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Received Answered				17 DEC 1981
DEPT. OF MINES				E & IL
REF. No.				

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PROJECT NAME: EXPLORATION LICENCE NO 22/80, SOUTH ESK

TITLE: QUARTERLY REPORT TO THE TASMANIAN GOVERNMENT

DEPARTMENT OF MINES FOR THE
QUARTER ENDING 28 NOVEMBER 1981

OPEN FILE

AREA NAME/S, STATE 1:250,000 SHEET NO/S & COORDINATES: 1:250 000 Sheet SF 5504 Launceston

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PLAN NOS:

TAS-9-4 and TAS-9-50

TABLE NOS:

APPENDICES:

AUTHOR/S:

Bruce D Mellor

DATE:

7 December 1981

AUSTRALIAN ANGLO AMERICAN LIMITED

Incorporated in the State of Victoria

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EXPLORATION LICENCE NO 22/80, SOUTH ESK

QUARTERLY REPORT TO THE TASMANIAN GOVERNMENT

DEPARTMENT OF MINES FOR THE QUARTER ENDING 28 NOVEMBER 1981

1. Tenement

EL 22/80 is located over the valley of the South Esk River to the north of the town of Fingal, in the Land District of Comwall. The location is shown on the attached plan TAS-9-4.

2. Prospecting Objective

The objective is to prospect the alluvial deposits of the valley of the South Esk river for economic alluvial gold deposits.

3. Work Done

The alluvials to the north of Beauty Flat Road were sampled by drilling with holes 80 metres apart on lines approximately 800 metres apart. In all 233 holes, totalling 2 526.25 metres were drilled in twenty-one days. The machine used was a Jetstream reverse circulation air blast rig which drills a BW sized hole (59.9mm diameter) to depths of approximately 100 metres. The drilling contractor was Kitching Jetstream Exploration Testing Pty Ltd. Samples were transported to Amdex Mining Ltd's sample preparation room at Pioneer where the samples were deslimed then concentrated by cradling and panning. The concentrates were assayed for gold by Analabs Pty Ltd, Cooe, by fire assay followed by AAS gold determination.

4. Results

4.1. Sedimentry

The alluvials were shallower than expected, seldom being deeper than 8 metres. The generalised section is as follows:

- 0 - 2m Clayey gravel or medium to high tenacity clay.
- 2 - 6m Clayey granular to pebbly gravel, clasts consisting of quartz, sandstone (occasionally schistose), shale and minor dolerite, granodiorite and mica with rare clay lenses.
- Below 6m Basement of either Mathinna Group sandstone to shale lithologies or dolerite.

2.

4.2. Assays

So far, only about one third of the assay results have been received from the laboratory. Results to date have been fairly low. The best intersection so far is Hole No 5, where the grade from 0 - 8 metres is 0.087g Au/m³.

5. Future Programme

A considerable amount of basic work remains to be done before the results of the drilling can be assessed. This work includes:

- (a) Completion of concentrating of samples.
- (b) Completion of assay of sample concentrates.
- (c) Surveying locations and reduced levels of holes.

When the results of the drilling have been assessed, a programme of further exploration will be devised. Work envisaged includes:

- (i) Checking the quality of the Jetstream sample by reliable check sampling.
- (ii) If warranted, closer spaced drilling to better define the extent and grade of the alluvial deposits.

6. Expenditure

A statutory declaration of the expenditure is attached.



B D Mellor
Divisional Geologist

BDM:AML

7 December 1981

Approved by



R J Kernick
Exploration Manager

I, OSVALDO TIBURCIO FILOMENO FONSECA OF 56 Partridge Crescent, Frankston in the State of Victoria, Accountant DO SOLEMNLY AND SINCERELY DECLARE as follows:

- 1. That the details of work for the three months ending 30 November 1981 on Exploration Licence 22/80 are described in the accompanying report.
- 2. That in the three months ending 30 November 1981 we have expended \$114 585 on work on Exploration Licence 22/80 and that this is further broken down into:

	\$
(a) Field staff and associated costs	(2 623)
(b) Operating costs	5 368
(c) Tenement costs	507
(d) Specialist services	31 512
(e) Project management	6 940
(f) Drilling	72 669
(g) Contractors	-
(h) Capital expenditure	212
	\$114 585

AND I MAKE this solemn declaration conscientiously believing the same to be true and by virtue of the provisions of an Act of the Parliament of Victoria rendering persons making a false declaration punishable for wilful and corrupt perjury.

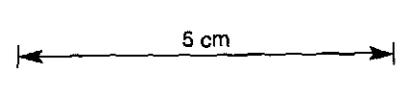
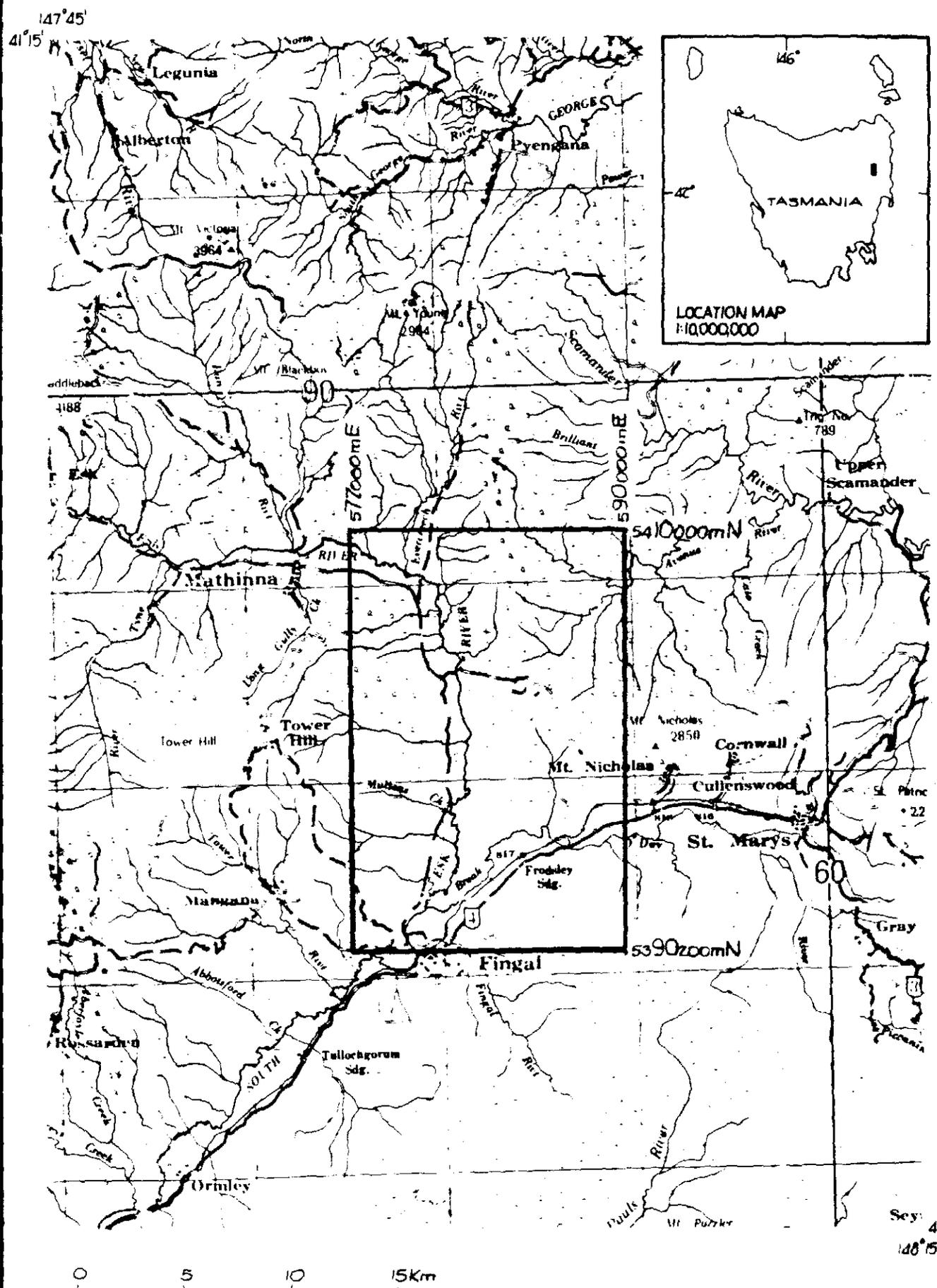
DECLARED AT Melbourne)
)
 in the State of Victoria)
)
 this 14th day of) O. Fonseca
)
 December 1981)

Before me:



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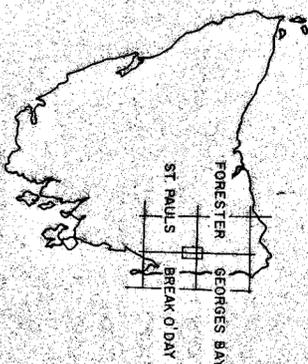
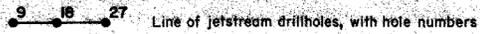
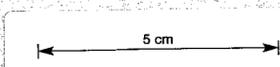
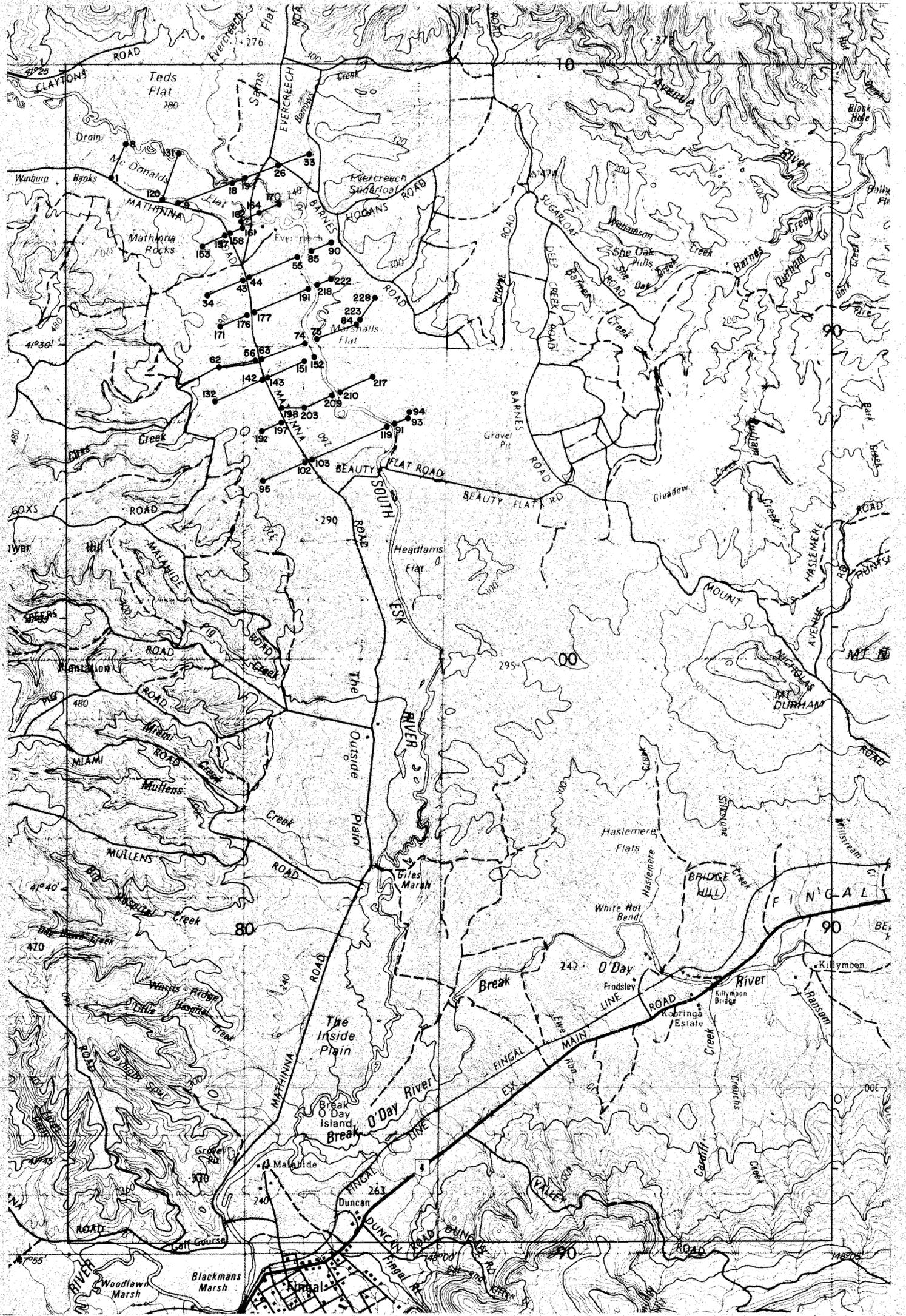


AUSTRALIAN ANGLo AMERICAN LIMITED

SOUTH ESK PROJECT
 EL 22/80 - TASMANIA
 LOCATION MAP

82-1670

COMPILED MPE | DRAWN HD 4/80 | SCALE 1:250000 | TAS-9-4



82-1670

AUSTRALIAN ANGLo AMERICAN LTD	
PROJECT	SOUTH ESK PROJECT
AREA	EL 22/80 - TASMANIA
DATA	JETSTREAM DRILLHOLE LOCATIONS
COMPILED	T.K.S.
DRAWN	12/81
AMENDED	
SCALE	1:50,000
REF No	TAS-9-50

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