5. COAL RESOURCES OF EL 20/80

5.1 Brown Coal Reserves

As a result of the reassessment of the geology of the Loatta deposit following the 1983 drilling programme, indicated reserves have been increased from 56Mt to 72Mt (to 60m maximum depth). Nearly 90% of this coal is contained with the persistent D interval seams:

B interval reserves	5.6Mt
D interval reserves	63.9Mt
F interval reserves	2.6Mt
	72.1Mt

Reserve status is expressed in terms of Geological Survey of Queensland guidelines in the absence of an alternative Tasmanian scheme. Whereas cored drillhole density at Rosevale, and Loatta in particular, generally exceeds that required for specification of "measured" reserves, status remains "indicated" in deference to the rapid variation in seam geometry and quality, and the structural complexity, of the major deposits.

Table 5.1 details the brown coal reserves of EL 20/80. Figures for the Pipers Lagoons and Selbourne deposits are unchanged. Note particularly that the quoted reserves are strictly geological, and that recoverable tonnages may be substantially less.

Slightly different cutoff criteria have been used in the revised Loatta model from that adopted previously, and still applying to Pipers Lagoons and Selbourne. Coal containing greater than 50% dry basis ash (approximately 27% ash at 45% total moisture content) has been excluded, as have all partings greater than 0.5m in thickness. Minimum seam thickness in the case of Loatta has now been set at 0.5m, compared with 1.5m for the other deposits.