

17. WRIGGLITE TONNAGES AND GRADES.A. GENERAL.

A preliminary calculation of the tonnage and grade of wrigg-lite at Moina was made in September, 1976. It was based on all available information to that date, and therefore does not include information gained from any drilling after SMD 12.

Revised calculations will be carried out and reported on soon.

The preliminary results should be an approximation of the revised results for the main wrigg-lite area, but will differ for the area east of Bismuth Creek, where holes SMD 13, 16 have necessitated major changes in the geological sections.

B. METHODS, ASSUMPTIONS.(a) Plan and sections:

The area of wrigg-lite, which approximately is outlined by the +500 or +1000 gamma fluxgate magnetic field contours, but modified by the drilling information, is shown on drawing TAS-76-57. This area was divided into blocks outlined by north-south sections, as shown.

Geological sections were compiled by using the best fit of information from outcrop geology, drill hole exposures, underground mapping by the Mines Department, and interpretations of the fluxgate magnetic data.

(b) Tonnage calculations:

Tonnage calculations for each block are shown on the geological sections, drawings TAS-76-55 and 56. Tonnages are quoted as "indicated" in accordance with Aus. I.M.M. usage. The degree of faulting and folding in the prebasalt rocks and the rugged pre basalt relief make accurate "measured" tonnage calculations impossible. Closer spaced drill holes will be necessary to obtain "measured" tonnages. The "indicated" tonnage requires testing by further drill holes before it can be quoted with confidence.

The "inferred" tonnage is from the area east of Bismuth Creek. At the time of calculation geological information was very sketchy here and hence figures could only be quoted as "inferred". Drilling of holes SMD 13, 16 has since necessitated major revision of this "inferred" figure, which should therefore now be ignored.