



**SEDIMENT BASIN 4:**  
 CATCHMENT AREA = 3.28 Ha  
 DISTURBED AREA = 3.28 Ha  
 REQUIRED SETTLING ZONE = 676m<sup>3</sup>  
 REQUIRED STORAGE ZONE = 29m<sup>3</sup>  
 PROVIDED BASIN VOLUME = 705m<sup>3</sup>  
 REFER TO SD 6-4

**SEDIMENT BASIN 3:**  
 CATCHMENT AREA = 10.46 Ha  
 DISTURBED AREA = 10.46 Ha  
 REQUIRED SETTLING ZONE = 2,156m<sup>3</sup>  
 REQUIRED STORAGE ZONE = 92m<sup>3</sup>  
 PROVIDED BASIN VOLUME = 2,248m<sup>3</sup>  
 REFER TO SD 6-4

**SEDIMENT BASIN 5A:**  
 CATCHMENT AREA = 20.19 Ha  
 DISTURBED AREA = 20.19 Ha  
 REQUIRED SETTLING ZONE = 4,161m<sup>3</sup>  
 REQUIRED STORAGE ZONE = 177m<sup>3</sup>  
 PROVIDED BASIN VOLUME = 22,930m<sup>3</sup>  
 REFER TO SD 6-4

**SEDIMENT BASIN 5B:**  
 CATCHMENT AREA = 18.74 Ha  
 DISTURBED AREA = 18.74 Ha  
 REQUIRED SETTLING ZONE = 3,862m<sup>3</sup>  
 REQUIRED STORAGE ZONE = 164m<sup>3</sup>  
 PROVIDED BASIN VOLUME = 5,700m<sup>3</sup>  
 REFER TO SD 6-4

**SEDIMENT BASIN 6:**  
 CATCHMENT AREA = 59.10 Ha  
 DISTURBED AREA = 59.10 Ha  
 REQUIRED SETTLING ZONE = 12,179m<sup>3</sup>  
 REQUIRED STORAGE ZONE = 218m<sup>3</sup>  
 PROVIDED BASIN VOLUME = 20,000m<sup>3</sup>  
 REFER TO SD 6-4

**SEDIMENT BASIN 8:**  
 CATCHMENT AREA = 26.91 Ha  
 DISTURBED AREA = 26.91 Ha  
 REQUIRED SETTLING ZONE = 5,546m<sup>3</sup>  
 REQUIRED STORAGE ZONE = 236m<sup>3</sup>  
 PROVIDED BASIN VOLUME = 5,782m<sup>3</sup>  
 REFER TO SD 6-4

**EROSION & SEDIMENT CONTROL PLAN - FINAL PHASE**  
 1:3000 SCALE

**LEGEND:**  
 LEVELS DATUM IS AHD.

EXISTING SITE LEVELS AND DETAILS BASED ON SURVEY INFORMATION PROVIDED BY CARDNO TITLED 115804548 DATED 05/08/19.

	- SHEET-FLOW DIRECTION		- 1 IN 100 YEAR ARI FLOOD EXTENT
	- SITE BOUNDARY		- SEDIMENT BASIN (REFER TO PLAN)
	- CATCHMENT BOUNDARY		- STABILISED EARTH DIVERSION BUND
	- DIRTY WATER DIVERSION DRAIN - MINOR		- HAUL ROAD
	- DIRTY WATER DIVERSION DRAIN - MAJOR		- BIO-BANKING AREA
	- CLEAN WATER DIVERSION DRAIN		
	- PUMP DIVERSION		
	- SEDIMENT FENCING		

**SITE STABILITY NOTE:**  
 LAND DISTURBANCE & LAND FILLING ACTIVITIES MUST BE UNDERTAKEN IN A PHASED MANNER, IMPACTING A MAXIMUM AREA OF 65Ha AT ANY ONE TIME PER CONDITION B4-1(a).  
 DISTURBED AREAS MUST BE STABILISED TO A C-FACTOR OF 0.05 PRIOR TO THE COMPLETION OF ANY OTHER WORKS PER CONDITION B4-1(b). REFER TO TABLE 1 ON DRAWING 0200 FOR APPROVED STABILISATION METHODS

**EROSION & SEDIMENT CONTROL NOTES:**  
 REFER TO DRAWING 0200 FOR EROSION & SEDIMENT CONTROL NOTES

**SEDIMENT BASIN NOTES**  
 REFER TO DRAWING 0201 FOR SEDIMENT BASIN SIZING CALCULATIONS

