



Taseko Prosperity Gold-Copper Project

Appendix 5-6-G

Appendix 5-6-G Habitat Availability Tools for KI-specific Effects Assessments

KI	Season/Life Requisite	Habitat Availability Tool			
		Mine LSA	Transmission Line LSA	Mine RSA	Transmission Line RSA
Great blue heron	Feeding	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)
Mallard	Feeding	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)
	Nesting	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)
Barrow's goldeneye	Nesting	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)
Prairie falcon	Nesting	DEM model (cliffs)	DEM model (cliffs)	DEM model (cliffs)	DEM model (cliffs)
Sandhill crane	Feeding	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)
	Nesting	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)
Sharp-tailed grouse	Feeding	NA	SEI-based habitat suitability ratings (4-class scheme)	NA	SEI-based habitat suitability ratings (4-class scheme)
	Nesting	NA	SEI-based habitat suitability ratings (4-class scheme)	NA	SEI-based habitat suitability ratings (4-class scheme)
Long-billed curlew	Nesting	NA	SEI-based habitat suitability ratings (4-class scheme)	NA	SEI-based habitat suitability ratings (4-class scheme)
Flammulated owl	Nesting	NA	SEI-based habitat suitability ratings (4-class scheme)	NA	SEI-based habitat suitability ratings (4-class scheme)
Lewis's woodpecker	Nesting	NA	SEI-based habitat suitability ratings (4-class scheme)	NA	SEI-based habitat suitability ratings (4-class scheme)
Yellow-breasted chat	Nesting	NA	SEI-based habitat suitability ratings (4-class scheme)	NA	SEI-based habitat suitability ratings (4-class scheme)
Sagebrush Brewer's sparrow	Nesting	NA	SEI-based habitat suitability ratings (4-class scheme)	NA	SEI-based habitat suitability ratings (4-class scheme)
Short-eared owl	Feeding	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)
California bighorn sheep	Escape terrain	NA	DEM model (cliffs)	NA	--
	Winter range	NA	BCMOE winter range use mapping	NA	BCMOE winter range use mapping

KI	Season/Life Requisite	Habitat Availability Tool			
		Mine LSA	Transmission Line LSA	Mine RSA	Transmission Line RSA
Mule deer	Winter feeding	TEM-based habitat suitability ratings (6-class scheme); UWR mapping	VRI-based mapping of immature, mature and old forest; UWR mapping	TEM-based habitat suitability ratings (6-class scheme); UWR mapping	VRI-based mapping of immature, mature and old forest; UWR mapping
	Winter shelter				
Moose	Winter feeding	TEM-based habitat suitability ratings (6-class scheme)	VRI-based mapping of immature, mature and old forest; BCMOE wetland winter suitability mapping	TEM-based habitat suitability ratings (6-class scheme)	VRI-based mapping of immature, mature and old forest; BCMOE wetland winter suitability mapping
	Winter shelter				
Grizzly bear	Spring feeding	TEM-based habitat suitability ratings (6-class scheme); satellite-imagery based habitat suitability ratings (4-class scheme)	Satellite-imagery based habitat suitability ratings (4-class scheme)	Satellite-imagery based habitat suitability ratings (4-class scheme)	Satellite-imagery based habitat suitability ratings (4-class scheme)
	Summer feeding				
	Fall feeding				
Black bear	Hibernation	TEM-based habitat suitability ratings (6-class scheme)	VRI-based mapping of immature, mature and old forest	TEM-based habitat suitability ratings (6-class scheme)	VRI-based mapping of immature, mature and old forest
Fisher	Natal denning	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)	TEM-based habitat suitability ratings (4-class scheme)	SEI-based habitat suitability ratings (4-class scheme)
American badger	Denning	NA	CLI soils mapping	NA	CLI soils mapping
Townsend's big-eared bat	Living	NA	VRI-based mapping of immature, mature and old forest; and DEM model (sheep)	NA	VRI-based mapping of immature, mature and old forest; and DEM model (sheep)