



Miistakis
Institute

Private Land Conservation and CARTS: Proposed Screening Matrix

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Proposed Screening Matrix

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Screening Matrix

Criterion	Possible Responses	Validation	Notes
Proxy exists	<ul style="list-style-type: none"> Existing assessment by provincial or federal environmental agency 	<ul style="list-style-type: none"> EcoGift certification AB Land Trust Grant Program assessment ? 	<ul style="list-style-type: none"> If this exists, skip past all the other 'screening' effort, and simply gather info for the database
Geographically-defined area	<ul style="list-style-type: none"> Yes No 	<ul style="list-style-type: none"> Spatially-explicit description of area 	<ul style="list-style-type: none"> Must be Yes
Active governance	<ul style="list-style-type: none"> Federal government Provincial government Municipal government Shared governance Non-government conservation organization Company Indigenous people Local community 	<ul style="list-style-type: none"> Any indication that the conservation and or management of the area is under active governance 	<ul style="list-style-type: none"> Must have at least one of the options on the list
Management intent (primary, secondary, tertiary)	<ul style="list-style-type: none"> Ecological conservation Range management Cultivation Recreation Open space preservation Scenic / aesthetic protection Ecological research / environmental education ? 	<ul style="list-style-type: none"> Management plan states goals and intent Legislative measure identifies management intent for area Binding agreement identifies management intent for the area ? 	<ul style="list-style-type: none"> PAs, PPAs require 'ecological conservation' as primary management intent; OECMs do not require 'ecological conservation' to

			be a management objective <ul style="list-style-type: none"> • [IPCA ?]
Biodiversity conservation contribution	<ul style="list-style-type: none"> • Ecological connectivity • Important patches of terrestrial or aquatic wildlife habitat • Important areas of natural vegetation • Vulnerable, rare, or irreplaceable species and their habitat • Riparian, wetland and riverine systems • Buffering known areas of biological diversity • Mitigating known threats to areas of important biological diversity • Protecting evolutionary pathways important in the face of climate change • Sequestering carbon above or below ground using natural vegetation communities • Restoring ecological structure and function to a natural state 	<ul style="list-style-type: none"> • Ecological inventories • Baseline Documentation Reports • Coincidence with provincial Environmental Significant Areas • Coincidence with Key Biodiversity Areas • International designation (e.g., Ramsar site) • Scientific assessments by government agency confirms the ecological value • Scientific assessments by environmental NGOs confirms the ecological value • Scientific assessments by registered biologist confirms the ecological value • ? 	<ul style="list-style-type: none"> • Need only have one item on the list, but ... • Note the greater detail and qualifiers in the Appendix
Protective measures	<ul style="list-style-type: none"> • Enforceable restrictions and/or prescriptions on the allowable land use activities that could significantly affect the identified ecological values • Gazetted protected areas • Conservation easement 	<ul style="list-style-type: none"> • Referenced legislation • Land ownership/title registry reference with conservation easement / covenant • Land ownership/title registry certificate showing land trust / conservancy • Long-term management plan • Covenant, agreement 	<ul style="list-style-type: none"> • Must have at least one item in list • Check all that apply

	<ul style="list-style-type: none"> • Ownership by land trust or conservancy • Enduring management plan • Binding agreement with rights holders • Community covenant • IPCA [draw direction from IPCA report] 	<ul style="list-style-type: none"> • [IPCA?] 	
Effective management regime	<ul style="list-style-type: none"> • Regular monitoring of the identified ecological values • Regular monitoring of the effectiveness of the protective measures • Conservation of biodiversity values is directly supported by management regime 	<ul style="list-style-type: none"> • Management plan states conservation purposes, and requires management practices to support them • Land trust or conservancy has adopted the Land Transaction Standards of the CLTA Standards and Practices • Conservation of biodiversity values is directly supported by management regime 	<ul style="list-style-type: none"> • Must guarantee all items in list • Effective monitoring should be at least biennial, ideally annual • Monitoring reports should be publicly accessible
Long-term intent	<ul style="list-style-type: none"> • Conservation regime is perpetual (without end) • Seasonal measures part of year-round conservation regime 	<ul style="list-style-type: none"> • Perpetual conservation easement • Management plan describes perpetual conservation intent • Binding agreement with landowner describes perpetual intent 	<ul style="list-style-type: none"> •
Threats Due to Expropriation or Sub-surface Rights	<ul style="list-style-type: none"> • Sub-surface mining rights • Transportation rights-of-way • Utility rights-of-way • Nullification of conservation agreement by provincial government 	<ul style="list-style-type: none"> • [these are mostly red herring issues, but this needs to be addressed directly] 	<ul style="list-style-type: none"> •

	<ul style="list-style-type: none"> • Other government expropriation 		
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Screening Matrix vis-à-vis IUCN Guidance

Criterion	Possible Responses	Related IUCN Guidance Principle
Proxy exists	<ul style="list-style-type: none"> • Existing assessment by provincial or federal environmental agency 	<ul style="list-style-type: none"> •
Geographically-defined area	<ul style="list-style-type: none"> • Yes • No 	<ul style="list-style-type: none"> • Geographically-defined space
Active governance	<ul style="list-style-type: none"> • Federal government • Provincial government • Municipal government • Shared governance • Non-government conservation organization • Company • Indigenous people • Local community 	<ul style="list-style-type: none"> • Governed
Management intent (primary, secondary, tertiary)	<ul style="list-style-type: none"> • Ecological conservation • Range management • Cultivation • Recreation • Open space preservation • Scenic / aesthetic protection • Ecological research / environmental education • ? 	<ul style="list-style-type: none"> • Managed
Biodiversity conservation contribution	<ul style="list-style-type: none"> • Ecological connectivity • Important patches of terrestrial or aquatic wildlife habitat • Important areas of natural vegetation • Vulnerable, rare, or irreplaceable species and their habitat 	<ul style="list-style-type: none"> • In-situ conservation • Biodiversity

	<ul style="list-style-type: none"> • Riparian, wetland and riverine systems • Buffering known areas of biological diversity • Mitigating known threats to areas of important biological diversity • Protecting evolutionary pathways important in the face of climate change • Sequestering carbon above or below ground using natural vegetation communities • Restoring ecological structure and function to a natural state 	
Protective measures	<ul style="list-style-type: none"> • Enforceable restrictions and/or prescriptions on the allowable land use activities that could significantly affect the identified ecological values • Gazetted protected areas • Conservation easement • Ownership by land trust or conservancy • Enduring management plan • Binding agreement with rights holders • Community covenant • IPCA [draw direction from IPCA report] 	<ul style="list-style-type: none"> • Protected Area Categories • OECM Guidelines
Effective management regime	<ul style="list-style-type: none"> • Regular monitoring of the identified ecological values • Regular monitoring of the effectiveness of the protective measures • Conservation of biodiversity values is directly supported by management regime 	<ul style="list-style-type: none"> • Effective
Long-term intent	<ul style="list-style-type: none"> • Conservation regime is perpetual (without end) • Seasonal measures part of year-round conservation regime 	<ul style="list-style-type: none"> • Long-term
Threats Due to Expropriation or Sub-surface Rights	<ul style="list-style-type: none"> • Sub-surface mining rights • Transportation rights-of-way • Utility rights-of-way • Nullification of conservation agreement by provincial government • Other government expropriation 	<ul style="list-style-type: none"> •

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