

**What We Have**

**MKMA Act, Preamble, Vision and Wilderness Definition**

**GRIZZLY BEAR**

**WILDLIFE → CARIBOU**

**STONE'S SHEEP**

- Indicators
- Thresholds
- Additional Measures

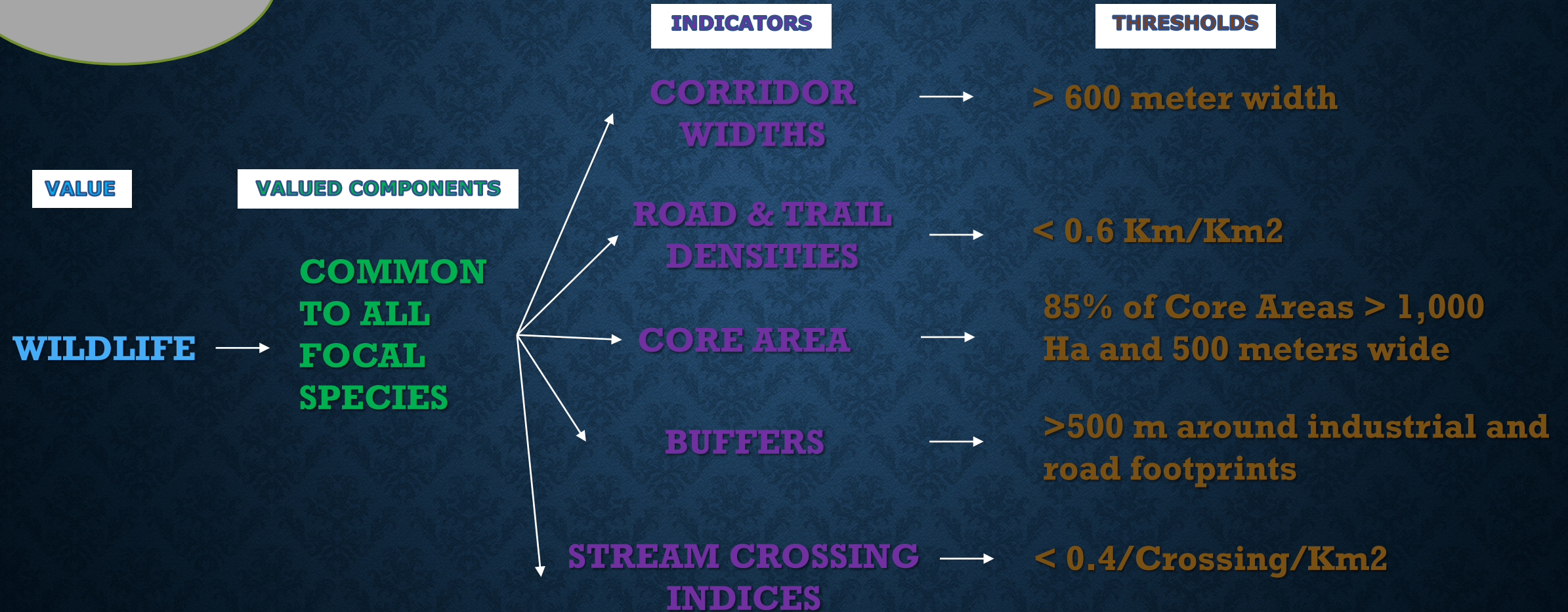
**PTP's, MKMA Research/Studies, UNBC Advise/Research, Literature Review, Board Knowledge, Indigenous Knowledge, etc.**



# MKMA MANAGEMENT FRAMEWORK

What We Have

MKMA Act, Preamble, Vision and Wilderness Definition



PTP's, MKMA Research/Studies, UNBC Advise/Research, Literature Review, Board Knowledge, Indigenous Knowledge, etc.



# MKMA MANAGEMENT FRAMEWORK

What We Have

MKMA Act, Preamble, Vision and Wilderness Definition

VALUE

VALUED COMPONENTS

INDICATORS

THRESHOLDS

WILDLIFE

→ GRIZZLY BEAR

CORE AREA



>90% of Mod/High Habitat  
(>1,000 Ha Patches, min  
500 meters wide)

CLEARED AREA



<10%/10 Km<sup>2</sup>

HABITAT  
EFFECTIVENESS



>60% HE in Mod/High Habitat

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**What We Have**

**MKMA Act, Preamble, Vision and Wilderness Definition**

A relatively undisturbed, unroaded area of moderate and high habitat quality.

**CORE AREA**



**>90% of Mod/High Habitat  
(>1,000 Ha Patches)**

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## What We Have

### MKMA Act, Preamble, Vision and Wilderness Definition

An indicator of the value and amount of habitat available to an animal after accounting for disturbances created by human infrastructure and activity.

**HABITAT  
EFFECTIVENESS**



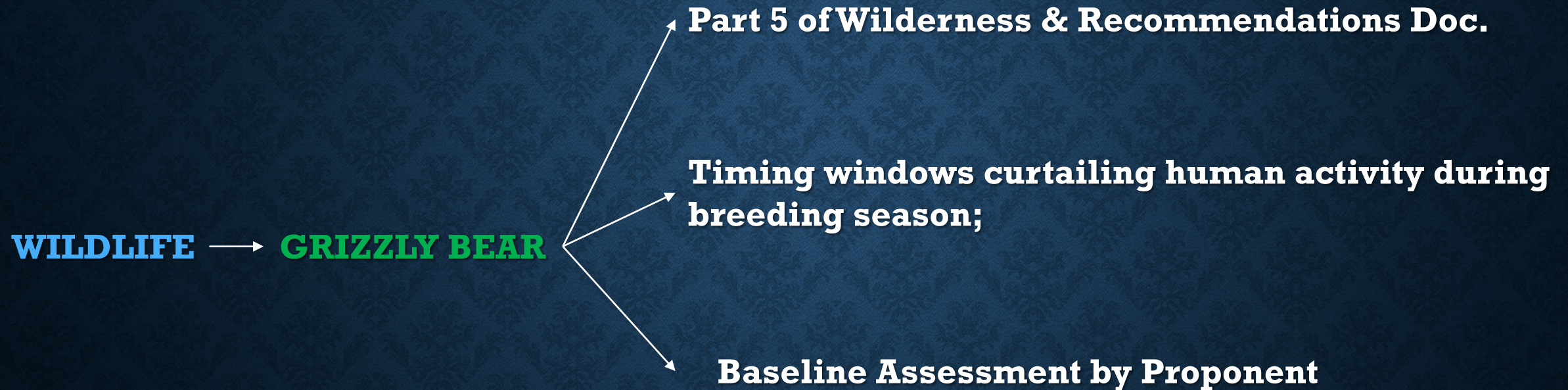
**>60% HE in Mod/High  
Habitat**

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**Additional  
Measures**

**MKMA Act, Preamble, Vision and Wilderness Definition**



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# MKMA MANAGEMENT FRAMEWORK

What We Have

MKMA Act, Preamble, Vision and Wilderness Definition

VALUE

VALUED COMPONENTS

INDICATORS

THRESHOLDS

WILDLIFE



CARIBOU



CORE AREA



>90% of Mod/High Habitat  
(>1,000 Ha Patches)

CLEARED AREA



No Surface Disturbance in High  
Habitat

HABITAT  
EFFECTIVENESS



>80% HE in Mod/High Habitat

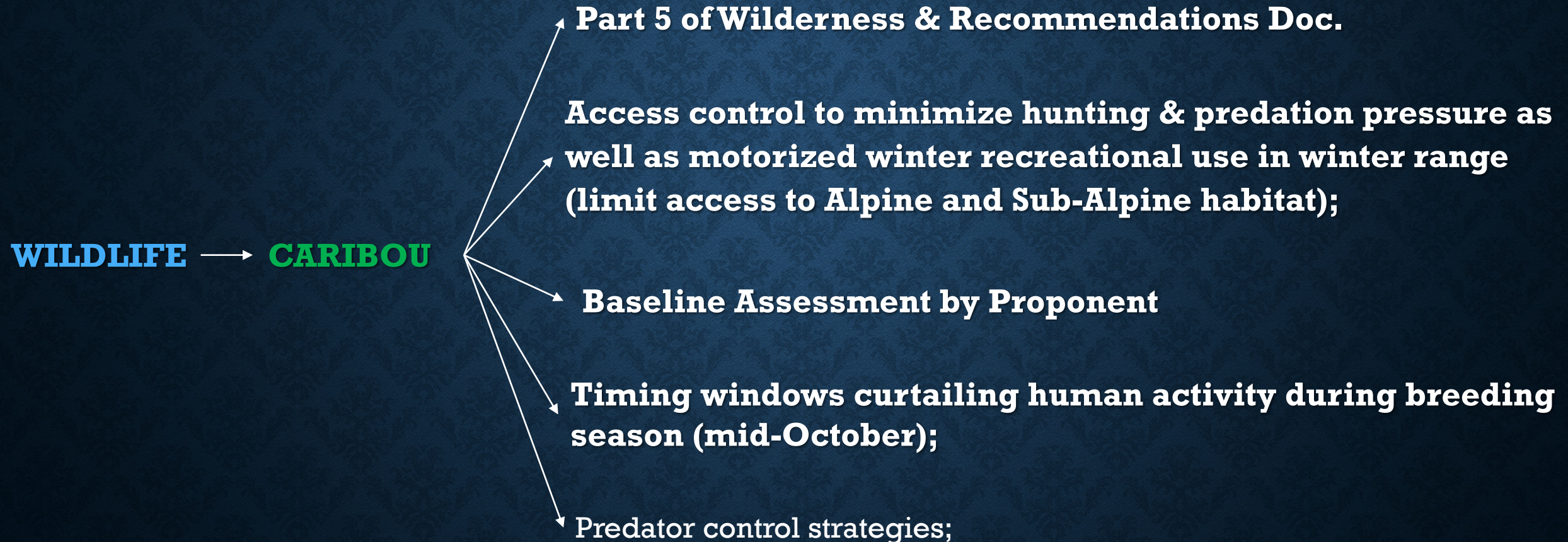
The greatest caribou winter habitat hot spot concentration is in the southern third of the Interior Plateau

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**Additional  
Measures**

## MKMA Act, Preamble, Vision and Wilderness Definition



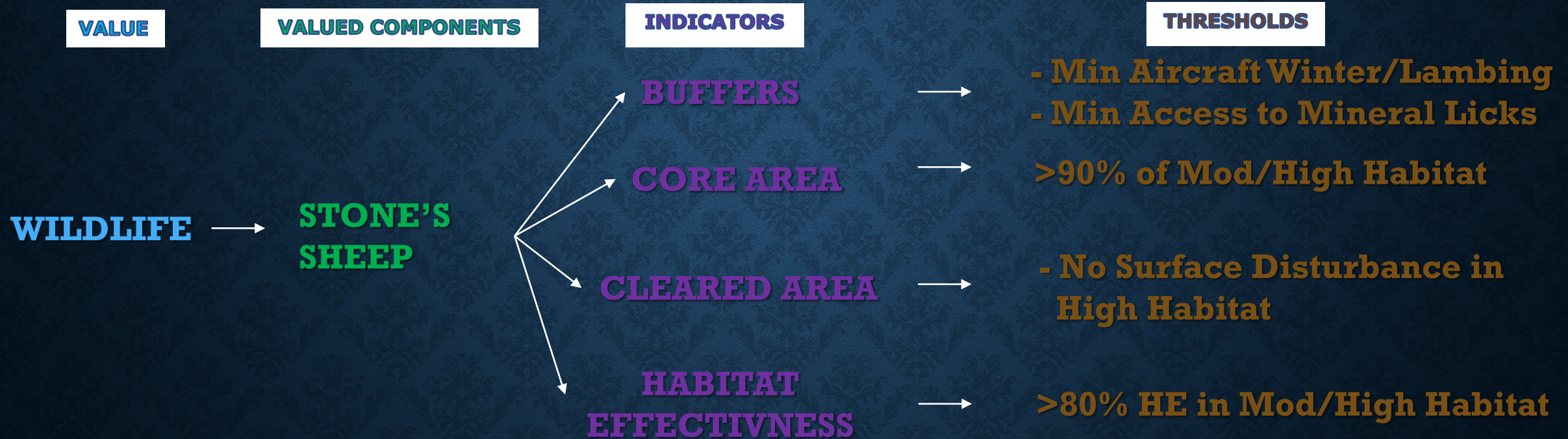
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# MKMA MANAGEMENT FRAMEWORK

What We Have

MKMA Act, Preamble, Vision and Wilderness Definition

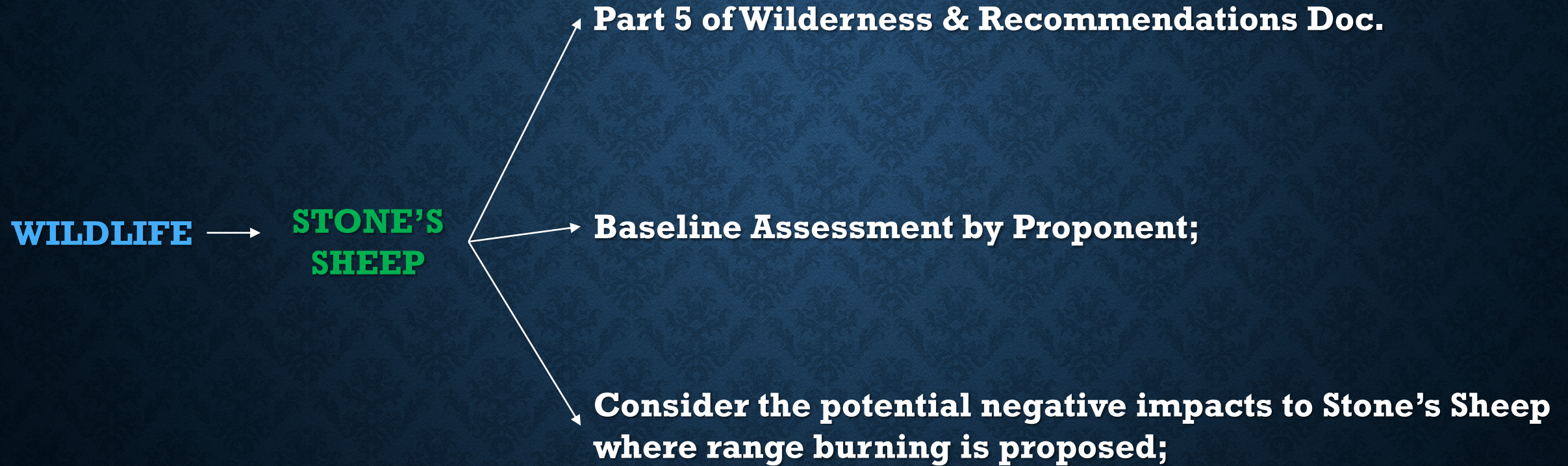


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**Additional  
Measures**

**MKMA Act, Preamble, Vision and Wilderness Definition**



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## MKMA Act, Preamble, Vision and Wilderness Definition

What We Could  
Use

### Streams and small rivers

| Stream Class | Stream Width (m) | Reserve Zone (m) | Management Zone (m) | Riparian Management Area Width (m) |
|--------------|------------------|------------------|---------------------|------------------------------------|
| 1            | > 20             | 200              | 120                 | 320                                |
| 2            | 5 to 20          | 150              | 100                 | 250                                |
| 3            | 1.5 to 5         | 100              | 100                 | 200                                |
| 4            | < 1.5            | 50               | 100                 | 150                                |
| 5            | all streams      | 20               | 30                  | 50                                 |

## LAKES & WETLANDS & WETLAND COMPLEXES

### Lakes

| Lake Class | Size (ha) | Reserve Zone (m) | Management Zone (m) | Riparian Management Area Width (m) |
|------------|-----------|------------------|---------------------|------------------------------------|
| 1          | 1 to 5    | 200              | 100                 | 300                                |
| 2          | >5        | 500              | 0                   | 500                                |

### Wetlands

| Wetland Class | Size (ha) | Reserve Zone (m) | Management Zone (m) | Riparian Management Area Width (m) |
|---------------|-----------|------------------|---------------------|------------------------------------|
| 1             | < 1       | 100              | 60                  | 160                                |
| 2*            | 1 to 5    | 200              | 100                 | 300                                |
| 3*            | 5 to 100  | 300              | 200                 | 500                                |
| 4*            | >100      | 500              | 0                   | 500                                |

\*includes wetland complexes

## Kaska Dene Management Practices



## Outcomes from our review

- Agreement of material subject to any tweaking, revisions, etc. necessary?

Discussion:

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