deconvolution was done prior to horizontal stacking in the reprocessing compared to deconvolution after stacking in the original work. This change of effort plus the use of improved display equipment resulted in superior sections.

The major gain was in resolution between the discontinuous Latrobe section and the overlying continuous Mid and Late Tertiary section. Thus the erosional unconformity picked as the "Top Latrobe Complex" could be more easily mapped. Particular examples of increased reliability are listed below:

a) Turnover at SP 3714, M19T. Improved continuity provided recognition of convergence on both flanks.

b) Southwest dip is more easily seen on Line M20T from SP 3750 to 3775 on the unconformable surface by differentiation between continuous overlying beds and "wormy" Latrobe sediments.

c) Southeast dip in deep data is clarified between SP 3392 and 3402, M36T.

d) Fault indications such as dip changes at SP 4620, M40T are more definite. The possibility of channel scouring and subsequent filling with flat-lying post-Latrobe sedimentation is suggested between SP's 4620 - 4635 on the reprocessed data.

e) The same channel appears to trend along the western flank of Feature VII as shown on reprocessed sections M19T and M20T.