BLM AIM Project Analysis Report

19 December, 2016

Table of Contents

# Introduction

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## Report Purpose and use

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## Report Organization

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## Interpreting the Results

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## Additional Information

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# Data Summary

* Indicators included in the report (data explorer tool)
* time period of the report (TerrADat)
* study area and reporting units with map (SDD, reporting units)

# Sampling Summary

* map of points sampled against strata (SDD),
* bar chart of point fates (SDD),
* timing of points sampled (TerrADat or the analysis input table)

# Objectives, Benchmarks, and Landscape Thresholds

* from data explorer workbook

# Condition Estimates by Objective

* Objective
* Indicator, benchmark, landscape threshold
* Graph of results showing landscape threshold
* Map(s) of spatial distribution of indicator from grass/shrub, EVT (as appropriate)

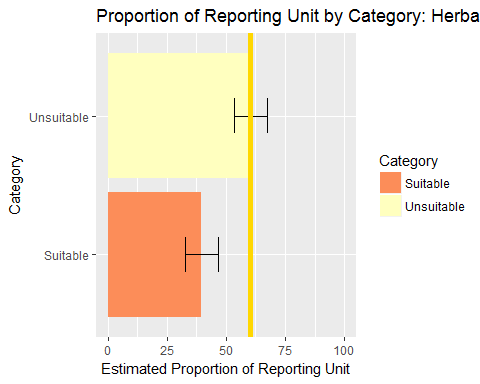
## Reporting Unit Level: ReportingUnit.1

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### Results for Rio Grande Del Norte NM

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#### Indicator: Herbaceous Litter Cover (%)

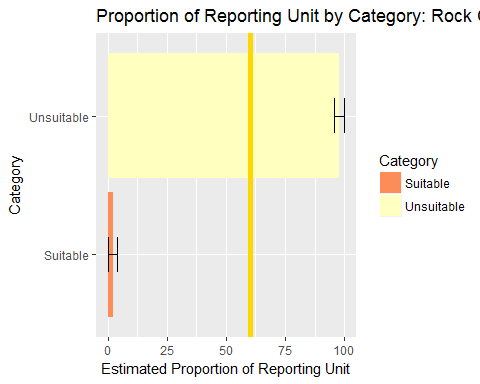
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#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Suitable | 56 | 39.58 | 3.532 | 32.65 | 46.5 |
| Unsuitable | 89 | 60.42 | 3.532 | 53.5 | 67.35 |

#### Indicator: Rock Cover (%)

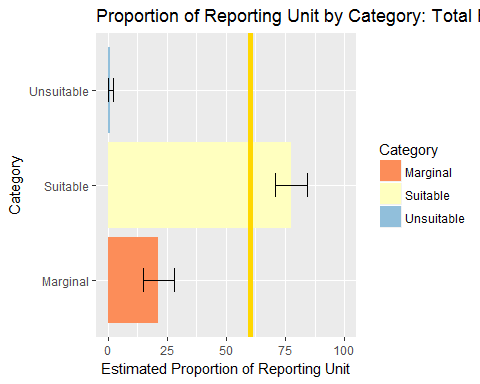
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#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Suitable | 5 | 2.211 | 1.022 | 0.2073 | 4.214 |
| Unsuitable | 140 | 97.79 | 1.022 | 95.79 | 99.79 |

#### Indicator: Total Foliar Cover (First Hit%)

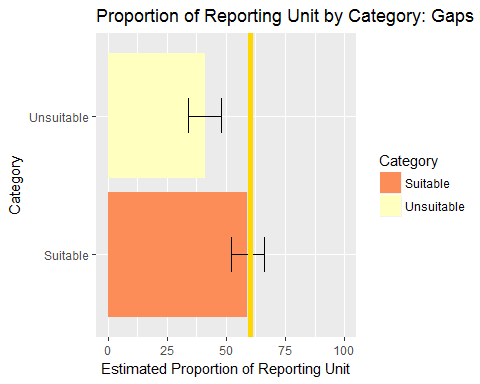
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#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Marginal | 29 | 21.48 | 3.359 | 14.89 | 28.06 |
| Suitable | 114 | 77.58 | 3.376 | 70.96 | 84.2 |
| Unsuitable | 2 | 0.9443 | 0.607 | 0 | 2.134 |

#### Indicator: Gaps > 200 cm(%)

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#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Suitable | 88 | 58.99 | 3.547 | 52.04 | 65.95 |
| Unsuitable | 57 | 41.01 | 3.547 | 34.05 | 47.96 |

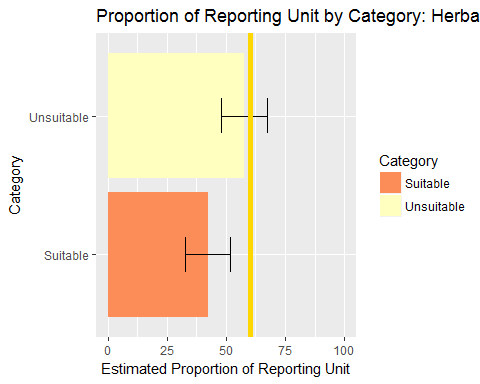
## Reporting Unit Level: ReportingUnit.2

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### Results for One

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#### Indicator: Herbaceous Litter Cover (%)

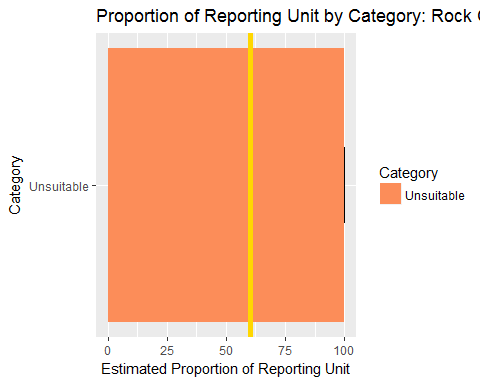
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#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Suitable | 24 | 42.29 | 4.896 | 32.7 | 51.89 |
| Unsuitable | 35 | 57.71 | 4.896 | 48.11 | 67.3 |

#### Indicator: Rock Cover (%)

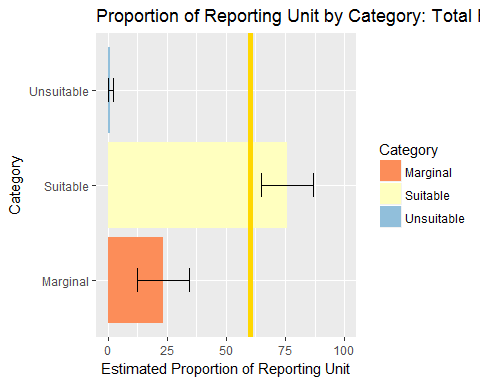
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#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Unsuitable | 59 | 100 | 0 | 100 | 100 |

#### Indicator: Total Foliar Cover (First Hit%)

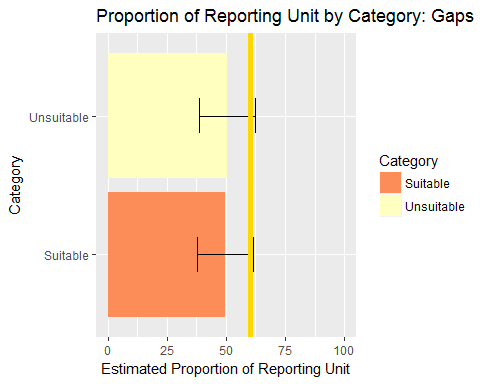
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#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Marginal | 10 | 23.28 | 5.579 | 12.35 | 34.22 |
| Suitable | 48 | 75.82 | 5.616 | 64.82 | 86.83 |
| Unsuitable | 1 | 0.8943 | 0.7665 | 0 | 2.397 |

#### Indicator: Gaps > 200 cm(%)

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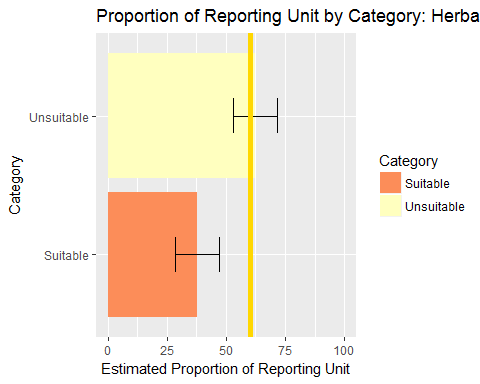
#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Suitable | 29 | 49.69 | 6.03 | 37.87 | 61.51 |
| Unsuitable | 30 | 50.31 | 6.03 | 38.49 | 62.13 |

### Results for Two

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#### Indicator: Herbaceous Litter Cover (%)

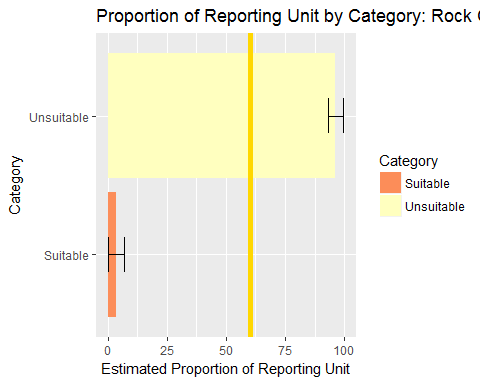
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#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Suitable | 32 | 37.73 | 4.77 | 28.38 | 47.07 |
| Unsuitable | 54 | 62.27 | 4.77 | 52.93 | 71.62 |

#### Indicator: Rock Cover (%)

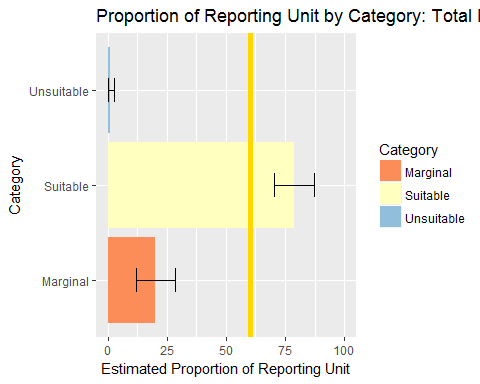
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#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Suitable | 5 | 3.718 | 1.701 | 0.3847 | 7.051 |
| Unsuitable | 81 | 96.28 | 1.701 | 92.95 | 99.62 |

#### Indicator: Total Foliar Cover (First Hit%)

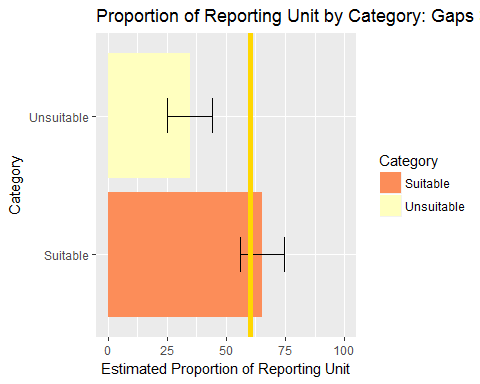
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#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Marginal | 19 | 20.24 | 4.202 | 12.01 | 28.48 |
| Suitable | 66 | 78.78 | 4.228 | 70.49 | 87.06 |
| Unsuitable | 1 | 0.9784 | 0.8769 | 0 | 2.697 |

#### Indicator: Gaps > 200 cm(%)

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#### Results Table

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Category | # Points | Prop. Estimate | Prop. Std. Error | Lower CI | Upper CI |
| Suitable | 59 | 65.34 | 4.777 | 55.98 | 74.7 |
| Unsuitable | 27 | 34.66 | 4.777 | 25.3 | 44.02 |

# Appendices

* Methods for data collection (web link)
* Sample design information (list SDD used)
* Analysis methods (web link)
* Report Inputs
  + Raw data from TerrADat (?? Point to Data Explorer workbook?)
  + Sample design geodatabase
  + Project planning workbook
  + Reporting units spatial data
  + Remote-sensing datasets