

would appear to be present in roughly the same proportions as the illite component in each case. The mixed-layer clay is a random interstratification, with illite layers predominating over montmorillonite (very roughly) 2 : 1.

The above information is summarised in Table 1:

TABLE 1: CLAY MINERALOGY OF -4 m FRACTIONS

	P1-C6	P1-C8	P2-C2
Mineralogy	Kaolin (dominant)	Kaolin (dominant)	Kaolin (dominant)
	(Illite Mixed-layer clay)	(Illite Mixed-layer clay)	(Illite Mixed-layer clay)
	Chlorite (trace)	Chlorite (trace)	Chlorite (trace)
	Montmorillonite (slight trace)		
Illite/Kaolin (approximately)	1 : 5	1 : 2	1 : 2

Minerals are listed in order of decreasing abundance but the illite and mixed-layer clays are present in similar amounts.