

DALHOUSIE UNIVERSITY

FACULTY OF ENGINEERING



Department of Civil and Resource Engineering









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Geotechnical Design of a Tailings Storage Facility In Central America



Material Property Table						
Symbol	γ (kN/m3)	γ sat (kN/m3)	φ' (°)	c' (kPa)	s _u (kPa)	K (cm/s)
-	22.0	-	40.0	0	-	10
GP	19.0	20.8	33.0	0	110	10
GM	18.3	20.8	41.2	0	31.5	1.05x10-5 (FHT)
SP	17.3	20.0	36.3	0	150.0	1
SM	16.8	19.8	28 (DS)	34 (DS)	No data	0.1
ML	14.5	17.0 (CU)	24.0 (CU)	30 (CU)	105.0	8.4x10-7 (CHT)
CL	15.0	16.0	33.5	0	180.0	1x10-6

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