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PROJECT NAME:

AUSTRALIAN ANGLO AMERICAN - TRIAKO

RINGAROOMA JOINT VENTURE

TITLE:

Drilling Proposals, 1.9.82 - 31.3.83

OPEN FILE

AREA NAME/S, STATE 1:250,000 SHEET NO/S & COORDINATES:

Ringarooma Valley
SK55-4 Launceston
E5 76000 N54 55000

COMMODITY/IES: Tin

TEXT PAGES NO: 6

PLAN NOS: TAS-10-4]

TABLE NOS:

APPENDICES:

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DATE: 15.9.82

82-1819

AUSTRALIAN ANGLO AMERICAN LIMITED

Incorporated in the State of Victoria

AUSTRALIAN ANGLO AMERICAN PROSPECTING
PROPRIETARY LIMITED - TRIAKO RINGAROOMA
JOINT VENTURE
DRILLING PROPOSALS

1st September, 1982 to 31st March, 1983.

1. OBJECTIVES AND GENERALISED PROGRAMME

The objective of the drilling programme is to determine the extent of the alluvial tin mineralisation of the Eastern Ringarooma Basin between the Endurance and Pioneer Leads, and to test the Arba, East Banca and Scoloch areas for tin mineralisation.

The generalised programme is to continue to test the Eastern and South Endurance Leads with the two Amdex Churn Drills until the arrival of the Davis Reverse Circulation Rig (R.C.) in October. The R.C. rig, between October and December, will drill the Eastern Ringarooma Basin followed by extensions to the Endurance and Pioneer Leads. From January to March, the two Amdex churn drills will drill the Arba, East Banca and Scoloch areas.

2. SPECIFIC AREAS

2.1 Eastern Ringarooma Basin (E.L. 2/77)

The objective is to determine the overall structure of the basement of the Tertiary Basin between the Endurance and the Pioneer Mines, to determine the nature and history of sedimentation within the basin and to test for tin mineralisation.

Initially, 18 holes will be drilled to basement on a 1km. square pattern. Assessment of the results of this drilling will be used to indicate drilling aimed more specifically at alluvial cassiterite deposits.

2.2 Endurance Lead (E.L. 2/77)

The objective is to determine the reserves of cassiterite within the western portion of the Endurance Lead, i.e. the portion of the lead which has so far been tested only by auger drilling, which has shown the location of the lead, but not the grade of the tin mineralisation.

Previous drilling at Endurance was related to a base line oriented at 244 M, and this practice will be followed. For convenience of planning, cross lines 160 metres apart are identified alphabetically, starting with line "A" 80 metres west of the last line of churn drill holes (P125 to P130). On the cross lines, hole sites are 40 metres apart and are numbered northwards from "1" on the base line. Thus site C4 is located 400 metres west of line P125 to P130 and 120 metres north of the base line.

It is planned to drill on lines 320m apart. Holes will be 40m apart where auger drilling is closely spaced, spreading to 80m or 160 m apart where the auger holes are widely spaced. When the location of the lead has been established by the widely spaced holes, in-fill holes at 40m intervals will be drilled to determine the grade.

Some holes will be drilled to complete the Hasties and Clarence drilling. Also, one line of 5 holes (the East-West line) will be drilled to test for the extension of the Endurance Lead to the south. The location for this line of holes will be determined by consideration of the results of the Endurance drilling.

2.3 Eastern and South Endurance Leads (E.L. 2/77)

The objective is to test these leads for alluvial cassiterite deposits. The South Endurance Lead has been indicated by past auger drilling. The Eastern Lead system is being tested by churn drilling, and this testing will continue and be extended to test the South Endurance Lead by extending the drilling on Line 5 (E78400) and Line 6 (E78000).

2.4 Pioneer Lead (E.L. 2/77)

The objective is to test for extensions to the Pioneer Lead.

The Pioneer Lead appears to spill out from a confined gutter on to a broad flat "delta", which has in part been mined, and in part tested by drilling on a square pattern. The planned drilling will continue this testing by drilling at 100m. and 200m. spacing.

2.5 East Banca

Auger drilling has shown the presence of a gutter and the objective is to test this gutter for cassiterite mineralisation by drilling a line of churn drill holes across the gutter.

2.6 Scoloch Lead (A.P. 1/80)

Drilling at the north end of the Scoloch Lead has shown an anomalous basement structure, and the objective is to test the structure for cassiterite mineralisation by churn drilling.

2.7 Arba Area (E.L. 28/76)

The objective is to complete the drill section seeking the extension to the Arba Lead to the north-west of Arba Hill, and to test the shallow shingle beds located in the Ringarooma River Flats north of Arba Hill for tin mineralisation by churn drilling.

2.8 Dorset Dredge tailings, East Ringarooma Basin (E.L. 2/77)

The objective is to determine the tin content of the tailings from the old Dorset Dredge to see if there is any potential for re-working. If there is no potential, this part of E.L. 2/77 could be dropped. Four R.C. holes are proposed for this programme.

4.

3. DRILLING BUDGET

	\$	\$
Original allocation	100,000	
Supplementary allocation	50,000	
<u>TOTAL ALLOCATION</u>	<u>150,000</u>	150,000
Drill expenditure, 4 months 1/4/82 to 31/7/82		
Ringarooma	13,578	
South Esk	5,261	
<u>TOTAL EXPENDITURE</u>	<u>18,839</u>	
Anticipated expenditure, 2 months 1/8/82 to 30/9/82		
2 churn rigs, 2 months	13,000	
Total expected expenditure, 6 months 1/4/82 to 30/9/82	31,839	<u>31,839</u>
Then allocation available, 6 months 1/10/82 to 31/3/83		118,161
Anticipated expenditure, 3 months 1/10/82 to 31/12/82		
R.C. mobilisation-demobilisation	10,000	
Drill on costs (site access preparation)	5,000	
5000m R.C. drilling @ \$16 per m.	80,000	
	<u>95,000</u>	<u>95,000</u>
Then allocation available, 3 months 1/1/83 to 31/3/83		23,161
3 months drilling for 2 churn drill rigs 1/1/82 to 31/3/82	19,500	<u>19,500</u>
Reserve		<u>3,661</u>

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4. DETAILED PROGRAMME4.1 September, 1982 - Churn DrillingEastern and South Endurance Leads

Approximately 8 holes will be drilled on Lines 5 and 6 across the projected extensions of the leads.

4.2 October to December - Reverse Circulation drilling

<u>Location</u>	<u>Coordinates</u>		<u>Mean Depth (m)</u>	<u>No. of Holes</u>	<u>Total Depth (m)</u>	<u>Cumulative Total (m)</u>
	<u>E</u>	<u>N</u>				
East Ringarooma Basin	78	55 & 56	50	2	100	
	77	54, 55, 56, 57, 58	70	5	350	
	76	51, 52, 53, 54, 55, 56, 57	80	7	560	
	75	51, 53, 55, 57	100	4	400	
				18	1410	1410
Endurance Lead (N.B. - (I) = Infill Holes)	A	1, 2, 3, 4, 5, 6	50	6	300	
	C	4, 5, 6	55	3	165	
	E	2, 4, 6, 8	60	4	240	
	E(I)		60	2	120	
	G	2, 5, 7	60	3	180	
	G(I)		60	3	180	
	I	2, 6, 10	65	3	195	
	I(I)		65	3	195	
			60	5	300	
			40	2	80	
			40	2	80	
				36	2035	3445
Pioneer	71	14	40	1	40	
	69	13, 14, 15, 17, 18, 19	45	6	270	
	67	12, 14, 16, 18	50	4	200	
	65	12, 14, 16, 18, 20, 22, 24, 26, 28	50	9	450	
				20	960	4405
Dorset Flats Dredge tailings			40	4	160	4565
Follow up drilling East Ringarooma Basin			54	8	435	5000
				86	5000	

TOTAL

86 5000

6.

4.3 January - March, 1983 Churn drilling4.3.1 Arba Area (E.L. 28/76)

Drilling here is designed to test the extent and grade of the perched mineralisation indicated by the 1981 drilling, and to further define the basement structure.

(a) To test the perched mineralisation -
9 holes at 50m interval between the Roma and Groper Ponds. The central hole should be extended to basement.

(b) To define the basement structure and test for mineralisation -
1 hole at E562900 N5443650
1 hole at E563590 N5443500
(Redrill Mines Dept. 1937 No. 4 hole)

Total -	8 holes at 12 m	-	96m
	3 holes at 60m	-	180m
			<u>276m</u>

4.3.2 East Banca (E.L. 2/77)

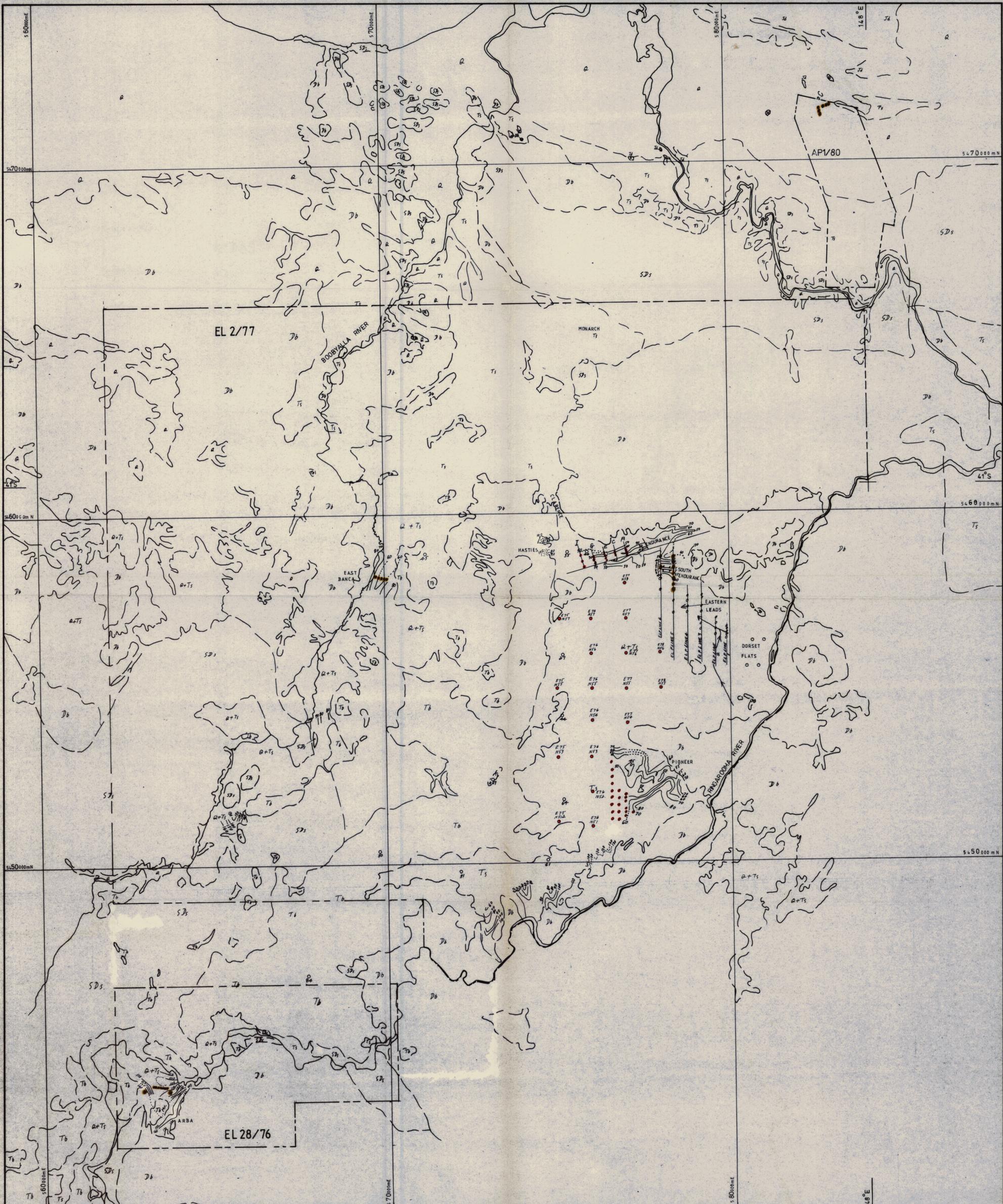
One or two lines of 5 holes spaced 80 metres apart will be required.

4.3.3 Scoloch (A.P. 1/80)

Six holes, average depth 40metres will be required here.

Bruce D. Mellor

Bruce D. Mellor
Divisional Geologist
TASMANIA



PROJECT	AUSTRALIAN ANGIO AMERICAN LTD	
AREA	AAA-AMDEX JV	
DATA	RINGAROOMA 82-1819	
COMPILED	1/9/82 to 31/3/83	DRILLING PROPOSALS
DRAWN	32/1 - 7/82	SCALE 1:50 000
AMENDED	REF No TAS-10-41	

722008

Q	QUATERNARY SEDIMENT		BASEMENT CONTOURS, RL IN METRES ASL
Tb	TERTIARY BASALT		BASEMENT CONTOURS, LESS RELIABLE
Ts	TERTIARY SEDIMENT		DRILL HOLE, BASEMENT RL IN METRES
Jd	JURASSIC DOLERITE		PROPOSED R.C. HOLE
Ps	PARMEENAR SUPERGROUP		PROPOSED C.D. HOLE
Db	BLUE TIER BATHOLITH		
SDs	MATHNNA BEDS		
	EL BOUNDARY		

5 cm