



PROCESSED DATA ANALYSIS

A. RECORD QUALITY

General Record Quality is good to fair throughout the survey area.

A high-amplitude event with good continuity occurs at intermediate record times throughout PEP63B and T/1P (see Plate 1). Within PEP63A the quality and continuity of this event deteriorates and is generally poor. This event is believed to have originated from near the top of the Latrobe Complex.

At earlier record times (above the Latrobe Complex Event), reflection quality is generally fair throughout the survey area, however the line to line continuity of any single event is generally poor.

At later record times (below the Latrobe Complex Event), reflection quality is generally poor in PEP63A, generally fair in PEP63B and varies locally from fair to very poor within T/1P.

Deep water in itself does not appear to have had a serious adverse affect on record quality excepting on portions of lines (i.e. Line M46A) where a strong second bounce from the water bottom occurs at the same record time as primary events from horizons of interest.

Irregular water bottom conditions had an adverse effect on record quality on some lines (i.e. Line M41T). This deterioration in record quality can probably be associated with (1) the inadequacy of theoretical water replacement statics and (2) diffractions originating from sharp water bottom features.