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ASARCO (AUSTRALIA) PTY. LTD.

PROGRESS REPORT, MT. ROLAND PROSPECT
ON E.L. 7/73 PARADISE
TASMANIA

Collated by
H.C. Williamson

August 1975

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INTRODUCTION

The Mt. Roland Prospect is located at Latitude 41°26'S, 46°16'E near the centre of E.L. 7/73 (area 429 square km) on the northern slopes of Mt. Roland. The location of the prospect is shown on the attached Plan 5200 which also shows the boundaries of the E.L.

not attached

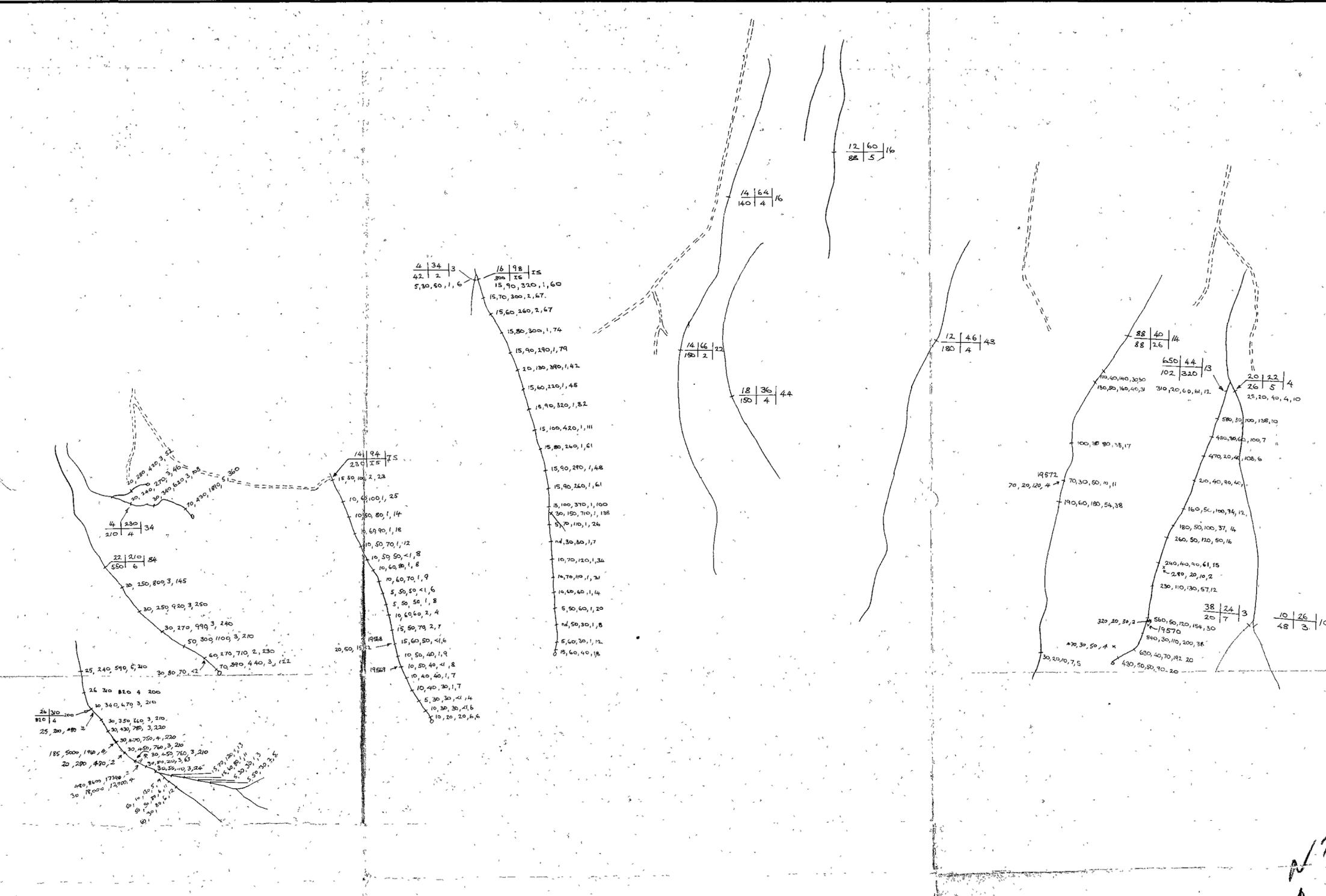
STREAM SEDIMENT SAMPLING

Initially, 15 samples were collected from streams draining the northern slope of Mt. Roland and assayed for copper, lead, zinc, cold extractable copper and zinc by Atomic Absorption Spectrophotometry. Of the 15 samples collected, six gave an anomalous result for at least one element. Subsequently, follow-up samples were collected from the streams and assayed by an identical method. The results of both surveys are plotted on Plan 5207.

FOLLOW UP SAMPLING

The source of the anomalies was suspected to be minor squib mineralization examined by an adit driven into the side of Mt. Roland. Rock chip samples were collected across the outcrop on either side of the mine adit and assayed for copper, lead, zinc and silver. The location of the samples and the results are plotted on Plan 5229. In addition, two bush lines approximately 200 metres and 600 metres north of the adit were sampled at 25 metre intervals and assayed for copper, lead, silver and zinc. The location of the samples and the results of the sampling are shown on Plan 5229. The results confirm the presence of mineralization in the vicinity of the Mt. Roland adit. There is a need for further follow up soil programme to extend and define the soil anomaly which is considered to be unrelated to the mineralization in the adit.

H.C. WILLIAMSON



REFERENCE

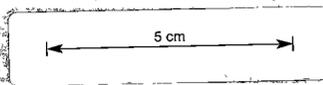
$\begin{matrix} \text{Cu} & \text{Pb} & \text{Zn} \\ \hline \text{Zn} & \text{Cu} & \text{Cu} \end{matrix}$ Reconnaissance stream sediment sample

$\begin{matrix} \text{Cu} & \text{Pb} & \text{Zn} & \text{Cd} & \text{Ag} \\ \hline \text{Zn} & \text{Cu} & \text{Cu} & \text{Cu} & \text{Cu} \end{matrix}$ Follow-up stream sediment sample

$\begin{matrix} \text{Cu} & \text{Pb} & \text{Zn} & \text{Ag} \\ \hline \text{Zn} & \text{Cu} & \text{Cu} & \text{Cu} \end{matrix}$ Rock sample

SCALE 1:8360 (approx)

0 5 metres



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ASARCO (AUSTRALIA) PTY. LTD.		
E L 7/73 PARADISE TASMANIA 75-1119		
MT ROLAND ANOMALY 046		
STREAM SEDIMENT SAMPLE RESULTS		
COMPILED: TONY	FILE	PLAN NO
DRAFTED: WEBB		5207
CHECKED:	DATE 15/11/74	

