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Selkirk Recovery Area Grizzly Bear Security Analysis

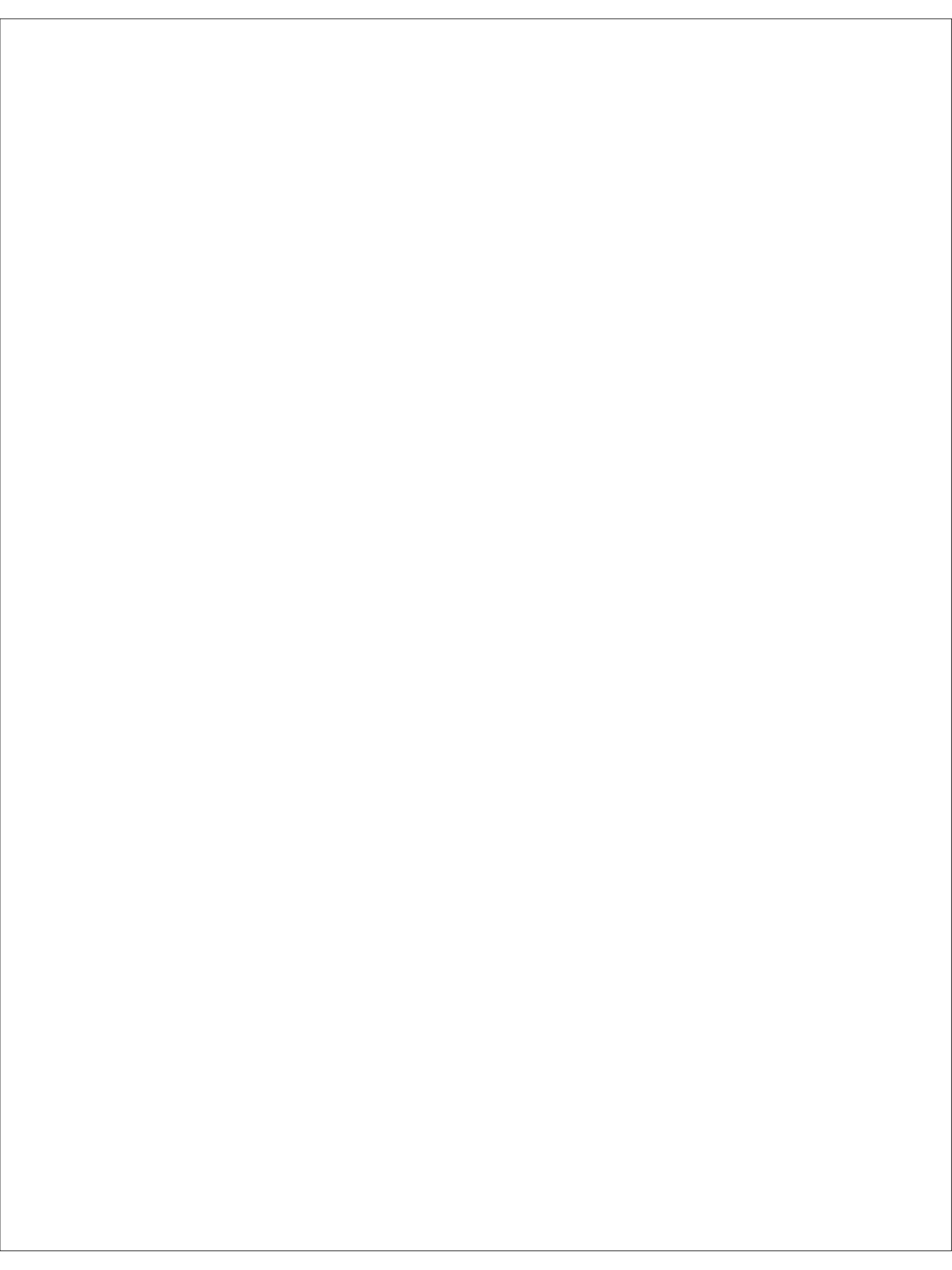


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Natural Resource
Research Council*

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Parameters recommended by the IGBC to quantify necessary or minimum % of area to ensure a secure habitat for grizzly bears

Core Habitat

Habitat beyond a 0.3 mile buffer zone of roads used by motorized vehicles **to be maintained in 10 year intervals. All Lands and routes to be included (IGBC Subcommittee, 1998).**

Open Motorized Route Density (OMRD)

Route Density (OMRD): Density of roads used by motorized vehicles
>1 mi/sq mi is $\leq 33\%$

Total Motorized Route Density (TMRD)

Density of all roads; both secured and non-secured > 2 mi/sq mi is $\leq 26\%$

Security Habitat (% secure)

Restricted areas within the core habitat where no logging or motorized vehicle use occur $\geq 70\%$

Priest Lake

Core Area = 41%
(stippled area)

No motorized access
or heavy trail use allowed

Target = 55%

Issues:

14 % below standard

TMRD%>2
State Land BMU has
49%
Target:
<26%

Issues:

- Exceeded by 25%

OMRD%>1

State Land BMU has

67%

Target:

<33%

Issues:

- Exceeded by 34%

Security Area

Issues:

- Future Sales in Core
- < 1% habitat is <4500'
- Gates are ineffective