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TASMANIA DEPARTMENT OF MINES

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DRSG

REPORT ON THE TIN AND CHROMITE OCCURRENCE AT
LITTLE PLAINS, ROCKY RIVER DISTRICT - EL4/61.

RECEIVED	21 JUL 1980	REGISTER
ANSWERED		E&I
DEPT. OF MINES		
REF. No. 5382/80		

A. INTRODUCTION

Little Plains is situated approximately 500 metres south-west of Brown Plains. The general topography and geological features of Little Plains are similar to those of Brown Plains (see my Report on the Tin Occurrence at Brown Plains, Rocky River District, EL4/61 - 31 May 1980); however, the quartz rubble is known to contain chromite, believed to have been shed from a belt of serpentine occurring to the west. A 100 metre grid was laid out and an auger sampling programme implemented over Little Plain to test the tin and chromite content.

*VT
not by records
+ file report*

B. 100 METRE GRID (Location and Analyses - Map 1)

(i) General

The sampling grid at Little Plains was laid out using the Brown Plains 100 metre grid as control. Auger samples were collected at 100 metre intervals along the grid. Some 41 samples were taken, but owing to the unfavourable results obtained from the Brown Plains programme, only twelve (12) selected samples were forwarded to the Tasmanian Department of Mines laboratories for analysis of tin (Sn) and chromite (Cr₂O₃) content.

(ii) Results (Assays Attached)

Very little tin or chromite was observed in the samples collected. This was verified by the analytical results. Only one tin value of significance was obtained, namely 0.04% (400g/tonne) for grid location 0/600S. No chromite (Cr₂O₃) of significance was obtained.

C. CONCLUSIONS

On the basis of the above results and the results of the tin sampling programme at Brown Plains (see my reports of 31 May and 11 July 1980), no further investigation of this area is warranted.

M. D. Edyvean

12 July 1980

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DEPARTMENT OF MINES--TASMANIA

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287 WELLINGTON STREET
SOUTH LAUNCESTON 7250

TELEPHONES:
Metallurgical Research }
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Mines Inspection } (2 lines)
Explosives & Inflammable Liquids }

21st May 1980

Industrial & Mining Investigation P/L,
Suite 3709,
Australia Square,
Sydney 2000
N.S.W.

c.c. to Mr. Edyvean,
13 Blaydon Street,
LAUNCESTON 7250

Dear Sir,

Please find below results of samples submitted to this laboratory on the 9th April & 15th April '80, and stated to be from Browns Plains & Little Plains E.L. 4/61.

801035	0 - 400S	Little Plains	0.01	<0.1
037	0 - 600S		0.04	<0.1
039	100E - 200N		0.01	<0.1
040	100E - 100N		< 0.01	<0.1
044	100E - 400S		0.02	<0.1
046	100E - 600S		0.02	<0.1
048	200E - 200N		0.01	<0.1
051	200E - 100S		0.01	<0.1
058	300E - 200N		0.02	<0.1
059	300E - 500S		<0.01	<0.1
061	300E - 700S		<0.01	<0.1
063	100W - 0		<0.01	<0.1

Yours faithfully,

(H. K. Wellington)
Chief Chemist & Metallurgist.

Analyses by...

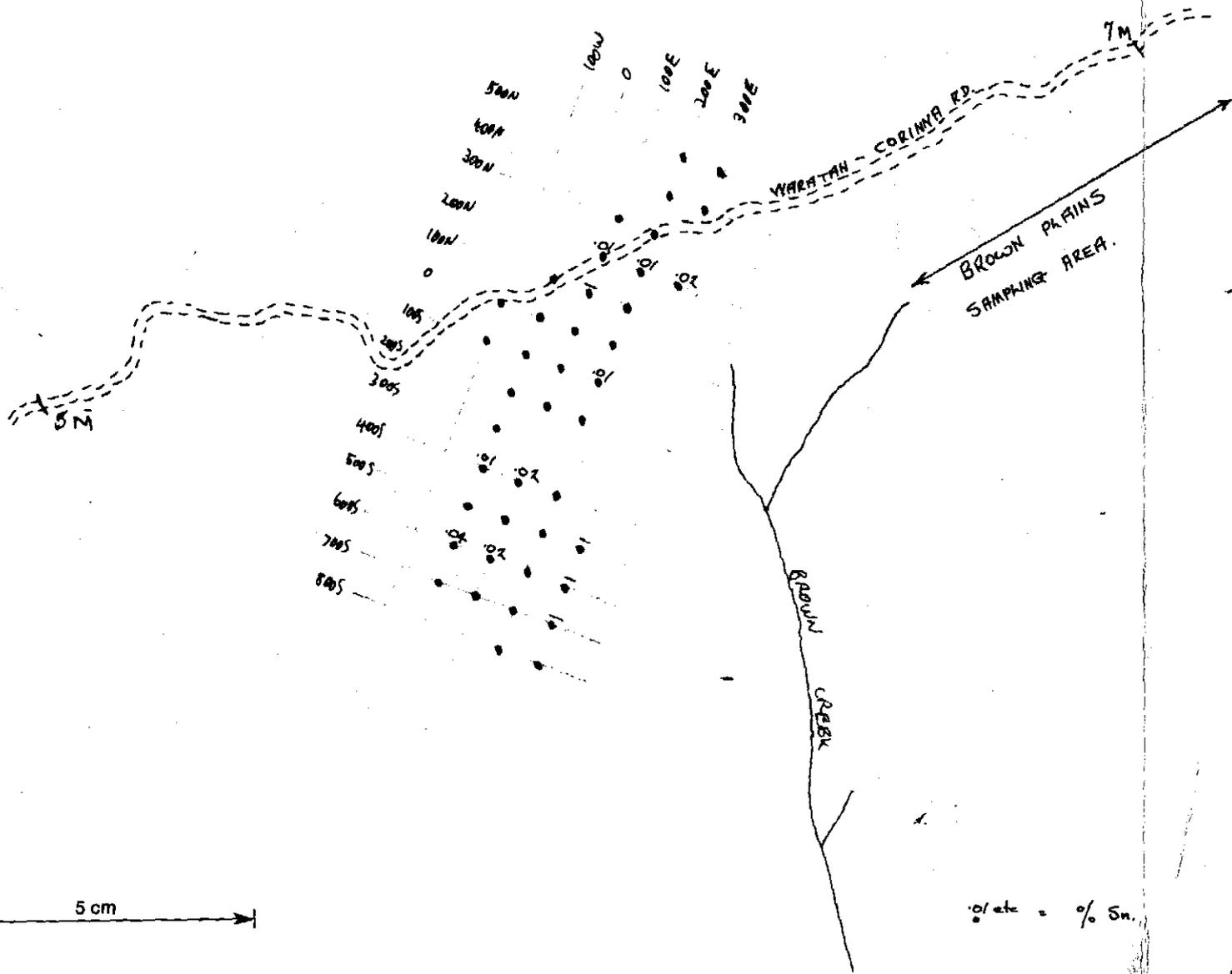
MAP 1

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THE LITTLE PLAIN GRID (100m) - EL. 4/61

TIN SAMPLING PROGRAMME

GRID BEARINGS (MAGNETIC) 10°-100°-190°-280°



5 cm

SCALE 1:15840

80-1458

0/ etc = % Sn.

M. EDYUEAN

JULY 1960