

#### 4.8 Discrete FRRf measurements on CTD

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A bench top FRRf instrument was used to obtain photosynthetic parameters from water samples from the titanium CTD (ti). Initial data processing was carried out in Matlab™ and will be completed after the cruise. Sampling was carried out on six occasions, as shown in Table (?) below. Samples depths were chosen to match other biological measurements taken, as outlined elsewhere in this report.

**Table 4.8 Discrete FRRf measurements made during D286.**

	D01	D02	D03	D04	D05	D06
<b>Sampling</b>	<b>M9</b>	<b>M3</b>	<b>M5</b>	<b>M10</b>	<b>M3</b>	<b>M3</b>
<b>location</b>						
<b>Ti CTD number</b>	15552	15572	15581	15598	15621	15629
	JD 354	JD 357	JD 362	JD 050	JD 010	JD 013
<b>Sample Depths (m)</b>	5,10,15,25, 35,55	5,10,15,25, 35,55	5,10,20,40, 60,80	5,10,20,40, 60,80	5,8,12,20, 30,41	5,8,12,20, 35,55