

REPORT ON THE OCCURRENCE OF URANIUM
MINERALISATION AT THE ANCHOR TIN DEPOSIT

1. INTRODUCTION

The presence of anomalous radioactivity at the Anchor workings has been documented in the following open file reports

"Radioactive Material at the Anchor Mine"

by T.D. Hughes, Mines Department. Undated, 1950's

"Radioactive Prospects - Blue Tier Area"

by L.C. Noakes, B.M.R. Undated, 1950's OFR 33/1

"Blue Tier Uranium Prospect - Tasmania"

by P.G. Miller, Enterprise Exploration Co., 23/8/55 OFR 33/2

The demonstration of significant uranium mineralisation associated with the known tin mineralisation can be viewed in several contexts i.e.

- a) an economic abundance of uranium mineralisation would add to the commercial prospects of the deposit as a potential by-product.
- b) a lesser abundance of uranium mineralisation might pose a potential environmental problem.
- c) the correlation of uranium and tin mineralisation might provide an exploration technique.

This report is directed to items (a) and (b).

2. PREVIOUS WORK

Hughes obtained two samples in a small adit immediately adjacent to DDH2 on the Eastern Face. The samples described were in and near micaceous material developed at the pegmatitic contact between the Anchor Granite and the Poimena Adamellite.