
Appendix 2.6B

Capping Material Requirements by Project Components

BLACKWATER GOLD PROJECT

APPLICATION FOR AN
ENVIRONMENTAL ASSESSMENT CERTIFICATE /
ENVIRONMENTAL IMPACT STATEMENT
PROPOSED PROJECT OVERVIEW



Component	Description	Area (ha)	Overburden (m ³)	Soil (m ³)
1	Open Pit			
	Pit Lake Pond	-	-	-
2	TSF Site C			
	30 cm overburden cover over oxide tailings and PAG rock	192	600,000	-
3	TSF Site D			
	Overburden "wedge" up to 5 m thick at dam and 400 m wide	-	4,500,000	-
	Remaining beach and PAG rock	707	2,121,000	-
4	Cover upper portion of dam (30%) with 30 cm overburden	171	135,000	-
	Waste Rock Dumps			
	East Dump	158	475,442	-
5	West Dump	171	514,999	-
	LGO Stockpile			
6	LGO Stockpile	76	-	227,913
	Water Management Facilities			
6	Dam 1	0.2	288	-
	Dam Pond 1	0.4	-	-
	ECD Wetland (2 ha)	3	-	6,115
	ECD	0.16	160	-
	Freshwater Reservoir (5 ha)	10	-	16,199
	Freshwater Reservoir Dam	0.5	511	-
	Pump Stations	1	-	-
7	Mine Buildings and Infrastructure			
	Construction Camp	8	-	-
	Construction Laydown	31	-	-
	Operation Camp	5	-	-
	Buildings near Camps	2	-	5,625
	Process Plant Site	28	-	85,843
	Conveyor	1	-	3,400
	Crusher	2	-	4,813
	Explosive Facilities	0.2	-	-
	Truck Shop	6	-	19,350
8	Building near Truck Shop	2	-	6,403
	Borrow Areas		-	-
	Esker Borrow Source	43	-	-
9	Site C Main Dam Borrow Source	30	-	-
	Topsoil Stockpiles	10	-	-
Total (m³)			8,347,399	375,661
Total (t)			15,860,059	713,756

Notes: cm = centimetre; ECD = environmental control dam; ha = hectare; LGO = low-grade ore; m = metre; PAG = potentially acid generating; t = tonne; TSF = tailings storage facility; WMF = water management facility