VAN DIEMAN MINES PTY LIMITED

THE ENDURANCE PROJECT

E.L. 11 / 2000

MT. CAMERON, GLADSTONE DISTRICT

NORTH EAST TASMANIA

REASSESSMENT

PREPARED BY:

NIUGINI RESOURCES PTY., LIMITED.

DATE PREPARED:

20 November 2003

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OVERVIEW

Tin was discovered in the Endurance area in 1875. The first deposits worked were the shallow alluvials associated with streams draining Mt Cameron. The Endurance Tin Mining Syndicate, formed in 1922 appears to have been the first group to undertake mining on the deeper sections of the main Endurance lead. Production from the deposits continued intermittently until the late 1960's when ownership control moved to the Murray – Murray – Maguire – Mainline Group. The B.M.I mining group acquired the area in 1970. B.M.I while continuing production from shallow ground also commenced a thorough drilling assessment of the deposit. In 1978 Amdex Mining acquired the deposit from B.M.I. Amdex recalculated the reserves based on previous drilling by the Department of Mines (1958, 1968 – 69), Endurance Tin Mining Company (1943) and B.M.I. (1971 – 72). As a result of their work Amdex Mining have quoted a resource base as follows:

6,775,399 cubic metres at an average grade of 250.4 grams/cubic metre of 70% Sn concentrate at a cut-off of 200/100 grams / cubic metre.

This resource was contained in two resource blocks, specifically:

Block East of the Fault;

And

Block West of the Fault.

The "Fault" referred to by Amdex is reported by them as a post depositional fault occurring in the western section of the lead which has a relative vertical displacement of 14 metres and a relative horizontal displacement of 135 metres.

In June 2001 the author conducted a brief re-assessment of the old data and in particular the data produced by Amdex in support of their resource calculation. A review of those data indicates that while some infill drilling would upgrade the resource from possible to proven, drilling would be better utilised by drilling more lines to the west of the resource, the direction in which the resource remains "open". In addition the Amdex resource uses grades averaged from surface to base of lead (Whole of hole) and includes thick intersections of barren overburden.

Recent studies indicate that by recalculating the resource to exclude the barren overburden, an increase in the overall quantity of contained tin concentrate can be achieved. The current resource base is quoted as being:

1,643,395 m^3 containing an average grade of 983.72 gm / m^3 of SnO_2 at 70% contained Sn or 1,611 tonnes of SnO_2 concentrate.

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1. INTRODUCTION

Continuing work on this tenement by Mineral Holdings has resulted in an improvement to the resource base and several new geological interpretative assumptions that serve to increase overall prospectivity outside the current resource boundaries.

Recognition that active faulting during the Tertiary created a distinctive local geomorphology that favoured the development of an extensive tin bearing alluvial deposit running along the southern edge of the Mt Cameron granite massif. These features are dealt with in more detail later in the text.

As a result of continued studies the resource base at Endurance is quoted as being:

A "Measured Mineral Resource" of 1,637,395 m^3 at an average grade of 983.72 gm / m^3 of 70% Sn concentrate, a total of 1,611 tonnes of SnO_2 concentrate. This resource is overlain by 7,510,494 m^3 of barren to very low grade overburden for an "Overburden to Ore" stripping ratio of 4.6 : 1.

In addition to the contained tin Mineral Holdings have also established that the tin bearing gravels also contain valuable and recoverable accessory miners, specifically:

Au at grades of between 0.010 and 0.030 gm / m^3;
Gem quality sapphire estimated to occur at grades of 2 gm / m^3;
Ta as tantalite at a grade of 1.50 gm / m^3; and
Zircon / Rutile at an average combined grade of 200 gm / m^3.

Mineral Holdings have determined that this resource is open to the west and has not yet been adequately defined along its northern and southern edges. Preliminary studies indicate that these prospective extensions could contain a further 2,394,134 m^3 of tin bearing gravels at an average grade of 978.72 gm / m^3 of 70% SnO_2 concentrate. These extensions also contain valuable accessory minerals.

This report contains a number of recommendations aimed at taking the resource to "Proven" status, these works will include reformatting of all data to a digital base, preliminary mining feasibility studies including assessments of a variety of mining techniques, environmental studies and economic "Profit and Loss " studies.

2. LOCATION, ACCESS AND INFRASTRUCTURE

The Endurance Project is located in north east Tasmania approximately 85 kilometres north east of the City of Launceston. More specifically the deposit is located along and immediately adjacent to the southern flank of the Mt Cameron Granite massif and just west of the Pioneer to Gladstone Road. See Figure 1.

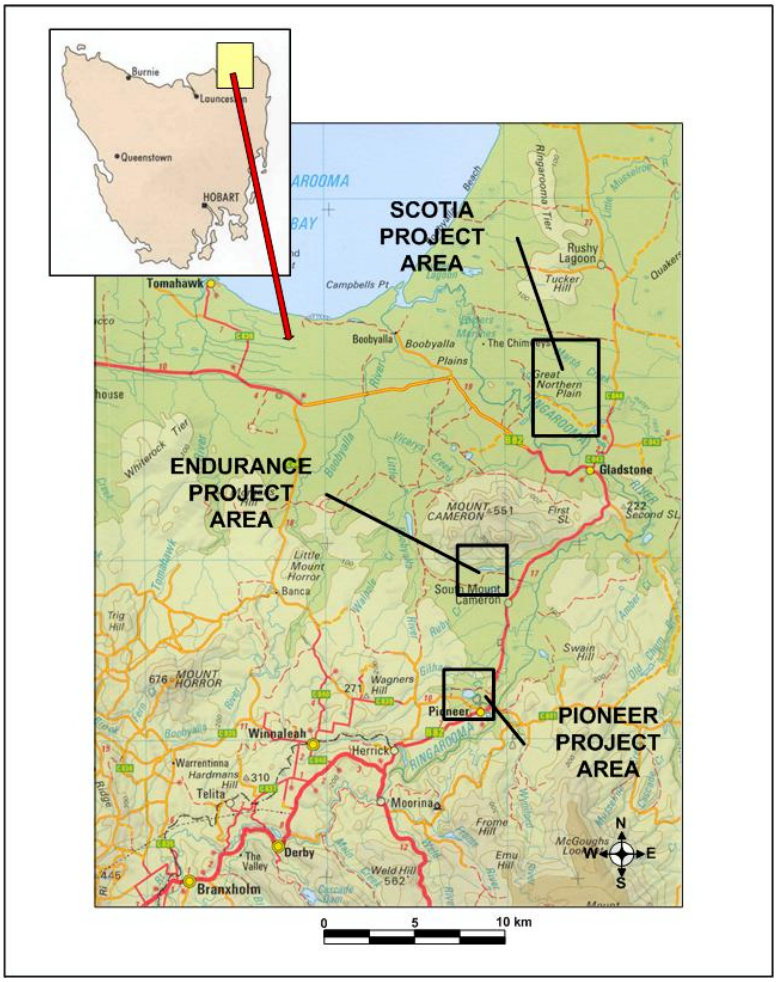


FIGURE 1: LOCATION PLAN

Access to the project area is excellent. An all weather sealed road services the townships of Gladstone and Pioneer and a well formed gravel track provides heavy vehicle access from that public road to the project site. See Figure 2.

Mains power and telephone lines run immediately adjacent to the public road and local water supply is available from old mine ponds, the lake immediately adjacent to the project is estimated to contain 3,000 megalitres.

3. TENURE

The project area is currently encompassed by a 4 sq. km Exploration Licence, EL 11 / 2000. Specifically:

Tenement Number	11 / 2000
Area	4 square km.
Location	Mount Cameron
Date of Grant	03 / 01 / 2000
Date of Expiry	08 / 12 / 2005
Beneficial Holder	Mineral Holdings Australia Pty., Limited. 11 Kent Court TOORAK, Vic 3142.
Contact	Mr. Neil Thomas. Managing Director
Contact Point	Phone: +61 3 9822 0077 Fax: +61 3 9824 7617 Email: tominex@bigpond .com

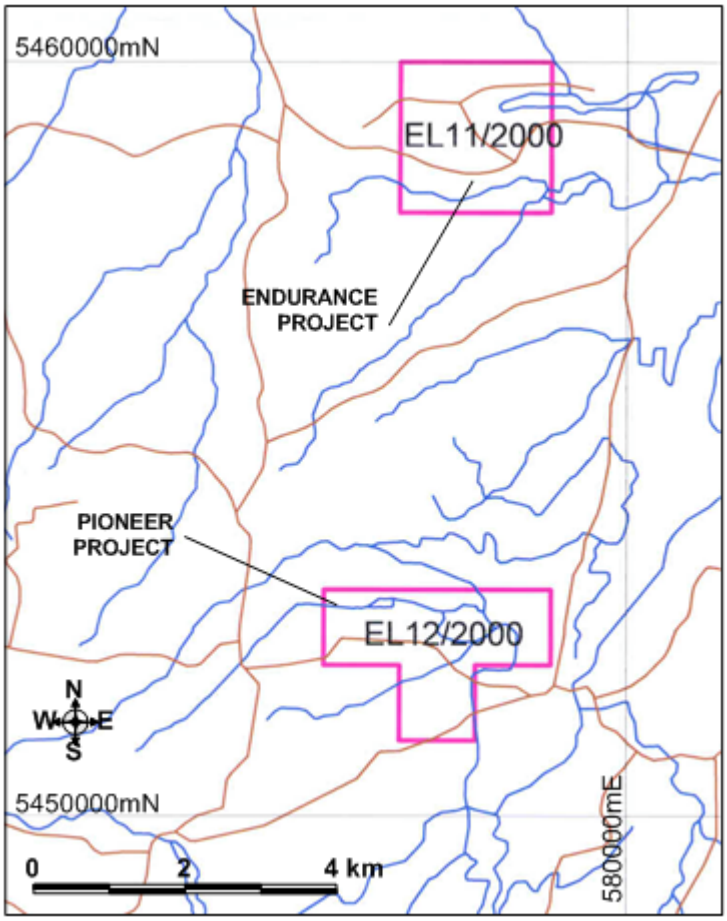


FIGURE 3 – TENURE LOCATION PLAN

4. HISTORICAL BACKGROUND

The following historical data has been reproduced from a report by Amdex Mining dated 24th March 1980

Tin was discovered in the Endurance district in 1875. Initially miners exploited the shallow alluvial deposits associated with the many small, deeply incised and steeply rising streams along the southern flank of the Mt. Cameron massif. Those deposits occurred perched well above the buried Endurance deep lead. During this period the Clifton Tin Mining Company and the Endurance Tin Mining Syndicate were the major producers. The Clifton Company worked high-grade ground (2,000 to 3,000 gm/m3) along Clifton Creek and the Endurance Syndicate, shallow ground to the northwest of the Clifton workings.

The Endurance Tin Mining Company formed in 1922 acquired the assets of the Syndicate and appears to have also acquired the Clifton leases that were probably nearly completely mined. Initially the groups utilised hydraulic monitors supplied by steam driven water and gravel pumps. A lack of adequate water supply necessitated the establishment of pumped water return system. The groups appear to have been able to exploit ground to around 10 metres in depth at grades of up to 7,000 gm/m^3.

By 1928 the scarcity of an adequate supply of wood to fire the boilers necessitated the introduction in that year of diesel driven plant. Declining tin prices soon forced the closure of all operations. Small-scale tribute mining continued until the early 1930's when the Endurance Company completed a successful restructure of its share capital and acquired, for the sum of $30,000.00, the Tasmanian assets of the Pioneer Tin Mining Company. These assets included the hydroelectric power station at the Frome Dam and this enabled the Endurance Company to electrify its operations at Endurance.

In 1934, Mr. C. Ryan, the former manager of Pioneer was appointed General Manager of the Endurance operations. Ryan commenced a scheme to exploit the remaining shallow ground and to commence operations of the deeper sections of the main lead. The Ryan plan included:

- Installation of a pumping platform on the Ringarooma River to proved water for sluicing;
- Introduction of a 254 mm gravel pump to develop the shallow ground;
- Replacement of the pontoon steam driven plant by larger gravel pumps to enable exploitation of the deeper ground; and

- Provision of a tails race to the Ringarooma River to dispose of tailings derived from the upper or eastern end of the lead.

Sluicing of the ground commenced in February 1935 following the successful commissioning of the pumping plant. Initial mining was hampered by unreliable and inadequate boring results and it proved necessary for the Company to redrill some areas to allow for more selective mining to be implemented. By 1937 production was in full swing and in the first year of operations a total of 150.9 tonnes of high-grade tin concentrates were produced. Historical mining costs are quoted as being 7.44 cents / metre and recovery quoted as being 528 grams of SnO_2 / m^3.

In 1939 as operations became more settled the Company treated some 277,500 m^3 of alluvial ground for a recovery of 142 tonnes of tin concentrates, a grade of 475 grams/m^3. The more efficient operations resulted in the costs being lowered to around 5.5 cents / m^3. At this time the Company estimated the deposit to contain a resource of just over 3.8 million m^3 containing 1,400 tonnes of tin concentrate equating to an average grade of around 310 grams/m^3. In 1940 the lead produced 130.8 tonnes of concentrate from 359,000 m^3 of feed equating to an average grade of 364 grams/m^3 at a cost of 6 cents / m^3.

By 1945 all the economic shallow ground at the eastern end of the lead had been exhausted although the deep unexploited ground still contained 2.68 million m^3. In that year the production pontoon was moved to the western central section of the lead and by 1947 the operation was confined to the main lead apart from some small-scale production of 18 tonnes of concentrate from shallow ground. Total production for the 1947 year is reported to be 134 tonnes equating to an average grade of 338 grams/m^3.

In 1950 sluicing was continuing in the western section of the main lead, 108.4 tonnes being produced for the year from 325,000 m^3 of wash at average grades of 333 grams/m^3 however costs in working the deeper ground had risen to 19.6 cents / m^3. By 1954 profitability of mining the deeper ground had become a problem, costs had risen to around 32.7 cents /m^3 for a recovered grade of only 285 grams/m^3.

In summary, the period 1946 to 1959 saw the Endurance Lead produce 1,220 tonnes of tin concentrates from some 3.82 million m^3 of alluvial wash for an average grade of 319 grams / m^3 SnO_2. Operations were hampered by the inability to dispose of tailings and from time to time the presence of abundant pyritic material.

In 1960 the Company commenced sluicing eastwards from the Blue Lake region. Production was hampered however as the lead was becoming narrow, was hard against the flanks of the massif and contained abundant large boulders in the basal layers. The average annual production for the period 1960 to 1966 was 70 tonnes of tin concentrates per annum, an average grade of 237 grams/m^3. In the period 1966 to 1968 production further declined with only 75 tonnes of concentrates being produced for the period and while the average remained at 237 grams/m^3 costs had risen and operations were terminated in the east in late 1968. Operations were relocated to the western sections in the same year.

In mid-1969 the ownership flowed to the Murray – Murray – Maguire Group to and from groupings that made up the Attunga Mining Syndicate and finally to interests associated with Walter Shapaloff. In early 1970 B.M.I Mining acquired the interests of the Endurance Mining Corporation and thus of the Endurance Lead. B.M.I discontinued the mining operations in the western lead in favour of mining of shallow terrace ground to the east. In conjunction with this move the group commenced an extensive evaluation of the deposit.

In 1978 the Triako – Amdex Mining Group acquired to B.M.I tenements and continued shallow mining and exploration, their operations ceased in the early 1980's. From that time the deposit has remained idle and the resource quoted by Amdex remains largely intact.

5. GEOLOGICAL SETTING

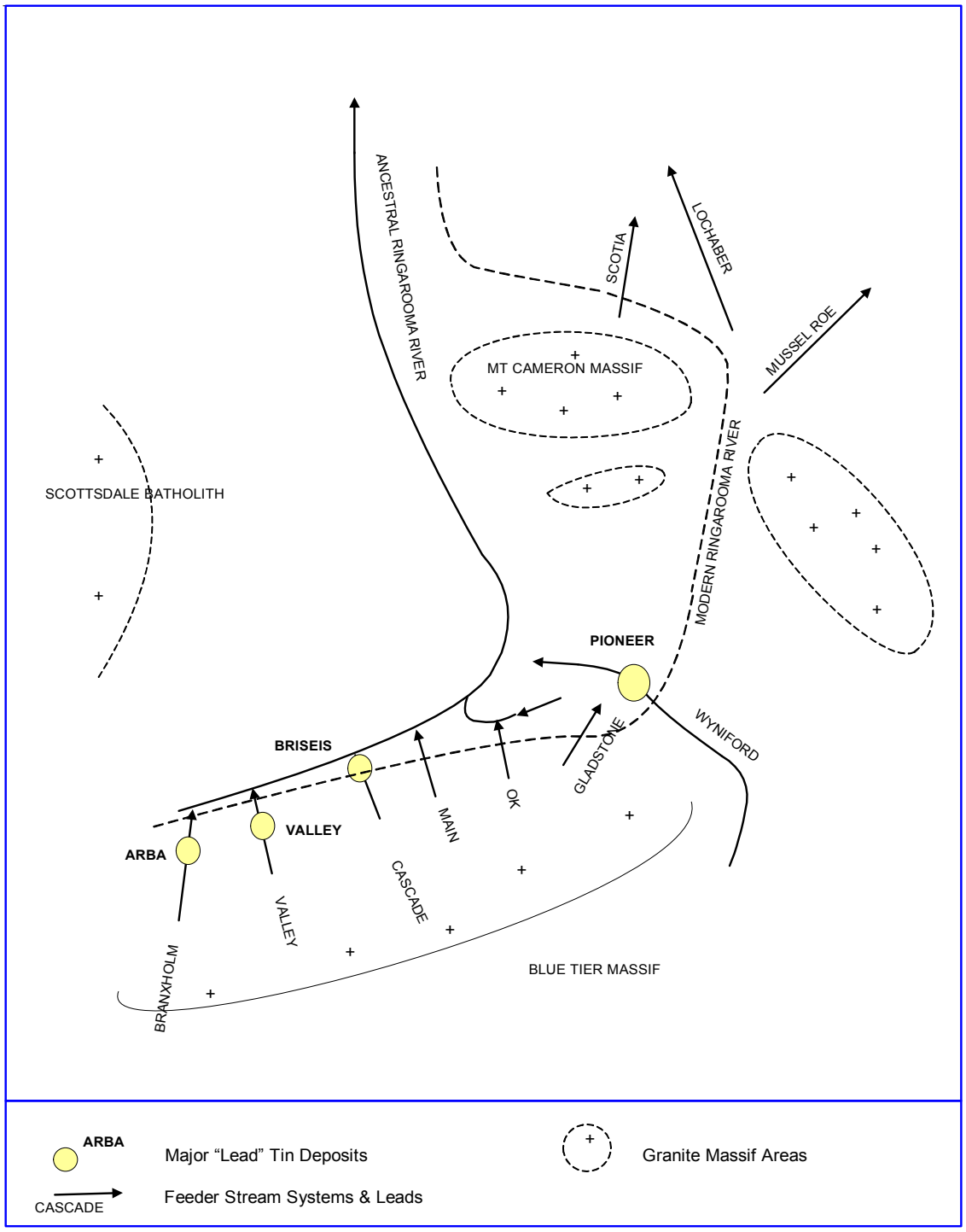
Basement studies indicate that the Ringarooma River, the main regional river system ran eastwards and then northwards through the area occupied by the present Boobyalla River. The river was fed by a number of major tributaries, the Branxholm / Black Creek, Valley Creek, Cascade River, Main Creek, Weld River, OK Creek, Gladstone Creek and the Wyniford River.

During this period the tin bearing Blue Tier massif formed a major elevated mountainous area south of the Ringarooma River basin. Streams draining this massif were probably deeply dissected and high energy systems that contributed a major heavy mineral rich sediment load into the basin.

Sharp changes in gradient at the junction of these systems with the basin, resulted in a reduction in stream energy, and thus assisted the development of deeply entrenched, major tin bearing alluvial deposits. Basement topographic levels along the ancestral channel would seem to indicate that these basinal deposits were probably elevated above the levels of the main river. Filling of these basins resulted in spilling of tin rich sediments further north to the main channel of the Ringarooma River.

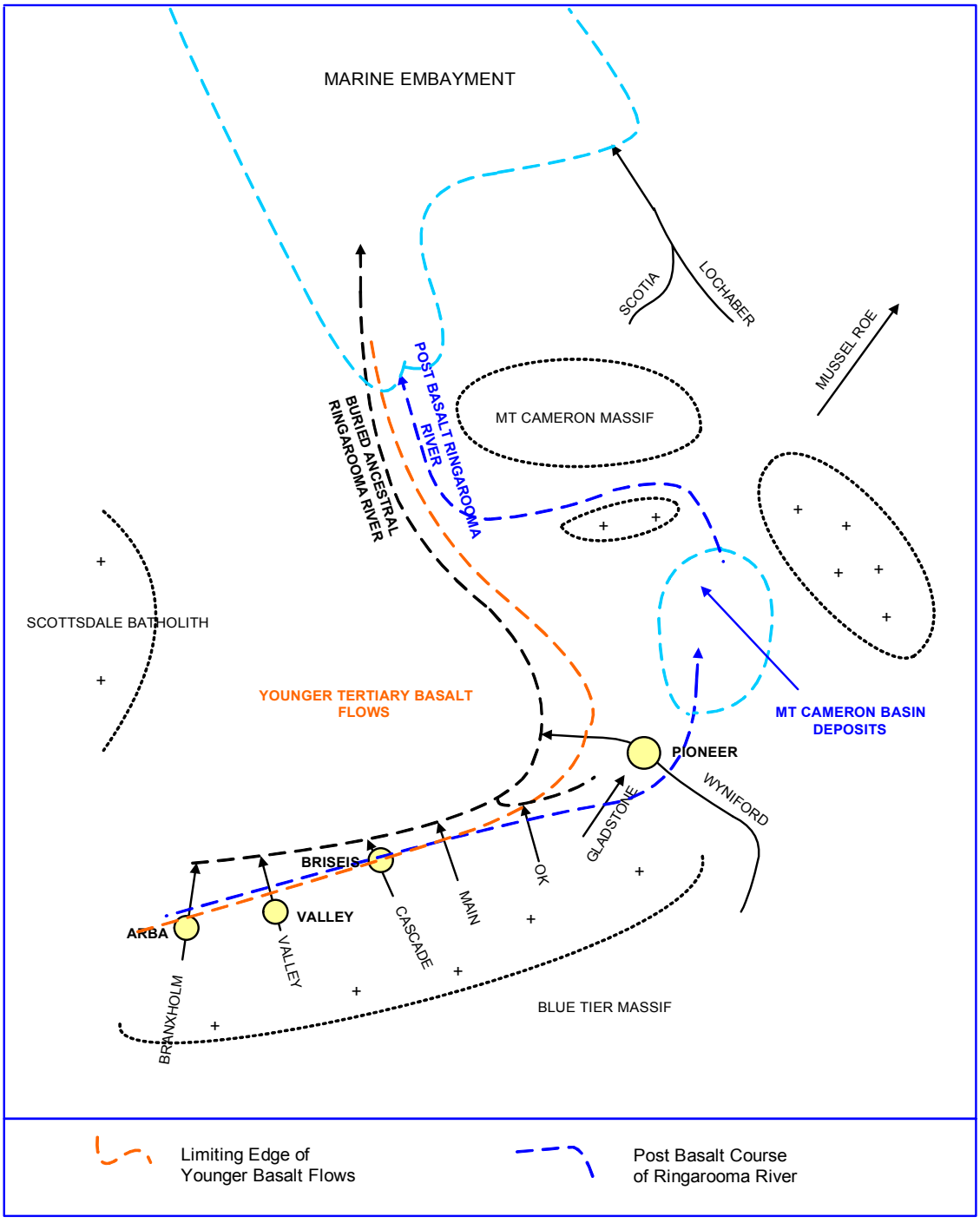
About 16 Ma the Ringarooma river valley was partly flooded by the Younger Basaltic flows. This pushed the river to the south against the granite massif and in places, below Derby, the river was forced to incise its course into granitic basement rocks. In turn this isolated the paleo-Ringarooma River and its tin bearing basinal deposits under thick basaltic flows.

Deposits such as Arba, Valley, Briseis and Pioneer were worked where exposed along the edge of the basalt flows however many were not fully exploited because of thick basaltic cover.



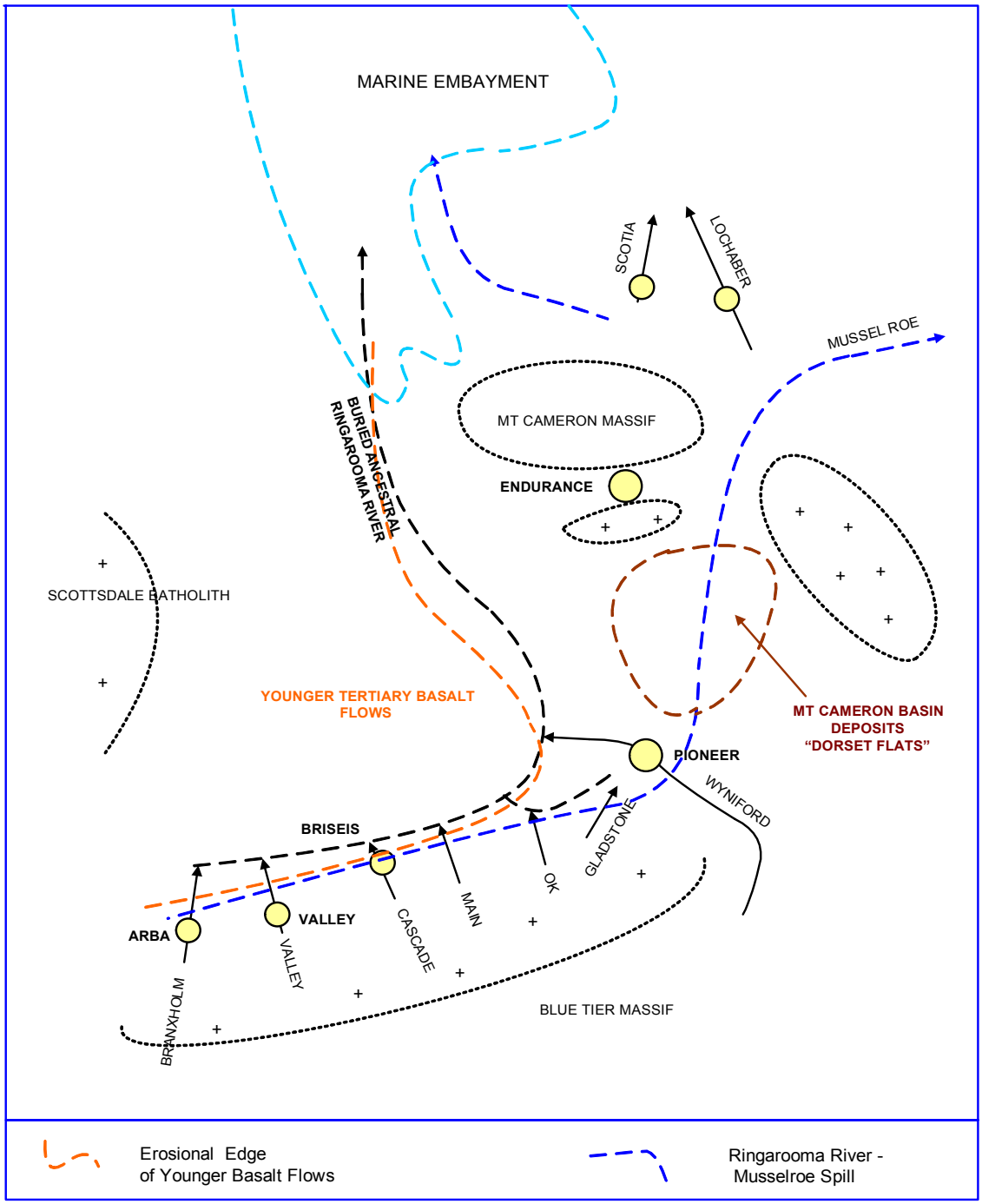
STAGE 1
PRE-YOUNGER BASALT GEOMORPHOLOGY
DEPOSITION OF ZIRCOSPILIC TERTIARY SEDIMENTS

FIGURE 4



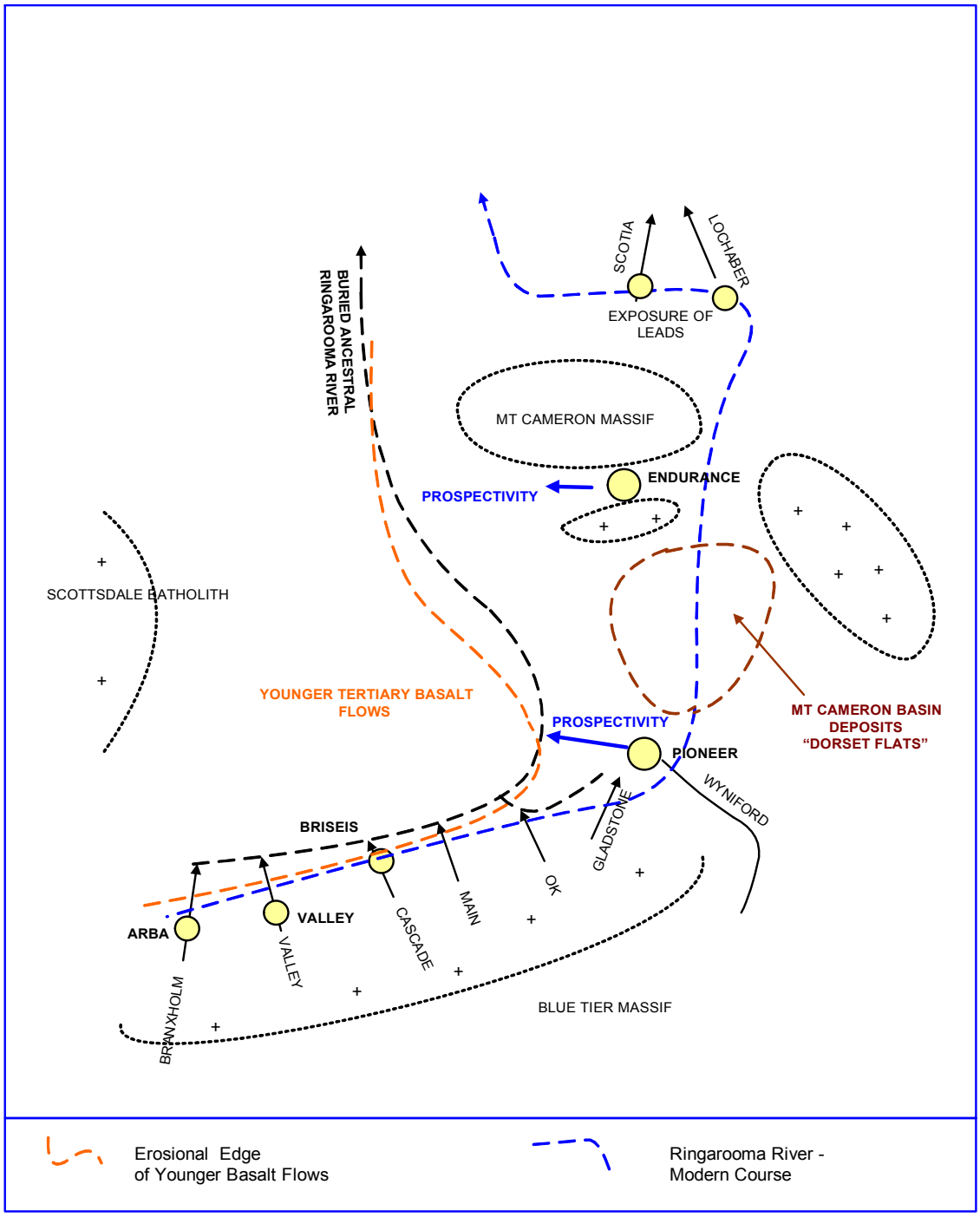
STAGE 2
PERIOD OF YOUNGER BASALT VOLCANISM
BURIAL OF ANCESTRAL RINGAROOMA RIVER

FIGURE 5



STAGE 3
MUSSELROE SPILL
RINGAROOMA RIVER DIVERSION

FIGURE 6



STAGE 4
RINGAROOMA RIVER CAPTURE
FLOW DIVERSION TO RINGAROOMA EMBAYMENT

FIGURE 7

5.1 THE ENDURANCE PROJECT

The first deposits to be worked in this area were the elevated shallow deposits along the edge of the Mt Cameron massif, probably the Clifton Creek deposits. These deposits are reported to have contained ground averaging 2,000 to 3,000 g/m^3 of tin. As this shallow ground became worked out, mining shifted to the deeper ground. This move represented the first exploitation of the shallow but very high grade (7,000 g/m^3) headwater section of the main lead where basement was at around 10 metres maximum. This area is located just west of the Gladstone – Pioneer road. (Loc 7).

The geological and genetic history of this deposit is dominated by the emplacement of the Younger Basalts down the palaeo-channel of the Ringarooma River.

With much of the north and north westward flow from the Blue Tier being diverted to the east and the previous drainage through the Boobyalla / Palaeo-Ringarooma becoming restricted if not halted, all the Blue Tier sediment load was directed to the Mt Cameron Basin, a broad flat lying area located between the Mt Cameron massif and the edge of the Blue Tier. Initially flow was probably along the southern section of the palaeo-channel marked in blue on the geological map although the presence of ferricretes and silcretes in this area suggests that this channel was also filled by basaltic material.

The Ringarooma River was pushed to the southern edge of this area along and partly within the granite massif discharging its sediment load into the area now called Dorset Flats. Major deviations in the course of the River such as at Loc 3, were probably caused as a result of Tertiary faulting and / or the presence of more resistant granitic rocks. Similar diversions in drainage are seen in Ruby Creek at Loc 4.

As sediment load increased and the basin filled initial spillage was across a low ridge at Loc 5 and into a narrow valley roughly conforming with the current valley of the Ringarooma River, and toward Loc 6. High granite basement at Loc 6 forced the stream to divert westward along and immediately adjacent to the southern flank of Mt Cameron. The geomorphology of this valley was controlled by a system of north-west to south–east trending Tertiary faults. Without exception these appear to have downthrown and northerly displaced western blocks.

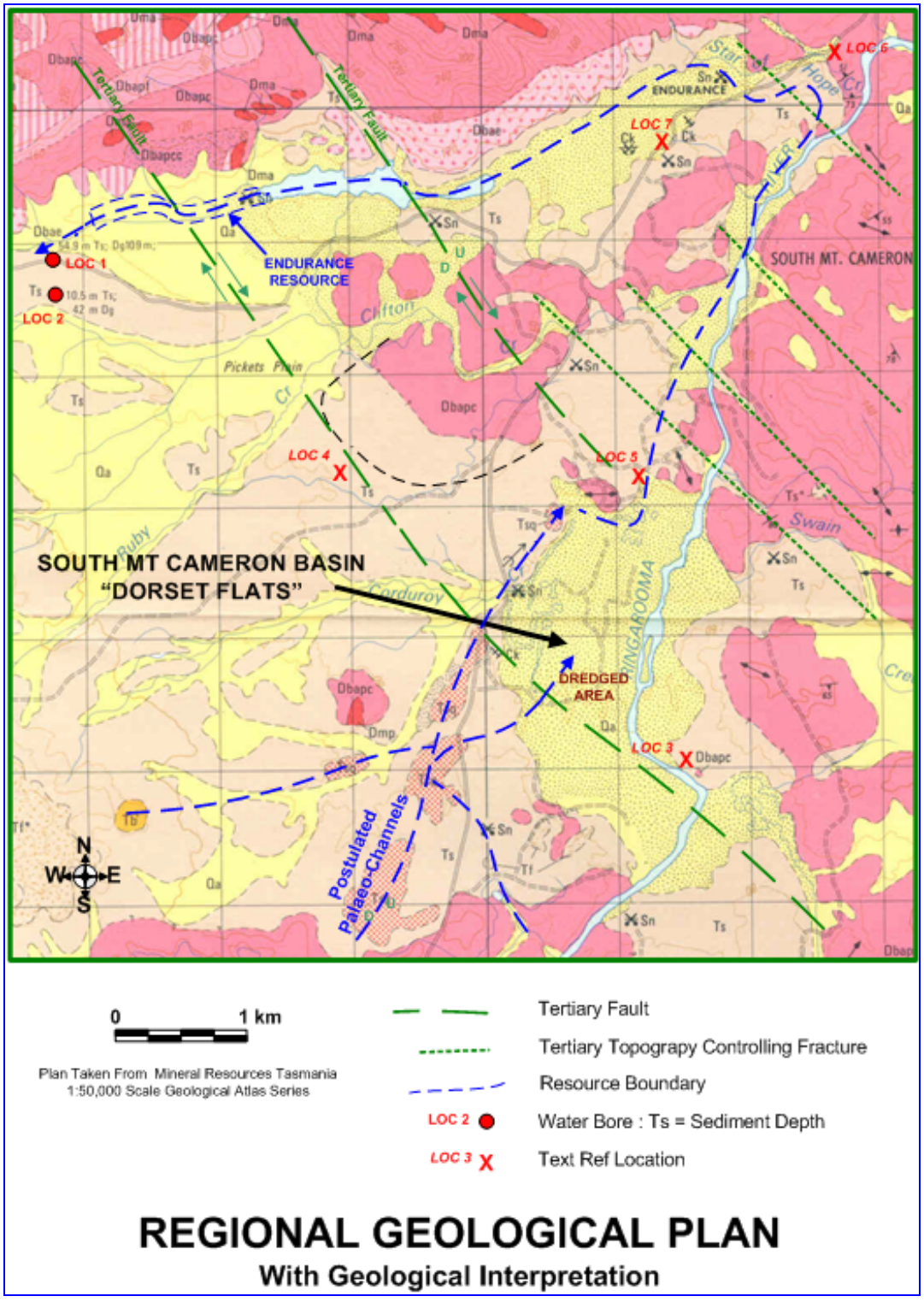


FIGURE 8 – GEOLOGICAL PLAN OF THE ENDURANCE AREA

The Endurance lead initially developed as a relatively narrow, very active stream, depositing high grade tin bearing basal gravels onto a highly decomposed granitic basement. The stream gradient profile was in the main west trending at shallow angles, locally faulting caused major diversions to the system and resulted in restrictions and sharp changes to that gradient.

Where these bends or diversions occurred they caused some damming of the stream, above the diversions the stream usually occupied a broad valley, below it usually discharged into a deep high grade pool that gradually opened out as the gradient lessened and the stream slowed down.

The unexploited section of the resource typifies this scenario. A broad shallow valley occupies the section east of the Tertiary fault, grades diminish slightly east to west and a small island of barren wash occurs immediately east of the fault where the stream system appears to become somewhat braided. West of the fault the tin bearing sequence thickens and the valley narrows. High grade tin bearing gravels were deposited in a deep pool immediately adjacent to, and downstream of the fault.

Further west the valley starts to widen, the sequence thins and the grades commence to drop. Past water bore drilling, Loc 1 and Loc 2 indicate the Lead continues, depth to basement at Loc 1 is reported to be 54.9 metres. The presence of the Lead is established by a shallow result (10.5 metres) from Loc 2 bore just to the south of Loc 1. A narrowing of the lead to the west as is reflected by current topography is thus not the case.

Prospective additional resources at Endurance are contained in three zones, specifically:

- Areas along the northern edge of the deposit between the main lead and the Mt Cameron granite massif where insufficient drilling has been conducted to accurately define the limits of the deposit. Deposits in these areas may include local high grade shed from the tin bearing granites of the massif;
- Areas along the southern edge where insufficient drilling has been conducted to accurately define the limits of the deposit; and
- The western extension where it is postulated that the system deepens and widens, that is an area that mirrors the other sections of the resource with respect to grade and size.

6. THE RESOURCE

Previous workers have tried to define the resource in terms of reliability of data, the JORC Code. In this study all available drill data has been converted into Imperial measurements and grade based cross sectional data accumulated as a basis on which to calculate the contained resource. Tabulation of the results of this assessment appear in Table 1.

TABLE 1

ORE RESOURCE SUMMARY

PROJECT Endurance **TENEMENT** E.L. 11 / 2000 **DATE** 27/07/2003

RESOURCE DEFINITION	AVERAGE GRADE g/m3 SnO_2	VOLUME ORE m^3	VOLUME O/BURDEN m^3	CONTAINED SnO_2 tonnes
HIGH GRADE SECTION				
MAIN RESOURCE				
BASAL WASH	983.72	1,637,395	7,510,494	1,611
PROSPECTIVITY				
NORTH SIDE	1061.57	100,933	437,759	107
SOUTH SIDE	549.45	793,201	2,897,022	436
WESTERN EXTENSION	1200.00	1,500,000	5,200,000	1800
TOTAL INCL. PROSPECTIVITY		4,031,529	16,045,275	3,954
PREVIOUS	*250.40*	*6,775,399*	*1,697*	
Stripping Ratio			4.0 : 1	
SURFACE TO BASEMENT	PREVIOUS ORE RESOURCE GRADES THIS BOUNDARY			
MAIN RESOURCE	225.26	9,109,233		2,052
PROSPECTIVITY				
NORTH SIDE	215.74	553,643		119
SOUTH SIDE	160.80	3,575,098		575
WESTERN EXTENSION	215.00	11,250,000		2419
TOTAL INCL. PROSPECTIVITY		24,487,974		5,165
PREVIOUS	*250.40*	*6,775,399*		*1,697*

The resource at Endurance is thus quoted as a "Measured Mineral Resource of: 1,643,395 m^3 containing an average grade of 983.72 gm / m^3 of SnO_2 at 70% Sn or 1,611 tonnes of SnO_2 concentrate. Stripping ratio of Overburden to Ore is quoted at 4.6 : 1.

In addition to the "Measured" resource the Endurance Project is also considered to have the following prospectivity, three areas, specifically:

a. NORTHERN RESOURCE EDGE:
100,933 m^3 at an average grade of 1,061.57 gm / m^3 SnO_2 at 70% Sn or 107 tonnes of SnO_2 concentrate.

b. SOUTHERN RESOURCE EDGE:
793,201 m^3 at an average grade of 549.45 gm / m^3 SnO_2 at 70% Sn or 436 tonnes of SnO_2 concentrate.

c. WESTERN EXTENSION:
1,500,000 m^3 at an average grade of 1,200 gm / m^3 SnO_2 at 70% Sn or 1,800 tonnes of SnO_2 concentrate.

7. CONCLUSIONS

This assessment has enabled the following conclusions to be made, specifically:

a. The current resource base at the Endurance Project is considered to be:

- The Main Resource
  1,643,550 m^3 containing an average of 982.34 gm / m^3 of SnO_2 as concentrate at a grade of 70% Sn, 1,615 tonnes of SnO_2 concentrate.

- Prospectivity
  2,394,134 m^3 containing an average of 978.63 gm / m^3 of SnO_2 as concentrate at a grade of 70% Sn, 2,343 tonnes of SnO_2 concentrate.

b. Application of selective cut-off grade parameters indicates that overburden material can be selectively removed from the resource at stripping ratios of 4.6 : 1, "Overburden to Ore".

c. There does not appear to be any further areas of prospectivity within the current tenement. Minor tin bearing shed from the southern slopes of Mt Cameron may have developed localised, shallow, high grade deposits similar to those originally worked at Clifton Creek. Some investigation of all streams shedding from Mt Cameron should be undertaken.

8. RECOMMENDATIONS

It is recommended that:

a. Mineral Holdings immediately make application for a Retention License over the four sub-blocks comprising the current Exploration License, that is, the tenement covering the Measured Mineral Resource.

b. The current map data be digitized and AMG co-ordinates for all old drill holes be included in an upgraded set of drill logs.

c. All drill data be transferred to electronic format.

d. The Company commence a pre-mining feasibility study including mining, treatment and environmental assessments of the resource.

e. The Company undertake an economic assessment based on the results of the studies detailed in (c) above.

9. SITE LOGISTICS

Current logistics at this project site are excellent, see Figure 2 and can be summarized as follows:

- ACCESS: Access to the project site is from Gladstone or Pioneer Townships along the public road system. An excellent gravelled track from that road provides access to the Project area, a distance of about 3 kilometres tothe proposed Treatment Plant Site. being a

- WATER SUPPLY: A pump site is available on the existing mine pond which is estimated to have a 3,000 megalitre capacity. Further make-up water can be pumped from the Ringarooma River under the public road and allow to gravitate to the pond.

- POWER: Mains electric power is available at the main road approximately 3 kilometre east of the proposed Treatment Plant Site.

- COMMUNICATIONS: Telstra cabling is located at the main road and a local cable can be run along the access track to the plant site. Locally mobile (cell) phone coverage is intermittent as a direct line of sight from the Mt Horror repeater is masked by Mt Cameron.

- STAFF ACCOMMODATION: With the site local to three townships, it is not envisaged that it will be necessary to house staff and employees either on site or in Gladstone. Depending on who is appointed as Manager it may be necessary to arrange for his accommodation at Company cost. Suitable rental housing is available in all townships

- TREATMENT PLANT SITE: The site depicted on the plan is considered central to the deposit and will allow discharge of tailings into old ponds.

10. APPENDICES

10.1 SECTIONAL DATA

ALLUVIAL DRILL HOLE RESULT SUMMARY

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

SECTION LINE 1 WESTERN RESOURCE

HOLE NUMBER	R.L. m	BASEMENT	ORIGINAL DATA			RECALCULATION			
			DEPTH WASH m	GRADE WASH g / m^3	WEIGHTED D X G	DEPTH O/B m	DEPTH WASH m	GRADE WASH g / m3	WEIGHTED D X G
A 115	71.93	27.13	27.13						
A 116	71.69	26.21	26.21						
A 117	71.72	23.47	23.47						
P 116	71.90	24.69	24.99	84.04	2,100.16	21.34	3.65	572.25	2,088.71
P 152	71.80	24.69	26.52	148.25	187.25	21.34	5.18	822.49	4,260.50
P 117	71.81	26.21	27.43	195.38	5,359.27	21.34	6.09	868.13	5,286.91
P 153	71.75	26.21	27.43	475.43	13,041.04	21.34	6.09	2,123.31	12,930.96
P 118	71.84	27.74	27.43	532.03	14,593.58	21.34	6.09	2,366.85	14,414.12
P 154	72.69	32.61	35.05	328.88	11,527.24	22.86	12.19	935.20	11,400.09
P 119	72.66	27.43	27.43	263.04	7,215.19	24.38	3.05	2,296.07	7,003.01
P 155	72.66	26.82	26.82	110.59	2,966.02	24.38	2.44	1,097.42	2,677.70
P 120	72.79	28.96	28.96	45.22	1,309.57	24.38	4.58	243.19	1,113.81
P156	72.97	26.21	27.43	44.84	1,229.96	24.38	3.05	296.37	903.93
P 121	73.12	29.26	30.18	155.20	4,683.94	25.91	4.27	1,036.16	4,424.40
P 157	73.18	27.43	26.21	30.26	793.11	25.91	0.30	139.05	41.72
P 122	73.37	29.26	30.48	194.89	5,940.25	24.38	6.09	946.20	5,762.36
P 158	73.49	22.40	22.40	10.94	245.06	22.40			
P 141	73.61	23.16	22.86	6.60	150.88	23.16			
A 125	73.70	27.74	27.74						
P 219	73.76	22.86	22.86	6.95	158.88	22.86			
A 126	73.85	25.60	25.60						
P 220	73.79	22.86	22.86	2.15					
A 127	73.82	24.99	24.99						
A 128	73.76	25.91	25.91						
A 129	73.49	20.73	20.73						
A 130	73.21	24.69	24.69						
TOTALS			341.37		68,846.44	303.28	63.07		72,308.22
			28.45	**201.68**		**23.33**	**4.85**	**1,146.48**	
						STRIPPING RATIO		**4.81 : 1**	

ALLUVIAL DRILL HOLE RESULT SUMMARY

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

SECTION LINE 2 WESTERN RESOURCE

HOLE NUMBER	R.L. m	BASEMENT	ORIGINAL DATA			RECALCULATION			
			DEPTH WASH m	GRADE WASH g / m^3	WEIGHTED D X G	DEPTH O/B m	DEPTH WASH m	GRADE WASH g / m3	WEIGHTED D X G
A 353	72.79	25.60	25.60						
P 137	72.48	22.86	22.86	86.64	1,980.59	10.67	3.05	618.13	1,885.30
A 101	72.18	NTB	31.85						
P 136	71.87	24.38	24.38	1.74					
P 169	71.57	24.69	25.91	65.51	1,697.36	21.34	4.57	370.08	1,691.27
P 110	71.26	24.69	25.91	53.38	1,383.08	22.86	3.05	468.24	1,428.13
P 170	71.29	25.91	25.91	12.23	316.88	24.38	1.52	115.69	175.85
P 111	71.20	27.43	27.43	239.79	6,577.44	22.86	4.57	1,367.75	6,250.62
P 171	71.14	26.82	27.43	268.73	7,371.26	22.86	4.57	1,609.13	7,353.72
P 112	71.14	26.21	27.43	102.72	2,817.61	24.38	3.05	886.07	2,702.51
P 172	71.14	26.21	28.96	964.20	27,923.23	22.86	6.10	4,538.20	27,683.02
P 113	71.08	28.96	28.96	663.89	19,226.25	22.86	6.10	3,136.00	19,129.60
P 173	70.99	27.43	27.43	37.36	1,024.78	25.91	1.52	404.17	614.34
P 114	70.99	27.74	27.43	43.53	1,194.03	22.86	4.57	245.81	1,123.35
P 174	71.01	27.74	28.96	94.30	2,730.93	24.38	4.58	564.00	2,583.12
P 115	70.96	26.82	28.65	277.51	7,950.66	22.86	5.79	1,357.44	7,859.58
P 175	71.26	25.91	25.91	50.56	1,310.01	24.38	1.52	736.78	1,119.91
P 140	71.20	27.13	27.13	199.58	5,414.61	22.86	4.27	1,251.48	5,343.82
A 109	71.14	44.81	44.81						
P 221	71.17	24.08	25.91	11.56	299.52	24.08			
A 110	71.20	43.28	43.28						
P 222	71.20	19.81	19.81	1.19	23.57	19.81			
A 111	71.20	38.71	38.71						
A 112	71.29	27.13	27.13						
A 113	71.26	27.43	27.43						
A 114	71.20	24.99	24.99						
A 162	71.23	24.69	24.69						
A 163	71.66	17.68	17.68						
A 164	71.81	21.95	21.95						
A 165	72.08	17.68	17.68						
A 166	72.30	8.08	8.08						
A 167	72.60	14.33	14.33						
A 168	71.81	20.42	20.42						
A 169	72.30	30.33	30.33						
A 170	72.39	35.97	35.97						
A 171	72.60	41.45	41.45						
TOTALS			305.72		83,540.82	338.32	58.83		86,944.13
			27.79	**273.26**		**22.55**	**3.92**	**1,477.89**	

STRIPPING RATIO **5.61 : 1**

ALLUVIAL DRILL HOLE RESULT SUMMARY

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

SECTION LINE 3 WESTERN RESOURCE

HOLE NUMBER	R.L. m	BASEMENT	ORIGINAL DATA			RECALCULATION			
			DEPTH WASH m	GRADE WASH g / m^3	WEIGHTED D X G	DEPTH O/B m	DEPTH WASH m	GRADE WASH g / m3	WEIGHTED D X G
A 191	71.57	19.20	19.20						
A 192	71.34	20.73	20.73						
P 177	71.32	26.21	27.43	70.41	1,931.35	24.38	3.05	621.72	1,896.25
P 178	71.34	26.21	27.43	467.80	12,831.75	22.86	4.57	2,787.81	12,740.29
P 179	71.20	26.21	28.96	80.31	2,325.78	24.38	4.58	465.84	2,133.55
P 180	71.23	29.26	30.48	858.43	26,164.95	24.38	6.10	4,258.49	25,976.79
P 181	71.27	28.65	29.37	75.22	2,209.21	22.86	7.01	319.15	2,237.24
P 182	71.30	28.04	28.35	25.61	726.04	25.91	2.44	192.94	470.77
P 183	71.35	27.74	27.58	20.97	578.35	25.91	1.67	182.25	304.36
P 142	71.26	27.43	28.35	40.44	1,146.47	22.86	5.49	176.02	966.35
R6	71.32	**NO DATA**							
P 184	71.60	28.35	28.95	97.84	2,832.47	25.91	3.05	588.65	1,795.38
R5	71.54	**NO DATA**							
P 143	71.54	27.74	28.95	94.69	2,741.28	24.38	4.57	556.76	2,544.39
P 186	71.78	30.78	31.55	117.83	3,717.54	24.38	7.17	499.60	3,582.13
P 144	71.60	29.26	28.96	78.31	2,267.86	25.91	3.05	631.70	1,926.69
P 187	71.78	27.43	29.26	248.95	7,284.28	24.38	4.88	1,476.27	7,204.20
P 188	71.87	27.43	29.57	75.98	2,246.73	25.91	3.66	557.39	2,040.05
A 200	71.96	24.08	24.08						
A 201	72.12	25.91	25.91						
A 202	72.05	26.82	26.82						
A 203	71.87	23.47	23.47						
A 204	72.05	19.51	19.51						
A 205	72.21	17.98	17.98						
A 206	72.42	15.24	15.24						
A 207	72.76	NTB	29.26						
A 208	72.51	21.95	21.95						
A 209	72.42	15.24	15.24						
TOTALS			377.76		67,072.70	344.41	61.29		65,818.43
			29.06	**177.55**		**24.60**	**4.38**	**1,073.89**	

STRIPPING RATIO **5.61 : 1**

ALLUVIAL DRILL HOLE RESULT SUMMARY

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

SECTION LINE 4 WESTERN RESOURCE

HOLE NUMBER	R.L. m	BASEMENT	ORIGINAL DATA			RECALCULATION			
			DEPTH WASH m	GRADE WASH g / m^3	WEIGHTED D X G	DEPTH O/B m	DEPTH WASH m	GRADE WASH g / m3	WEIGHTED D X G
P 229	72.02	26.82	27.43	14.64	401.58	25.91	1.52	146.84	223.20
P 217	71.99	28.04	28.96	17.62	510.28	24.38	1.52	124.96	189.94
P 228	72.05	28.65	28.96	8.90	257.74	28.65			
P 218	72.18	29.57	30.48	9.37	285.60	29.57			
P 227	72.21	29.57	30.48	10.17	309.98	25.91	1.52	114.21	173.60
P 101	72.21	30.48	30.48	39.08	1,191.16	25.91	4.57	229.34	1,048.08
P 226	72.21	31.39	32.00	355.09	11,362.88	27.43	4.57	2,474.32	11,307.64
P 102	72.24	29.87	30.48	17.34	528.52	28.96	1.52	186.88	284.06
P 225	72.30	29.57	30.48	12.74	388.32	28.96	1.52	149.43	227.13
P 103	72.33	30.48	30.48	49.14	1,497.79	27.43	3.05	427.09	1,302.62
P 224	72.45	28.96	30.48	23.87	727.56	27.43	3.05	210.96	643.43
P 104	72.69	30.78	30.48	20.20	615.70	27.43	3.05	179.69	548.05
P 223	72.66	32.00	30.48	19.60	597.41	27.43	3.05	168.17	512.92
P 105	72.69	31.09	30.48	0.07	2.13	31.09			
P 190	72.54	28.97	28.96	21.09	610.77	27.43	1.53	145.35	222.39
P 106	73.03	32.00	33.53	172.02	5,767.83	25.91	7.62	735.87	5,607.33
P 191	72.98	NOT DRILLED							
P 107	72.94	30.78	32	232.14	7428.48	25.91	6.09	1,219.79	7,428.52
P 139	72.85	28.96	28.96	7.03	203.59	28.96			
A 210	73.15	36.27	36.27						
A 211	73.18	23.47	23.47						
A 212	73.03	16.46	16.46						
A 213	72.94	19.81	19.81						
A 214	73.00	16.46	16.46						
A 215	72.84	NOT DRILLED							
A 216	72.88	18.29	18.29						
A 217	72.94	29.26	29.26						
A 218	73.06	36.58	36.58						
A 219	74.49	38.10	38.10						
A 220	75.50	41.45	41.45						
A 221	75.99	43.28	43.28						
A 222	75.90	40.84	40.84						
A 223	75.83	39.62	39.62						
A 224	75.16	41.15	41.15						
A 225	74.25	40.54	40.54						
A 226	72.36	41.15	41.15						
TOTALS			214.88		15,718.17	331.32	39.62		29,132.18
			30.70	**73.15**		**30.12**	**3.60**	**735.29**	

STRIPPING RATIO **8.01 : 1**

ALLUVIAL DRILL HOLE RESULT SUMMARY

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

SECTION LINE 5W WESTERN RESOURCE

HOLE NUMBER	R.L. m	BASEMENT	ORIGINAL DATA			RECALCULATION			
			DEPTH WASH m	GRADE WASH g / m^3	WEIGHTED D X G	DEPTH O/B m	DEPTH WASH m	GRADE WASH g / m3	WEIGHTED D X G
A 161	73.94	34.14	34.14						
P 138	73.55	28.04	28.04	4.08	114.40	28.04			
P 210	72.54	32.00	NOT DRILLED						
5W / 4	72.27	29.87				29.87		NS?	
5W / 3	72.27	31.39				31.39		NS?	
P 210	72.42	32.00	? Duplicate number on location map						
5W / 2	72.42	30.05				30.05		NS?	
5W / 1	72.51	30.05	30.05	0.00	0.00	30.05		NS?	
5W / 11	72.69	35.05	35.05	545.00	19,102.25	28.96	6.09	3,136.69	19,102.44
5W / 12	72.94	32.00	32.00	93.23	2,983.36	28.96	3.04	889.92	2,705.36
5W / 13	73.06	33.52	35.05	157.40	5,516.87	30.48	4.57	1,207.17	5,516.77
5W / 14	73.18	35.05	35.05	247.40	8,671.37	29.57	5.48	1,582.36	8,671.33
5W / 15	73.37	35.05	36.58	40.79		30.48	3.05	457.05	1,394.00
5W / 16	73.33	33.53	28.96	81.58		28.96	4.57	586.78	2,681.58
5W / 17	73.43	30.05	30.05	18.54		27.43	3.05	181.79	554.46
5W / 18	73.43	28.96	28.96	7.42					
5W / 19	73.94	21.33							
TOTALS			167.20		36,273.85	204.84	29.85		40,625.95
			33.44	**216.95**		**29.26**	**4.26**	**1,361.00**	
						STRIPPING RATIO		**6.87 : 1**	

ALLUVIAL DRILL HOLE RESULT SUMMARY

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

SECTION LINE 6 WESTERN RESOURCE

HOLE NUMBER	R.L. m	BASEMENT	ORIGINAL DATA			RECALCULATION			
			DEPTH WASH m	GRADE WASH g / m^3	WEIGHTED D X G	DEPTH O/B m	DEPTH WASH m	GRADE WASH g / m3	WEIGHTED D X G
P 207	72.85	35.05	60.28	62.29	3,754.84	30.48	4.57	397.70	1,817.49
P 192	72.82	32.00	32.00	37.19	1,190.08	28.96	3.04	211.17	641.96
P 193	72.23	32.00	32.00	67.08	2,146.56	28.96	3.04	667.06	2,027.86
P 194	73.61	35.05	35.05	634.31	22,232.57	28.96	6.09	3,613.41	22,005.67
P 195	72.97	32.00	35.05	160.75	5,634.29	27.43	7.62	707.10	5,388.10
P 196	73.12	32.00	33.53	101.71	3,410.34	28.96	4.57	681.31	3,113.59
P 197	73.18	32.00	32.00	1.13	36.16	32.00			
P 198	73.33	32.31	35.05	65.50	2,295.78	28.96	6.09	337.78	2,057.08
P 199	73.27	32.00	35.05	77.73	2,724.44	30.48	6.09	395.66	2,409.57
P 200	73.33	32.00	33.53	131.47	4,408.19	28.86	4.57	880.69	4,024.75
P 201	73.40	32.00	32.00	20.88	668.16	30.48	1.52	247.40	376.05
5W / 16	73.33	33.53	33.53	41.58	1,394.18	28.96	4.57	586.78	2,681.58
5W / 17	73.43	30.48	30.48	18.19		27.43	3.05	181.79	554.46
5W / 18	73.61	28.96	28.96	7.42					
5W / 19	73.94	21.33				21.33			
TOTALS			239.26		40,741.75	380.92	54.82		47,098.16
			34.18	**170.28**		**29.30**	**4.57**	**859.14**	

STRIPPING RATIO **6.41 : 1**

ALLUVIAL DRILL HOLE RESULT SUMMARY

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

SECTION LINE 7 WESTERN RESOURCE

HOLE NUMBER	R.L. m	BASEMENT	ORIGINAL DATA			RECALCULATION			
			DEPTH WASH m	GRADE WASH g / m^3	WEIGHTED D X G	DEPTH O/B m	DEPTH WASH m	GRADE WASH g / m3	WEIGHTED D X G
P 108	73.67	35.97	35.97						
10W / 7	73.55	36.58	36.57	195.25	7,140.29	32.00	4.57	1,562.45	7,140.40
10W / 6	73.37	45.72	45.72	257.79	11,786.16	32.00	13.72	852.89	11,701.65
10W / 5	73.30	46.33	46.33	688.55	31,900.52	33.53	12.80	2,488.23	31,849.34
10W / 4	73.24	48.77	48.77	557.00	27,164.89	30.48	18.29	1,485.23	27,164.86
P 202	73.23	NOT DRILLED							
10W / 3	73.22	48.77	48.77	722.56	35,239.25	30.48	18.28	1,926.69	35,219.89
10W / 2	73.33	*47.24*	44.20	330.37	14,602.35	27.43	16.77	853.46	14,312.52
10W / 1	73.49	39.62	39.62	29.94	1,186.22	39.62	9.14	129.78	
P 109	73.49	NTB	32.00	9.50	304.00	42.67	9.14	33.26	304.00
A 174	73.73	44.81	44.81						
P 135	73.76	35.40	36.57	115.25	4,214.69	30.48	6.10	650.94	3,970.73
A 175	73.82	42.37	42.37						
P 134	73.88	32.00	32.00	45.23	1,447.36	30.48	1.52	618.12	939.54
A 176	73.94	32.92	32.92						
A 177	73.97	32.92	32.92						
A 178	74.28	24.08	24.08						
A 179	74.13	25.60	25.60						
A 180	76.05	22.56	22.56						
TOTALS			270.36		134,985.74	329.17	110.33		132,602.94
			45.06	**499.28**		**32.92**	**11.03**	**1,201.88**	

STRIPPING RATIO **3.64 : 1**

ALLUVIAL DRILL HOLE RESULT SUMMARY

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

SECTION LINE 8 WESTERN RESOURCE

HOLE NUMBER	R.L. m	BASEMENT	ORIGINAL DATA			RECALCULATION			
			DEPTH WASH m	GRADE WASH g / m^3	WEIGHTED D X G	DEPTH O/B m	DEPTH WASH m	GRADE WASH g / m3	WEIGHTED D X G
P 145	74.61	NOT DRILLED							
P 124	74.77	36.88	38.10	191.68	7,303.01	32.00	6.10	1,197.25	7,303.23
P 211	74.86	NOT DRILLED							
P 212	74.55	NOT DRILLED							
P 123	74.55	52.40	53.34	332.48	17,734.48	33.53	19.81	883.16	17,495.40
P 213	74.52	NOT DRILLED							
P146	74.62	NOT DRILLED							
P 214	74.52	NOT DRILLED							
P 147	74.55	NOT DRILLED							
P 215	74.37	NOT DRILLED							
TOTALS			91.44		25,037.49	65.53	25.91		24,798.62
			45.72	**273.81**		**32.77**	**12.96**	**957.11**	

STRIPPING RATIO **2.53 : 1**

ALLUVIAL DRILL HOLE RESULT SUMMARY

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

SECTION LINE 9 WESTERN RESOURCE

HOLE NUMBER	R.L. m	BASEMENT	ORIGINAL DATA			RECALCULATION			
			DEPTH WASH m	GRADE WASH g / m^3	WEIGHTED D X G	DEPTH O/B m	DEPTH WASH m	GRADE WASH g / m3	WEIGHTED D X G
20W / 5	75.60								
P 216	75.90	33.83	33.83	62.30	2,107.61	30.48	4.57	397.00	1,814.29
20W / 4	75.90								
20W / 6	75.80								
20W / 3	75.80								
P 133	75.50	50.60	52.12	109.18	5,690.46	47.24	4.88	860.54	4,199.44
20W / 2	75.60								
P 132	75.50	47.55	48.16	46.84	2,255.81	41.15	7.01	280.99	1,969.74
P 131	75.50	42.37	44.20	17.25	762.45	41.15	1.52	263.27	400.17
20W / 1	75.70								
A 354	76.32	44.20	44.20						
A 355	76.70	48.46	48.46						
A 356	77.47	45.72	45.72						
A 357	78.46	45.72	45.72						
A 358	79.20	48.16	48.16						
A 359	80.04	33.83	33.83						
A 360	80.30								
A 361	80.90	34.14	34.14						
A 362	81.40	34.14	34.14						
A 363	81.70	33.53	33.53						
TOTALS			178.31		10,816.34	160.02	17.98		8,383.64
			44.58	**60.66**		**40.01**	**4.50**	**466.28**	

STRIPPING RATIO **8.89 : 1**

ALLUVIAL DRILL HOLE RESULT SUMMARY

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

SECTION LINE 10 WESTERN RESOURCE

HOLE NUMBER	R.L. m	BASEMENT	ORIGINAL DATA			RECALCULATION			
			DEPTH WASH m	GRADE WASH g / m^3	WEIGHTED D X G	DEPTH O/B m	DEPTH WASH m	GRADE WASH g / m3	WEIGHTED D X G
A 145	75.77	29.26	29.26						
A 146	76.84	33.22	33.22						
A 147	77.14	36.58	36.58						
P 125	76.90	40.50	39.62	21.53	853.02	33.53	6.09	132.30	805.71
A 148	76.50	39.32	39.32						
P 126	76.50	46.94	47.24	132.14	6,242.29	36.58	10.66	578.80	6,170.01
A 149	76.78	40.23	40.23						
P 127	77.40	59.74	56.08	253.73	14,229.18	39.62	16.46	861.11	14,173.87
A 150	77.90	45.72	45.72						
P 128	78.20	53.60	53.65	72.63	3,896.60	38.10	15.55	203.84	3,169.71
A 151	78.30	48.46	48.46						
P 129	78.60	50.30	50.29	36.03	1,811.95	42.67	7.62	201.52	1,535.58
A 152	78.94	46.63	46.63						
P 130	79.00	47.55	47.55	3.71					
A 153	79.10	45.11	45.11						
A 154	80.00	42.37	42.37						
A 155	80.62	41.76	41.76						
A 156	81.10	32.31	32.31						
A 157	81.84	29.87	29.87						
A 158	82.54	33.53	33.53						
A 159	83.03	30.48	30.48						
A 160	80.86	26.82	26.82						
TOTALS			242.92		24,368.07	190.50	56.38		25,854.88
			48.58	**155.24**		**38.10**	**11.28**	**458.58**	

STRIPPING RATIO **3.50 : 1**

10.2 RESOURCE CALCULATION SHEETS

ORE RESOURCE CALCULATION SHEET

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

OVERBURDEN INCLUSIVE **MAIN RESOURCE** WESTERN RESOURCE

SECTION NUMBER	ORIGINAL DATA						
	AVERAGE	SEPARATION m	SECTIONAL AREA m^2	AVERAGE GRADE g / m^3	WEIGHTED A X G	VOLUME m^3	WEIGHTED GRADE g / m^3
0			0.00	201.68	0.00		
0 - 1	Average	60		201.68		118,000	23,798,240
1			5,900	201.68	1,189,912		
1 - 2	Average	260		239.56		1,627,978	389,990,421
2			6,630	273.26	1,811,714		
2 - 3	Average	177		224.07		1,206,984	270,451,032
3			7,010	177.55	1,244,626		
3 - 4	Average	122		126.05		843,910	106,373,159
4			6,825	73.15	499,249		
4 - 5W	Average	60		216.95		398,803	86,520,223
5W			6,470	216.95	1,403,667		
5W - 6	Average	40		129.42		315,581	40,843,321
6			9,400	170.28	1,600,632		
6 - 7	Average	100		334.17		936,498	312,944,991
7			9,330	499.28	4,658,282		
7 - 8	Average	150		415.51		1,100,993	457,470,423
8			5,516	273.81	1,510,336		
8 - 9	Average	180		161.23		1,051,632	169,552,124
9			6,175	60.66	374,576		
9 - 10	Average	150		115.17		1,088,854	125,402,492
10			8,400	155.24	1,304,016		
10 - 11	Average	150		163.30		420,000	68,586,000
11			0	155.24	0.00		
TOTAL							2,051,932,427
AVERAGES				225.26		9,109,233	

CONTAINED TIN CONCENTRATE **2,052** **tonnes**

PREVIOUS RESOURCE *250.4* *6,775,399*
CONTAINED TIN CONCENTRATE *1,697* *tonnes*

ORE RESOURCE CALCULATION SHEET

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

OVERBURDEN ONLY WESTERN RESOURCE

SECTION NUMBER	RECALCULATED DATA						
	AVERAGE	SEPARATION m	SECTIONAL AREA m^2	AVERAGE GRADE g / m^3	WEIGHTED A X G	VOLUME m^3	WEIGHTED GRADE g / m^3
0			0.00				
0 - 1	Average	60				96,400	
1			4,820				
1 - 2	Average	260				1,332,987	
2			5,440				
2 - 3	Average	177				997,283	
3			5,831				
3 - 4	Average	122				721,666	
4			6,000				
4 - 5W	Average	60				345,019	
5W			5,670				
5W - 6	Average	40				305,467	
6			9,400				
6 - 7	Average	100				803,322	
7			6,740				
7 - 8	Average	150				808,938	
8			4,150				
8 - 9	Average	180				869,523	
9			5,545				
9 - 10	Average	150				903,888	
10			6,520				
10 - 11	Average	150				326,000	
11			0				
TOTAL							
AVERAGES						7,510,494	

ORE RESOURCE CALCULATION SHEET

PROJECT: Endurance **TENEMENT:** E.L 11/2000 **DATE:** 20/09/2002

BASAL WASH ONLY WESTERN RESOURCE

SECTION NUMBER	RECALCULATED DATA						
	AVERAGE	SEPARATION m	SECTIONAL AREA m^2	AVERAGE GRADE g / m^3	WEIGHTED A X G	VOLUME m^3	WEIGHTED GRADE g / m^3
0			0.00	1,146.48	0.00		
0 - 1	Average	60		226.54		21,600	4,893,264
1			1,080	1,146.48	1,238,198		
1 - 2	Average	260		1,320.21		294,984	389,442,811
2			1,190	1,477.89	1,758,689		
2 - 3	Average	177		1,276.74		209,744	267,789,523
3			1,180	1,073.89	1,267,190		
3 - 4	Average	122		937.08		120,032	112,479,438
4			800	735.29	588,232		
4 - 5W	Average	60		1,189.89		48,000	57,114,914
5W			800	1,361.00	1,088,800		
5W - 6	Average	40		801.20		34,176	27,382,071
6			910	859.14	781,817		
6 - 7	Average	100		1,112.77		167,841	186,767,650
7			2,590	1,201.88	3,112,869		
7 - 8	Average	150		1,117.40		291,763	326,016,107
8			1,365	957.11	1,306,455		
8 - 9	Average	180		802.11		175,340	140,642,227
9			630	466.28	293,756		
9 - 10	Average	150		460.51		179,915	82,853,170
10			1,880	458.58	862,130		
10 - 11	Average	150		163.30		94,000	15,350,200
11			0	458.58	0.00		
TOTAL							1,610,731,376
AVERAGES				983.72		1,637,395	

CONTAINED TIN CONCENTRATE **1,611** **tonnes**

PREVIOUS RESOURCE *250.4* *6,775,399*
CONTAINED TIN CONCENTRATE *1,697* *tonnes*