

TMI_870-WL(2)-01_Table_10_(R1): Updated Effects Assessment for Migratory Birds

Valued Components (VCs)	Indicators	Baseline			Construction and Operations					Abandonment*				
		Habitat Area (ha)			Habitat loss (ha)		Percent of habitat lost (%) **			Area rehabilitated Abandonment (ha)	Irreversible habitat lost Abandonment (ha) (4)	Percent of habitat lost (%) **		
		PSA	LSA	RSA	Direct (1)	Indirect (2)	PSA (3)	LSA (3)	RSA (3)			PSA (5)	LSA (5)	RSA (5)
Upland Birds	Upland Birds	277.69	3,777.25	191,994.06	277.69	21.26	100.00%	7.91%	0.16%	245.88	53.08	19.11%	1.41%	0.03%
Wetland Birds	Wetland Birds (6)	44.53	1,989.78	113,379.24	38.53	15.93	86.53%	2.74%	0.05%	60.07	0.39	0.87%	0.00%	0.00%

Notes:

(1) Habitat directly removed within the Project Study Area during construction and/or operations.

(2) Habitat indirectly impacted by Project activities including noise, light, dust, changes in flows and the effects of groundwater drawdown.

(3) The percentages include the losses as a result of the Project, and the additional habitat created by the construction of the compensation ponds during operations.

(4) The irreversible loss includes the additional habitat created by the fish compensation ponds, the rehabilitated collection ponds and the rehabilitated west basin of the pit lake.

(5) The percentages include the losses as a result of the Project during construction and operations, as well as the additional habitat created by the fish compensation ponds, the rehabilitated collection ponds and the rehabilitated west basin of the pit lake.

(6) The wetland bird habitat is assumed to include the sum of the wetland habitat and open water habitat.

* The term "abandonment" has been used herein at the request of the Agency. The terms used throughout the revised EIS (April 2018) and Round 1 and 2 information requests for the Goliath Gold Project are "Closure" and "Post-Closure".

** Negative values for "Percentage of habitat loss" represent situations where habitat within a particular sub-category is created.