

Thicknesses vary from the north: east side, 5,000 ft. to west side, 3,000 ft. to the south: east side, 3,000 ft. to west side, 1,000 ft.

The deterioration in quality of the Base Tertiary event in the shallow water areas appears to be due to a combination of reverberations and defractions. However, in certain areas the unit giving rise to this event may not have been deposited (see Plate 8, M-28-0, SP 20 to 010). In all the shallow water area the event is close to magnetic basement.

There are no structural leads apparent on the Base Tertiary event.

The horizon was tied to available subsidy maps for data in adjacent areas. The ties were not absolute and small modifications had to be made to previous contours. The portion of these maps so modified is defined by a broken line on the enclosed Plate 2.

#### EVENTS BETWEEN BASEMENT AND TERTIARY (Plate 3)

Plate 3 was designed to summarise the events occurring between the two principal horizons. Three of the events are traceable over several lines and are worthy of mention.

Event A occurs on most of the sections from about the centre of the survey going northwards (Plates 5, 6 and 7). It occurs closely below the Base Tertiary event, but is not conformable with it. Tertiary events converge on Event A at the western side of its southern limit of occurrence and at the northern extremity. To the east it is generally lost in multiples, but thickening of the interval A-Tertiary is evident eastward. Event A locally shows terracing in contrast to general west dip. These localities have the appearance of indicating former high zones on this horizon.

Event B (Plate 9) situated south of central is again an event occurring just below the Base Tertiary and unconformable with it.