

AIRBORNE GEOPHYSICAL PROGRAMME – “CANSO”

L.E.E.

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MICROFILMED

22nd November,

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MEMORANDUM:

Mr. G.F. Hidspeh,
Manager,
Lyell - E.Z. Explorations.

AIRBORNE GEOPHYSICAL PROGRAMME - "CANSO"

The availability of the photo-mosaics of the original concession now allow the limits of the area to be surveyed by the "Canso" aircraft to be drawn with greater precision and are given in the accompanying table. The limits as given in report GP3 (4th March, 1957) were based on the State 4 mile to 1 inch map, which has been found to be inaccurate.

Also attached is a system of priorities based on photo-mosaic numbers, which the Adastra people will find useful.

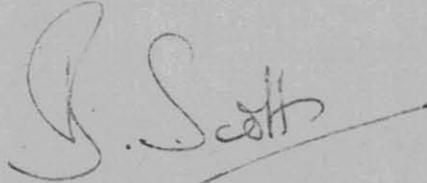
As soon as the "Canso" aircraft personnel arrive in Hobart, I suggest that I visit them and draw these boundaries on their photo-mosaics.

It would appear at first that the "Canso" area has been slightly increased by the addition of a small area in photo-mosaic 20. However, no increase in actual line miles flown is anticipated since it is considered that:

- (i) The estimate of 4,500 line miles to cover the original area is a conservative figure,

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(ii) Towards the completion of the Canso programme, it is highly probable that a similar area can be eliminated from the area of Priority III, depending on the results obtained from the South (Priority I) and North (Priority II).

A handwritten signature in cursive script, appearing to read "B. Scott", with a long horizontal line extending to the right.

Geologist-in-Charge.

TABLE IAREA TO BE COVERED BY THE CANSO AIRCRAFTBASED ON PHOTO-MOSAIC NUMBERS

Low Rocky Point (all of Mosaic 1S); remaining area of 2S not covered by the magnetometer; 8C excluding area of overlap on 4C, 5C and 2S; 4C; 5C and 8C eastwards to the line of the Harwood River excluding the area of overlap from 2S; 1C; 2C to the west side of the Hamilton-Wilmot Range; 17N; 18N; 19N to the west side of the Hamilton-Prince of Wales Range; 16N to the west side of the Prince of Wales Range and northwards to the Princess River/line of contact with 12N; 15N south of the Goodwin and Abel Peaks/line of contact with 11N and continue this line westwards to the Gordon River, then north to the top of the sheet; 14N; 13N; 9N; 10N; 5N south of line Table Head-Sloop Point.

TABLE IISYSTEM OF PRIORITIES BASED ON PHOTO-MOSAIC NUMBERS
WITHIN THE AREAS DEFINED ON TABLE IPriority I

Photo-mosaics 1S; 2S; 7C; 8C; 9C; 4C; 5C; 1C and 2C northwards to the line of the Wanderer River at the coast and then due eastwards.

Priority II

Photo-mosaics 5N; 9N; 10N; 11N.

Priority III

Photo-mosaics 13N; 14N; 15N; 17N; 18N; 19N; remainder of 1C and 2C.