

C1

COMMONWEALTH OF AUSTRALIA

DEPARTMENT OF NATIONAL DEVELOPMENT
BUREAU OF MINERAL RESOURCES
GEOLOGY AND GEOPHYSICS

RECORDS:

1942/31B

Preliminary report on drill holes Nos. 22-24,
King Island

by

P. B. Nye

The information contained in this report has been obtained by the Department of National Development, as part of the policy of the Commonwealth Government, to assist in the exploration and development of mineral resources. It may not be published in any form or used in a company prospectus without the permission in writing of the Director, Bureau of Mineral Resources, Geology and Geophysics.

PRELIMINARY REPORT ON DRILL HOLES NOS. 22, 23 & 24.

KING ISLAND.

Drill Hole No. 22 (site 2G)

This hole was drilled to a depth of 331.5 feet. The ore-bearing zone was passed through between 36.2 and 141 feet. The scheelite contents were not regularly distributed throughout the zone. The only grades above 1% W03 were samples C4 and C5 on the hanging wall side and sample C14 on the footwall side. Some calculated averages are as follows:-

Based solely on amount of core recovered.

C4 to C14 inclusive	0.47%	87.6 feet.
{ C4 to C8 inclusive	0.63%	31.9 " : }
{ C14	1.0%	4.9 " : }
{ C4 to C5 inclusive	1.12%	8.2 " : }
{ C14	1.0%	4.9 " : }

It will be noted that the actual lengths represented by the above samples would be 104.8, 45.3, 3.1, 14.9 and 5.1 respectively.

Allocating the core recovered to the full length of the sample.

C4 to C14 inclusive	0.51%	104.8 feet.
C4 to C8 inclusive	0.73%	45.3 " :
C14	1.0%	3.1 " :
C4 to C5	1.17%	14.9 " :
C14	1.0%	5.1 " :

Drill Hole No. 23 (site 3G).

This hole was drilled to a depth of 239.5 feet and passed through the ore-bearing zone from the surface to 172.5 feet. The W03 contents were irregularly distributed and generally in the same way to Drill Hole No. 22. The only samples with grades over 1% were C34, C35 and C36 representing 25.3 at the beginning of the hole.

Based solely on amount of core recovered.

C34 to C51 (inclusive but excluding C43).	0.47%	149.7 feet.
C34 to C49 (inclusive but excluding C43).	0.50%	137.3 " :
{ C34 to C36 (inclusive).	1.52%	20.0 " : }
{ C45 to C49 (inclusive).	0.48%	45.4 " : }

If the above samples are considered to extend over the whole lengths of the samples, the above depths would be respectively 170.3, 155.8, 25.3, 50.5 feet.

Allocating the core recovered to the full length of the sample.

C34 to C36 (inclusive but excluding C43).	1.51%	25.3 feet.
C45 to C49 (inclusive but excluding C43).	0.48%	50.5 " :
C34 to C36 (inclusive).	1.51%	25.3 " :
C45 to C48 (inclusive).	0.50%	40.0 " :

C43 is excluded from the above as this assay has not yet been received.

Drill Hole No. 24 (site 2D).

This hole was drilled to a depth of 228 feet. Assays have not yet been received for samples C65 and C66, but apart from these the only assay results above 0.50% are C67 0.3%, C68 0.1% and C77 0.15%. Under these conditions it is not necessary to calculate any averages as there is no payable ore.