4	10
32	E 58882			5 376 090N / 565 840E	FINE SANDSTONE OUTCROP	6	10
33	E 58883			5 375 820N / 565 710E	QUARTZ VEIN FLOAT	<4	10
34	E 58884			5 375 820N / 565 710E	QUARTZITE OUTCROP	8	10
35	E 58885			5 375 400N / 565 740E	QUARTZITE OUTCROP	8	<10
36	E 58886			5 375 550N / 565 590E	QUARTZ VEIN FLOAT	<4	30
37	E 58887			5 375 770N / 565 450E	8 CM. QUARTZ VEIN OUTCROP	6	15
38	E 58868	top.					

430031

COPIES TO: G. DUNBAR (ADELAIDE)
B. HAMMOND (MELBOURNE)

48354

268

DATE OF ANALYSIS: 10/11/83

SHEET NUMBER - 43354

031
SAMPLE

		NI	CU	ZN	PB	AS	MN	CR	FE
E	58868	< 10	< 10	46	24	21	51	155	1.82%
E	58869	< 10	< 10	< 10	< 20	< 20	41	320	7771
E	58870	< 10	< 10	37	< 20	< 20	49	278	1.58%
E	58871	< 10	< 10	< 10	< 20	< 20	50	255	9171
E	58872	< 10	< 10	41	25	< 20	50	216	3.94%
E	58873	< 10	< 10	18	< 20	< 20	38	336	1.50%
E	58874	< 10	< 10	15	< 20	24	34	278	2.26%
E	58875	< 10	< 10	< 10	< 20	< 20	77	188	7938
E	58876	< 10	< 10	22	< 20	< 20	165	370	2.03%
E	58877	< 10	< 10	24	< 20	< 20	104	298	8790
E	58878	< 10	< 10	16	< 20	< 20	85	293	9771
E	58879	< 10	< 10	< 10	< 20	< 20	31	270	4684
E	58880	< 10	< 10	< 10	< 20	< 20	48	380	7076
E	58881	< 10	< 10	< 10	< 20	< 20	31	297	4635
E	58882	11	< 10	37	< 20	< 20	206	200	2.44%
E	58883	< 10	< 10	< 10	< 20	< 20	35	248	5962
E	58884	99	< 10	49	< 20	< 20	105	180	1.98%
E	58885	31	< 10	79	29	< 20	265	145	4.18%
E	58886	< 10	< 10	< 10	< 20	< 20	29	252	4534
E	58887	< 10	< 10	< 10	< 20	< 20	45	369	6755
*	68	< 10	< 10	44	25	< 20	48	153	1.81%

	SAMPLE	AL2O3	MGO	CAO	NA2O	K2O	TIO2	P2O5	AG
E	58868	8.73%	5620	< 500	1.29%	2.05%	4234	643	< 10
E	58869	2314	< 500	< 500	< 500	< 500	73	< 200	< 10
E	58870	2.32%	1089	< 500	< 500	7447	688	618	< 10
E	58871	4.00%	1459	< 500	< 500	1.06%	1942	313	< 10
E	58872	5.76%	2581	< 500	< 500	1.50%	1635	1682	< 10
E	58873	1.11%	< 500	< 500	< 500	1887	258	493	< 10
E	58874	5981	< 500	< 500	< 500	< 500	230	347	< 10
E	58875	5.30%	3127	< 500	< 500	1.53%	3169	574	< 10
E	58876	6.61%	5874	2197	1.48%	1.84%	5769	2069	< 10
E	58877	1.45%	2852	2104	< 500	3297	484	509	< 10
E	58878	1.81%	1403	600	2720	6554	982	555	< 10
E	58879	7255	< 500	< 500	2449	< 500	268	< 200	< 10
E	58880	1508	< 500	< 500	< 500	< 500	< 50	< 200	< 10
E	58881	3917	< 500	< 500	505	< 500	61	< 200	< 10
E	58882	7.92%	9802	2001	1.22%	1.87%	5136	1420	< 10
E	58883	3650	< 500	< 500	< 500	1366	131	< 200	< 10
E	58884	7.29%	1.01%	1658	4008	2.21%	5239	2280	< 10
E	58885	14.02%	1.79%	1812	5320	4.21%	7998	1963	< 10
E	58886	3183	< 500	< 500	667	< 500	108	< 200	< 10
E	58887	4494	< 500	< 500	< 500	1368	416	< 200	< 10
*	68	8.65%	5628	< 500	1.29%	2.04%	4300	638	< 10

032

	SAMPLE	CO	PI	V	MO	ER	LA	Y	FE
E	58868	< 10	< 40	38	< 10	91	28	7	< 5
E	58869	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58870	< 10	< 40	13	< 10	< 10	< 10	< 5	< 5
E	58871	< 10	< 40	22	< 10	12	24	5	< 5
E	58872	< 10	< 40	24	< 10	14	32	6	< 5
E	58873	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58874	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58875	< 10	< 40	31	< 10	45	39	8	< 5
E	58876	< 10	< 40	35	< 10	98	< 10	9	< 5
E	58877	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58878	< 10	< 40	11	< 10	51	< 10	< 5	< 5
E	58879	< 10	< 40	< 10	< 10	11	< 10	< 5	< 5
E	58880	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58881	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58882	< 10	< 40	41	< 10	50	< 10	9	< 5
E	58883	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58884	< 10	< 40	41	< 10	34	35	16	< 5
E	58885	13	< 40	80	< 10	54	37	12	< 5
E	58886	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58887	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
*	68	< 10	< 40	38	< 10	89	28	7	< 5

	SAMPLE	CE	ZR	SN
E	58868	< 100	99	< 10
E	58869	< 100	< 10	< 10
E	58870	< 100	18	< 10
E	58871	< 100	62	< 10
E	58872	< 100	58	< 10
E	58873	< 100	< 10	< 10
E	58874	< 100	< 10	< 10
E	58875	< 100	128	< 10
E	58876	< 100	184	< 10
E	58877	< 100	11	< 10
E	58878	< 100	27	< 10
E	58879	< 100	< 10	< 10
E	58880	< 100	< 10	< 10
E	58881	< 100	< 10	< 10
E	58882	< 100	74	< 10
E	58883	< 100	< 10	< 10
E	58884	< 100	110	< 10
E	58885	< 100	69	< 10
E	58886	< 100	< 10	< 10
E	58887	< 100	18	< 10
*	68	< 100	96	< 10

3

430034

033

SELTRUST MINING CORPORATION PTY LTD

GEOCHEMICAL ANALYSIS SHEET

Box No 40193
 Analyst _____
 Date _____
 Analytical Method _____
ICP
XRF

PROJECT TARMANIAN TUN LOCATION ROSSARDEN

GRID _____ HOLE No. _____ COORDS _____

SAMPLE TYPE ROCK CHIP SAMPLER J.M. BRADY DATE SAMPLED OCT. 24/88

ANALYSE FOR ICP-A & S/W RY XRF

48356

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to		S _w	W
1	39 E 58888			5,376,030N/5,65+00E QUARTZ VEIN FLOAT	<4	30
2	40 E 58889			5,375,830N/5,65000E QUARTZITE QUOTRAP	18	<10
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
	41 E 58888	Rep.				

COPIES TO: G. DUNBAR (ADELAIDE)
B. HAMMOND (MELBOURNE)

48356

268

034

DATE OF ANALYSIS: 10/11/83

SHEET NUMBER -- 48356

430035

	SAMPLE	NI	CU	ZN	PB	AS	MN	CR	FE
E	58888	< 10	< 10	< 10	< 20	< 20	24	281	3655
E	58889	16	< 10	45	< 20	< 20	203	302	2.84%
*	88	< 10	< 10	< 10	< 20	< 20	25	287	3880

	SAMPLE	AL2O3	MGO	CAO	NA2O	K2O	TI02	P2O5	AG
E	58888	< 500	< 500	< 500	< 500	< 500	< 50	< 200	< 10
E	58889	8.79%	1.02%	1925	8973	2.53%	6053	1894	< 10
*	88	1195	< 500	< 500	< 500	< 500	< 50	< 200	< 10

	SAMPLE	CO	BI	V	MO	SR	LA	Y	BE
E	58888	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58889	< 10	< 40	50	< 10	68	16	10	< 5
*	88	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5

	SAMPLE	CE	ZR	SN
E	58888	< 100	< 10	< 10
E	58889	< 100	114	< 10
*	88	< 100	< 10	< 10

23

430036 035

SELTRUST MINING CORPORATION PTY LTD

GEOCHEMICAL ANALYSIS SHEET

Box No. 40316
 Analyst _____
 Date _____
 Analytical Method ICP-1
XRF

PROJECT TASMANIAN TIN LOCATION ROSSARDEN

GRID _____ HOLE No. _____ COORDS _____

SAMPLE TYPE ROCK CHIP SAMPLER J.M. BRADY DATE SAMPLED Nov. 11-13/83

ANALYSE FOR ICP-1 # SW/W BY XRF

48357

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to			S _n	W
1	H150 E 58890			5,377,210N/566,650E	QUARTZ VEIN FLOAT	24	<10
2	B11 E 58891			5,377,210N/566,650E	" " "	6	<10
3	2 E 58892			5,376,990N/566,440E	UNALTERED SILTSTONE 2%	6	10
4	3 E 58893			5,376,700N/566,600E	QUARTZ VEIN FLOAT	6	<10
5	4 E 58894			5,376,661N/566,630E	UNALTERED SILTSTONE 9%	24	<10
6	5 E 58895			5,376,390N/566,400E	QUARTZ VEIN FLOAT	8	<10
7	6 E 58896			5,376,310N/566,130E	" " "	24	<10
8	7 E 58897			5,376,490N/566,040E	10CM QTZ. VEIN IN QUARTZITE	24	<10
9	8 E 58898			5,376,440N/565,940E	6CM QTZ. VEIN IN QUARTZITE	24	<10
10	9 E 58899			5,367,620N/567,460E	GRANITE OUTCROP	12	<10
11	10 E 58900			5,367,720N/567,180E	" "	12	10
12	11 E 59001			5,367,930N/567,240E	" "	14	15
13	12 E 59002			5,368,070N/567,640E	HIGHLY WEATHERED GR. 9%	6	10
14	13 E 59003			5,368,380N/567,530E	" " " "	8	10
15	14 E 59004			5,368,500N/567,180E	QUANTZ VEIN FLOAT	4	<10
16	15 E 59005			5,368,960N/567,100E	GOSSAN/LATERITE CORRIDGES	8	10
17	16 E 59006			5,368,960N/567,100E	" " "	24	10
18	17 E 59007			5,368,960N/567,100E	" " "	24	<10
19	18 E 59008			5,367,900N/569,650E	PERMIAN BASAL CRIT OR	14	10
20	19 E 59009			" "	UNALTERED SILTSTONE 9%	4	15
21	20 E 58890						
22	control						
23	blank						

COPIES TO: G. DUNBAR (ADELAIDE),
T.B. HAMMOND (MELBOURNE)

48357

720

DATE OF ANALYSIS: 29/11/83

SHEET NUMBER -- 43357

036

	SAMPLE	NI	CU	ZN	PB	AS	MN	CR	FE
E	58890	< 10	< 10	< 10	< 20	< 20	51	220	6675
E	58891	< 10	< 10	< 10	< 20	< 20	41	319	5143
E	58892	< 10	28	49	29	< 20	148	189	2.32%
E	58893	< 10	< 10	< 10	< 20	< 20	56	323	8562
E	58894	19	15	64	43	< 20	304	111	4.39%
E	58895	< 10	< 10	< 10	< 20	< 20	42	306	5623
E	58896	< 10	< 10	< 10	< 20	< 20	27	278	6024
E	58897	< 10	< 10	< 10	< 20	< 20	38	323	5381
E	58898	< 10	< 10	< 10	< 20	< 20	47	261	5731
E	58899	< 10	< 10	37	25	< 20	196	157	1.55%
E	58900	< 10	< 10	69	30	< 20	340	174	2.30%
E	59001	< 10	< 10	32	23	< 20	188	174	1.50%
E	59002	< 10	< 10	< 10	< 20	< 20	65	265	6652
E	59003	< 10	< 10	< 10	< 20	< 20	45	192	1.13%
E	59004	< 10	< 10	< 10	< 20	< 20	28	260	4087
E	59005	99	112	464	< 20	65	677	188	44.10%
E	59006	62	136	406	< 20	65	309	149	45.53%
E	59007	136	133	257	< 20	79	1425	113	48.54%
E	59008	< 10	< 10	< 10	21	< 20	46	236	1.73%
E	59009	< 10	16	22	34	< 20	35	152	3.35%
*	0	< 10	< 10	< 10	< 20	< 20	51	347	6792
*	90	468	355	1433	409	103	388	458	8.05%
**	0	< 10	< 10	< 10	< 20	< 20	< 10	< 10	< 500

	SAMPLE	AL2O3	MGO	CAO	NA2O	K2O	TI02	P2O5	AG
E	58890	7646	< 500	< 500	620	4997	91	521	< 10
E	58891	2212	< 500	< 500	< 500	724	< 50	< 200	< 10
E	58892	9.97%	9047	1538	1.08%	2.84%	4081	1488	< 10
E	58893	1093	< 500	< 500	< 500	2269	60	< 200	< 10
E	58894	14.81%	1.76%	1206	1.77%	4.84%	6901	1224	< 10
E	58895	1823	< 500	< 500	< 500	< 500	82	< 200	< 10
E	58896	2528	< 500	< 500	< 500	< 500	106	210	< 10
E	58897	2008	< 500	< 500	< 500	< 500	60	< 200	< 10
E	58898	5869	< 500	< 500	676	1049	247	< 200	< 10
E	58899	13.10%	696	1874	2.47%	6.61%	905	1658	< 10
E	58900	14.03%	1492	1995	2.55%	6.03%	1994	1692	< 10
E	59001	13.70%	< 500	1033	2.79%	5.14%	680	1200	< 10
E	59002	2.35%	< 500	< 500	1644	1.20%	3745	368	< 10
E	59003	4.66%	< 500	< 500	1707	1.28%	3382	368	< 10
E	59004	1268	< 500	< 500	< 500	< 500	86	< 200	< 10
E	59005	10.54%	< 500	< 500	< 500	< 500	1.05%	4033	< 10
E	59006	10.62%	< 500	< 500	< 500	< 500	9656	3712	< 10
E	59007	6.48%	< 500	< 500	< 500	< 500	6087	4886	< 10
E	59008	6.24%	1184	< 500	< 500	1.43%	734	256	< 10
E	59009	10.04%	2824	< 500	< 500	2.44%	2239	442	< 10
*	0	8066	< 500	< 500	< 500	5114	90	< 200	< 10
*	90	15.52%	5.69%	1.25%	9928	1.27%	4431	861	< 10
**	0	< 500	< 500	< 500	< 500	< 500	< 50	< 200	< 10

037

	SAMPLE	CO	BI	V	MO	SR	LA	Y	BE
E	58890	< 10	< 40	< 10	< 10	22	< 10	< 5	< 5
E	58891	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58892	< 10	< 40	35	< 10	74	31	20	< 5
E	58893	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58894	12	< 40	66	< 10	80	71	21	< 5
E	58895	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58896	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58897	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58898	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58899	< 10	< 40	< 10	< 10	20	22	16	< 5
E	58900	< 10	< 40	< 10	< 10	13	37	23	< 5
E	59001	< 10	< 40	< 10	< 10	10	12	10	< 5
E	59002	< 10	< 40	14	< 10	< 10	16	7	< 5
E	59003	< 10	< 40	29	< 10	11	21	9	< 5
E	59004	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	59005	102	< 40	121	< 10	< 10	12	54	1
E	59006	45	< 40	95	< 10	< 10	< 10	21	1
E	59007	96	< 40	70	< 10	< 10	23	65	1
E	59008	< 10	< 40	10	< 10	11	< 10	< 5	< 5
E	59009	< 10	< 40	34	< 10	29	29	< 5	< 5
*	0	< 10	< 40	< 10	< 10	22	< 10	< 5	< 5
*	90	47	< 40	173	< 10	128	18	12	< 5
**	0	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5

	SAMPLE	CE	ZR	SN
E	58890	< 100	< 10	< 10
E	58891	< 100	< 10	< 10
E	58892	< 100	76	< 10
E	58893	< 100	< 10	< 10
E	58894	< 100	83	< 10
E	58895	< 100	< 10	< 10
E	58896	< 100	< 10	< 10
E	58897	< 100	< 10	< 10
E	58898	< 100	< 10	< 10
E	58899	< 100	81	< 10
E	58900	< 100	92	< 10
E	59001	< 100	51	< 10
E	59002	< 100	58	< 10
E	59003	< 100	62	< 10
E	59004	< 100	< 10	< 10
E	59005	< 100	78	< 10
E	59006	< 100	76	< 10
E	59007	< 100	49	< 10
E	59008	< 100	41	< 10
E	59009	< 100	78	< 10
*	0	< 100	< 10	< 10
*	90	< 100	96	< 10
**	0	< 100	< 10	< 10

5

038

SELTRUST MINING CORPORATION PTY LTD

430039

GEOCHEMICAL ANALYSIS SHEET

Box No. 40316
 Analyst _____
 Date _____
 Analytical Method ICP-1
XRF

PROJECT TASMANIAN TIN LOCATION ROSSARDEN

GRID _____ HOLE No. _____ COORDS _____

SAMPLE TYPE ROCK CHIP SAMPLER J.M. BRADY DATE SAMPLED Nov. 4-13/83

ANALYSE FOR ICP-1 # SN/W RY XRF

48358

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to			S _n	W
1 8/23	E 59010			5,367,900N/569,650E	GREISSEN MUCK	90	20
2 24	E 59011			" "	" "	48	40
3 25	E 59012			" "	" "	40	30
4 26	E 59013			" "	" "	85	15
5 27							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
27	59010						

COPIES TO: G. DUNBAR (ADELAIDE)

A. HARRISON (MELBOURNE)

48358

770

DATE OF ANALYSIS: 28/11/83

SHEET NUMBER -- 40358

SAMPLE	NI	CU	ZN	PB	AS	MN	CR	FE
E 59010	< 10	13	50	201	43	1139	145	2.86%
E 59011	< 10	14	19	86	< 20	622	191	1.76%
E 59012	< 10	28	41	59	654	462	97	5.57%
E 59013	< 10	16	83	396	< 20	1109	98	3.87%
* 10	< 10	13	49	198	41	1117	138	2.77%

SAMPLE	AL2O3	MGO	CAO	NA2O	K2O	TIO2	P2O5	AG
E 59010	11.74%	642	< 500	516	3.94%	232	1000	< 10
E 59011	9.50%	514	< 500	< 500	2.72%	106	800	< 10
E 59012	13.20%	3087	814	717	3.35%	288	6569	< 10
E 59013	12.03%	1066	< 500	< 500	4.06%	137	615	< 10
* 10	11.11%	758	< 500	< 500	3.86%	227	958	< 10

SAMPLE	CO	BI	V	MO	SR	LA	Y	BE
E 59010	< 10	< 40	< 10	< 10	< 10	< 10	< 5	5
E 59011	< 10	< 40	< 10	< 10	16	< 10	< 5	< 5
E 59012	< 10	50	< 10	24	19	< 10	< 5	9
E 59013	< 10	< 40	11	< 10	< 10	< 10	< 5	5
* 10	< 10	< 40	< 10	< 10	< 10	< 10	< 5	5

SAMPLE	CE	ZR	SN
E 59010	< 100	22	83
E 59011	< 100	15	34
E 59012	< 100	38	26
E 59013	< 100	20	77
* 10	< 100	22	82

040

APPENDIX II

Stream Sediment -40 mesh Concentrate
Sample Analytical Data

430042

041

SELTRUST MINING CORPORATION PTY LTD

GEOCHEMICAL ANALYSIS SHEET

Box No. 40107
 Analyst BS
 Date 4/11/83
 Analytical Method AA8
SP2

PROJECT TASMANIAN TIN LOCATION ROSSARDEN

GRID _____ HOLE No. _____ COORDS _____

SAMPLE TYPE STR. SEP. TOth COV SAMPLER J.M. BRADY DATE SAMPLED OCT. 16/83ANALYSE FOR SEMI-QUANTITATIVE Sn/W

48353

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to		S _n	W
1	E 59400			5 377 950 N / 571 000 E	10	410
2	E 59401			5 378 120 N / 570 670 E	10	410
3	E 59402			5 385 280 N / 569 150 E	5	410
4	E 59403			5 384 890 N / 570 040 E	25	410
5	E 59404			5 384 320 N / 569 350 E	25	410
6	E 59405			5 379 440 N / 570 740 E	45	410
7	E 59406			5 379 480 N / 570 750 E	55	410
8	E 59407			5 377 320 N / 567 020 E	35	410
9	E 59408			5 376 440 N / 565 330 E	25	410
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21	BLANK					
10	CONTROL Sn				65	410
11	CONTROL W				50	100
12	E 59400				5	410

John Brady : 40 Four Seasons Great Northern Hotel
 Launceston Tas 7250

COPIES TO: G. DUNBAR (ADELAIDE)
 TR. HAMMOND (MELBOURNE)

48353

APPENDIX III

Stream Sediment -40 mesh
Sample Analytical Data

DATE OF ANALYSIS: 10/11/83

SHEET NUMBER -- 48352

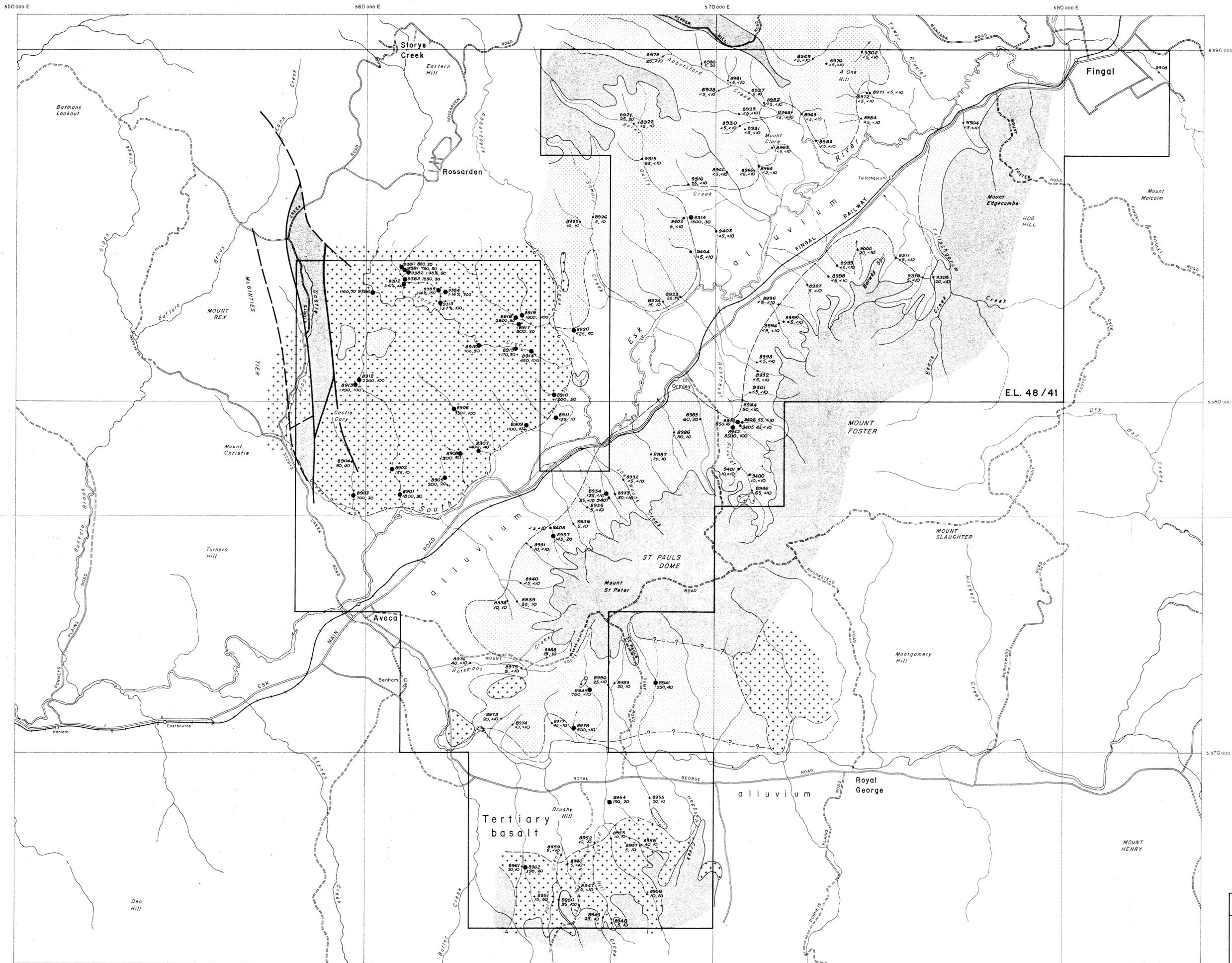
044

	SAMPLE	NI	CU	ZN	PB	AS	MN	CR	FE
E	59451	44	14	44	< 20	< 20	662	231	3.18
E	59452	< 10	< 10	24	< 20	< 20	59	159	873
E	59453	< 10	11	24	30	< 20	201	323	1.40
E	59454	< 10	< 10	17	23	< 20	70	330	1.57
E	59455	19	< 10	11	23	< 20	112	304	1.15
E	59456	13	< 10	37	< 20	< 20	231	276	1.79
E	59457	12	< 10	37	< 20	< 20	153	317	1.58
E	59458	23	11	52	28	< 20	343	308	1.98
E	59459	< 10	< 10	19	< 20	< 20	70	277	783
*	0	< 10	< 10	< 10	< 20	< 20	< 10	< 10	< 50
*	51	44	13	44	< 20	< 20	663	231	3.25
**	0	490	341	1366	416	115	355	460	7.24

	SAMPLE	AL2O3	MGO	CAO	NA2O	K2O	TIO2	P2O5	AG
E	59451	6.27%	2.36%	1.41%	4761	9699	6220	617	< 10
E	59452	3.75%	1749	< 500	1425	8099	3569	368	< 10
E	59453	6.26%	4803	901	1336	1.35%	4098	925	< 10
E	59454	5.22%	2583	< 500	1202	9226	2799	533	< 10
E	59455	5.51%	3180	< 500	751	1.01%	3210	614	< 10
E	59456	6.31%	4753	1213	3389	1.34%	3816	714	< 10
E	59457	6.03%	5095	530	6075	1.39%	3986	790	< 10
E	59458	6.02%	4766	2977	3260	1.28%	3568	806	< 10
E	59459	2.43%	1179	< 500	2261	5959	1985	235	< 10
*	0	< 500	< 500	< 500	< 500	< 500	< 50	< 200	< 10
*	51	6.21%	2.36%	1.40%	4780	9543	6079	625	< 10
**	0	13.32%	5.32%	1.25%	1.21%	1.16%	5107	867	< 10

	SAMPLE	CO	BI	V	MO	SR	LA	Y	BT
E	59451	24	< 40	98	< 10	39	21	11	< 5
E	59452	< 10	< 40	25	< 10	35	15	6	< 5
E	59453	< 10	< 40	36	< 10	42	52	11	< 5
E	59454	< 10	< 40	36	< 10	20	23	8	< 5
E	59455	< 10	< 40	33	< 10	20	30	7	< 5
E	59456	< 10	< 40	39	< 10	43	34	14	< 5
E	59457	< 10	< 40	32	< 10	44	42	15	< 5
E	59458	12	< 40	47	< 10	46	46	21	< 5
E	59459	< 10	< 40	15	< 10	15	< 10	< 5	< 5
*	0	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
*	51	24	< 40	97	< 10	38	23	11	< 5
**	0	43	< 40	165	< 10	122	22	11	< 5

	SAMPLE	CE	ZR	SN
E	59451	< 100	87	< 10
E	59452	< 100	60	< 10
E	59453	< 100	73	< 10
E	59454	< 100	61	< 10
E	59455	< 100	63	< 10
E	59456	< 100	61	< 10
E	59457	< 100	69	< 10
E	59458	< 100	62	< 10
E	59459	< 100	34	< 10
*	0	< 100	< 10	< 10
*	51	< 100	91	< 10
**	0	< 100	97	< 10

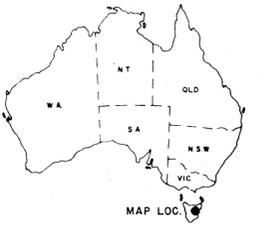
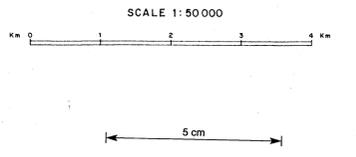


LEGEND

-  PERMIAN - TRIASSIC sediments and JURASSIC dolerite sills
-  Granite
-  Mathinna Beds

- 8983 Sample location and number (all numbers are prefixed E 5)
- 20, <10 Sn, W sample results in ppm
- Indicates anomalous result

E.L. 48/41

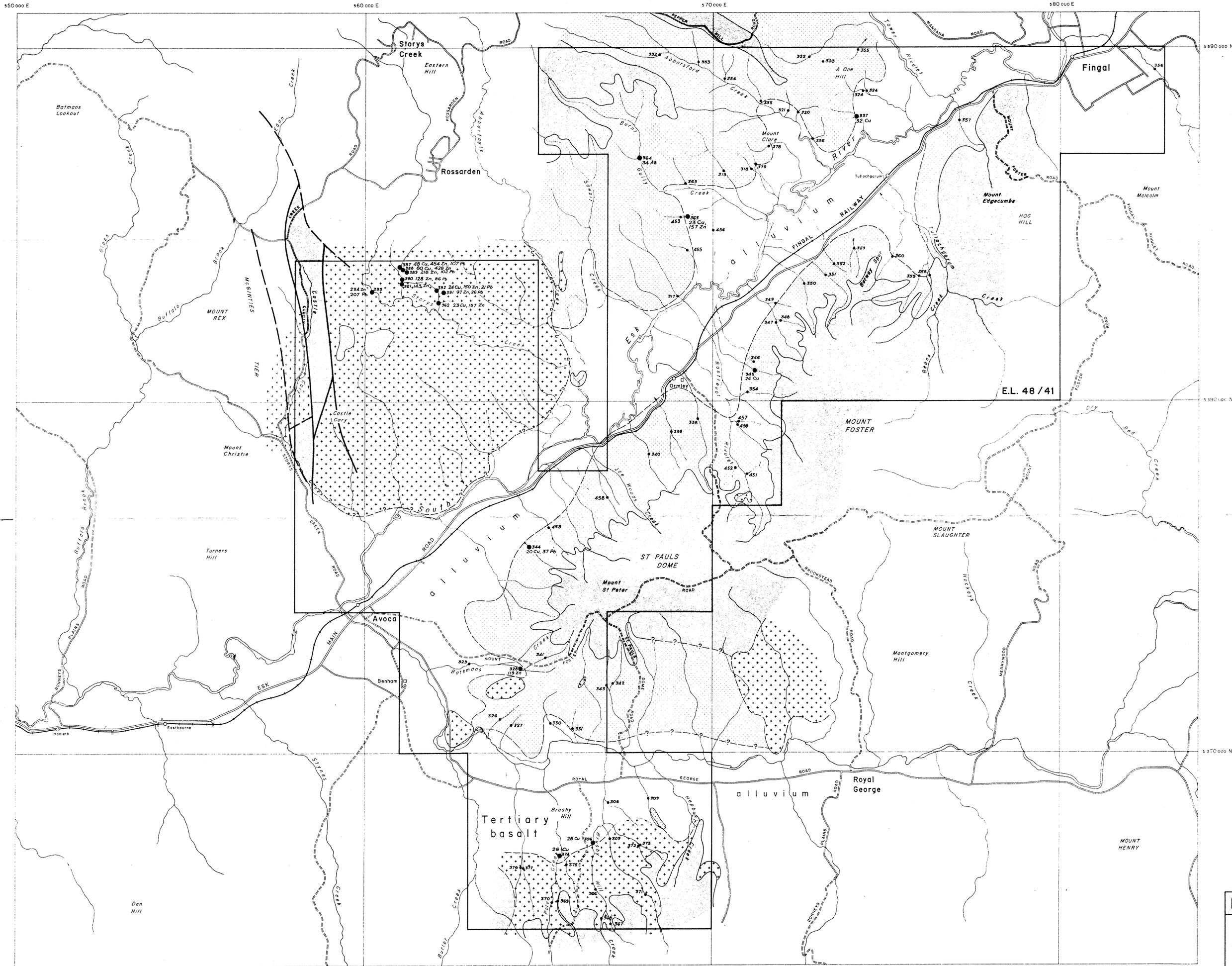


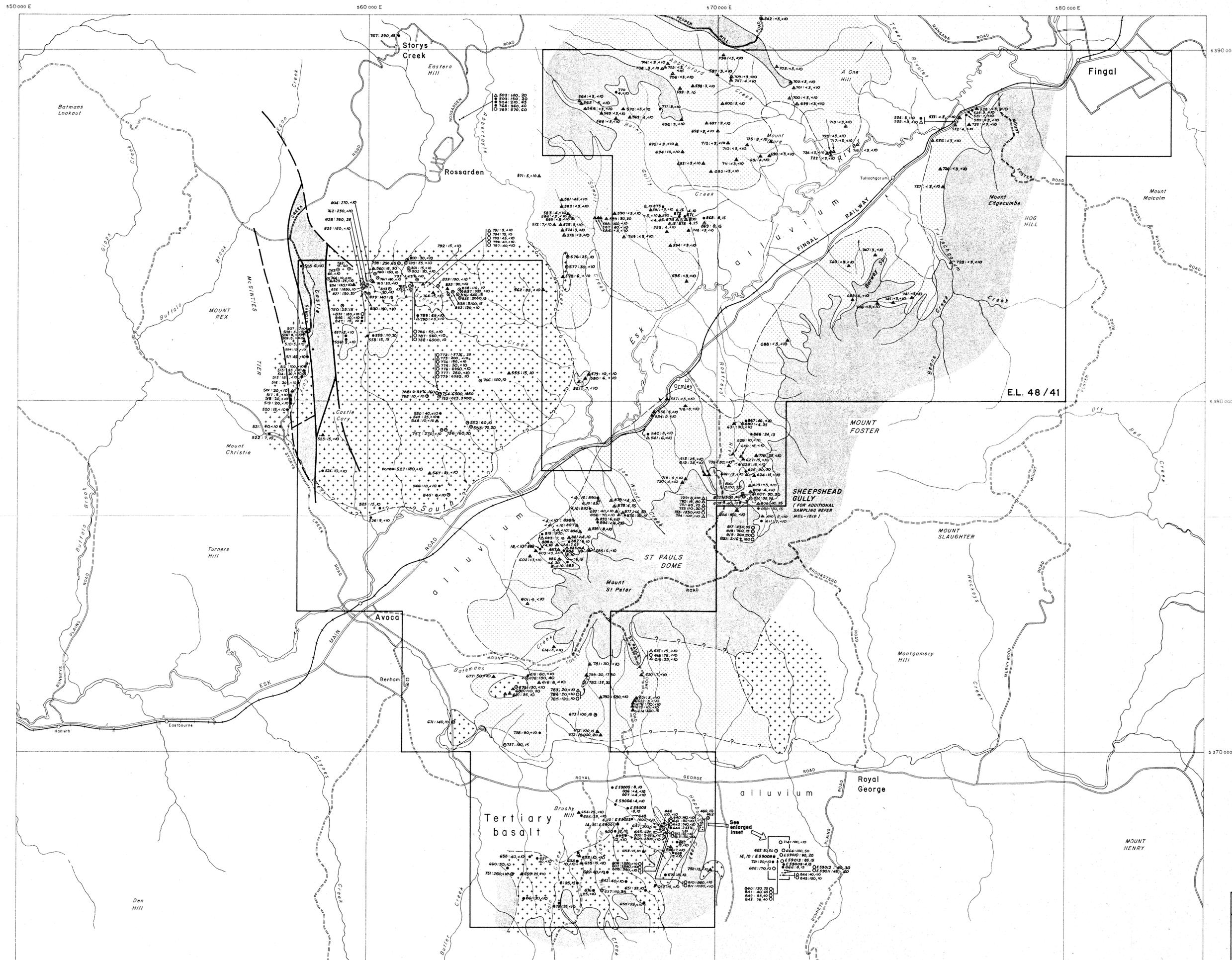
430047 Fig. 2 3232

SELTRUST MINING CORPORATION PTY. LTD.
EXPLORATION DIVISION

ROSSARDEN TIN PROJECT
STREAM SEDIMENT GEOCHEMISTRY
-40* CONCENTRATES ppm Sn,W

COMPILED	G. Bosch & G. Dunbar	April '83	LAST REVISION	R.B.	11-4-84
DRAWN	R. Bottomley	31-5-83	ORIGINAL HELD	MELBOURNE	
CHECKED			DRAWING NUMBER	MEL-966	





LEGEND

PERMIAN - TRIASSIC sediments and JURASSIC dolerite sills

Granite

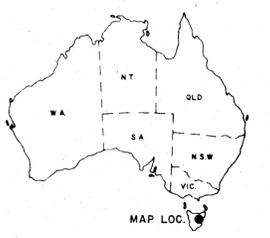
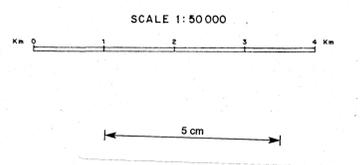
Mathinna Beds

Sample location and number (all numbers are prefixed E50)

Sn, W sample results in ppm

Rock Category:

- ▲ quartz vein
- whole rock
- alteration



430049 Fig. 4 3234

SELTRUST MINING CORPORATION PTY. LTD.
EXPLORATION DIVISION

ROSSARDEN TIN PROJECT
ROCK CHIP GEOCHEMISTRY
ppm Sn, W

COMPILED	G. Bosch & G. Dunbar	April 85	LAST REVISION	R.B.	11-4-84
DRAWN	R. Bottomley	31-5-85	ORIGINAL FIELD	MELBOURNE	
CHECKED			DRAWING NUMBER	MEL-964	

D. DIR.	A.O.	C.G.	E.O.	D.S.M.E.
				Registrat
D. DIR.	1 AUG 1984			E & I L
	DEPT. OF MINES			
REF. No.	8322/84			

BP minerals australia
for
SELTRUST MINING CORPORATION PTY LTD
ROSSARDEN EL 48/81
FINAL EVALUATION OF PROSPECTIVE AREAS

MICROFILMED

OPEN FILE

Identical with Appendix I of 84-2125

J.M. BRADY

December, 1983

CONTENTS

	<u>Page</u>	<u>No.</u>
1. SUMMARY	1	
2. INTRODUCTION	1	
3. PROSPECTIVE AREAS	2	
3.1 Sheepshead Gully	2	
3.2 Rostrevor Rivulet	3	
3.3 Burnt Gully Creek	4	
3.4 The Dog Kennels	5	
3.5 Brushy Hill	6	
3.6 South Brushy Hill	7	
3.7 Roy's Hill Mine	7	
4. CONCLUSIONS	8	

FIGURES

<u>FIG. NO.</u>	<u>TITLE</u>	<u>PLAN NO.</u>
1.	Exploration Licence EL48/81	MEL-1114
2.	Stream Sediment Geochemistry -40# Concentrates ppm Sn, W	MEL-966
3.	Sediment Geochemistry -40# Samples	MEL-965
4.	Rock Chip Geochemistry ppm Sn, W	MEL-964
5.	Sheepshead Gully - Geology and Rock Chip Sampling	MEL-1479

APPENDICES

Appendix 1	Rock Chip Sample Analytical Data
Appendix 2	Stream Sediment -40# Concentrate Sample Analytical Data
Appendix 3	Stream Sediment - 40# Sample Analytical Data

1. SUMMARY

Evaluation of seven prospective areas, Sheepshead Gully/Rostrevor Rivulet/Burnt Gully Creek/The Dog Kennels/Brushy Hill/South Brushy Hill/Roy's Hill Mine, indicated to be prospective by Seltrust Mining Corporation's first exploration phase was undertaken during October and November, 1983.

Results of this follow-up evaluation indicate little potential for the discovery of any economically significant Sn/W deposit in any of these areas.

No further work is recommended for any of the prospect areas.

2. INTRODUCTION

Exploration by Seltrust Mining Corporation Pty Limited undertaken during the period of November, 1982 through March, 1983 consisted mainly of geological mapping at a scale of 1:50,000 in conjunction with extensive rock chip sampling and stream sediment sampling. The geologic targets envisaged for this programme were tin deposits in greisen zones within the Upper Devonian granites or in small granitic intrusives within the Mathinna sediments or as fracture filling stockworks in the brittle Mathinna Beds. The programme and results have been extensively described in "Rossarden EL 48/81 - First Annual Report, 3rd June, 1982 - 2nd June, 1983" by G.J. Dunbar dated November, 1983.

The foregoing exploration programme was successful in locating ten prospective areas which warranted more detailed examination. The purpose of this report is to describe the results of follow-up evaluation of some of these prospective locales undertaken by the writer at intervals during the period of mid-October through mid-November, 1983 through a much more limited programme of rock chip sampling and check -40# stream sediment concentrate sampling.

3. PROSPECTIVE AREAS

3.1 Sheepshead Gully

As shown in Figure 1, the Sheepshead Gully area is located in the central portion of the EL approximately three kilometres southeast of the Ormley Homestead.

Attention was first drawn to the area with anomalous stream sediment -40# panned concentrate sample E58942, which reported 350 ppm Sn and 100 ppm W as shown on Figure 2. Subsequent follow-up, and reference to early Department of Mines geological maps, revealed the presence of a north-westerly trending microgranite body extending over an area of approximately 350 by 120 metres intruded into weakly hornfelsed Mathinna Beds siltstone. Selective rock chip sampling of quartz/tourmaline/muscovite detritus gave up to 2.16% Sn in sample E58820 and 2100 ppm Sn in sample E58816 reportedly taken from an altered granodiorite. Figure 4 details the results of this rock chip sampling.

Observation of the limited microgranite outcrops during this report period indicated that the intrusive, although slightly weathered, is fresh and essentially unaltered. Eighteen rock chip samples of both microgranite outcrop and microgranite detritus or quartz/tourmaline detritus were taken by the writer. Of nine samples taken from unaltered microgranite outcrop, samples E58848 through E58856, the highest Sn and W values were 70 and 30 ppm respectively. Samples of unaltered microgranite detritus, E58858/E58860/E58863, gave highest values of 34 ppm Sn and 45 ppm W. Sampling of the obviously altered detritus which had a maximum diameter of 10 cms, gave values ranging from 50 ppm Sn to 5850 ppm Sn in sample E58859 taken from quartz/tourmaline material. See Figure 5 for details of this sampling.

604

147° 45'

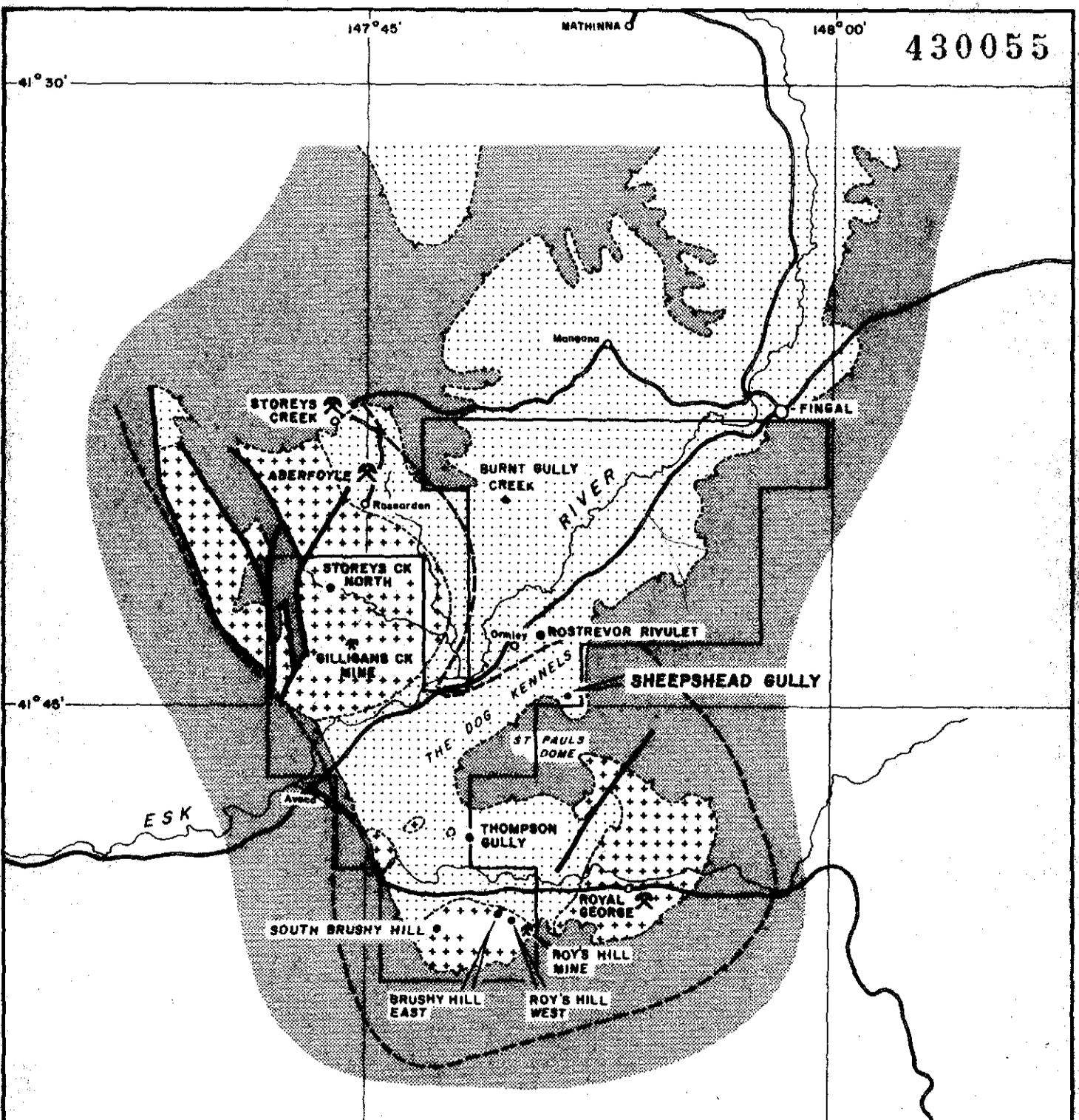
MATHINNA C

148° 00'

430055

41° 30'

41° 45'



LEGEND

-  POST CARBONIFEROUS
-  MATHINNA BEDS
-  GRANITIC ROCKS
-  POSSIBLE LIMIT OF GRANITE PLUTON
INFERRED FROM REGIONAL GRAVITY SURVEY



LOCATION MAP

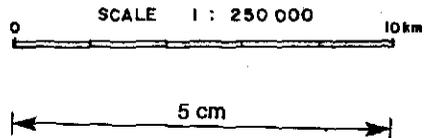


Fig.1

SELTRUST MINING CORPORATION PTY. LTD.
 ROSSARDEN PROJECT
 EXPLORATION LICENCE 48/81
 GEOLOGICAL MAP
 27-7-83 MEL-1114

005

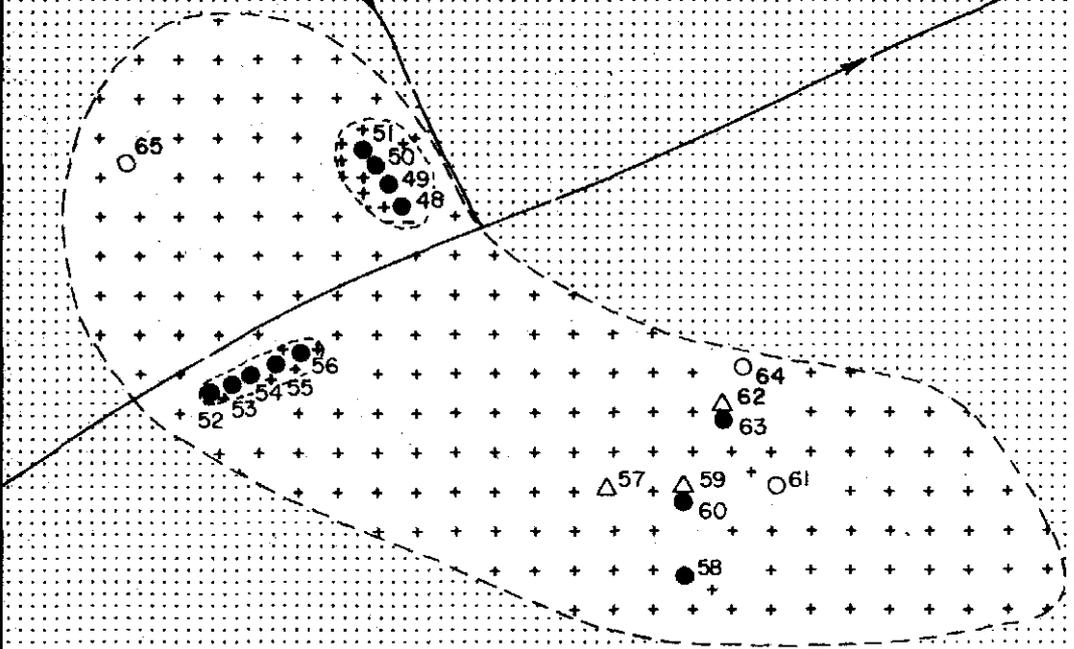
571100m E

430056

5377400m N

5377400m N

ROSTREYOR RIVULET



LEGEND

-  PERMIAN SANDSTONES AND GRITS
-  MICROGRANITE OUTCROP
-  MICROGRANITE LOCAL DEPOSITS
-  MATHINNA BEDS SILTSTONE - LOCALLY WEAKLY SPOTTED
-  INFERRED CONTACT
-  48 WHOLE ROCK CHIP SAMPLE LOCATION
-  57 QUARTZ VEIN CHIP SAMPLE LOCATION
-  61 ALTERATION CHIP SAMPLE LOCATION

N.B. SAMPLE NUMBERS REFER TO E58848 - E58865 SERIES

SCALE 1:2500

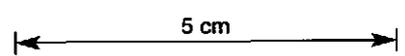
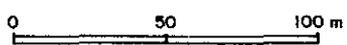


Fig. 5

SELTRUST MINING CORPORATION PTY. LTD.
 ROSSARDEN PROJECT
 SHEEPSHEAD GULLY SKETCH MAP
 GEOLOGY & ROCK CHIP SAMPLING

21-3-84

MEL-1479

It is apparent that although some decidedly anomalous values are present at Sheepshead Gully, such values are restricted to narrow veinlets or zones within a generally barren and unaltered microgranite host, and that there is little potential for the discovery of a significant Sn/W deposit.

3.2 Rostrevor Rivulet

Stream sediment -40# concentrate sample E58943, taken from a small eastern tributary, indicated an anomalous value of 500 ppm Sn and 10 ppm W. Similar sampling by the writer, actually of two streamlets in this drainage with -40# concentrates E59405 and E59406 as shown on Figure 2, gave values of 55 ppm Sn and 45 ppm Sn and less than 10 ppm W.

Ground examination of the drainage up to the Permian-Triassic clastic sediments revealed only barren siltstones and sandstones of the Mathinna Beds and minor quartz vein float in the streams. Rock chip sampling, as shown in Figure 4, indicated only background results for Sn.

The anomalous concentrate value of 45 ppm, as compared to the much higher earlier value of 500 ppm, is not readily explained. However, there is the possibility that this anomaly is caused by cassiterite shedding up stream from a fossil placer deposit located along the unconformity between the Mathinna Beds and Permian-Triassic sediments.

To the south, -40# stream sediment concentrates, E59400 and E59401 were taken in two previously unsampled site tributaries of the Rostrevor Rivulet. Both gave values of only 10 ppm Sn and less than 10 ppm W.

3.3 Burnt Gully Creek

Stream sediment sample E59314, taken from a southern tributary of Burnt Gully Creek in the initial programme, indicated anomalous values of 1500 ppm Sn and 30 ppm W.

Ground examination of the tributary by the writer revealed a weak network of quartz veining approximately 300 metres upstream from the foregoing sample site. The quartz veins are exposed over an area of approximately 30 by 30 metres, have a maximum thickness of 7 centimetres and have a density of approximately 1 vein per metre. The veins are barren of sulphides, and apparently of Sn or W, and are either concordant with the 335° azimuth and vertical dip of the host sandstone quartzite host Mathinna Beds or normal with a vertical dip.

Rock chip samples E58870/E58873/E58874 were taken of the quartz veins and results were disappointingly low with maximum values of 8 ppm Sn and 25 ppm W. Similar samples of the host rock, E58871/E58872, gave maximum values of 6 ppm Sn and 15 ppm W.

Results from stream sediment -40# concentrate sample E59402, are puzzling as the values are only 5 ppm Sn and less than 10 ppm W, as compared to the original value of 1500 ppm Sn and 30 ppm W. Presumably, this disparity must be the result of differences in sampling techniques.

Stream sediment -40# concentrate samples E59403 and E59404 were also taken to the immediate south of the quartz veined area in two previously unsampled minor drainages. Both samples gave less than 5 ppm Sn and less than 10 ppm W.

3.4 The Dog Kennels

The initial programme indicated two anomalous drainages, E58934 and E58937, with 135 ppm and 145 ppm Sn and less than 10 ppm and 20 ppm W respectively in the area south of the main road which drains Saint Paul's Dome. Several quartz veins sampled during that phase encountered anomalous Sn values of upto 70 ppm and W values of up to 65 ppm. In addition a narrow quartz vein, rich in galena, sampled with rock chip sample E58815, proved to contain 500 ppm Sn.

The anomalous drainages were re-sampled with stream sediment -40# concentrate E59407 and E59408 and, in this sampling, proved to contain only 35 and less than 5 ppm Sn and less than 10 ppm W respectively. Again, the disparity with the earlier results is difficult to explain.

All the area between Joe Wood Creek and the E58937/E59408 drainage to the south-west was traversed and quartz vein material, either in outcrop or as float, and selected portions of the Mathinna Beds were rock chip sampled with samples E58876 through E58889 and E58890 through E58896. From the quartz vein material sampling the highest value obtained was 14 ppm Sn and 35 ppm W. The highest values from the Mathinna Beds were 36 ppm Sn and 20 ppm W in sample E58876 taken from a quartzite.

The quartz vein which reportedly has been trenched, sampled by the earlier chip sample E58815, was not located by the writer although considerable time was expended in attempting to find it.

No spotting or hornfelsing of the Mathinna Beds was observed nor were other indications of intrusive activity such as intrusive float observed during the writer's traverses. Possibly remobilised quartz veining in the Mathinna Beds, is weak and only very low Sn/W

values were obtained in chip samples of both the quartz veinlets and the Mathinna Beds. Potential for significant Sn/W mineralisation is, in the opinion of the writer, minimal.

Although the stream sediment concentrate anomalies have not been fully explained, there is the possibility as at the Rostrevor Rivulet, that they are caused by cassiterite shedding upstream from fossil placer deposits along the base of the Permian sediments.

3.5 Brushy Hill

As shown in Figure 2, the earlier stream sediment sampling programme obtained anomalous -40# concentrate values of 130 ppm Sn and 20 ppm W from sample E58954 taken from an eastern side tributary of Brushy Hill Creek.

The writer attempted to re-sample this site but found that an active drainage is not present and, as suitable sediment is not available, could not repeat the sample. The original sample tag could not be located.

Rock chip samples E59003 and E59004 taken from quartz float in the area of the "drainage" gave values of 8 ppm and 4 ppm Sn and 10 ppm and less than 10 ppm W respectively. A sample of highly weathered granite outcrop, rock chip E59002, gave 6 ppm Sn and 10 ppm W. Samples E58899/E58900/E58901 taken from fresh granite outcrop from the next drainage to the south gave maximum values of 14 ppm Sn and 15 ppm W.

Although it was not possible to repeat the anomalous stream sediment concentrate sample, based on field observation and the limited rock chip sampling undertaken, the area of the drainage appears to offer little potential.

3.6 South Brushy Hill

In the extreme south of the EL, stream sediment -40# concentrate sample E58962 gave anomalous values of 350 ppm Sn and 20 ppm W. Follow-up by the writer revealed this drainage, in the area where the sample was originally taken, to be deeply incised into the thick soil of the valley floor and inactive. The drainage eventually is lost in massive, pink, barren granite to the south and no sediment suitable for sampling could be located throughout its course.

The source of the original anomaly has yet to be explained. However, it appears questionable that the original stream sediment concentrate was taken from this drainage and it may be that the sample location is incorrectly placed.

3.7 Roy's Hill Mine

The Roy's Hill Mine workings consist of an arcuate north-trending system of pits and trenches along the contact between greisenized granite and the Mathinna Beds over a distance of approximately 210 metres. Rock chip sampling by the earlier Seltrust programme of the greisen zone, at least 2 metres thick, gave values of up to 460 ppm Sn. However, most values sampled from 75 to 170 pm Sn.

With the exception of rock chip sample E59008 of basal Permian grit outcrop taken from the main workings which gave 14 ppm Sn and 10 ppm W, the writer's rock chips samples were taken from a series of pits 30 to 70 metres to the east. Rock chip sample E59009 gave 4 ppm Sn and 15 ppm W. Four other rock chip samples, all of greisen material taken from the mullock piles around the pits, E59010 through E59013, gave values ranging from 40 to 90 ppm Sn and 15 to 40 ppm W.

The pattern of workings and outcrops where exposed indicates that the intrusion represents a recently "de-roofed" elliptical cupola, 210 metres long and 30 to 70 metres wide, which would seem to be an ideal target for localization of Sn/W mineralisation. However, the consistently low Sn and W values in the greisen, although anomalous from both periods of Seltrust's examination and the lack of other models of mineralisation other than greisen, such as quartz stockworks either in the granite or the Mathinna Beds, indicate the Roy's Hill Mine prospect to have little potential for significant Sn/W deposits.

4. CONCLUSIONS

Follow-up evaluation of areas indicated to be prospective by Seltrust Mining Corporation's initial phase of examination indicate that the Sheepshead Gully, Rostrevor Rivulet, Burnt Gully Creek, The Dog Kennels and Roy's Hill Mine prospects all offer little potential for the discovery of economically significant Sn/W deposits.

Although anomalous stream sediment -40# concentrate samples at Brushy Hill and South Brushy Hill could not be repeated, the writer observed nothing in these areas to suggest the presence of significant Sn/W mineralisation.

No further work is recommended for any of the aforementioned prospects.

APPENDIX I

Rock Chips Sample Analytical Data

25

013

SELTRUST MINING CORPORATION PTY LTD

GEOCHEMICAL ANALYSIS SHEET

Box No. 40192
 Analyst _____
 Date _____
 Analytical Method _____
ICP-1
XRF

PROJECT TASMANIAN TIN LOCATION ROSSARDEN

GRID _____ HOLE No. _____ COORDS _____

SAMPLE TYPE ROCK CHIP SAMPLER J.M. BRADY DATE SAMPLED OCT. 15/83

ANALYSE FOR ICP-1 & SN/W BY XRF

48351

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to		Sn	W
1	H/45 E 58848			5,377,430N/570,750E UNALTERED MICROGRANITE OK	32	30
2	46 E 58849			" " "	28	20
3	47 E 58850			" " "	36	30
4	48 E 58851			" " "	70	25
5	49 E 58852			5,377,380N/570,700E " " "	18	25
6	50 E 58853			" " "	16	10
7	75/1 E 58854			" " "	14	35
8	2 E 58855			" " "	14	20
9	3 E 58856			" " "	16	40
10	4 E 58857			5,377,280N/570,850E QUARTZ/TOURMALINE VEIN DETRITUS	230	45
11	5 E 58858			" " UNALTERED GRANITE DETRITUS	18	30
12	6 E 58859			" " QUARTZ/TOURMALINE VEIN DETRITUS	9300	45
13	7 E 58860			" " UNALTERED MICROGRANITE DETRITUS	24	25
14	8 E 58861			" " TOURMALINIZED MICROGRANITE DETRITUS	50	35
15	9 E 58862			" " QUARTZ/TOURMALINE VEIN DETRITUS	270	20
16	10 E 58863			" " UNALTERED MICROGRANITE DETRITUS	34	20
17	11 E 58864			" " TOURMALINIZED MICROGRANITE DETRITUS	85	80
18	12 E 58865			5,377,430N/570,700E SILICEOUS MICROGRANITE DETRITUS	5850	130
19	13 E 58866			5,379,070N/571,050E WEAKLY SPOTTED SILTSTONE	24	15
20	14 E 58867			5,379,590N/570,900E POORLY IMPURATED SANDSTONE	46	<10
15	Blank					
16	E 58848	lep				
17	Control					

430064

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B. HAMMOND (MELBOURNE)

48351

268

DATE OF ANALYSIS: 10/11/83

SHEET NUMBER -- 48351

SAMPLE	NI	CU	ZN	PB	AS	MN	CR	FE
E 58848	84	24	31	< 20	< 20	228	154	1.31%
E 58849	32	< 10	31	< 20	< 20	311	154	1.67%
E 58850	19	< 10	35	< 20	< 20	286	176	2.01%
E 58851	< 10	12	28	< 20	< 20	228	134	1.24%
E 58852	< 10	< 10	40	< 20	< 20	244	145	1.38%
E 58853	< 10	< 10	34	< 20	< 20	236	173	1.57%
E 58854	< 10	< 10	27	< 20	< 20	298	121	1.17%
E 58855	< 10	< 10	27	< 20	< 20	231	161	1.32%
E 58856	< 10	< 10	23	< 20	< 20	234	129	1.17%
E 58857	< 10	15	76	< 20	30	569	112	2.83%
E 58858	10	< 10	27	< 20	< 20	366	163	1.45%
E 58859	< 10	< 10	29	< 20	< 20	268	219	1.18%
E 58860	< 10	< 10	20	< 20	< 20	248	152	1.24%
E 58861	< 10	< 10	26	< 20	< 20	310	88	1.19%
E 58862	< 10	< 10	27	< 20	< 20	382	159	1.04%
E 58863	< 10	< 10	31	< 20	< 20	338	118	1.29%
E 58864	14	14	69	< 20	< 20	287	178	2.49%
E 58865	< 10	168	82	< 20	852	445	176	3.74%
E 58866	18	< 10	37	< 20	22	198	134	2.16%
E 58867	13	< 10	71	50	48	118	183	2.71%
X 0	< 10	< 10	< 10	< 20	< 20	< 10	< 10	< 500
48	84	22	30	< 20	< 20	237	159	1.38%
0	478	347	1425	428	101	408	477	8.11%

SAMPLE	AL2O3	MGO	CAO	NA2O	K2O	TIO2	P2O5	AG
E 58848	13.81%	637	2128	3.02%	4.92%	289	3202	< 10
E 58849	13.86%	< 500	3027	3.43%	4.60%	323	4118	< 10
E 58850	13.13%	< 500	1935	3.10%	4.03%	273	2800	< 10
E 58851	13.86%	< 500	1700	2.82%	4.90%	304	2829	< 10
E 58852	13.66%	585	3517	2.81%	4.70%	320	3960	< 10
E 58853	13.33%	< 500	2690	2.76%	5.00%	269	3648	< 10
E 58854	13.33%	< 500	2742	3.23%	4.18%	361	3729	< 10
E 58855	13.52%	< 500	3347	3.04%	4.47%	258	3462	< 10
E 58856	14.06%	< 500	2524	3.73%	4.52%	270	3504	< 10
E 58857	15.25%	< 500	5580	1160	4.82%	87	7096	< 10
E 58858	14.40%	567	2200	3.81%	4.35%	317	3509	< 10
E 58859	5.10%	< 500	1029	< 500	1.67%	78	1579	< 10
E 58860	14.09%	< 500	1524	3.64%	4.80%	265	2981	< 10
E 58861	14.01%	521	2791	3.22%	4.59%	327	4436	< 10
E 58862	4.88%	< 500	8103	< 500	1.58%	82	1.10%	< 10
E 58863	14.52%	564	2651	3.01%	4.20%	252	3962	< 10
E 58864	7.78%	1654	3468	7109	8417	209	4423	< 10
E 58865	11.58%	< 500	3818	1558	3.12%	160	5808	< 10
E 58866	7.75%	9624	1205	6120	2.32%	4963	1242	< 10
E 58867	8.85%	4775	< 500	8953	3.00%	3631	702	< 10
X 0	613	< 500	< 500	< 500	< 500	< 50	< 200	< 10
48	14.95%	692	2260	3.08%	5.01%	289	3270	< 10
0	15.51%	5.67%	1.28%	1.05%	1.27%	5619	922	< 10

15

SAMPLE	CO	RI	V	MO	SR	LA	Y	BE
58848	< 10	< 40	< 10	< 10	45	< 10	7	7
58849	< 10	< 40	< 10	< 10	22	< 10	9	< 5
58850	< 10	< 40	< 10	< 10	30	< 10	6	6
58851	< 10	< 40	< 10	< 10	53	< 10	6	< 5
58852	< 10	< 40	< 10	< 10	40	< 10	12	10
58853	< 10	< 40	< 10	< 10	36	< 10	13	< 5
58854	< 10	< 40	< 10	< 10	30	< 10	9	< 5
58855	< 10	< 40	< 10	< 10	36	< 10	10	9
58856	< 10	< 40	< 10	< 10	24	< 10	9	11
58857	< 10	46	< 10	< 10	11	< 10	< 5	< 5
58858	< 10	< 40	< 10	< 10	74	< 10	8	< 5
58859	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
58860	< 10	< 40	< 10	< 10	29	< 10	< 5	< 5
58861	< 10	< 40	< 10	< 10	16	< 10	8	< 5
58862	< 10	< 40	< 10	< 10	22	< 10	6	< 5
58863	< 10	< 40	< 10	< 10	24	< 10	9	< 5
58864	< 10	87	< 10	< 10	11	< 10	6	< 5
58865	< 10	72	< 10	< 10	15	< 10	< 5	< 5
58866	< 10	< 40	39	< 10	45	53	16	< 5
58867	< 10	< 40	32	< 10	102	< 10	8	< 5
0	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
48	< 10	< 40	< 10	< 10	48	< 10	7	7
0	48	< 40	174	< 10	130	23	13	< 5

SAMPLE	CE	ZR	SN
58848	< 100	37	< 10
58849	< 100	37	< 10
58850	< 100	22	< 10
58851	< 100	45	< 10
58852	< 100	39	< 10
58853	< 100	35	< 10
58854	< 100	25	< 10
58855	< 100	34	< 10
58856	< 100	28	< 10
58857	< 100	< 10	228
58858	< 100	36	< 10
58859	< 100	< 10	183
58860	< 100	28	< 10
58861	< 100	14	< 10
58862	< 100	< 10	62
58863	< 100	30	< 10
58864	< 100	23	18
58865	< 100	27	283
58866	< 100	152	< 10
58867	< 100	95	12
0	< 100	< 10	< 10
48	< 100	38	< 10
0	< 100	112	< 10

DATE OF ANALYSIS: 10/11/83

SHEET NUMBER - 48354

SAMPLE	NI	CU	ZN	PB	AS	MN	CR	FE
58868	< 10	< 10	46	24	21	51	155	1.82%
58869	< 10	< 10	< 10	< 20	< 20	41	320	7771
58870	< 10	< 10	37	< 20	< 20	49	278	1.58%
58871	< 10	< 10	< 10	< 20	< 20	50	255	9171
58872	< 10	< 10	41	25	< 20	50	216	3.94%
58873	< 10	< 10	18	< 20	< 20	38	336	1.50%
58874	< 10	< 10	15	< 20	24	34	278	2.26%
58875	< 10	< 10	< 10	< 20	< 20	77	188	7938
58876	< 10	< 10	22	< 20	< 20	165	370	2.03%
58877	< 10	< 10	24	< 20	< 20	104	298	8790
58878	< 10	< 10	16	< 20	< 20	85	293	9771
58879	< 10	< 10	< 10	< 20	< 20	31	270	4684
58880	< 10	< 10	< 10	< 20	< 20	48	380	7076
58881	< 10	< 10	< 10	< 20	< 20	31	297	4635
58882	11	< 10	37	< 20	< 20	206	200	2.44%
58883	< 10	< 10	< 10	< 20	< 20	35	248	5962
58884	99	< 10	49	< 20	< 20	105	180	1.98%
58885	31	< 10	79	29	< 20	265	145	4.18%
58886	< 10	< 10	< 10	< 20	< 20	29	252	4534
58887	< 10	< 10	< 10	< 20	< 20	45	369	6755
68	< 10	< 10	44	25	< 20	48	153	1.81%

SAMPLE	AL2O3	MGO	CAO	NA2O	K2O	TIO2	P2O5	AG
58868	8.73%	5620	< 500	1.29%	2.05%	4234	643	< 10
58869	2314	< 500	< 500	< 500	< 500	73	< 200	< 10
58870	2.32%	1089	< 500	< 500	7447	688	618	< 10
58871	4.00%	1459	< 500	< 500	1.06%	1942	313	< 10
58872	5.76%	2581	< 500	< 500	1.50%	1635	1682	< 10
58873	1.11%	< 500	< 500	< 500	1887	258	493	< 10
58874	5981	< 500	< 500	< 500	< 500	230	347	< 10
58875	5.30%	3127	< 500	< 500	1.53%	3169	574	< 10
58876	6.61%	5874	2197	1.48%	1.84%	5769	2069	< 10
58877	1.45%	2852	2104	< 500	3297	484	509	< 10
58878	1.81%	1403	600	2720	6554	982	555	< 10
58879	7255	< 500	< 500	2449	< 500	268	< 200	< 10
58880	1508	< 500	< 500	< 500	< 500	< 50	< 200	< 10
58881	3917	< 500	< 500	505	< 500	61	< 200	< 10
58882	7.92%	9802	2001	1.22%	1.87%	5136	1420	< 10
58883	3650	< 500	< 500	< 500	1366	131	< 200	< 10
58884	7.29%	1.01%	1658	4008	2.21%	5239	2280	< 10
58885	14.02%	1.79%	1812	5320	4.21%	7998	1963	< 10
58886	3183	< 500	< 500	667	< 500	108	< 200	< 10
58887	4494	< 500	< 500	< 500	1368	416	< 200	< 10
68	8.65%	5628	< 500	1.29%	2.04%	4300	638	< 10

018

	SAMPLE	CO	HI	V	MO	SR	LA	Y	FE
E	58868	< 10	< 40	38	< 10	91	28	7	< 5
E	58869	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58870	< 10	< 40	13	< 10	< 10	< 10	< 5	< 5
E	58871	< 10	< 40	22	< 10	12	24	5	< 5
E	58872	< 10	< 40	24	< 10	14	32	6	< 5
E	58873	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58874	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58875	< 10	< 40	31	< 10	45	39	8	< 5
E	58876	< 10	< 40	35	< 10	98	< 10	9	< 5
E	58877	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58878	< 10	< 40	11	< 10	51	< 10	< 5	< 5
E	58879	< 10	< 40	< 10	< 10	11	< 10	< 5	< 5
E	58880	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58881	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58882	< 10	< 40	41	< 10	50	< 10	9	< 5
E	58883	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58884	< 10	< 40	41	< 10	34	35	16	< 5
E	58885	13	< 40	80	< 10	54	37	12	< 5
E	58886	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E	58887	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
*	68	< 10	< 40	38	< 10	89	28	7	< 5

	SAMPLE	CE	ZR	SN
E	58868	< 100	99	< 10
E	58869	< 100	< 10	< 10
E	58870	< 100	18	< 10
E	58871	< 100	62	< 10
E	58872	< 100	58	< 10
E	58873	< 100	< 10	< 10
E	58874	< 100	< 10	< 10
E	58875	< 100	128	< 10
E	58876	< 100	184	< 10
E	58877	< 100	11	< 10
E	58878	< 100	27	< 10
E	58879	< 100	< 10	< 10
E	58880	< 100	< 10	< 10
E	58881	< 100	< 10	< 10
E	58882	< 100	74	< 10
E	58883	< 100	< 10	< 10
E	58884	< 100	110	< 10
E	58885	< 100	69	< 10
E	58886	< 100	< 10	< 10
E	58887	< 100	18	< 10
*	68	< 100	96	< 10

3

4019

SELTRUST MINING CORPORATION PTY LTD

GEOCHEMICAL ANALYSIS SHEET

Box No. 40193
 Analyst _____
 Date _____
 Analytical Method _____
ICP
XRF

PROJECT TARMAJIAN TIN LOCATION ROSSARDEN
 GRID _____ HOLE No. _____ COORDS _____
 SAMPLE TYPE ROCK CHIP SAMPLER D. M. BRADY DATE SAMPLED OCT. 24/88
 ANALYSE FOR ICP-A & S/W RY XRF

48356

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to			S _w	W
1	39 E 58888			5,376,030N/565400E	QUARTZ VEIN FLOAT	<4	30
2	40 E 58889			5,375,830N/565000E	QUARTZITE OUCTRAP	18	<10
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
	41 E 58888	rep.					

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 B. HAMMOND (MELBOURNE)

48356

268

430070

DATE OF ANALYSIS: 10/11/83

SHEET NUMBER -- 48356

SAMPLE	NI	CU	ZN	PB	AS	MN	CR	FE
58888	< 10	< 10	< 10	< 20	< 20	24	281	3655
E 58889	16	< 10	45	< 20	< 20	203	302	2.84%
88	< 10	< 10	< 10	< 20	< 20	25	287	3880

SAMPLE	AL2O3	MGO	CAD	NA2O	K2O	TIO2	P2O5	AG
E 58888	< 500	< 500	< 500	< 500	< 500	< 50	< 200	< 10
58889	8.79%	1.02%	1925	8973	2.53%	6053	1894	< 10
88	1195	< 500	< 500	< 500	< 500	< 50	< 200	< 10

SAMPLE	CO	BI	V	MO	SR	LA	Y	BE
58888	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
58889	< 10	< 40	50	< 10	68	16	10	< 5
88	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5

SAMPLE	CE	ZR	SN
58888	< 100	< 10	< 10
E 58889	< 100	114	< 10
* 88	< 100	< 10	< 10

GEOCHEMICAL ANALYSIS SHEET

Box No. 40316
 Analyst _____
 Date _____
 Analytical Method ICP-1
XRF

PROJECT TASMANIAN TIN LOCATION ROSSGARDEN

GRID _____ HOLE No. _____ COORDS _____

SAMPLE TYPE ROCK CHIP SAMPLER J.M. BRADY DATE SAMPLED NOV. 11-13/83ANALYSE FOR ICP-1 # SN/W BY XRF

48357

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to		S _n	W
1	H150 E 58890			5,377,210N/566,650E QUARTZ VEIN FLOAT	24	<10
2	B11 E 58891			5,377,210N/566,650E " " "	6	<10
3	E 58892			5,376,990N/566,440E UNALTERED SILTSTONE %	6	10
4	E 58893			5,376,700N/566,600E QUARTZ VEIN FLOAT	6	<10
5	E 58894			5,376,661N/566,630E UNALTERED SILTSTONE %	24	<10
6	E 58895			5,376,390N/566,400E QUARTZ VEIN FLOAT	8	<10
7	E 58896			5,376,310N/566,130E " " "	24	<10
8	E 58897			5,376,490N/566,040E 10CM QTZ. VEIN IN QUARTZITE	24	<10
9	E 58898			5,376,440N/565,940E 6CM QTZ. VEIN IN QUARTZITE	24	<10
10	E 58899			5,367,620N/567,460E GRANITE OUTCROP	12	<10
11	E 58900			5,367,720N/567,180E " " "	12	10
12	E 59001			5,367,930N/567,240E " " "	14	15
13	E 59002			5,368,070N/567,640E HIGHLY WEATHERED GR. %	6	10
14	E 59003			5,368,380N/567,530E " " " "	8	10
15	E 59004			5,368,500N/567,180E QUARTZ VEIN FLOAT	4	<10
16	E 59005			5,368,960N/567,100E GOSSAN/LATERITE CORRALS	8	10
17	E 59006			5,368,960N/567,100E " " "	24	10
18	E 59007			5,368,960N/567,100E " " "	24	<10
19	E 59008			5,367,900N/569,650E PERMIAN BASAL CRIT O/C	14	10
20	E 59009			" " UNALTERED SILTSTONE %	4	15
21	E 58890					
22	control					
23	blank					

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 B. HAMMOND (MELBOURNE)

48357

330

430072

DATE OF ANALYSIS: 29/11/83

SHEET NUMBER -- 48357

SAMPLE	NI	CU	ZN	PB	AS	MN	CR	FE
E 58890	< 10	< 10	< 10	< 20	< 20	51	220	6675
E 58891	< 10	< 10	< 10	< 20	< 20	41	319	5143
E 58892	< 10	28	49	29	< 20	148	189	2.32%
E 58893	< 10	< 10	< 10	< 20	< 20	56	323	8562
E 58894	19	15	64	43	< 20	304	111	4.39%
E 58895	< 10	< 10	< 10	< 20	< 20	42	306	5623
E 58896	< 10	< 10	< 10	< 20	< 20	27	278	6024
E 58897	< 10	< 10	< 10	< 20	< 20	38	323	5381
E 58898	< 10	< 10	< 10	< 20	< 20	47	261	5731
E 58899	< 10	< 10	37	25	< 20	196	157	1.55%
E 58900	< 10	< 10	69	30	< 20	340	174	2.30%
E 59001	< 10	< 10	32	23	< 20	188	174	1.50%
E 59002	< 10	< 10	< 10	< 20	< 20	65	265	6652
E 59003	< 10	< 10	< 10	< 20	< 20	45	192	1.13%
E 59004	< 10	< 10	< 10	< 20	< 20	28	260	4087
E 59005	99	112	464	< 20	65	677	188	44.10%
E 59006	62	136	406	< 20	65	309	149	45.53%
E 59007	136	133	257	< 20	79	1425	113	48.54%
E 59008	< 10	< 10	< 10	21	< 20	46	236	1.73%
E 59009	< 10	16	22	34	< 20	35	152	3.35%
* 0	< 10	< 10	< 10	< 20	< 20	51	347	6792
* 90	468	355	1433	409	103	388	458	8.05%
** 0	< 10	< 10	< 10	< 20	< 20	< 10	< 10	< 500

SAMPLE	AL2O3	MGO	CAO	NA2O	K2O	TIO2	P2O5	AG
E 58890	7646	< 500	< 500	620	4997	91	521	< 10
E 58891	2212	< 500	< 500	< 500	724	< 50	< 200	< 10
E 58892	9.97%	9047	1538	1.08%	2.84%	4081	1488	< 10
E 58893	1093	< 500	< 500	< 500	2269	60	< 200	< 10
E 58894	14.81%	1.76%	1206	1.77%	4.84%	6901	1224	< 10
E 58895	1823	< 500	< 500	< 500	< 500	82	< 200	< 10
E 58896	2528	< 500	< 500	< 500	< 500	106	210	< 10
E 58897	2008	< 500	< 500	< 500	< 500	60	< 200	< 10
E 58898	5869	< 500	< 500	676	1049	247	< 200	< 10
E 58899	13.10%	696	1874	2.47%	6.61%	905	1658	< 10
E 58900	14.03%	1492	1995	2.55%	6.03%	1994	1692	< 10
E 59001	13.70%	< 500	1033	2.79%	5.14%	680	1200	< 10
E 59002	2.35%	< 500	< 500	1644	1.20%	3745	368	< 10
E 59003	4.66%	< 500	< 500	1707	1.28%	3382	368	< 10
E 59004	1268	< 500	< 500	< 500	< 500	86	< 200	< 10
E 59005	10.54%	< 500	< 500	< 500	< 500	1.05%	4033	< 10
E 59006	10.62%	< 500	< 500	< 500	< 500	9656	3712	< 10
E 59007	6.48%	< 500	< 500	< 500	< 500	6087	4086	< 10
E 59008	6.24%	1184	< 500	< 500	1.43%	734	256	< 10
E 59009	10.04%	2824	< 500	< 500	2.44%	2239	442	< 10
* 0	8066	< 500	< 500	< 500	5114	90	< 200	< 10
* 90	15.52%	5.69%	1.25%	9928	1.27%	4431	861	< 10
** 0	< 500	< 500	< 500	< 500	< 500	< 50	< 200	< 10

023

SAMPLE	CO	BI	V	MO	SR	LA	Y	BE
E 58890	< 10	< 40	< 10	< 10	22	< 10	< 5	< 5
E 58891	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E 58892	< 10	< 40	35	< 10	74	31	20	< 5
E 58893	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E 58894	12	< 40	66	< 10	80	71	21	< 5
E 58895	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E 58896	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E 58897	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E 58898	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E 58899	< 10	< 40	< 10	< 10	20	22	16	< 5
E 58900	< 10	< 40	< 10	< 10	13	37	23	8
E 59001	< 10	< 40	< 10	< 10	10	12	10	< 5
E 59002	< 10	< 40	14	< 10	< 10	16	7	< 5
E 59003	< 10	< 40	29	< 10	11	21	9	< 5
E 59004	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
E 59005	102	< 40	121	< 10	< 10	12	54	16
E 59006	45	< 40	95	< 10	< 10	< 10	21	16
E 59007	96	< 40	70	< 10	< 10	23	65	17
E 59008	< 10	< 40	10	< 10	11	< 10	< 5	< 5
E 59009	< 10	< 40	34	< 10	29	29	< 5	< 5
* 0	< 10	< 40	< 10	< 10	22	< 10	< 5	< 5
* 90	47	< 40	173	< 10	128	18	12	< 5
** 0	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5

SAMPLE	CE	ZR	SN
E 58890	< 100	< 10	< 10
E 58891	< 100	< 10	< 10
E 58892	< 100	76	< 10
E 58893	< 100	< 10	< 10
E 58894	< 100	83	< 10
E 58895	< 100	< 10	< 10
E 58896	< 100	< 10	< 10
E 58897	< 100	< 10	< 10
E 58898	< 100	< 10	< 10
E 58899	< 100	81	< 10
E 58900	< 100	92	< 10
E 59001	< 100	51	< 10
E 59002	< 100	58	< 10
E 59003	< 100	62	< 10
E 59004	< 100	< 10	< 10
E 59005	< 100	78	< 10
E 59006	< 100	76	< 10
E 59007	< 100	49	< 10
E 59008	< 100	41	< 10
E 59009	< 100	76	< 10
* 0	< 100	< 10	< 10
* 90	< 100	96	< 10
** 0	< 100	< 10	< 10

GEOCHEMICAL ANALYSIS SHEET

Box No 40316
 Analyst _____
 Date _____
 Analytical Method _____
ICP-1
XRF

PROJECT TASMANIAN TIN LOCATION ROSSARDEN
 GRID _____ HOLE No. _____ COORDS _____
 SAMPLE TYPE ROCK CHIP SAMPLER J.M. BRADY DATE SAMPLED NOV. 11-13/83
 ANALYSE FOR ICP-1 & SN/W BY XRF

48358

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to			Sn	W
1 8/23	E 59010			5,367,900N/569,650E	GREISSEN MUCK	90	20
2 24	E 59011			" "	" "	48	40
3 25	E 59012			" "	" "	40	30
4 26	E 59013			" "	" "	85	15
5 27							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
27	59010						

430075

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 B. HAMMOND (MELBOURNE)

48358

330

DATE OF ANALYSIS: 28/11/83

SHEET NUMBER --- 48358

SAMPLE	NI	CU	ZN	PB	AS	MN	CR	FE
E 59010	< 10	13	50	201	43	1139	145	2.86%
E 59011	< 10	14	19	86	< 20	622	191	1.76%
E 59012	< 10	28	41	59	654	462	97	5.57%
E 59013	< 10	16	83	396	< 20	1109	98	3.87%
* 10	< 10	13	49	198	41	1117	138	2.77%

SAMPLE	AL2O3	MGO	CAO	NA2O	K2O	TIO2	P2O5	AG
E 59010	11.74%	642	< 500	516	3.94%	237	1000	< 10
E 59011	9.50%	514	< 500	< 500	2.72%	106	880	< 10
E 59012	13.20%	3087	814	717	3.35%	288	6569	< 10
E 59013	12.03%	1066	< 500	< 500	4.06%	137	615	< 10
* 10	11.11%	758	< 500	< 500	3.86%	227	958	< 10

SAMPLE	CO	BI	V	MO	SR	LA	Y	BE
E 59010	< 10	< 40	< 10	< 10	< 10	< 10	< 5	5
E 59011	< 10	< 40	< 10	< 10	16	< 10	< 5	< 5
E 59012	< 10	50	< 10	24	19	< 10	< 5	9
E 59013	< 10	< 40	11	< 10	< 10	< 10	< 5	5
* 10	< 10	< 40	< 10	< 10	< 10	< 10	< 5	5

SAMPLE	CE	ZR	SN
E 59010	< 100	22	83
E 59011	< 100	15	34
E 59012	< 100	38	26
E 59013	< 100	20	77
* 10	< 100	22	82

APPENDIX II

Stream Sediment -40 mesh Concentrate
Sample Analytical Data

026

SELTRUST MINING CORPORATION PTY LTD

GEOCHEMICAL ANALYSIS SHEET

Box No. 40107
 Analyst BS
 Date 4/11/83
 Analytical Method AA8
SP2

PROJECT TASMANIAN TIN LOCATION ROSSARDEN

GRID _____ HOLE No. _____ COORDS _____

SAMPLE TYPE STR SEP. 40# COJ SAMPLER J.M. BRADY DATE SAMPLED OCT. 16/83

ANALYSE FOR SEMI-QUANTATIVE S/W

48353

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to		S _w	W
1	E 59400			5 377 950 N / 571 000 E	10	410
2	E 59401			5 378 180 N / 570 670 E	10	410
3	E 59402			5 385 280 N / 569 150 E	5	410
4	E 59403			5 384 890 N / 570 040 E	25	410
5	E 59404			5 384 320 N / 569 350 E	25	410
6	E 59405			5 379 440 N / 570 740 E	45	410
7	E 59406			5 379 480 N / 570 750 E	55	410
8	E 59407			5 377 320 N / 567 020 E	35	410
9	E 59408			5 376 440 N / 565 330 E	25	410
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
21	Blank					
10	Control S				65	410
12	Control W				50	100
13	E 59400				5	410

John Brady : 40 Four Seasons Great Northern Hotel
 Launceston Tas 7250

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 TS, HAMMOND (MELBOURNE)

48353

430078

APPENDIX III

Stream Sediment -40 mesh
Sample Analytical Data

12

028

SELTRUST MINING CORPORATION PTY LTD

GEOCHEMICAL ANALYSIS SHEET

Box No 40193
 Analyst _____
 Date _____
 Analytical Method _____

PROJECT TASMANIAN TIN LOCATION ROSSARDEN

GRID _____ HOLE No. _____ COORDS _____

SAMPLE TYPE STREAM SED - 40th SAMPLER J.M. BRADY DATE SAMPLED OCT. 16/83

ANALYSE FOR ICP-1

48352

TUBE No.	SAMPLE No.	Depth from/ Line Distance (Auger)	Depth to				
1	42 E	59451		5,377,950N / 571,000E			
2	43 E	59452		5,378,180N / 570,670E			
3	44 E	59453		5,385,280N / 569,150E			
4	45 E	59454		5,384,890N / 570,040E			
5	46 E	59455		5,384,320N / 569,350E			
6	47 E	59456		5,379,440N / 570,740E			
7	48 E	59457		5,379,480N / 570,750E			
8	49 E	59458		5,377,320N / 567,020E			
9	50 E	59459		5,376,440N / 565,330E			
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							
	73/1	Blank					
	2 E	59451	rep				
	3	Control					

430080

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48352

268

DATE OF ANALYSIS: 10/11/83

SHEET NUMBER -- 48352

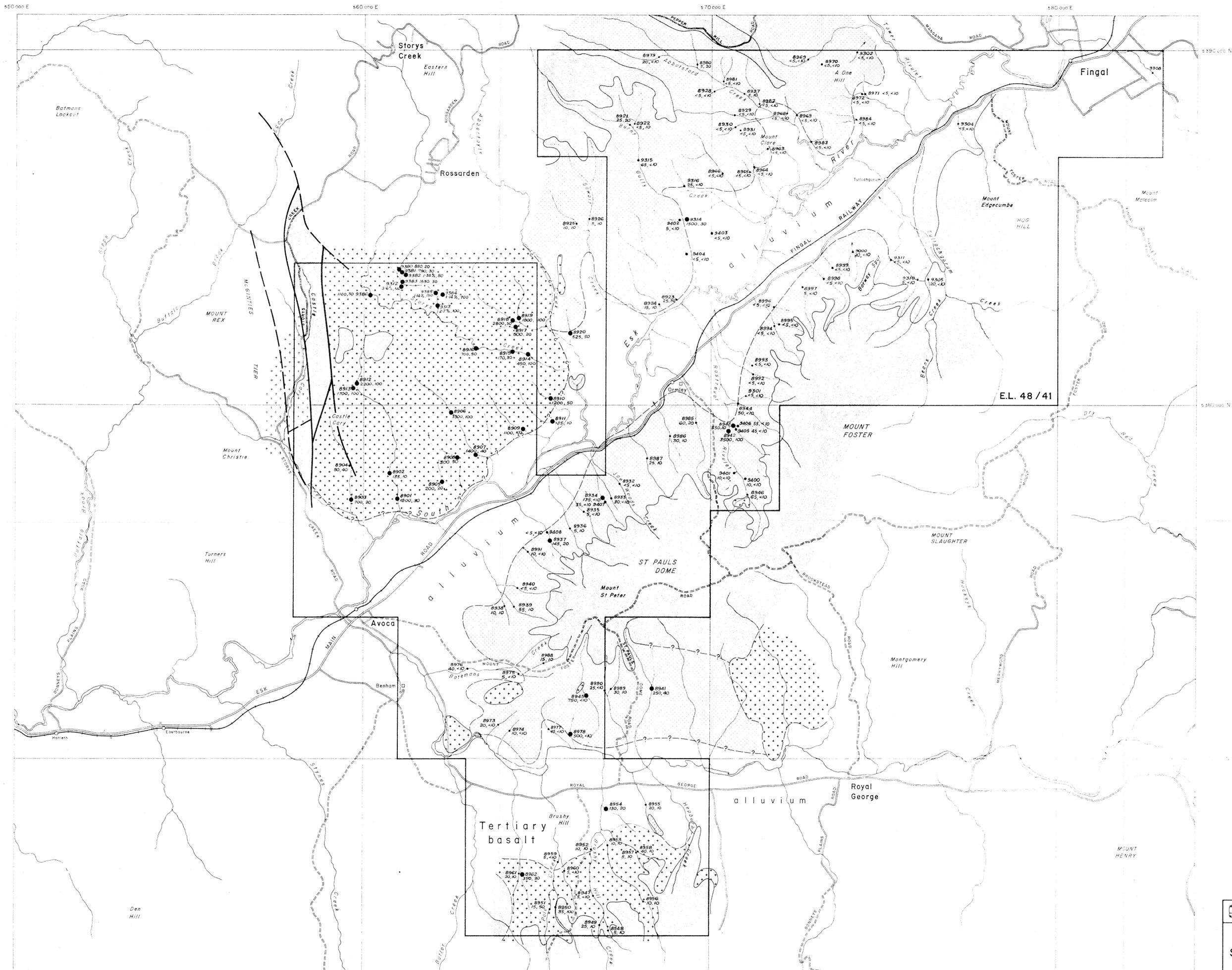
	SAMPLE	NI	CU	ZN	PB	AS	MN	CR	FE
E	59451	44	14	44	< 20	< 20	662	231	3.18%
E	59452	< 10	< 10	24	< 20	< 20	59	159	8734
E	59453	< 10	11	24	30	< 20	201	323	1.40%
E	59454	< 10	< 10	17	23	< 20	70	330	1.57%
E	59455	19	< 10	11	23	< 20	112	304	1.15%
E	59456	13	< 10	37	< 20	< 20	231	276	1.79%
E	59457	12	< 10	37	< 20	< 20	153	317	1.58%
E	59458	23	11	52	28	< 20	343	308	1.98%
E	59459	< 10	< 10	19	< 20	< 20	70	277	7832
*	0	< 10	< 10	< 10	< 20	< 20	< 10	< 10	< 500
*	51	44	13	44	< 20	< 20	663	231	3.25%
**	0	490	341	1366	416	115	355	460	7.24%

	SAMPLE	AL2O3	MGO	CAO	NA2O	K2O	TI02	P2O5	AG
E	59451	6.27%	2.36%	1.41%	4761	9699	6220	617	< 10
E	59452	3.75%	1749	< 500	1425	8099	3569	368	< 10
E	59453	6.26%	4803	901	1336	1.35%	4098	925	< 10
E	59454	5.22%	2583	< 500	1202	9226	2799	533	< 10
E	59455	5.51%	3180	< 500	751	1.01%	3210	614	< 10
E	59456	6.31%	4753	1213	3389	1.34%	3816	714	< 10
E	59457	6.03%	5095	530	6075	1.39%	3986	790	< 10
E	59458	6.02%	4766	2977	3260	1.28%	3568	806	< 10
E	59459	2.43%	1179	< 500	2261	5959	1985	235	< 10
*	0	< 500	< 500	< 500	< 500	< 500	< 50	< 200	< 10
*	51	6.21%	2.36%	1.40%	4780	9543	6079	625	< 10
**	0	13.32%	5.32%	1.25%	1.21%	1.16%	5107	867	< 10

030

SAMPLE	CO	BI	V	MO	SR	LA	Y	BE
59451	24	< 40	98	< 10	39	21	11	< 5
59452	< 10	< 40	25	< 10	35	15	6	< 5
59453	< 10	< 40	36	< 10	42	52	11	< 5
59454	< 10	< 40	36	< 10	20	23	8	< 5
59455	< 10	< 40	33	< 10	20	30	7	< 5
59456	< 10	< 40	39	< 10	43	34	14	< 5
59457	< 10	< 40	32	< 10	44	42	15	< 5
59458	12	< 40	47	< 10	46	46	21	< 5
59459	< 10	< 40	15	< 10	15	< 10	< 5	< 5
0	< 10	< 40	< 10	< 10	< 10	< 10	< 5	< 5
51	24	< 40	97	< 10	38	23	11	< 5
0	43	< 40	165	< 10	122	22	11	< 5

SAMPLE	CE	ZR	SN
59451	< 100	87	< 10
59452	< 100	60	< 10
59453	< 100	73	< 10
59454	< 100	61	< 10
59455	< 100	63	< 10
59456	< 100	61	< 10
59457	< 100	69	< 10
59458	< 100	62	< 10
59459	< 100	34	< 10
0	< 100	< 10	< 10
51	< 100	91	< 10
0	< 100	97	< 10

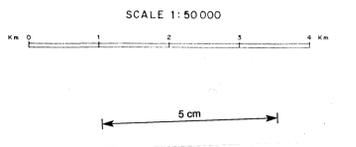


LEGEND

- PERMIAN - TRIASSIC sediments and JURASSIC dolerite sills
- Granite
- Mathinna Beds

• 8983 Sample location and number (all numbers are prefixed E.S.)
 20, <10 Sn, W sample results in ppm
 • Indicate anomalous result

E.L. 48/41

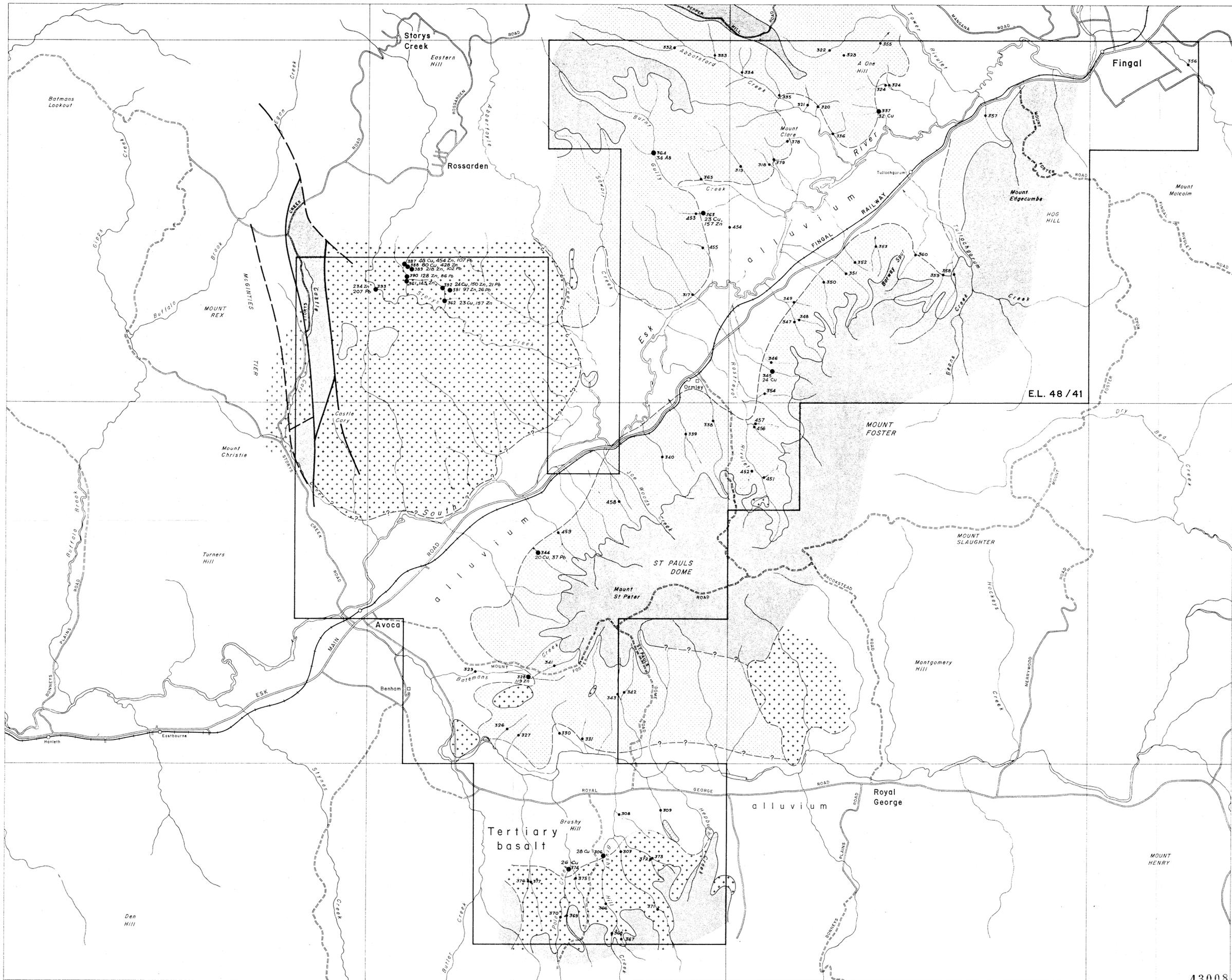


430083 Fig. 2

SELTRUST MINING CORPORATION PTY LTD.
EXPLORATION DIVISION

ROSSARDEN TIN PROJECT
STREAM SEDIMENT GEOCHEMISTRY
-40# CONCENTRATES ppm Sn,W

COMPILED	G. Rost & G. Dunbar	April '83	LAST REVISION	R.B.	11-4-84
DRAWN	R. Bottomley	31-5-83	ORIGINAL FIELD	MELBOURNE	
CHECKED			DRAWING NUMBER	MEL-966	



LEGEND

-  PERMIAN - TRIASSIC sediments and JURASSIC dacite sills
-  Granite
-  Mathinna Beds

-  Sample location and number (all numbers are prefixed E59)
-  Indicates significant values, all in ppm of minerals Cu, Zn, Pb and As as shown.

E.L. 48 / 41

SCALE 1:50 000

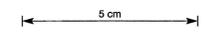
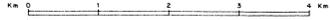


Fig.3

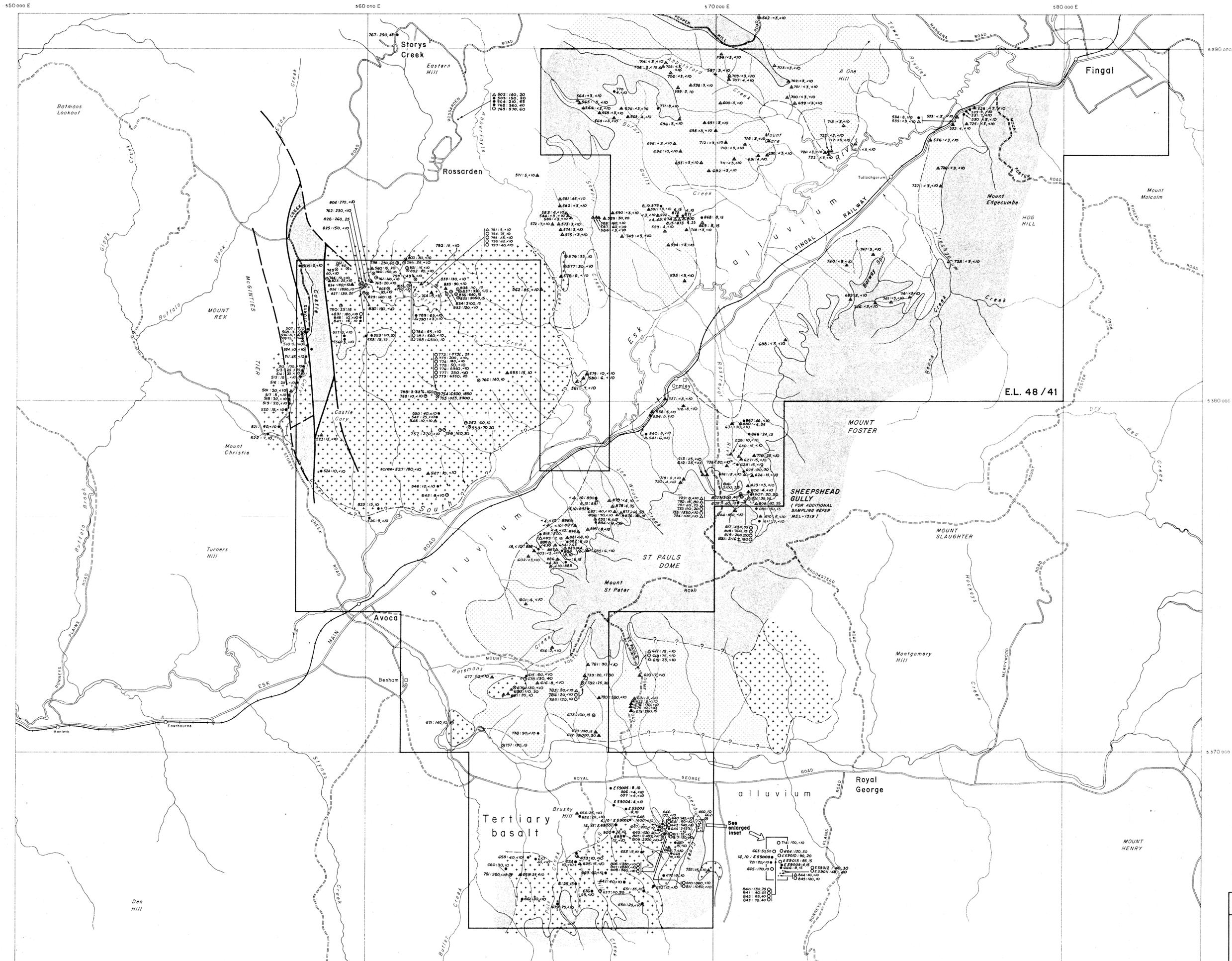
84-2195 v2

SELTRUST MINING CORPORATION PTY. LTD. EXPLORATION DIVISION

ROSSARDEN TIN PROJECT
STREAM SEDIMENT GEOCHEMISTRY
-40* SAMPLES, ppm Cu, Zn, Pb

COMPILED	G. Bosch & G. Dunbar	April '83	LAST REVISION	R.B.	21-3-84
DRAWN	R. Bottomley	17-10-83	ORIGINAL HELD	MELBOURNE	
CHECKED			DRAWING NUMBER	MEL-965	

430084



LEGEND

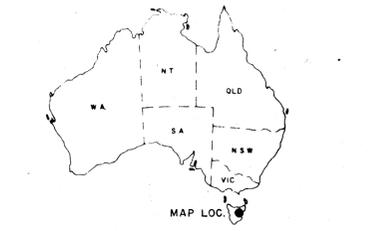
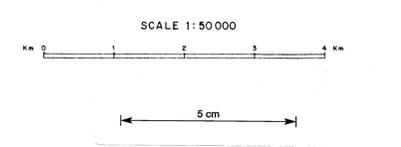
- PERMIAN - TRIASSIC sediments and JURASSIC dolerite sills
- Granite
- Mathinna Beds

• 581 Sample location and number (all numbers are prefixed E58)

45-10 Sn, W sample results in ppm

Rock Category:

- △ quartz vein
- whole rock
- alteration



430085 84-2105 v2

SELTRUST MINING CORPORATION PTY. LTD.
EXPLORATION DIVISION

ROSSARDEN TIN PROJECT
ROCK CHIP GEOCHEMISTRY
ppm Sn, W

COMPILED	G. Bosch & G. Dunbar	April 83	LAST REVISION	R.B.	11-4-84
DRAWN	R. Bottomley	31-5-83	ORIGINAL HELD	MELBOURNE	
CHECKED			DRAWING NUMBER	MEL-964	