

APPENDIX I

Visual Simulations

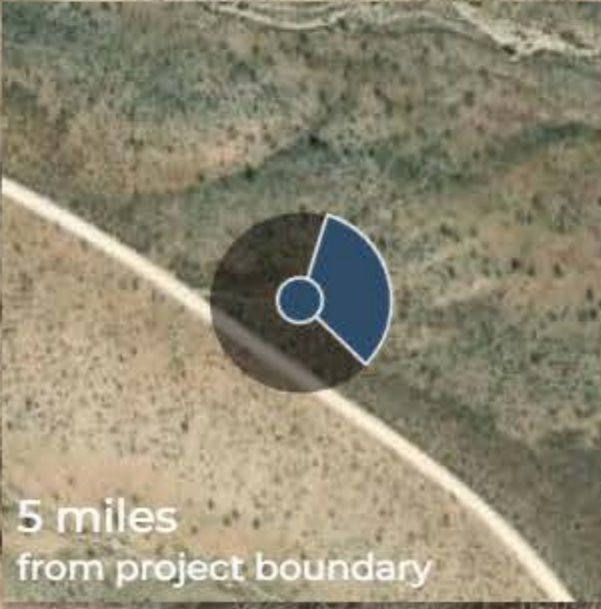
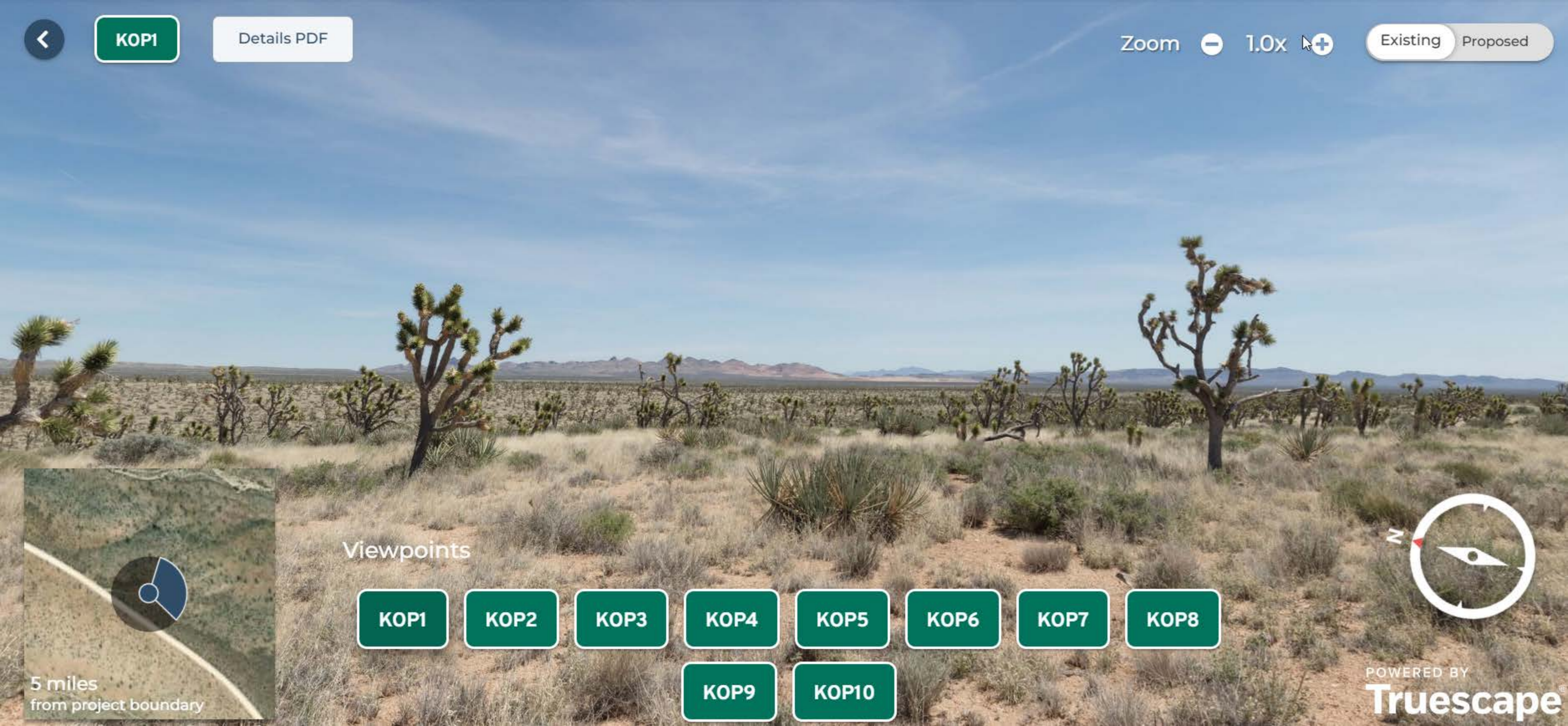


KOP1

Details PDF

Zoom 1.0x

Existing Proposed



5 miles from project boundary

Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



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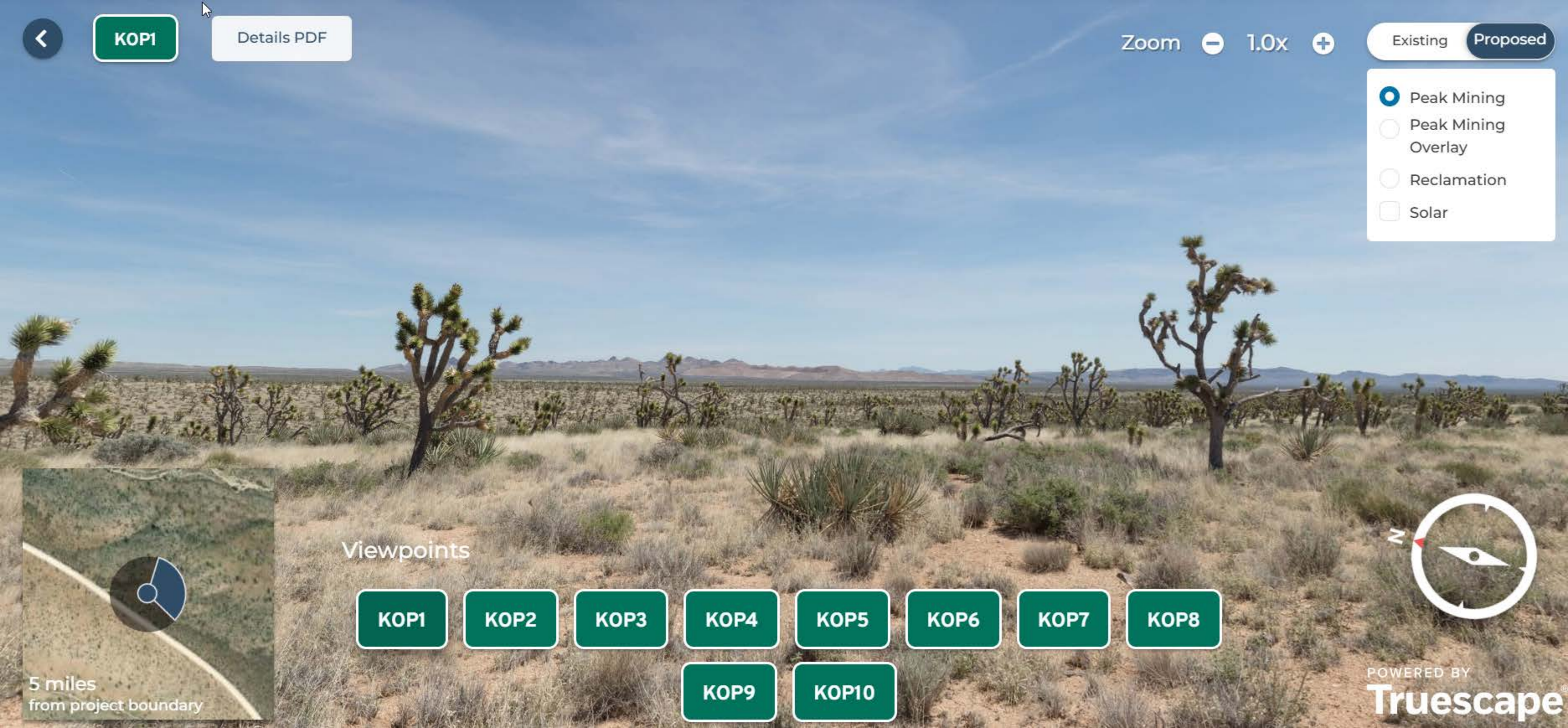
KOP1

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation
- Solar



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





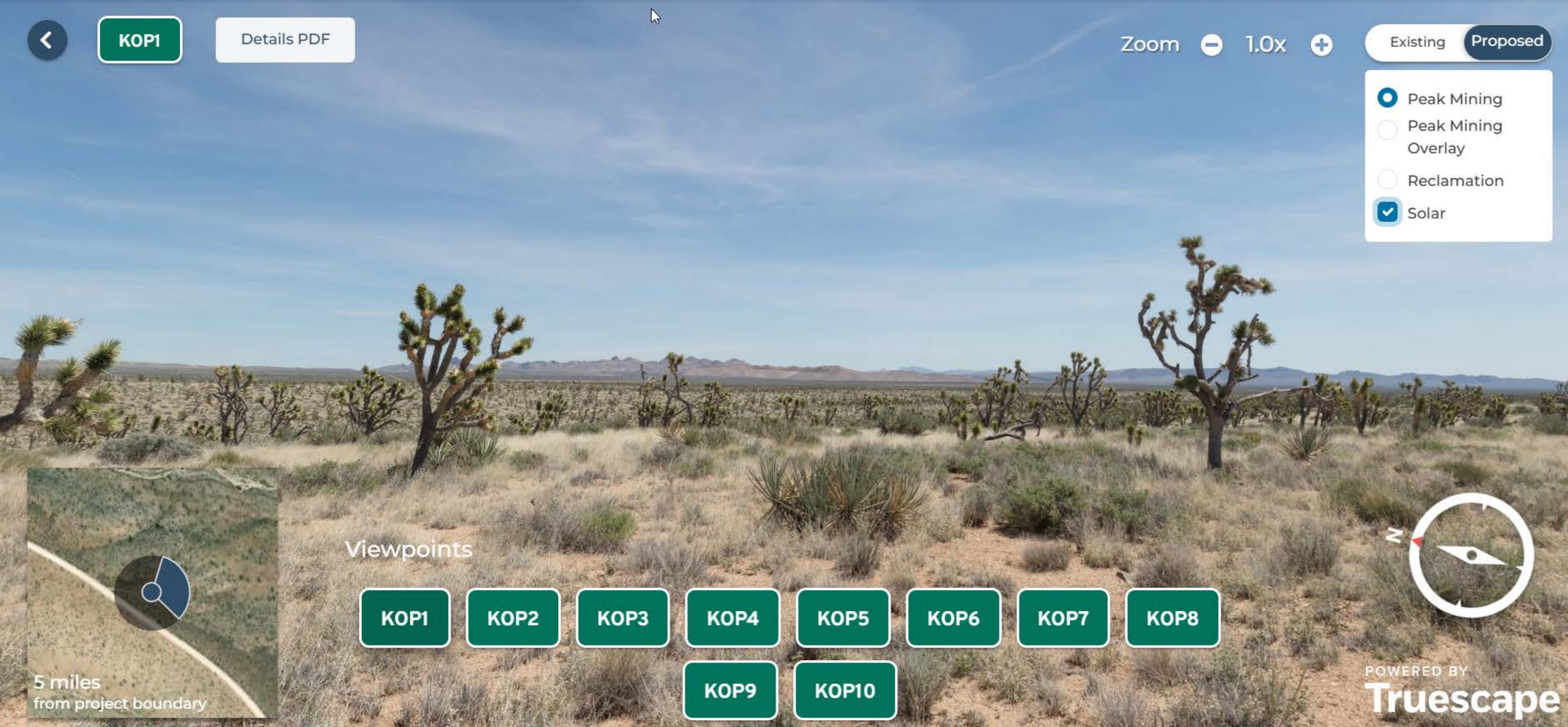
KOP1

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation
- Solar



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





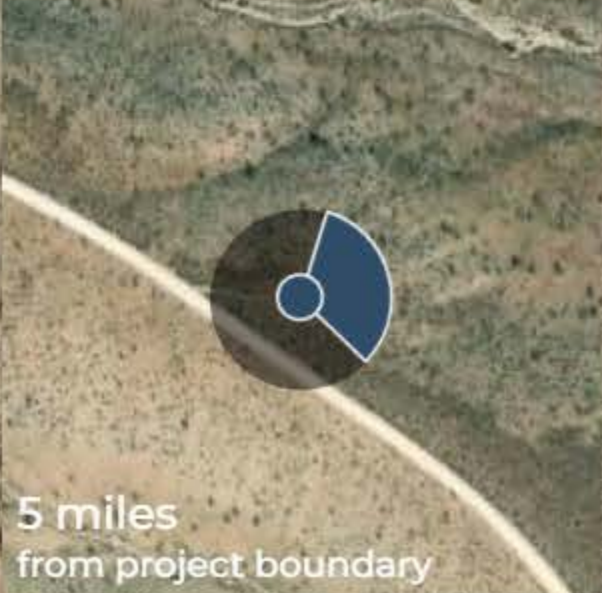
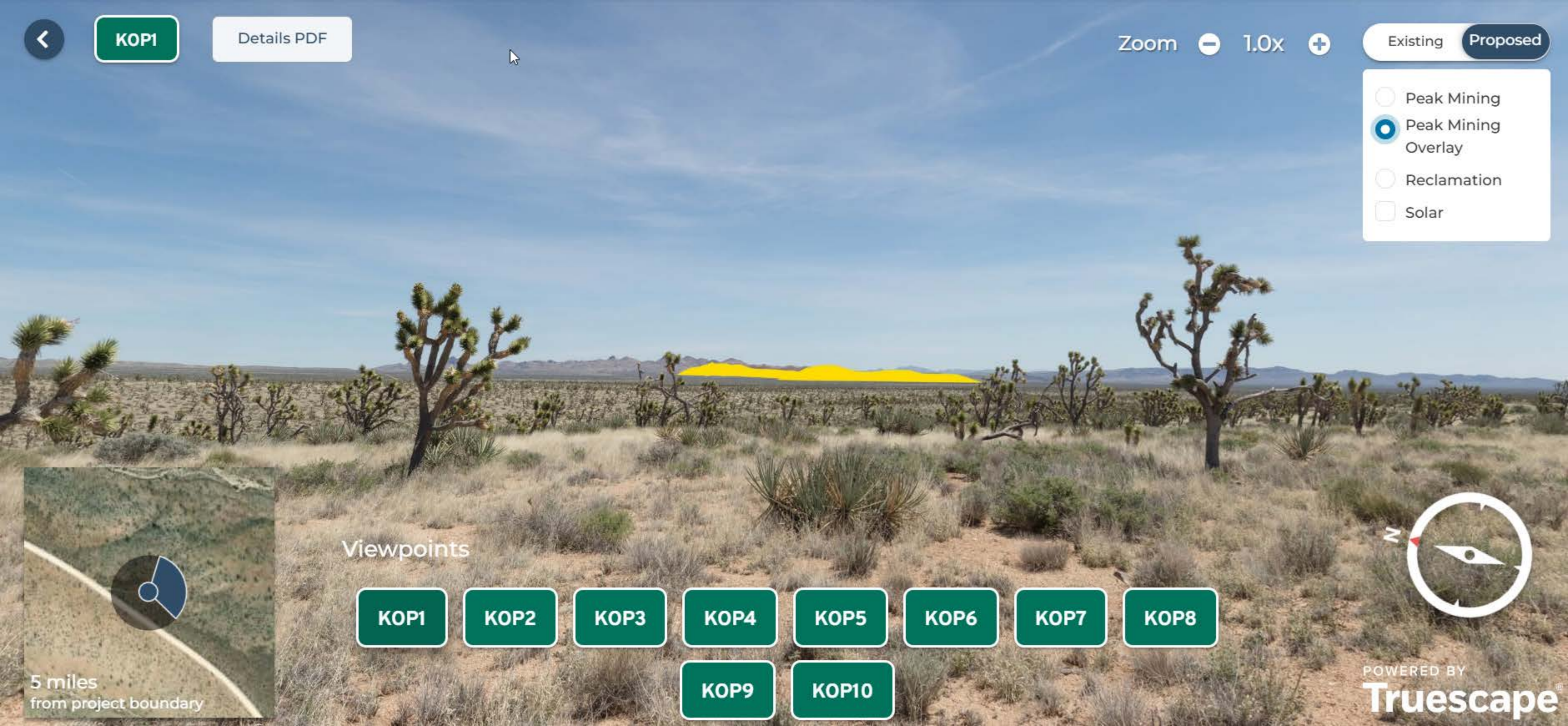
KOP1

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation
- Solar



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





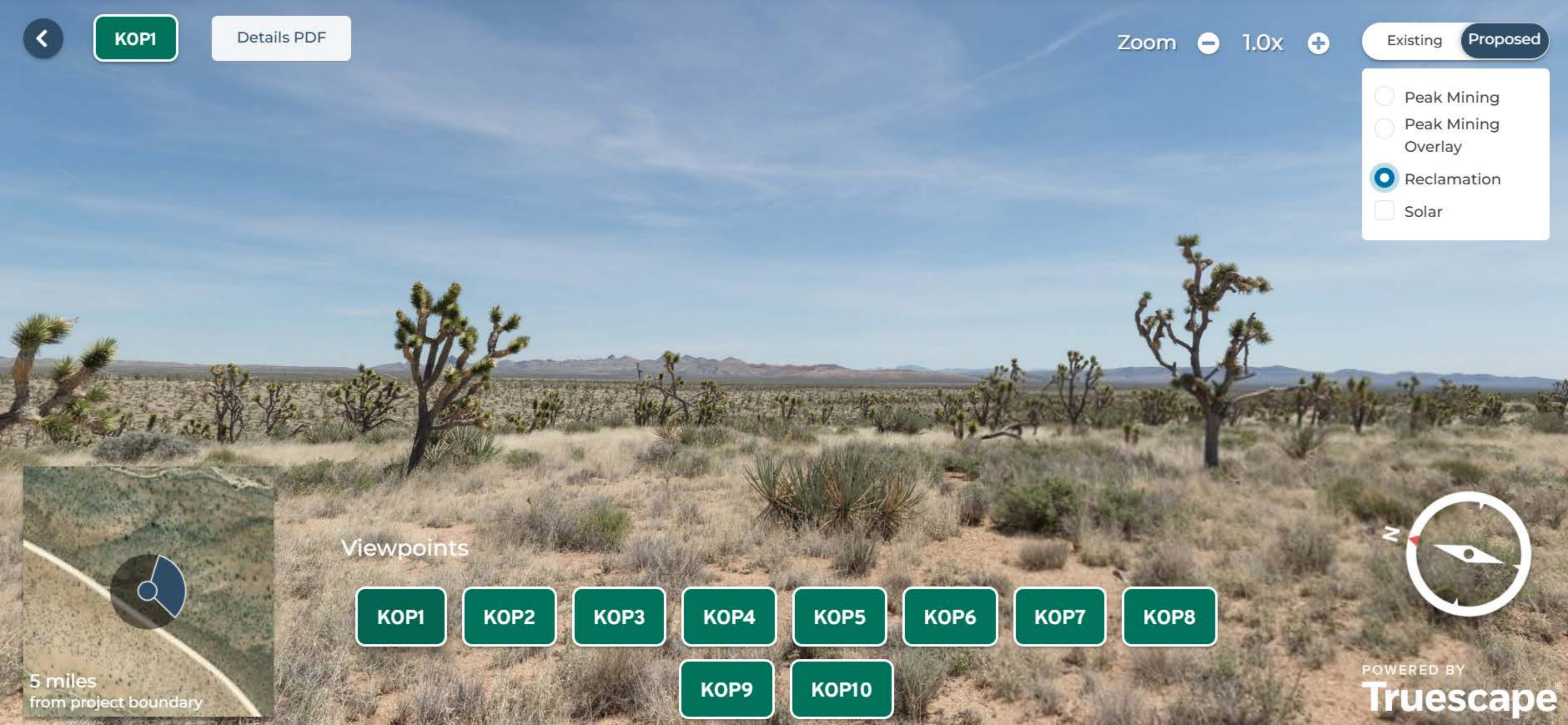
KOP1

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation
- Solar



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



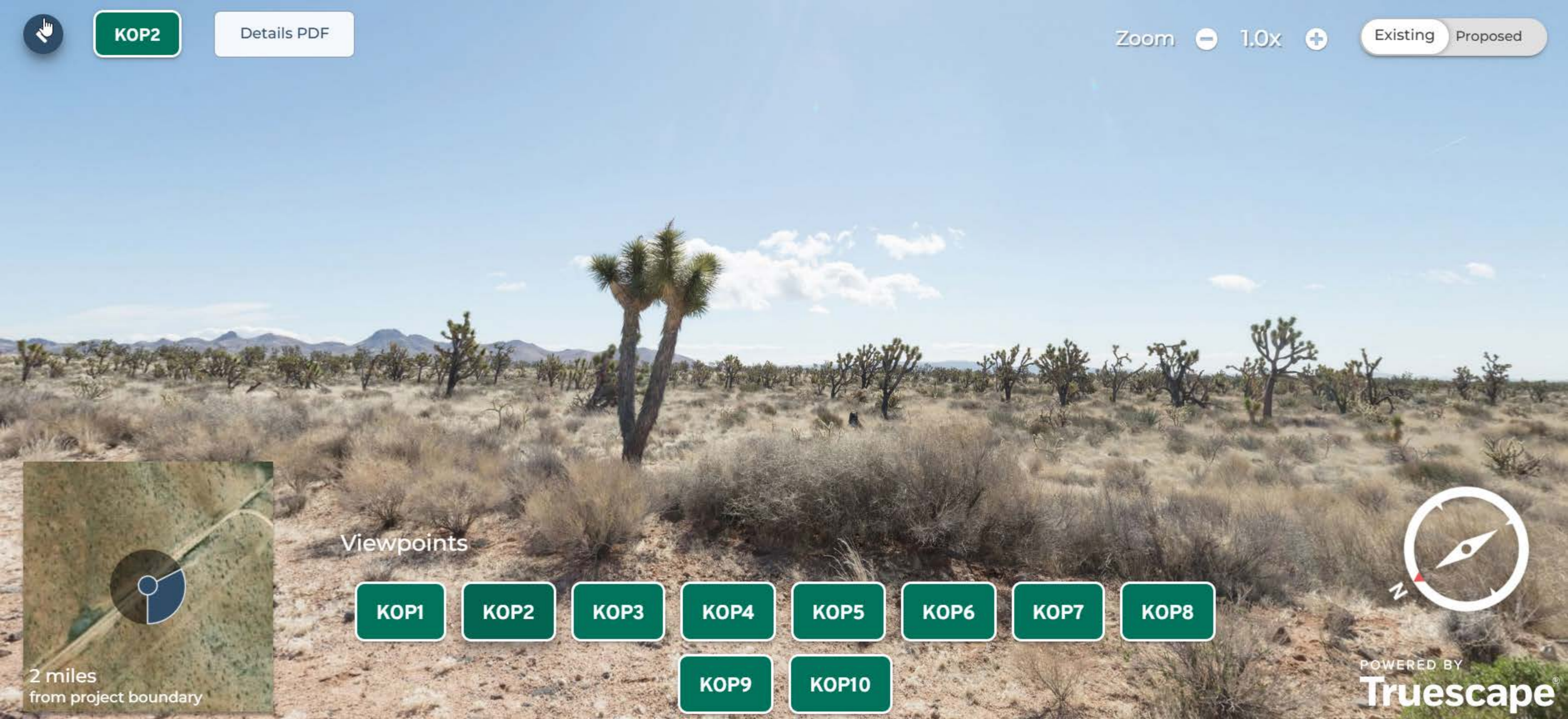


KOP2

Details PDF

Zoom - 1.0x +

Existing Proposed



2 miles from project boundary

Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



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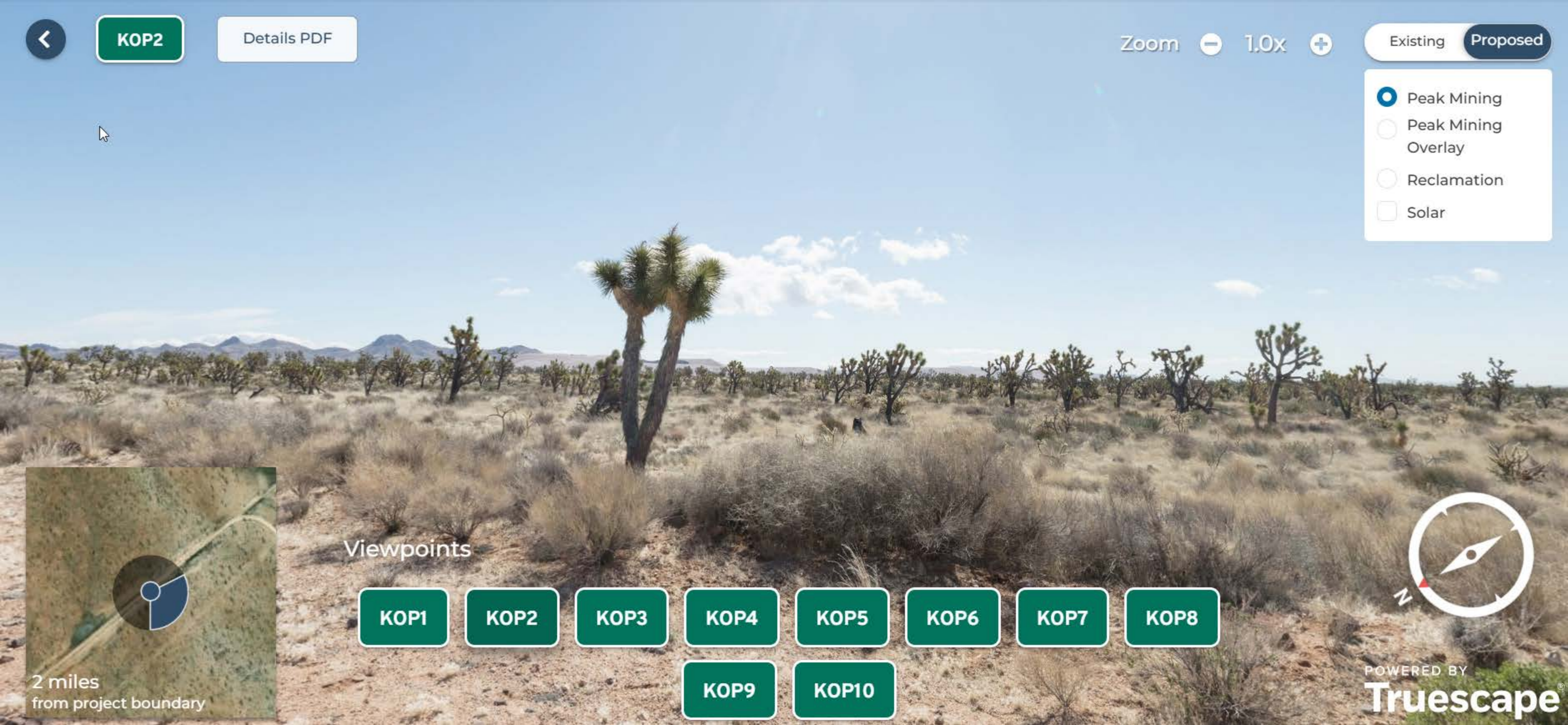
KOP2

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation
- Solar



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





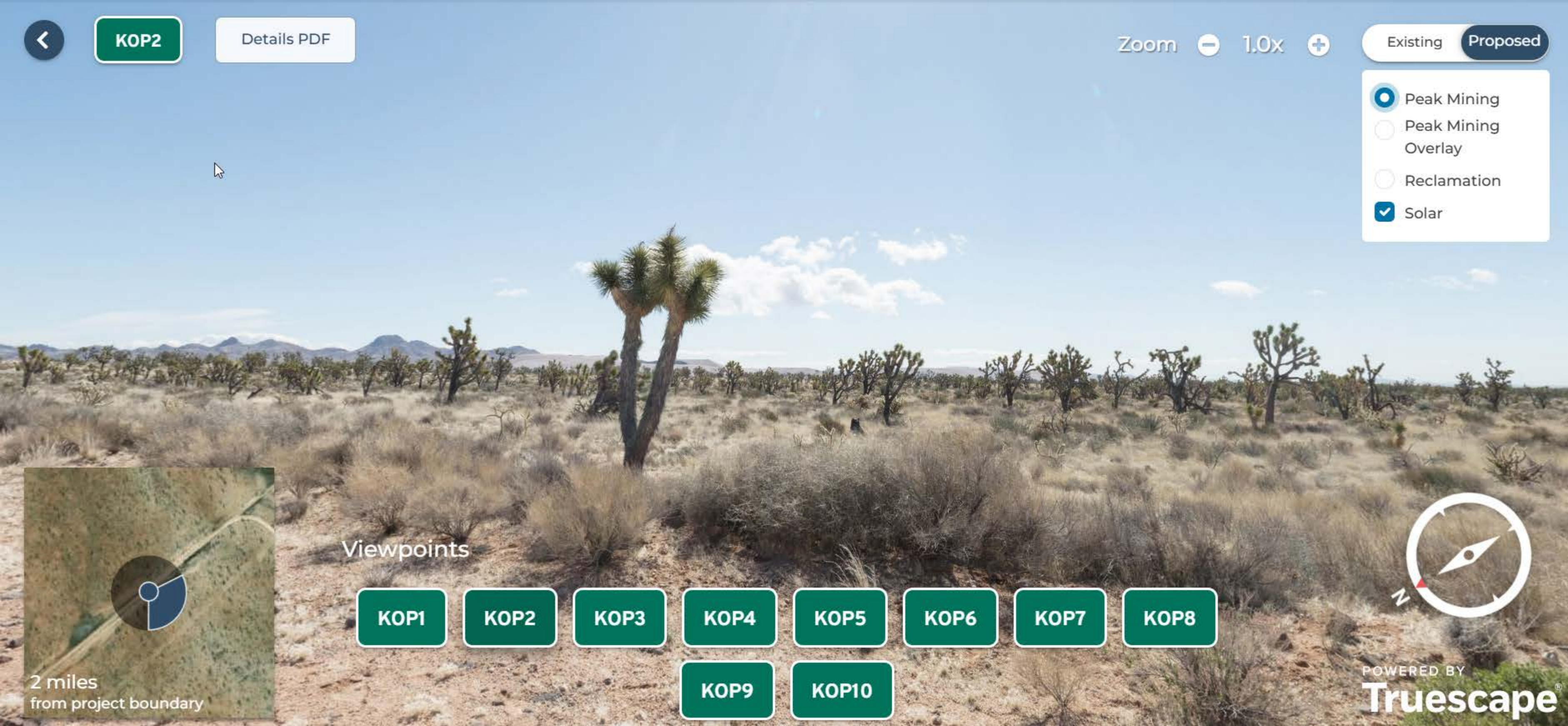
KOP2

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation
- Solar



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





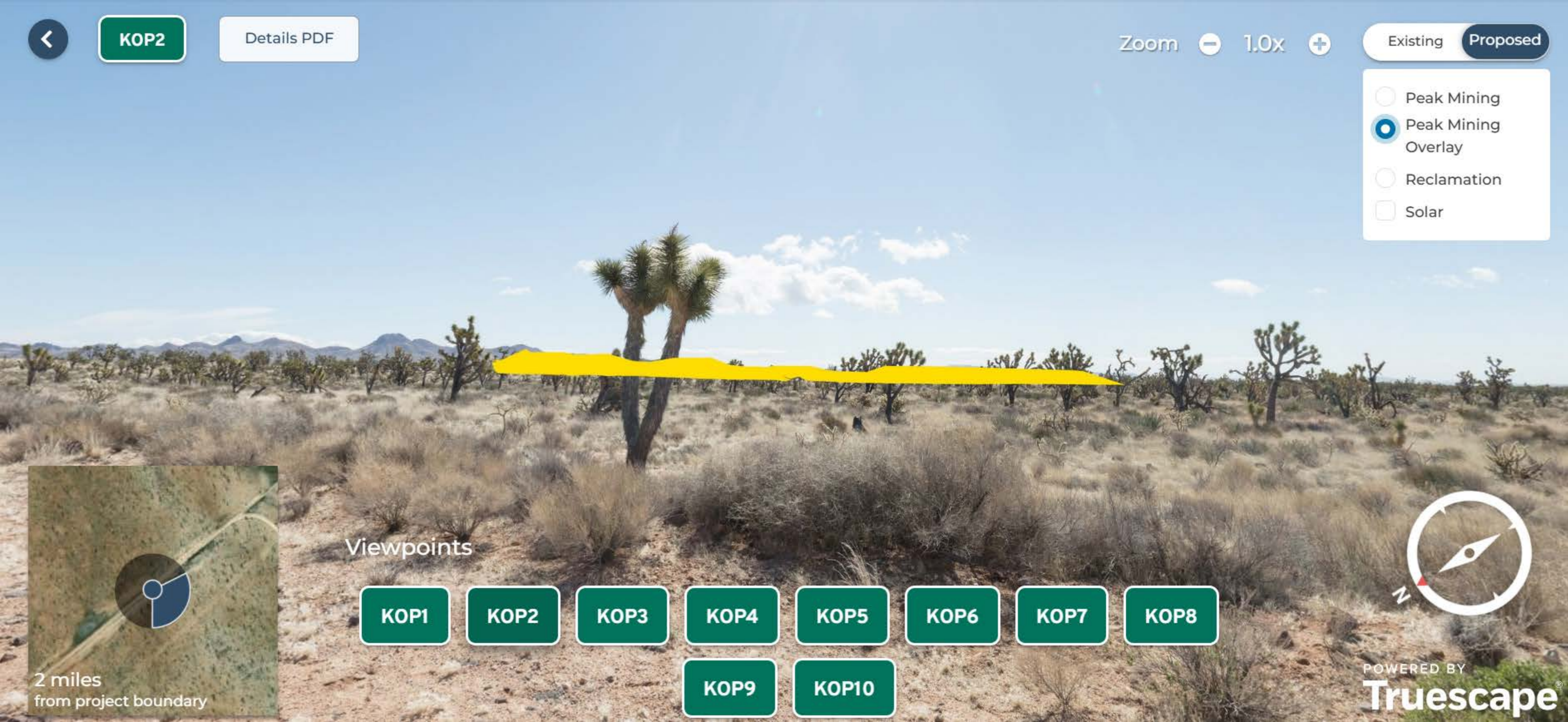
KOP2

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation
- Solar



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





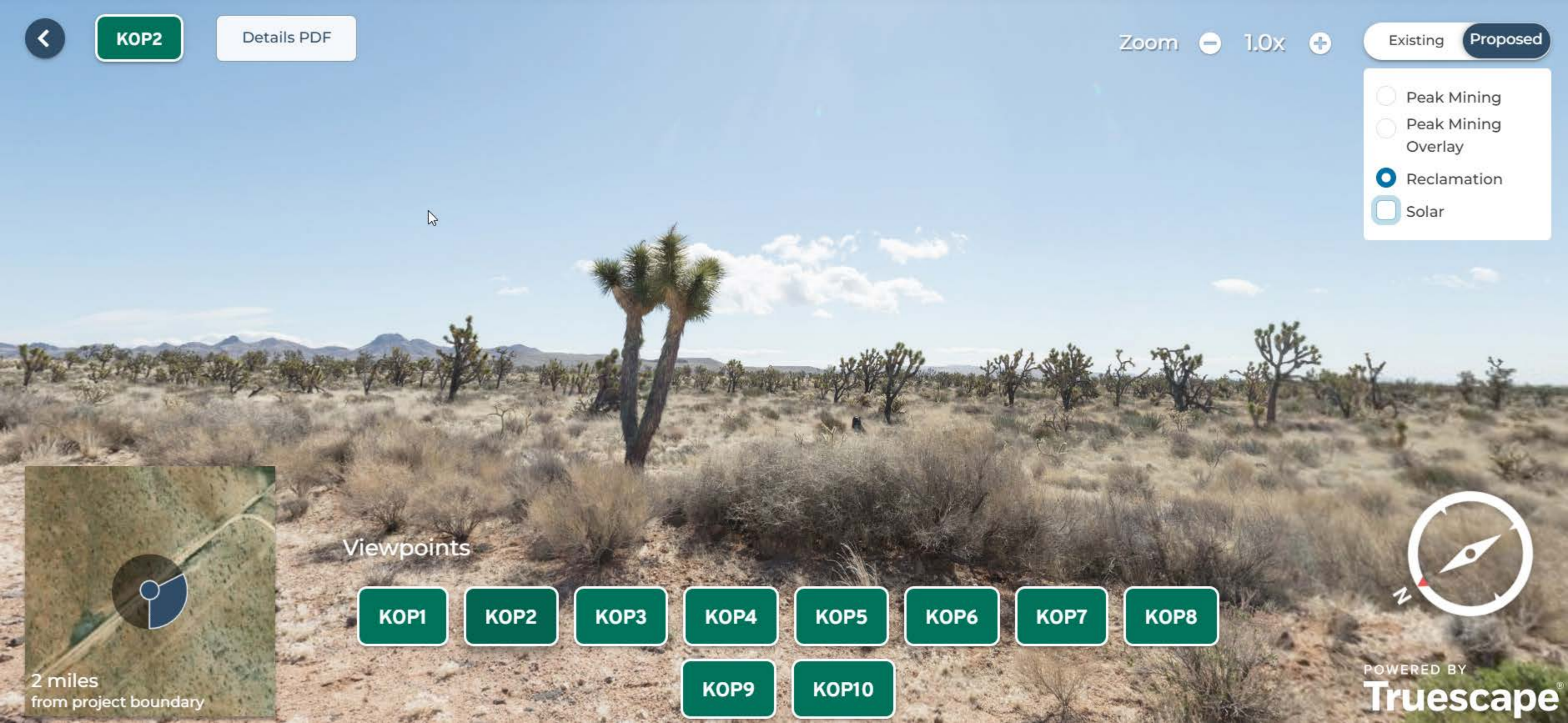
KOP2

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation
- Solar



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



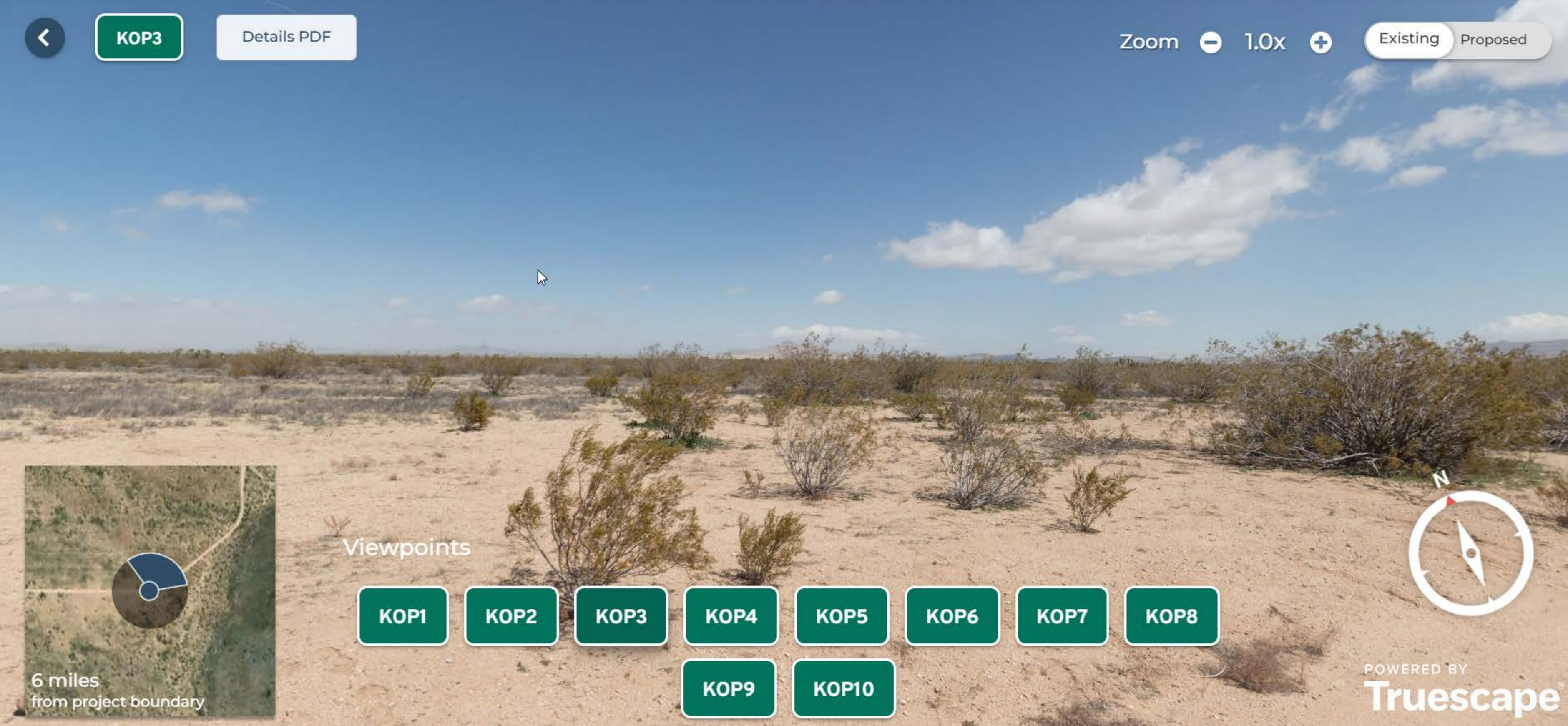


KOP3

Details PDF

Zoom 1.0x

Existing Proposed



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



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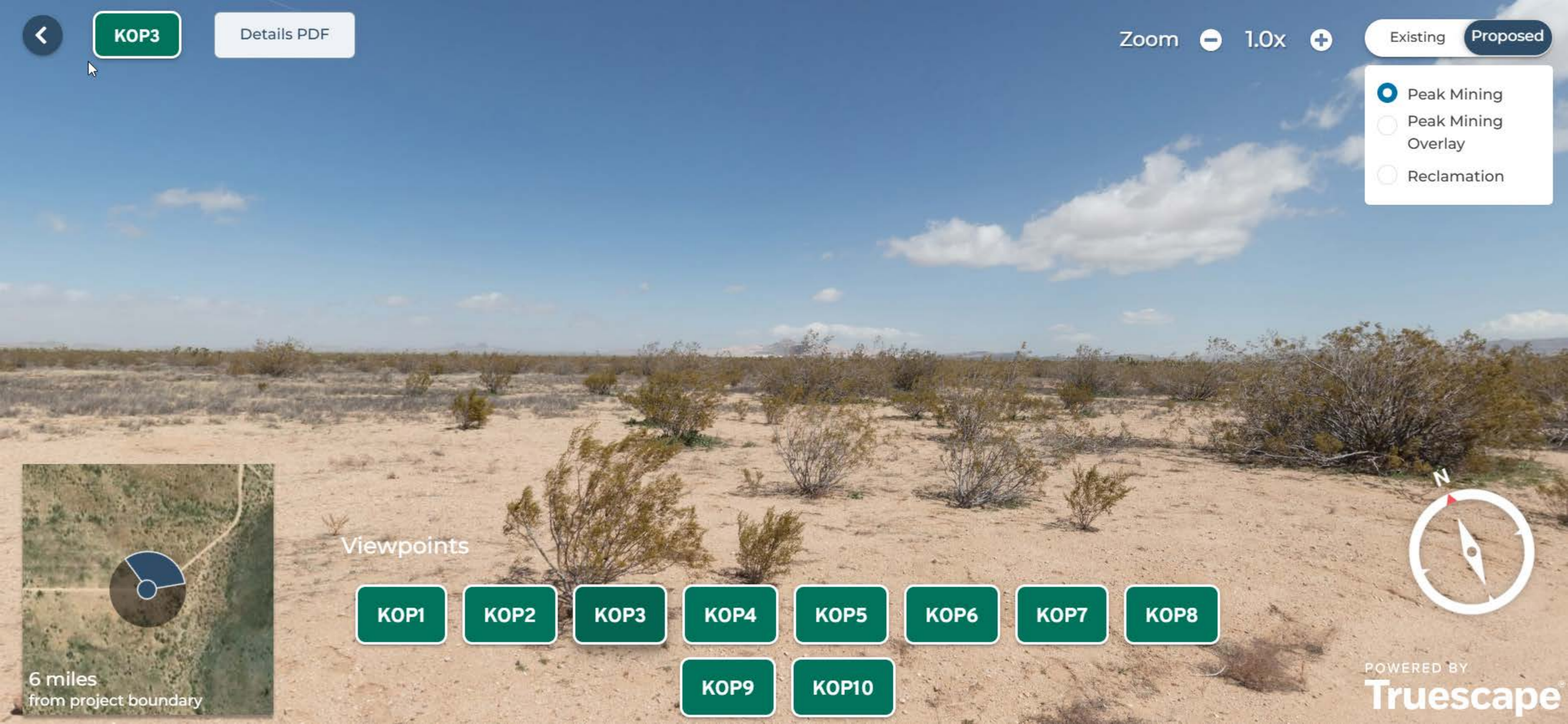
KOP3

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



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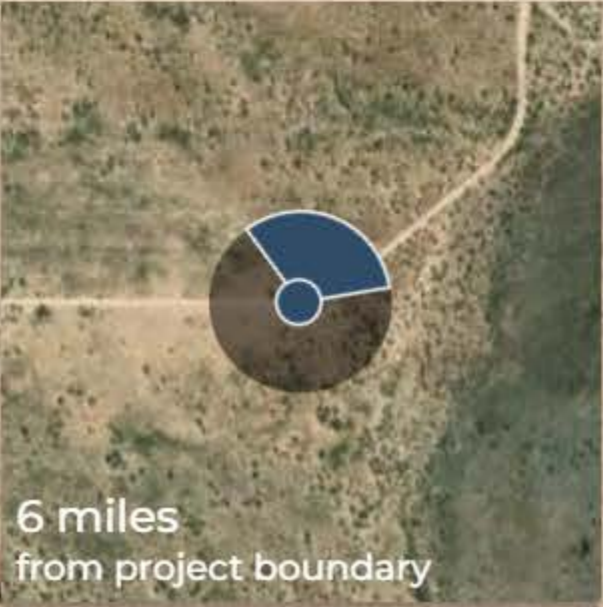
KOP3

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





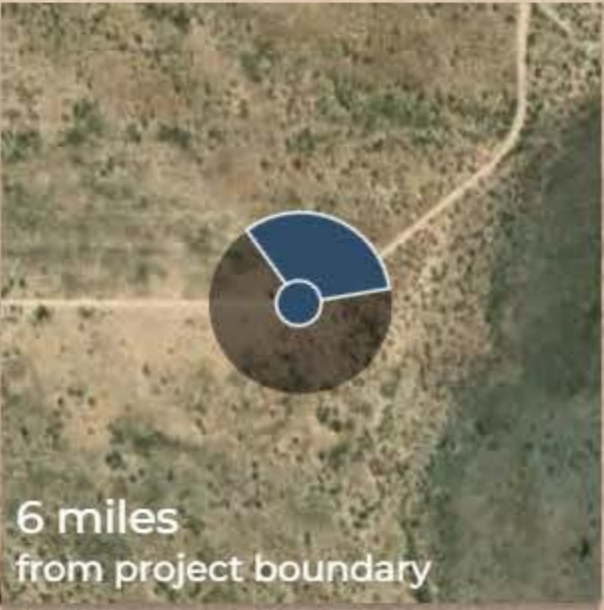
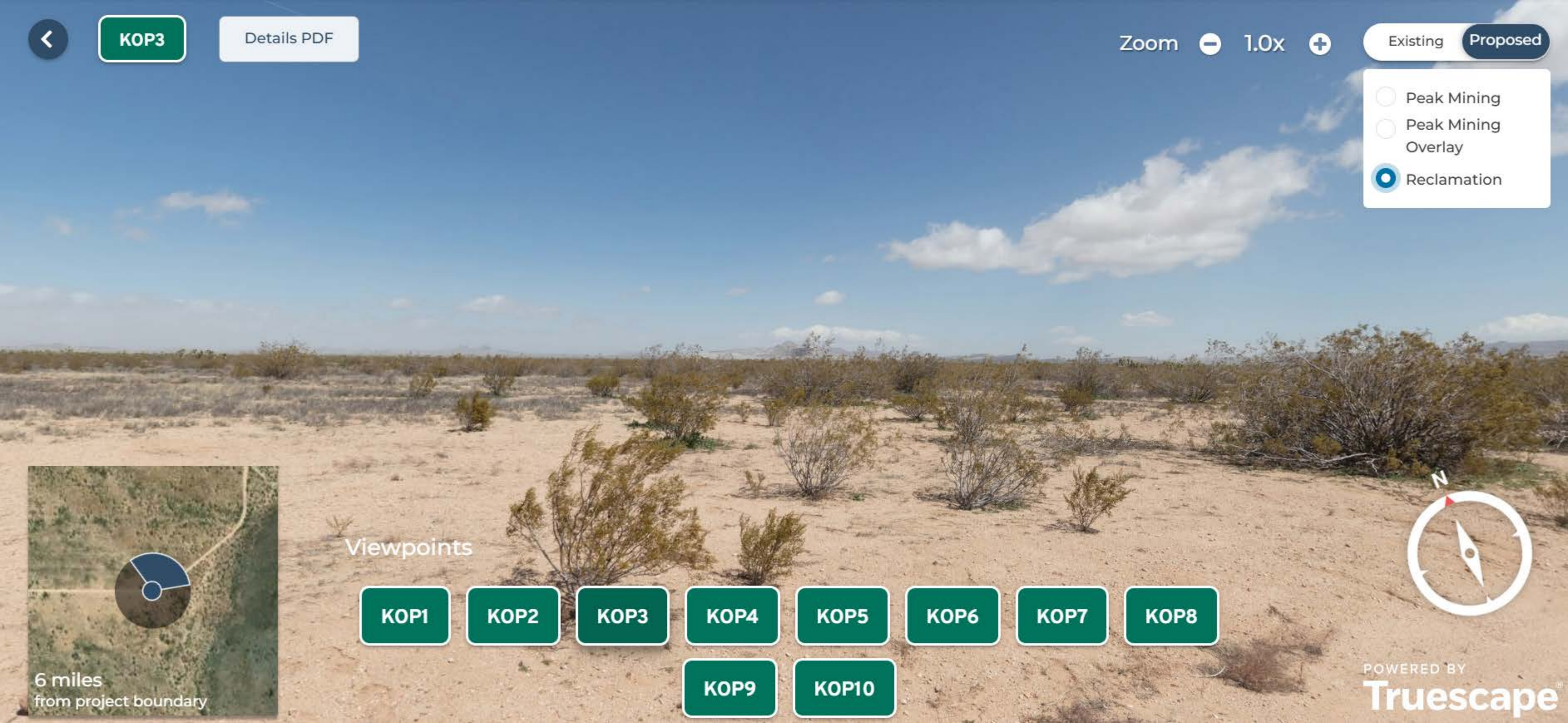
KOP3

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





KOP4

Details PDF

Zoom 1.0x

Existing Proposed



0.5 miles from project boundary

Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



KOP is taken from and includes the access road (CMM Mitigated Access Route)



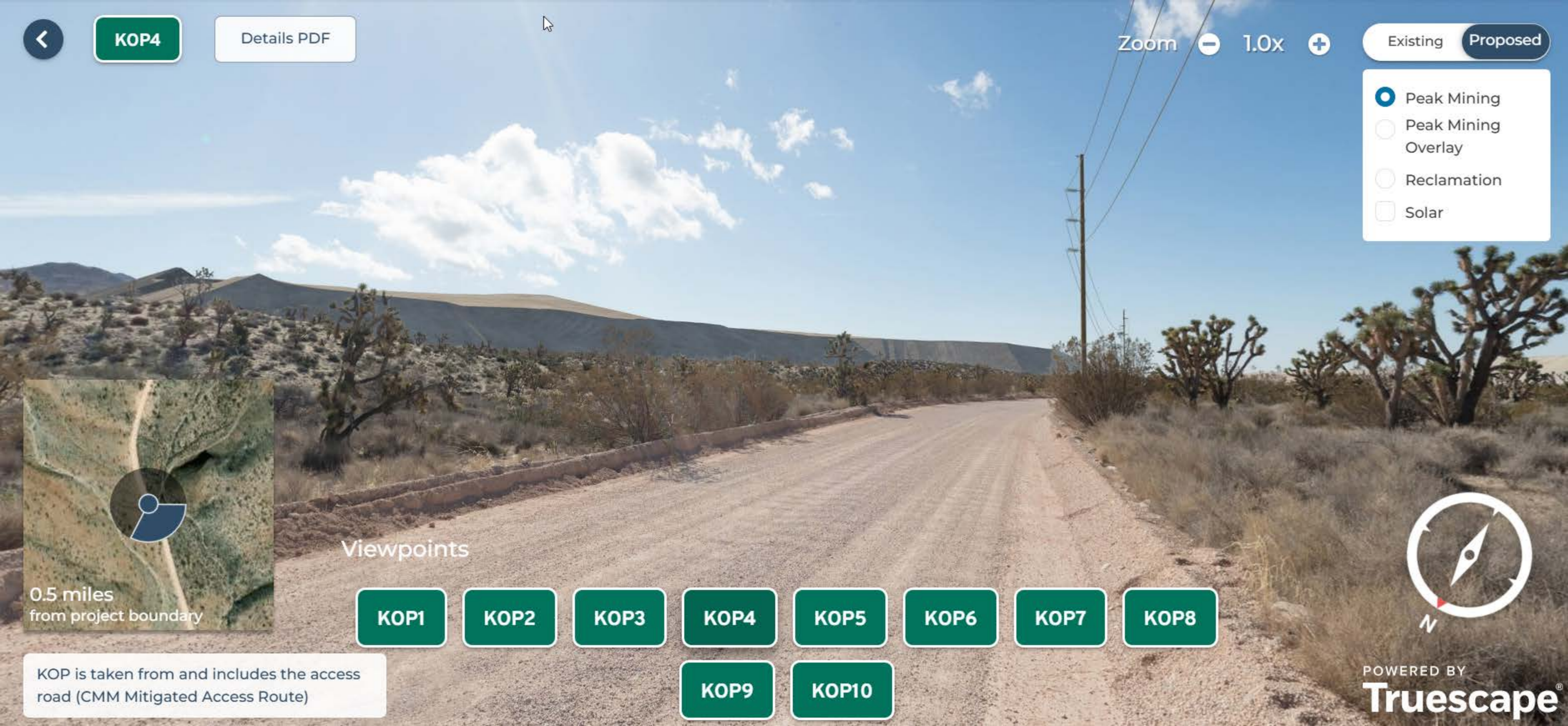
KOP4

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation
- Solar



0.5 miles from project boundary

Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



KOP is taken from and includes the access road (CMM Mitigated Access Route)



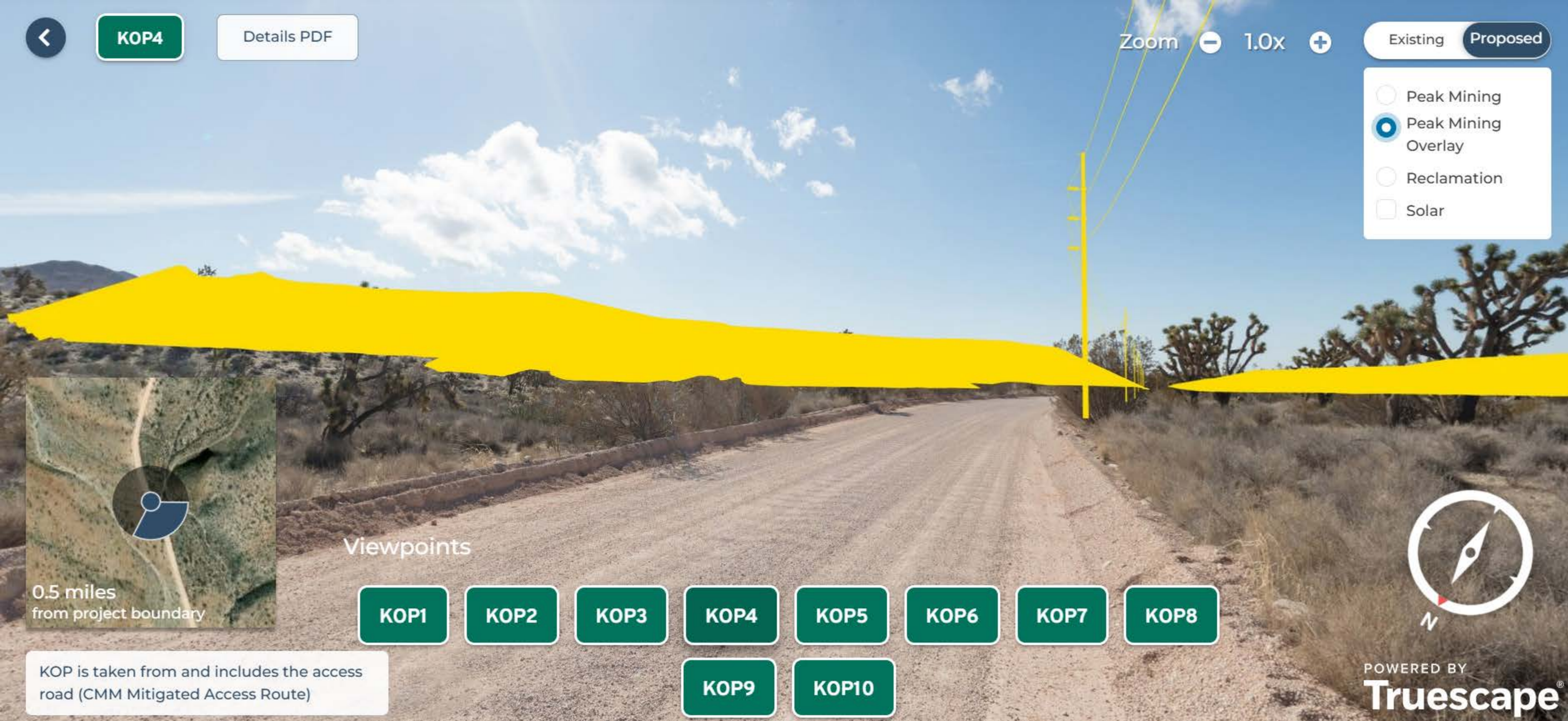
KOP4

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation
- Solar



0.5 miles from project boundary

Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



KOP is taken from and includes the access road (CMM Mitigated Access Route)



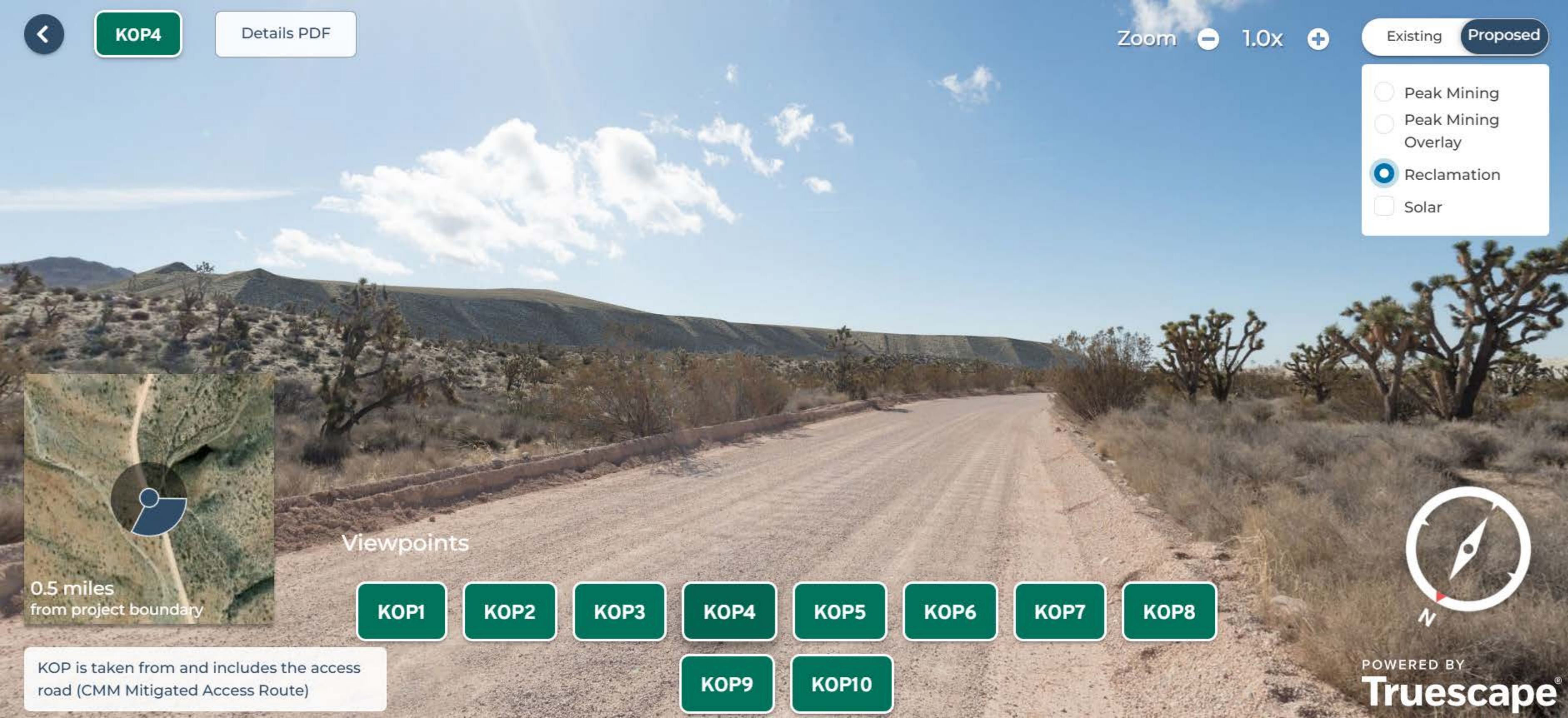
KOP4

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation
- Solar



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10

KOP is taken from and includes the access road (CMM Mitigated Access Route)





KOP5

Details PDF

Zoom 1.0x

Existing Proposed

Castle Mountain Mine Area

Castle Peaks
Hart Peak



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



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KOP5

Details PDF

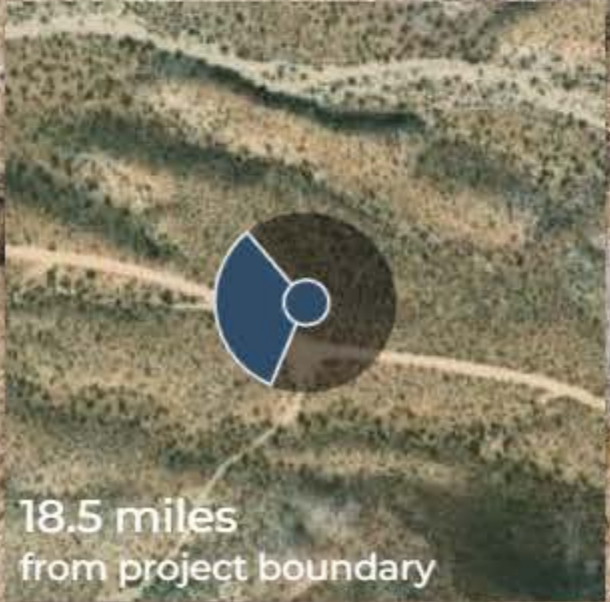
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Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation

Castle Mountain Mine Area

Castle Peaks
Hart Peak



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



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KOP5

Details PDF

Zoom 1.0x

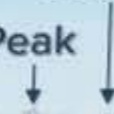
Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation

Castle Mountain Mine Area



Castle Peaks
Hart Peak



18.5 miles from project boundary

Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



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KOP5

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation

Castle Mountain Mine Area

Castle Peaks
Hart Peak



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



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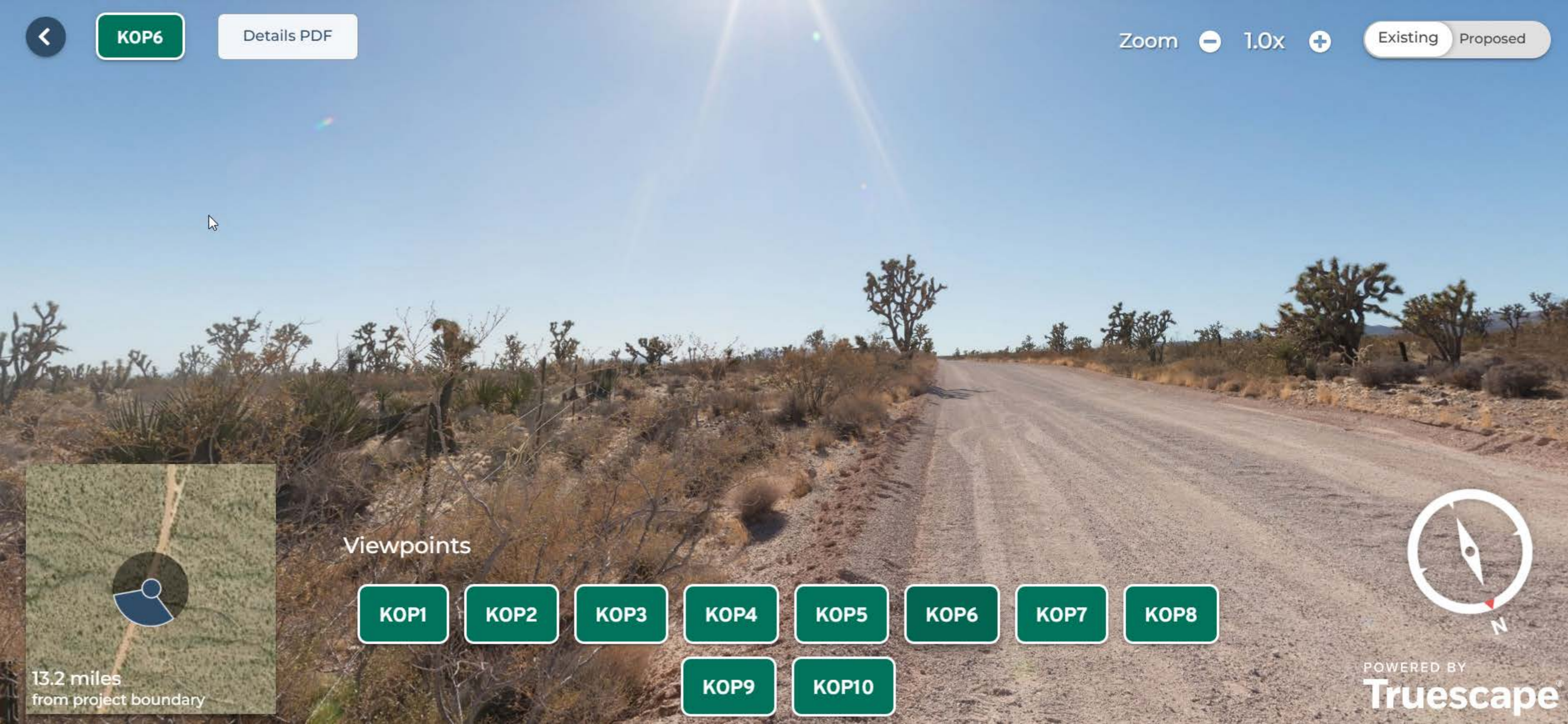


KOP6

Details PDF

Zoom 1.0x

Existing Proposed



13.2 miles from project boundary

Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



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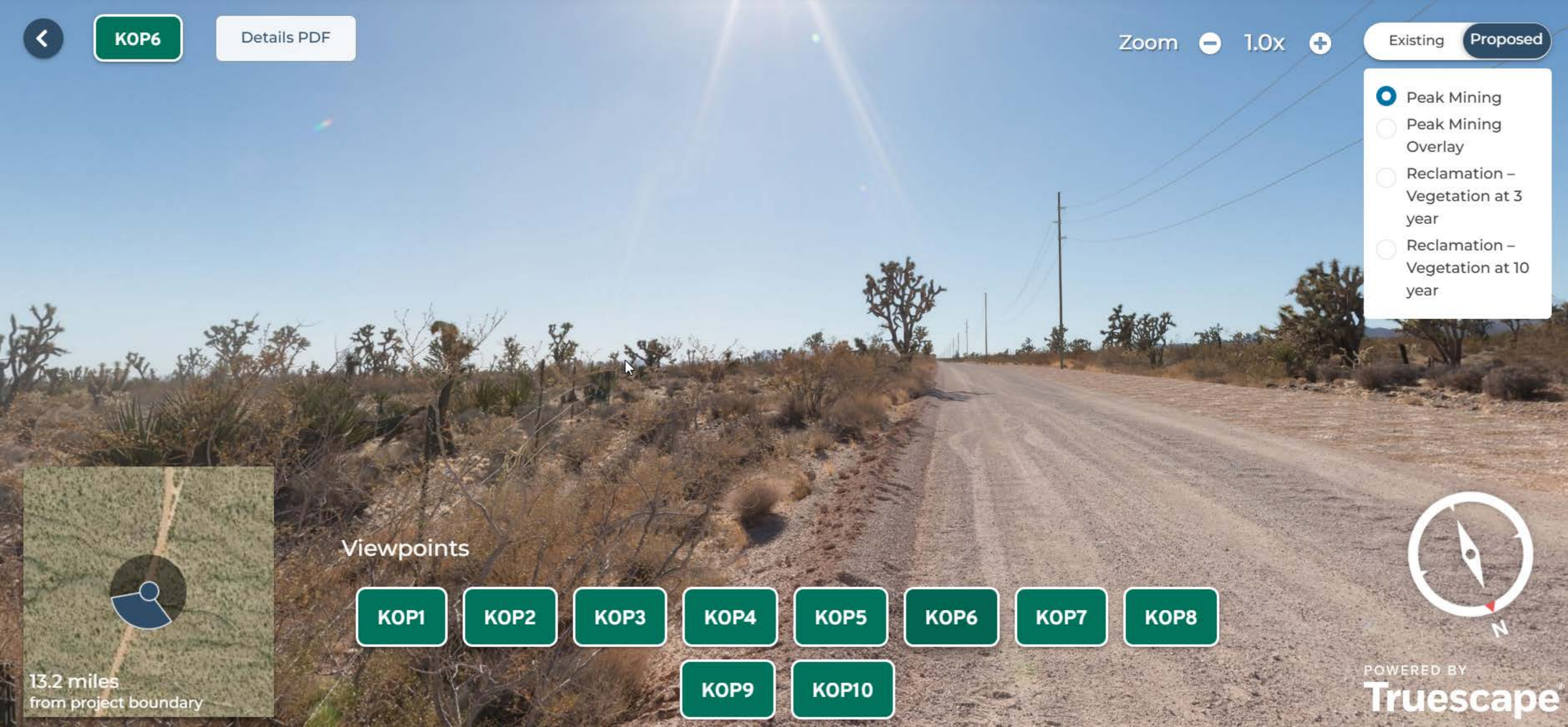
KOP6

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation - Vegetation at 3 year
- Reclamation - Vegetation at 10 year



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





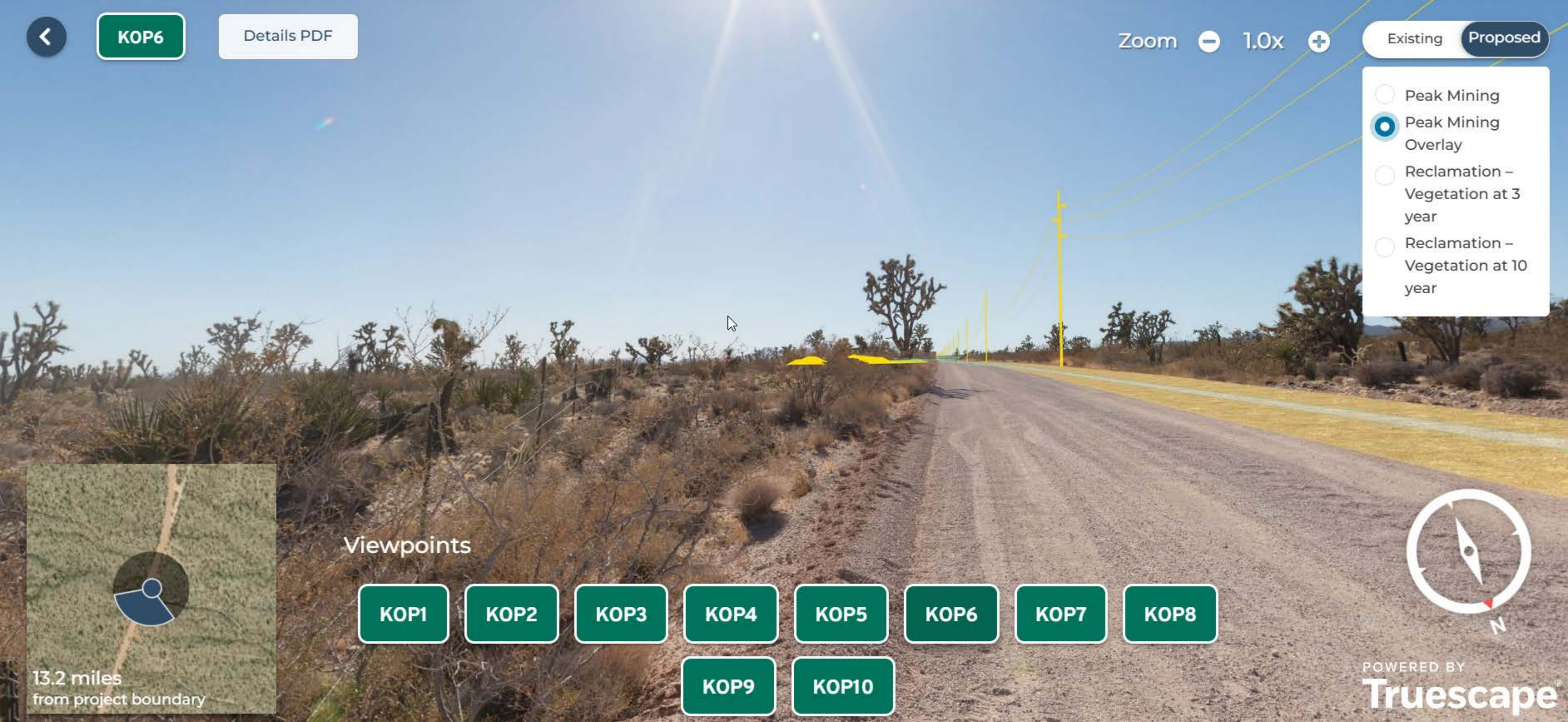
KOP6

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation - Vegetation at 3 year
- Reclamation - Vegetation at 10 year



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





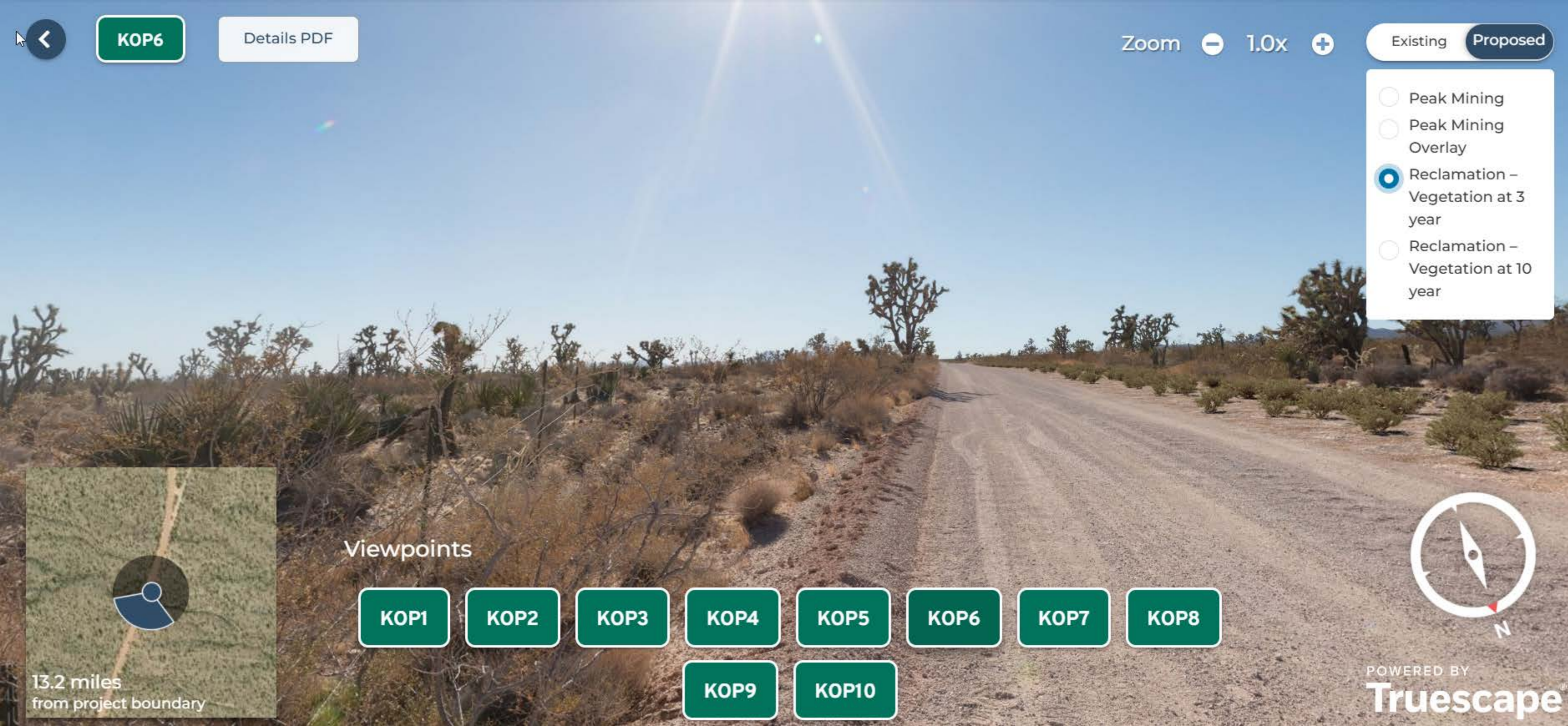
KOP6

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation - Vegetation at 3 year
- Reclamation - Vegetation at 10 year



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





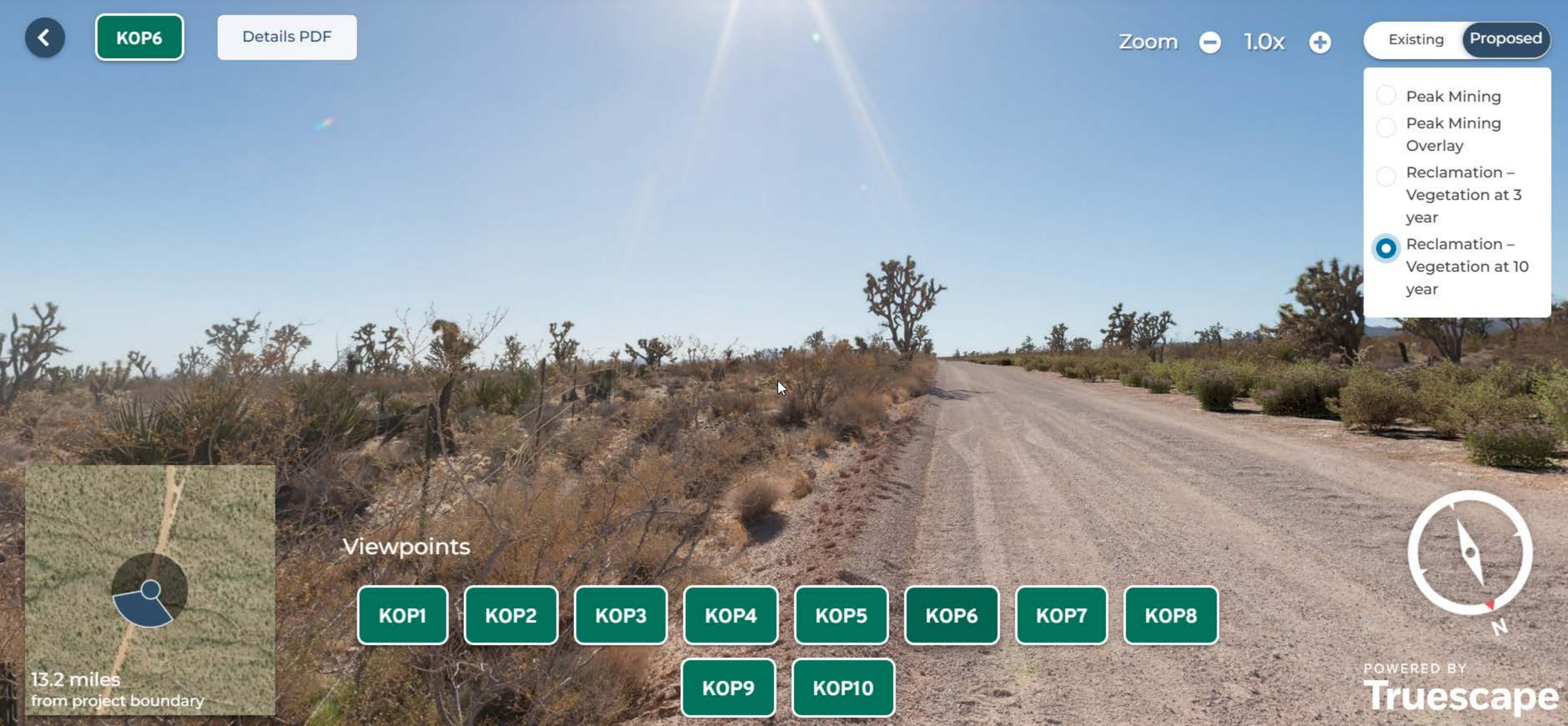
KOP6

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation - Vegetation at 3 year
- Reclamation - Vegetation at 10 year



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



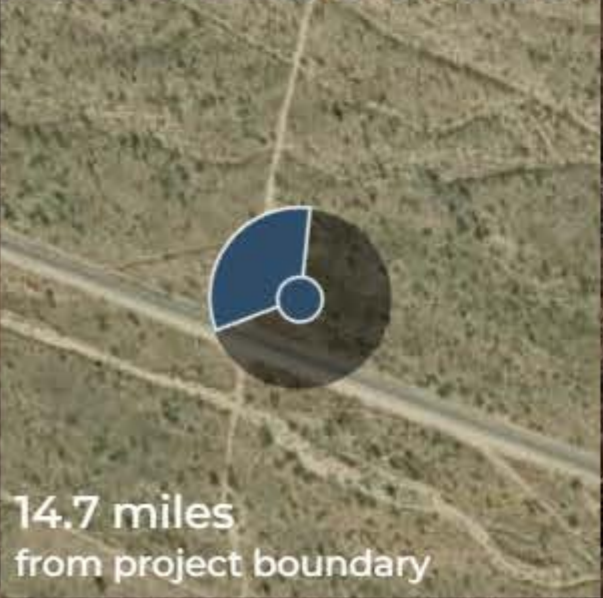
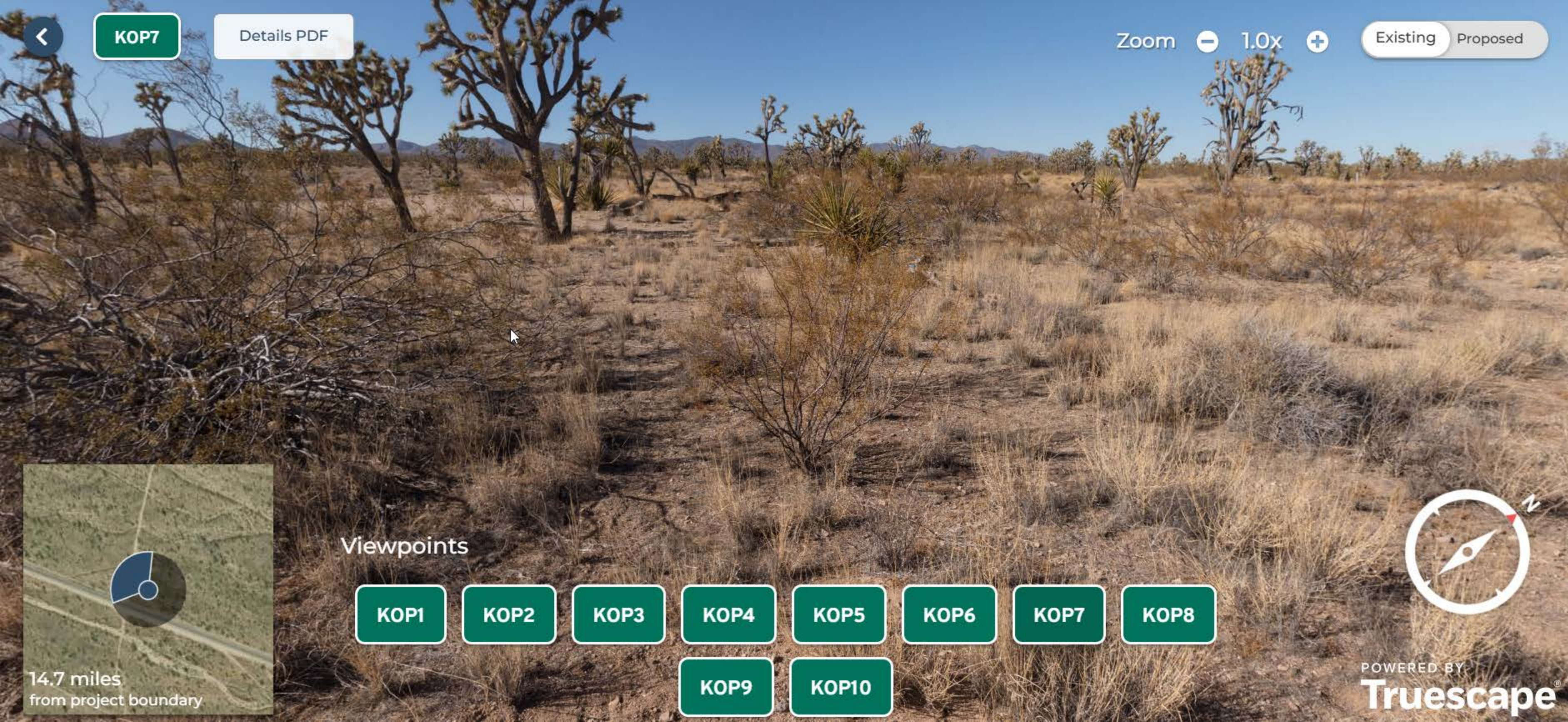


KOP7

Details PDF

Zoom 1.0x

Existing Proposed



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

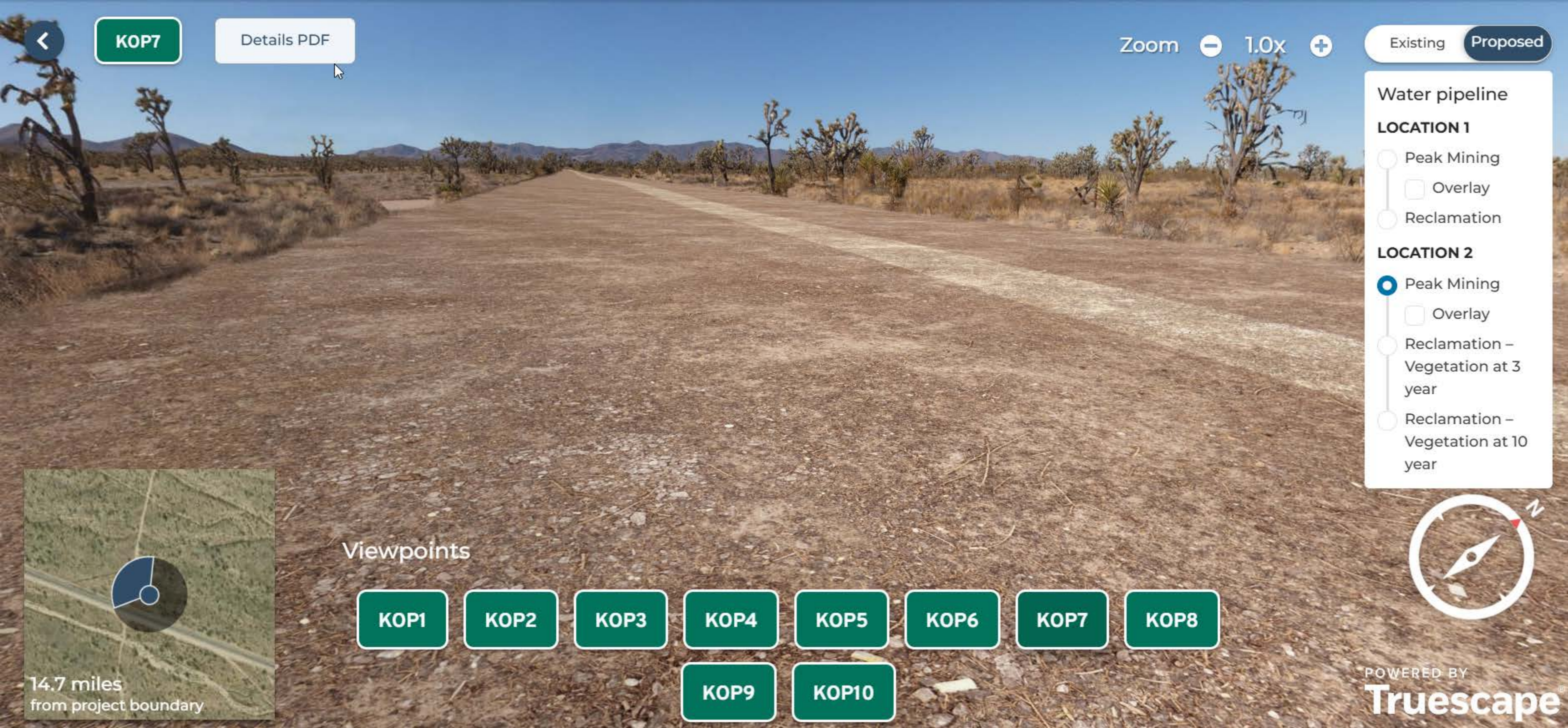
KOP7

KOP8

KOP9

KOP10





KOP7

Details PDF

Zoom 1.0x

Existing Proposed

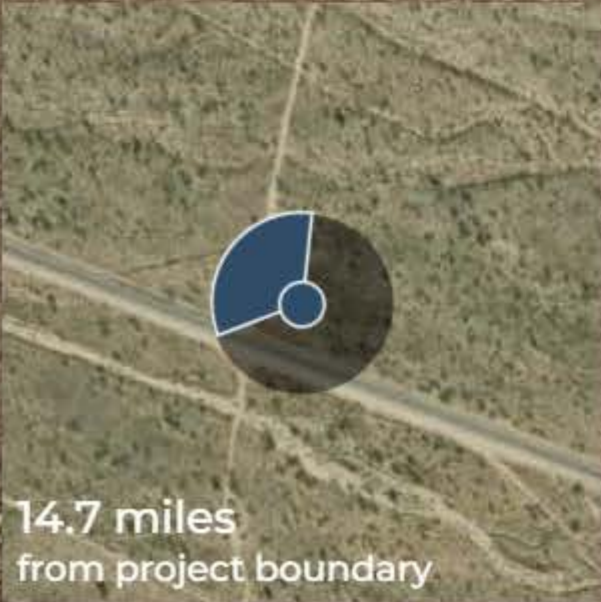
Water pipeline

LOCATION 1

- Peak Mining
- Overlay
- Reclamation

LOCATION 2

- Peak Mining
- Overlay
- Reclamation - Vegetation at 3 year
- Reclamation - Vegetation at 10 year



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

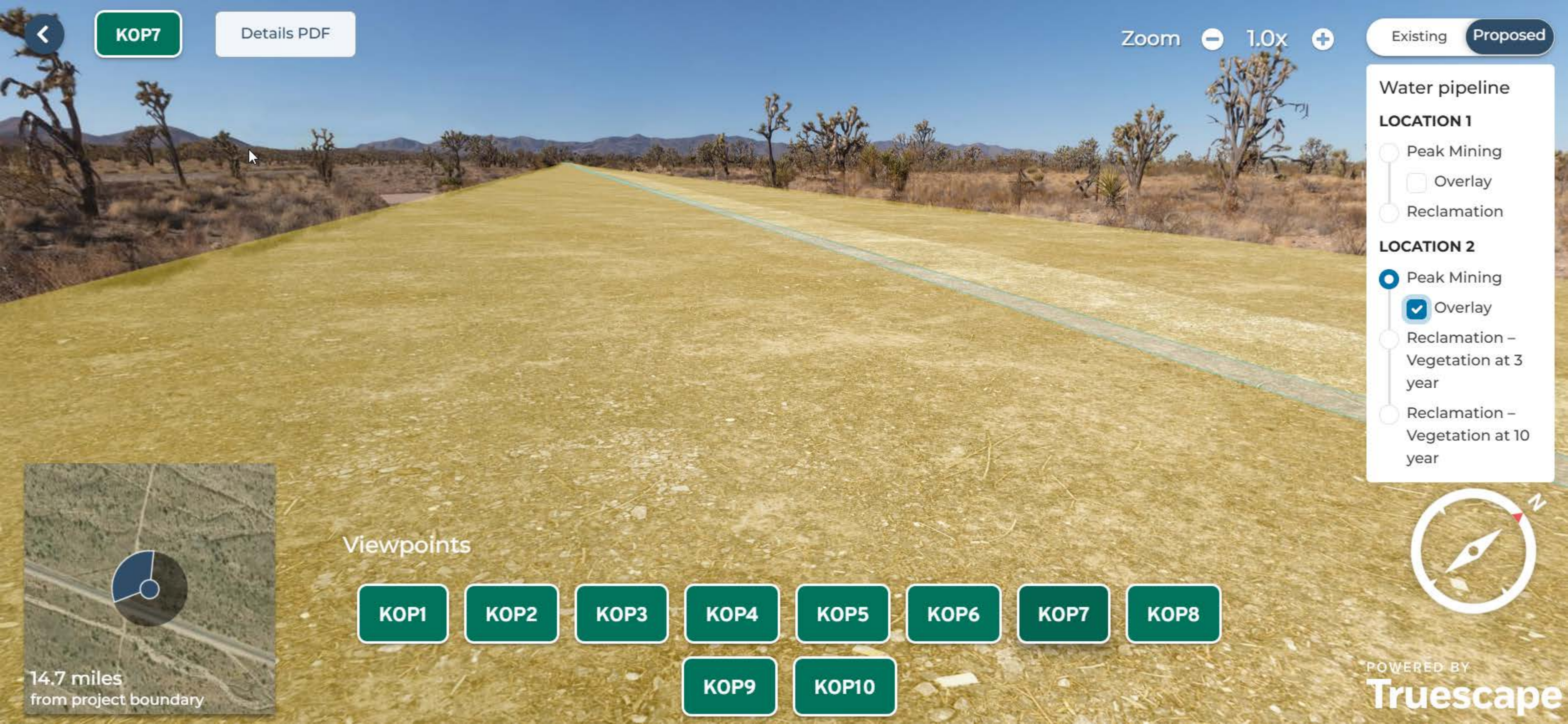
KOP7

KOP8

KOP9

KOP10





KOP7

Details PDF

Zoom 1.0x

Existing Proposed

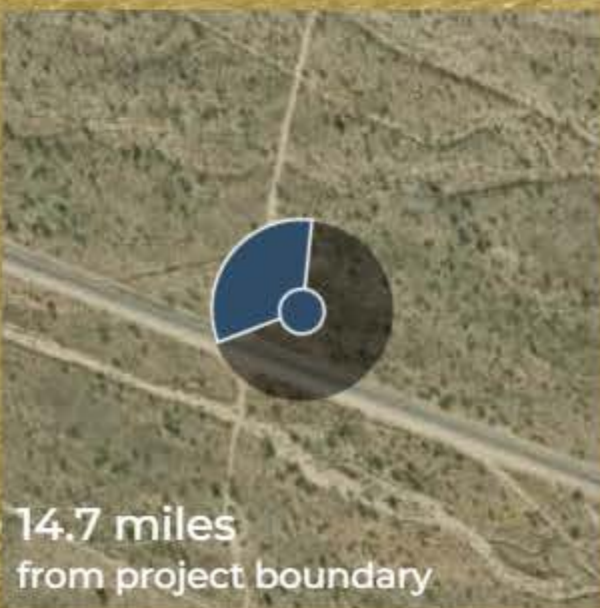
Water pipeline

LOCATION 1

- Peak Mining
- Overlay
- Reclamation

LOCATION 2

- Peak Mining
- Overlay
- Reclamation - Vegetation at 3 year
- Reclamation - Vegetation at 10 year



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





KOP7

Details PDF

Zoom 1.0x

Existing Proposed

Water pipeline

LOCATION 1

- Peak Mining
- Overlay
- Reclamation

LOCATION 2

- Peak Mining
- Overlay
- Reclamation - Vegetation at 3 year
- Reclamation - Vegetation at 10 year



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

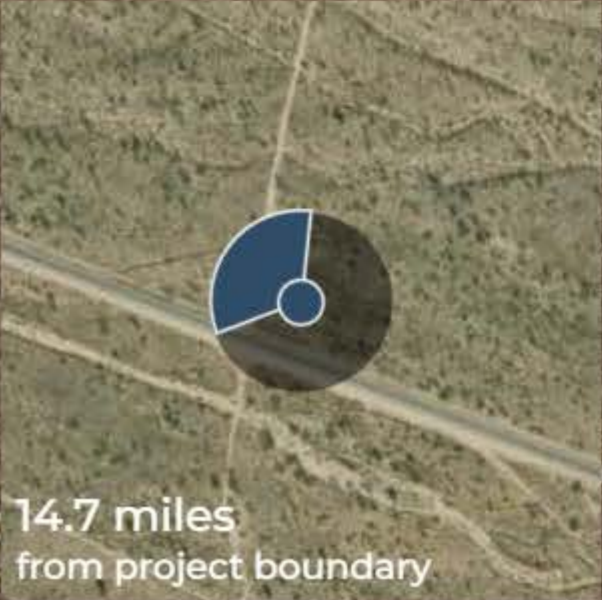
KOP6

KOP7

KOP8

KOP9

KOP10



14.7 miles from project boundary



KOP7

Details PDF

Zoom 1.0x

Existing Proposed

Water pipeline

LOCATION 1

- Peak Mining
- Overlay
- Reclamation

LOCATION 2

- Peak Mining
- Overlay
- Reclamation - Vegetation at 3 year
- Reclamation - Vegetation at 10 year

Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

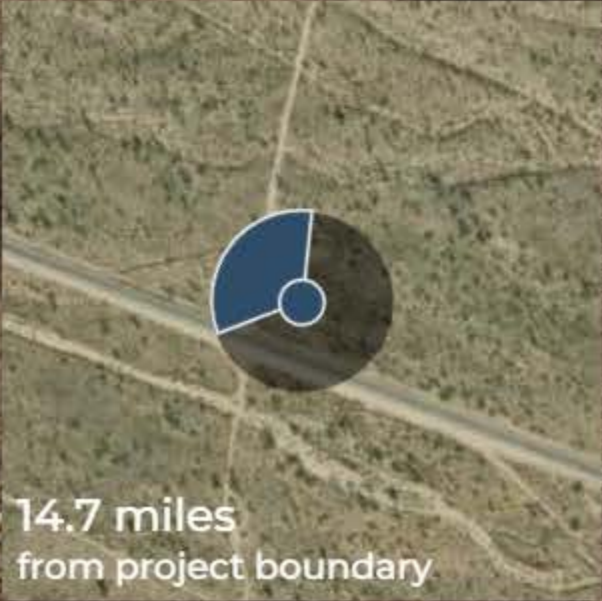
KOP8

KOP9

KOP10



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14.7 miles from project boundary

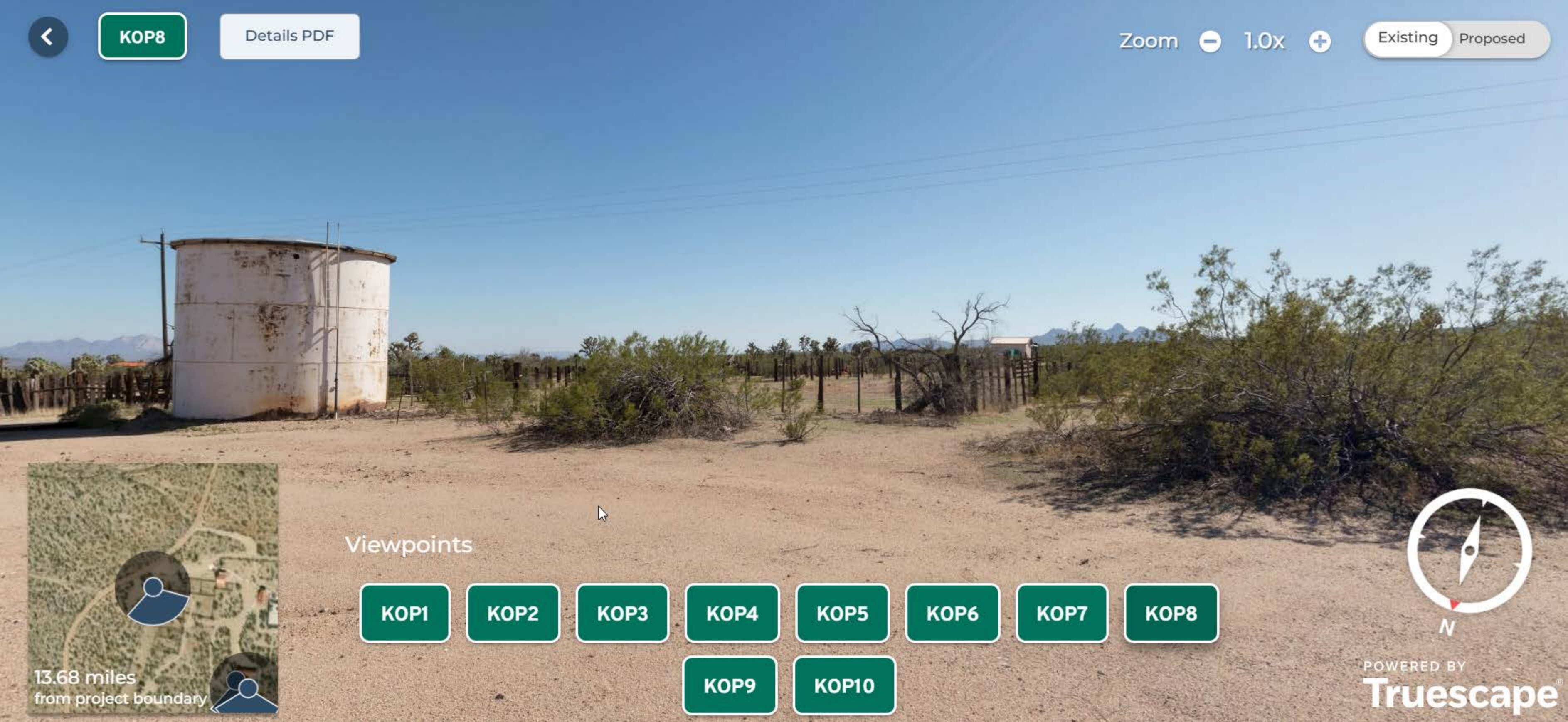


KOP8

Details PDF

Zoom 1.0x

Existing Proposed



13.68 miles from project boundary

Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



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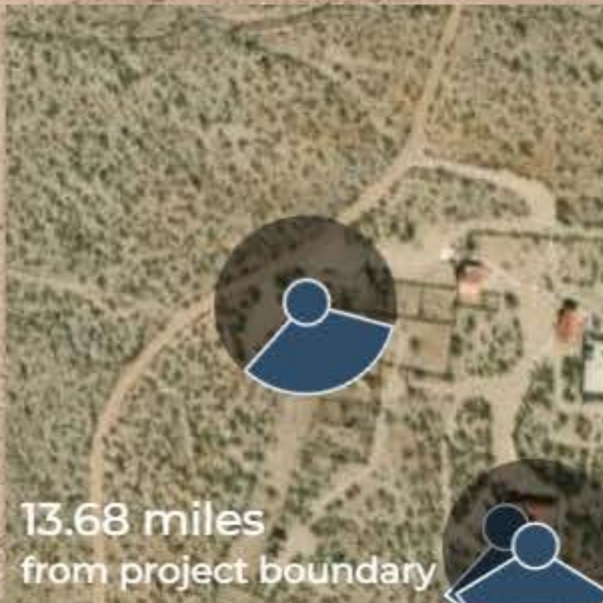
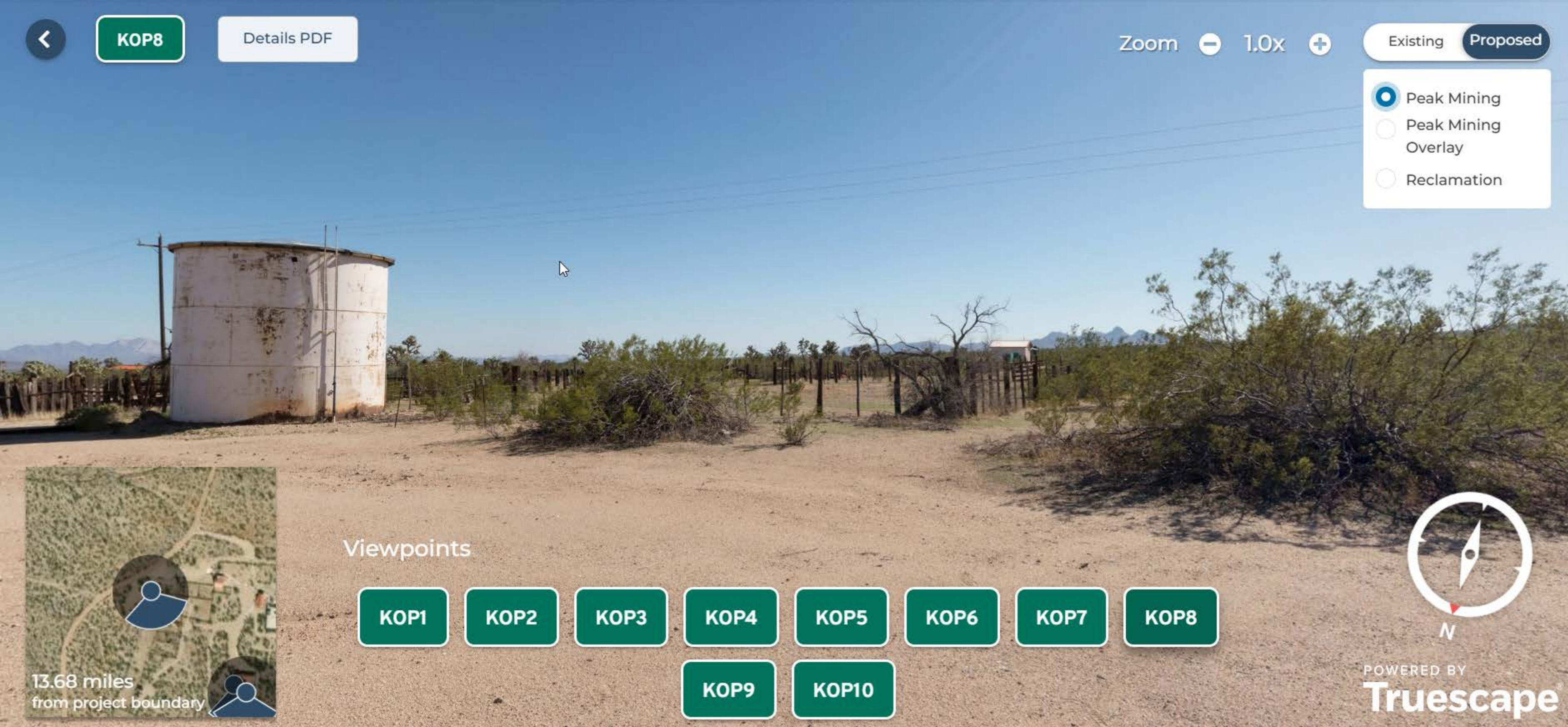
KOP8

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





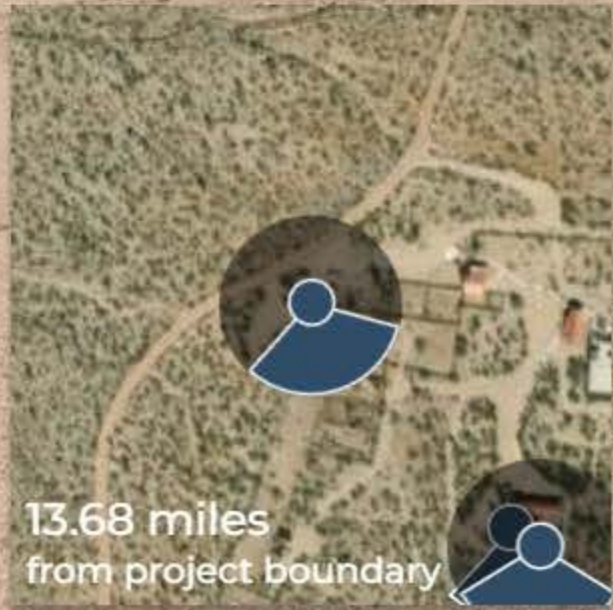
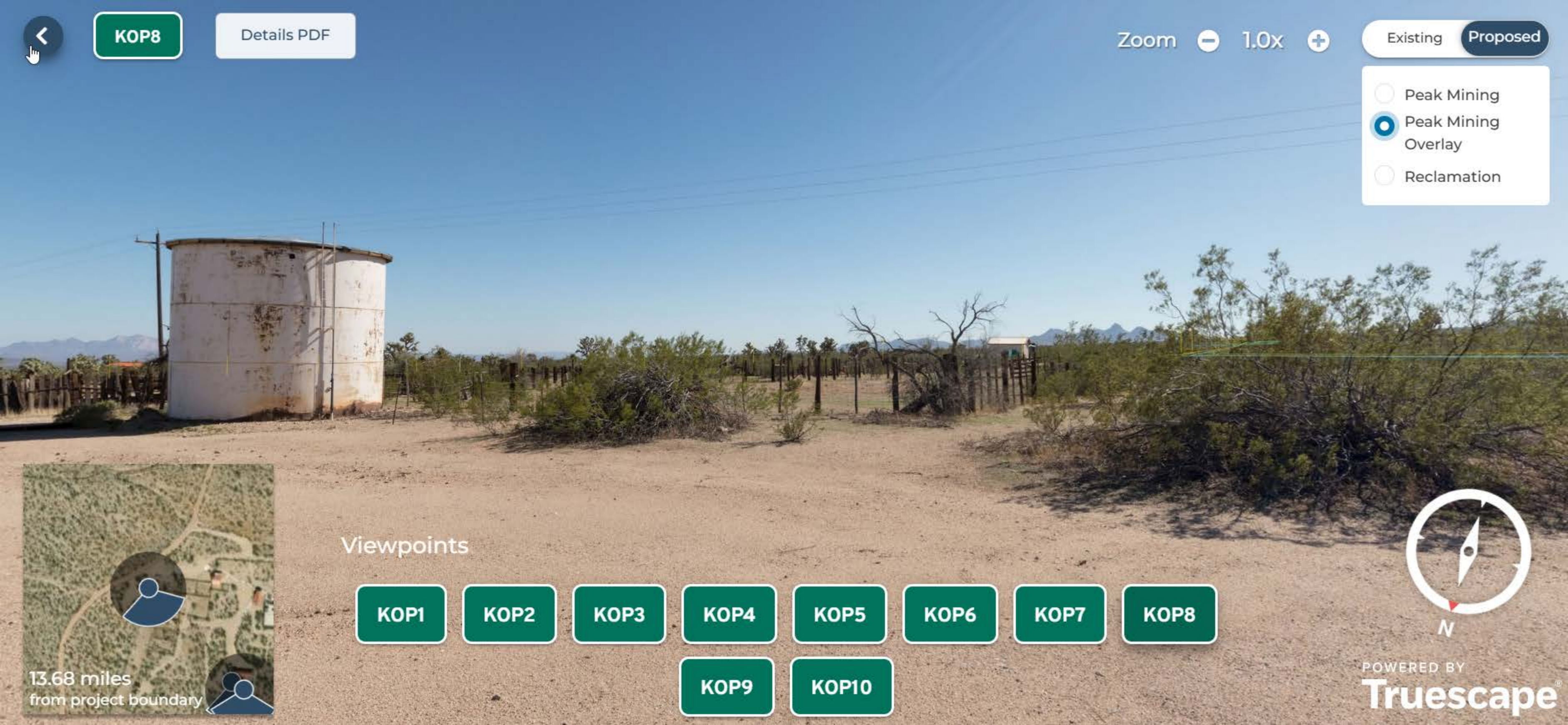
KOP8

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





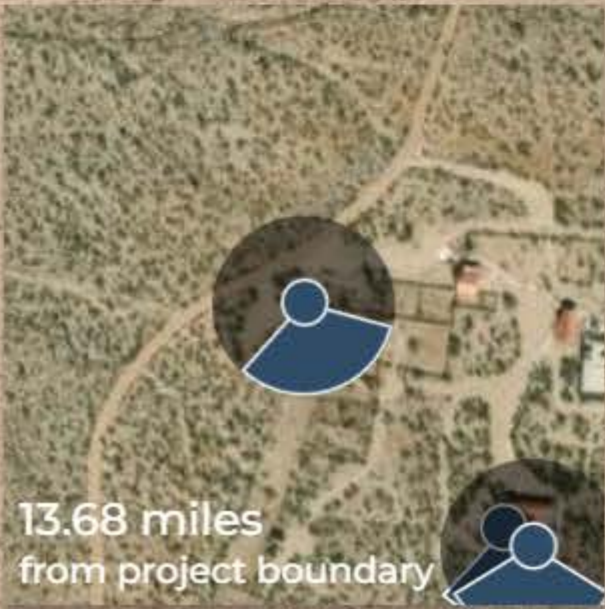
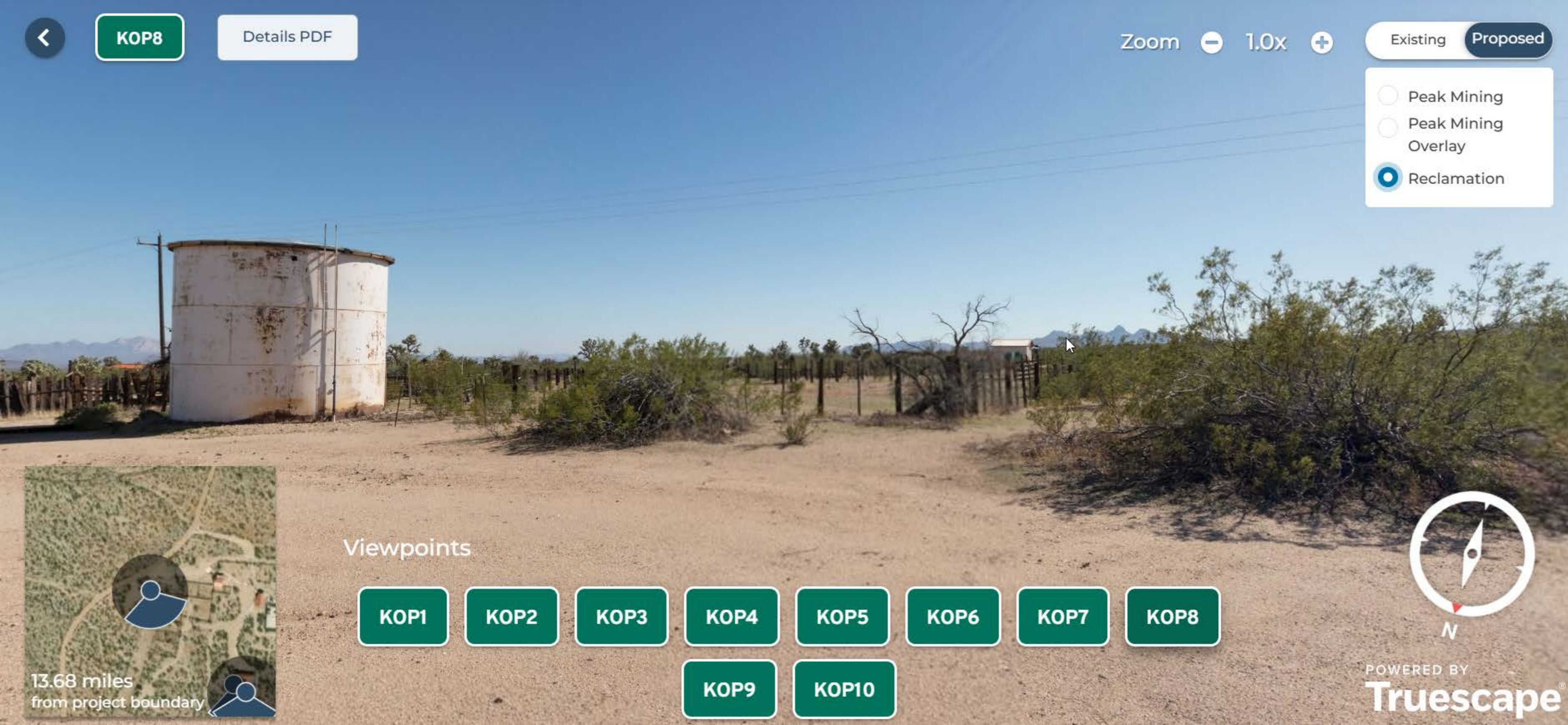
KOP8

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



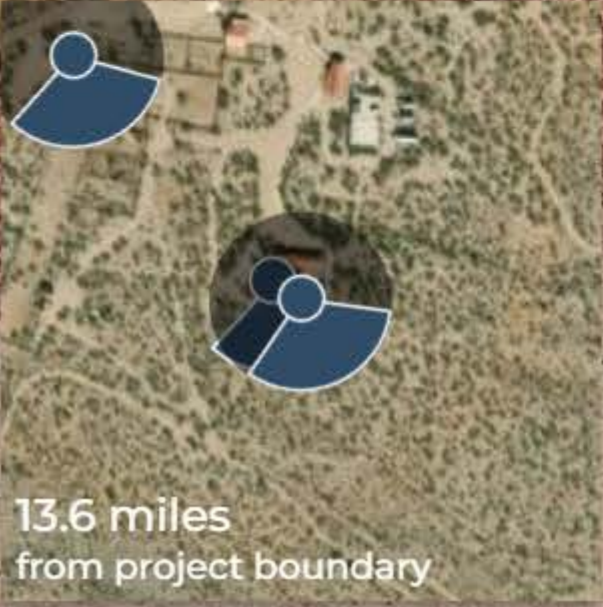
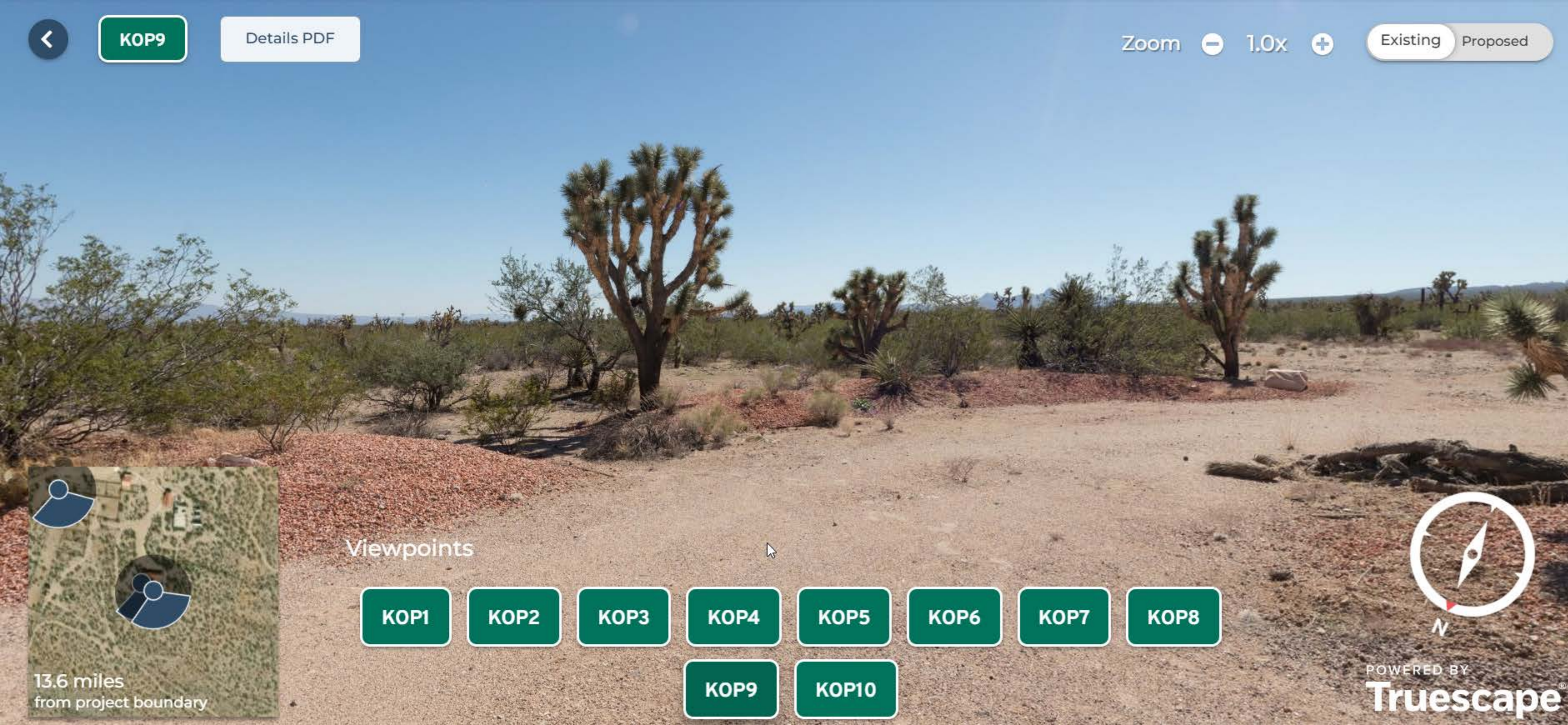


KOP9

Details PDF

Zoom - 1.0x +

Existing Proposed



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





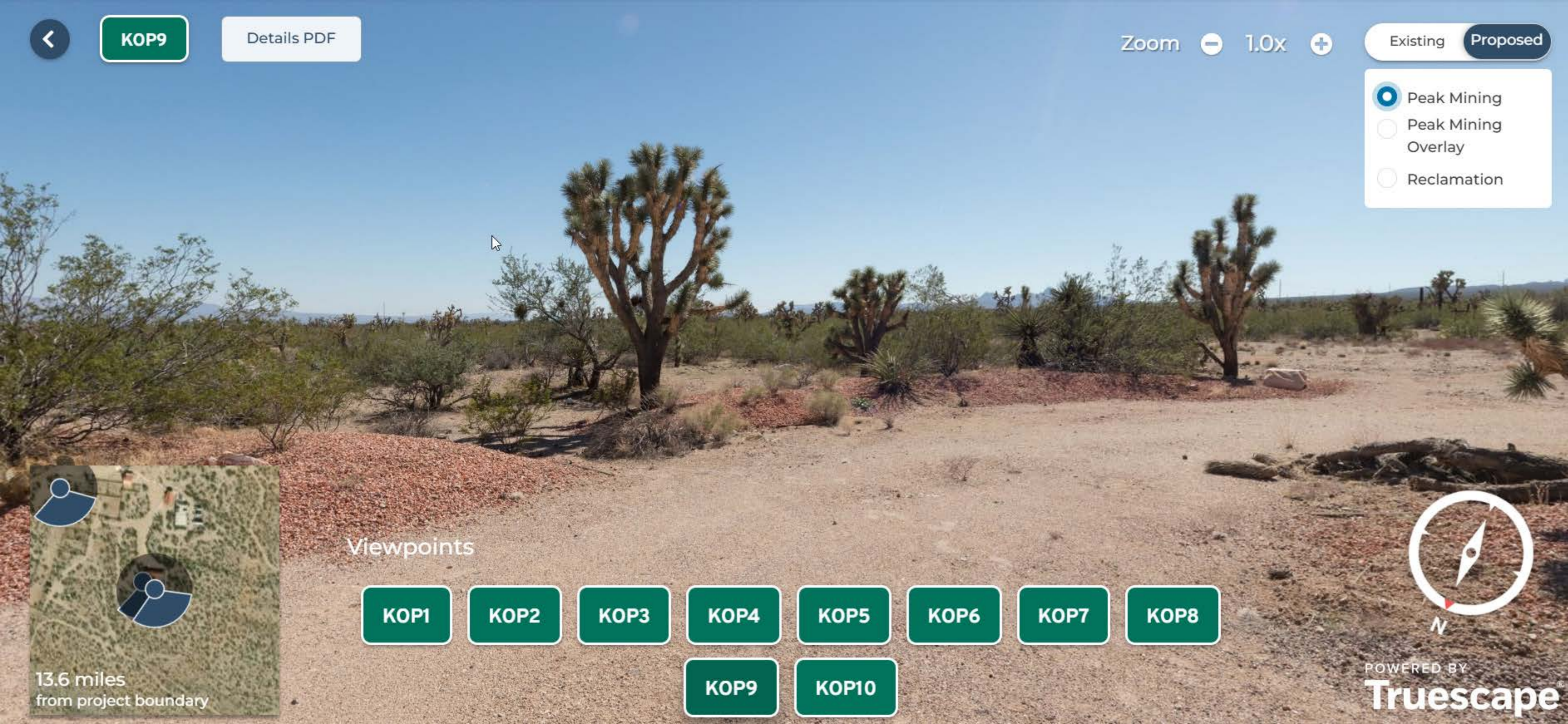
KOP9

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





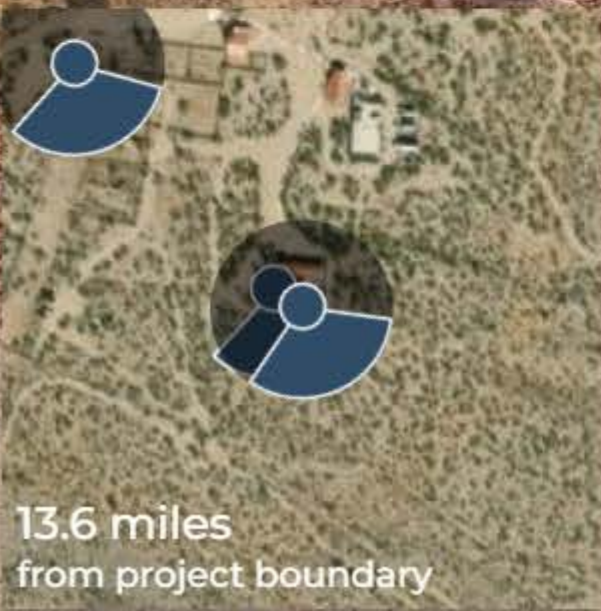
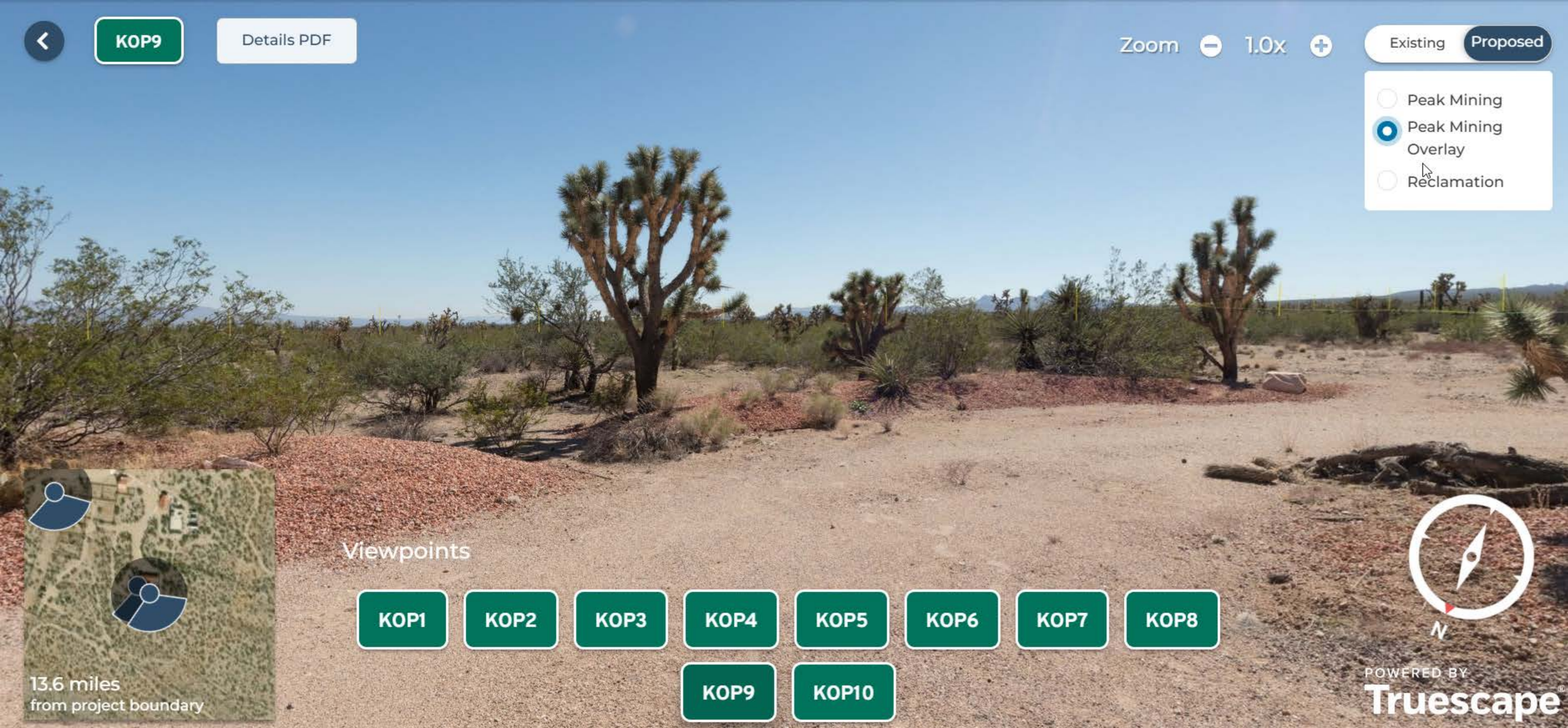
KOP9

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





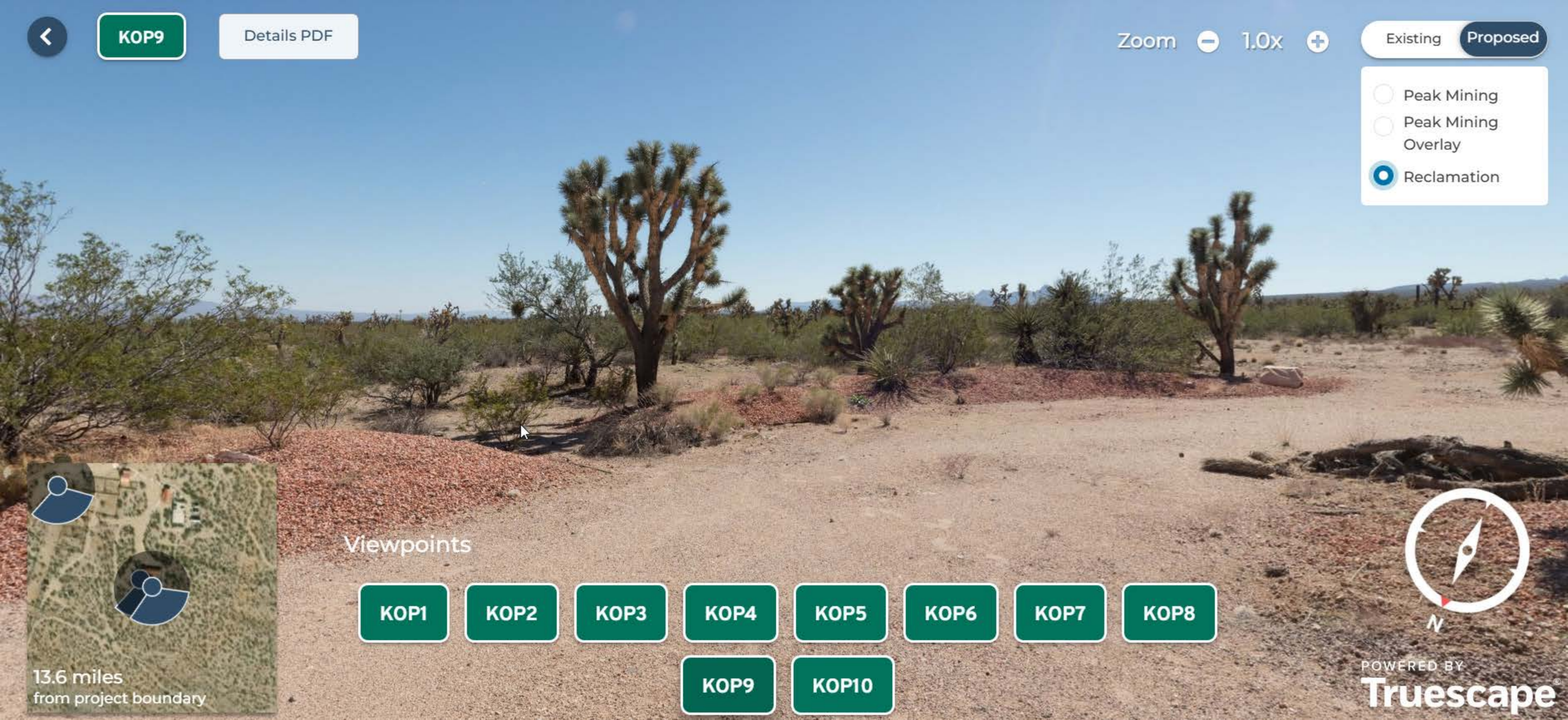
KOP9

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





KOP10

Details PDF

Zoom 1.0x

Existing Proposed



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



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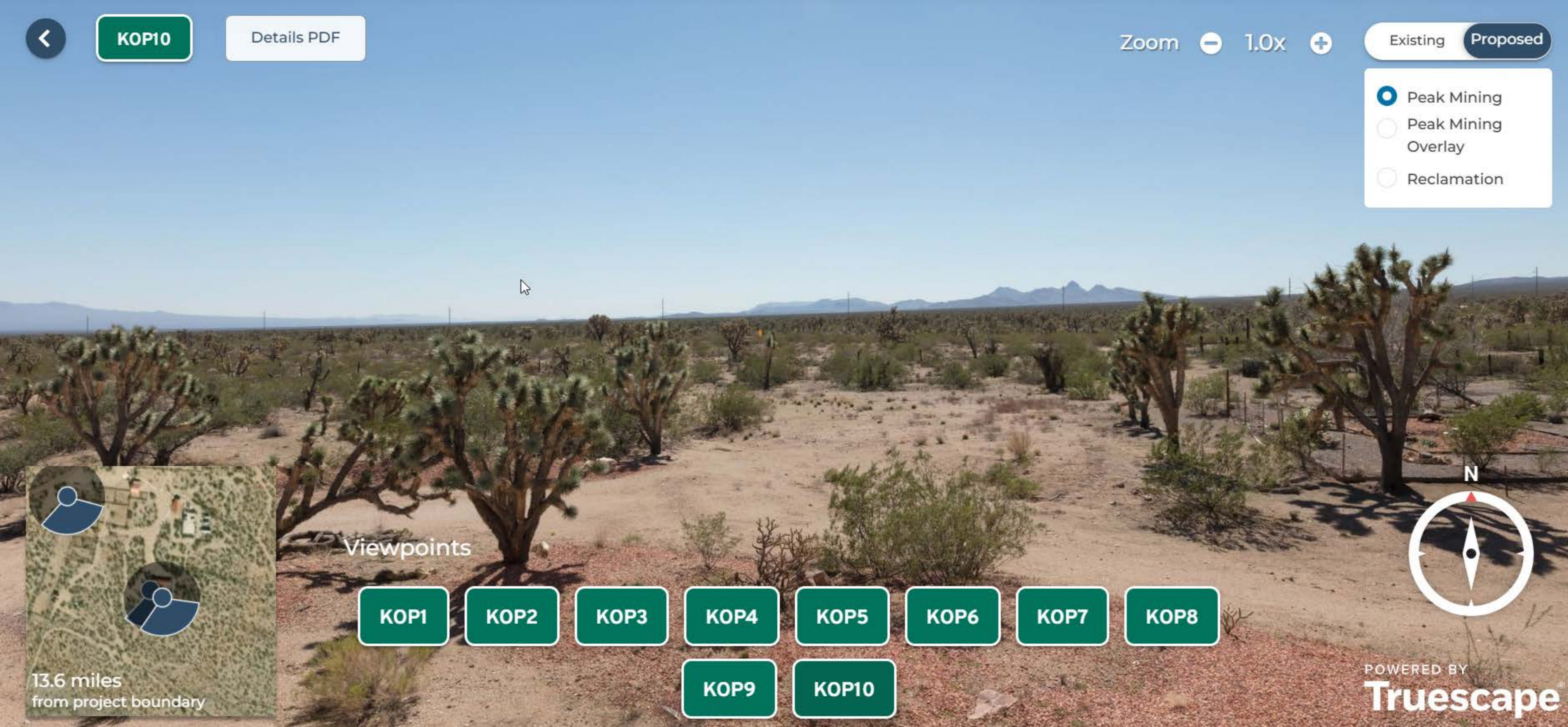
KOP10

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





KOP10

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10





KOP10

Details PDF

Zoom 1.0x

Existing Proposed

- Peak Mining
- Peak Mining Overlay
- Reclamation



Viewpoints

KOP1

KOP2

KOP3

KOP4

KOP5

KOP6

KOP7

KOP8

KOP9

KOP10



Sun and Weather



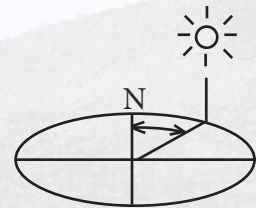
Date: **1-13-26**
 Photo Time: **9:04 am**

Visibility:



Air Quality: Good

Sun Azimuth (degrees): **128.00**



Sun Angle (degrees): **11.78**

Lighting Angle on Project: **Side**

Wind: **6 mph**

Cloud Cover: **0 %**

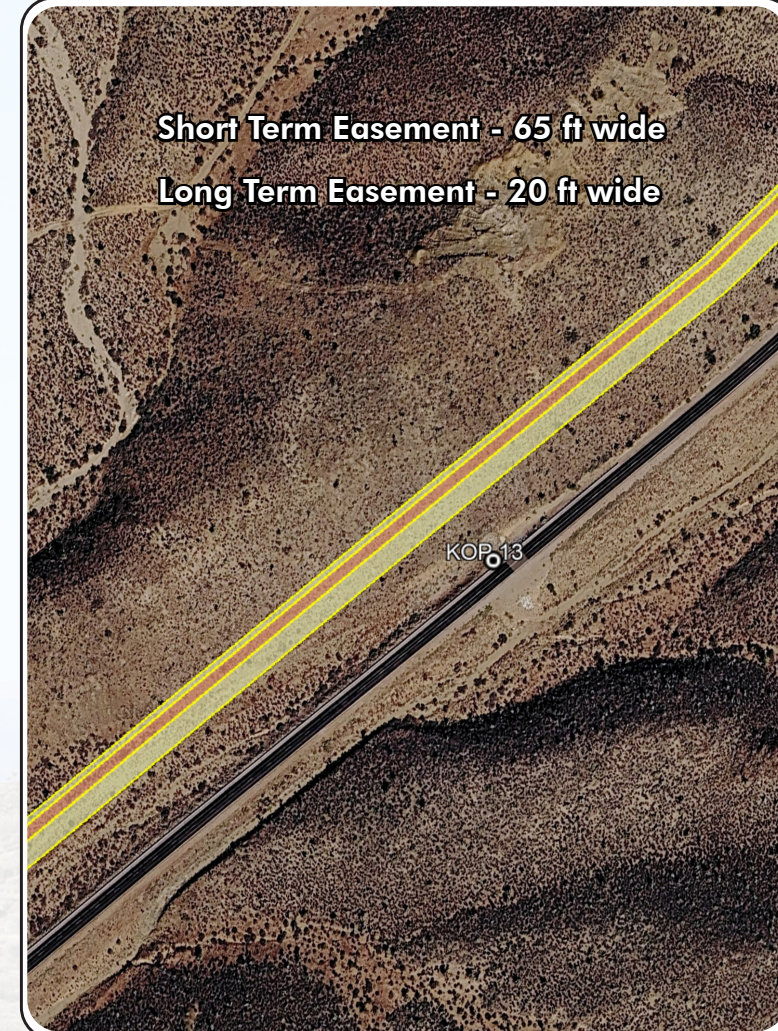
Temperature (°F): **54°F**

Simulation was prepared using information provided by client, "NPS Reroute 2026 01 12.dwg", "CMM ROW - PWL Pull Site_StrLocs.kmz", and "ROWs SHP Files_final.kmz" Locations, colors, and heights may vary based on final engineering and design.

Castle Mountain Mine Phase II Expansion



KOP Location and Visible Elements



Structure Diagram



KOP 13 - SR 164 (McCullough Range)

Base Photographic Documentation

Latitude, Longitude (degrees): **35.50306, -115.14374**

Viewpoint Elevation (feet): **4,830**

Camera Height (meters): **1.8**

Camera Heading (degrees): **230**

Camera Make & Model: **Canon EOS 5D Mark IV**

Camera Sensor Size (mm): **36 x 24 Full Frame**

Lens Make & Model: **AF-P Nikkor**

Lens Focal Length (mm): **50**

Image Size (pixels): **6720 x 4480**

Approximate Distance to Undergrounded Pipeline in Simulation: **300 feet**

Viewing Instructions: Printed at 100% the resulting simulation is 16 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed at arms length (24 inches). If viewed on a computer monitor, scale should be 100%.

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KOP 13: View from SR 164 (McCullough Range) looking southwest - Existing Condition



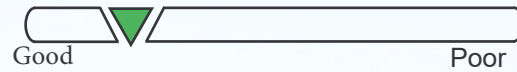
KOP 13: View from SR 164 (McCullough Range) looking southwest - Simulated Condition

Sun and Weather



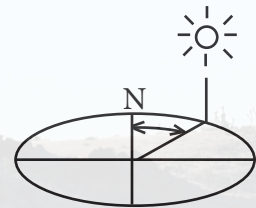
Date: **1-13-26**
Photo Time: **8:12 am**

Visibility:



Air Quality: Good

Sun Azimuth (degrees): **119.70**



Sun Angle (degrees): **3.24**

Lighting Angle on Project: **Side**

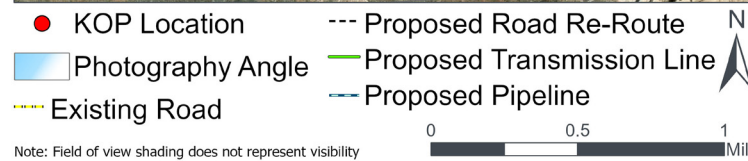
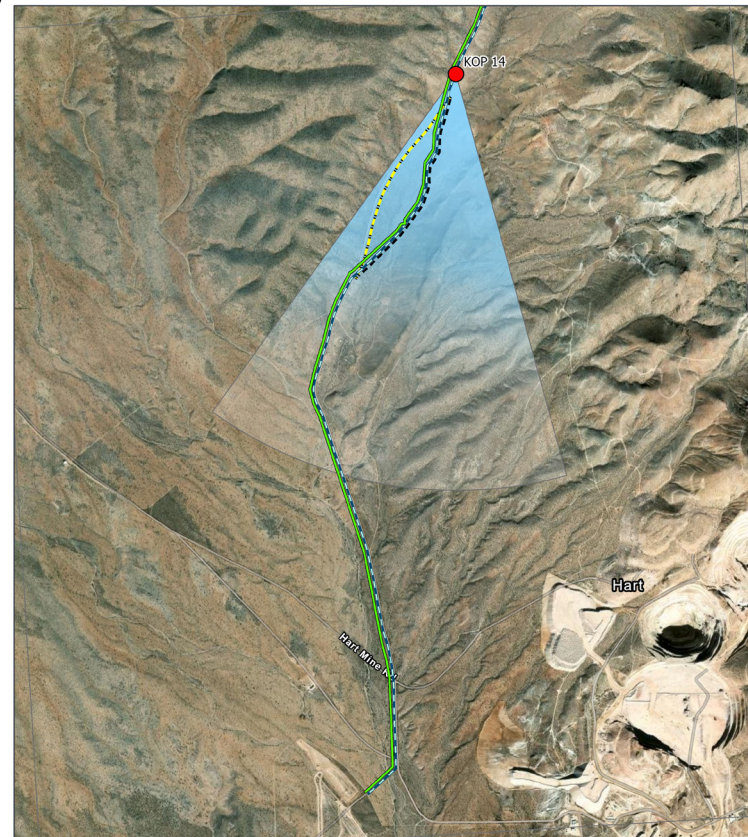
Wind: **6 mph**

Cloud Cover: **0 %**

Temperature (°F): **48°F**

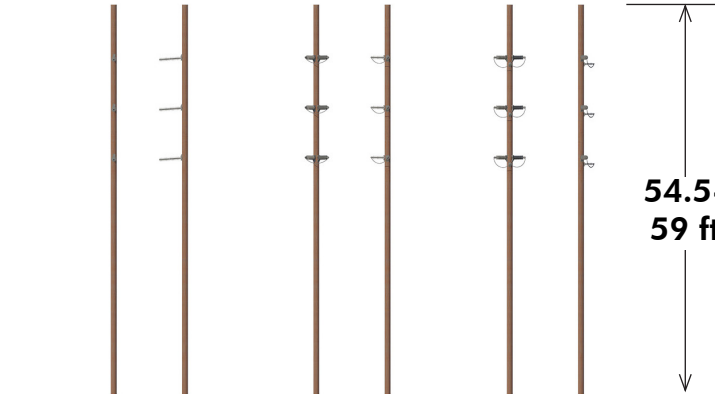
Simulation was prepared using information provided by client, "NPS Reroute 2026 01 12.dwg", "CMM ROW - PWL Pull Site_StrLocs.kmz", and "ROWS SHP Files_final.kmz" Locations, colors, and heights may vary based on final engineering and design.

Castle Mountain Mine Phase II Expansion

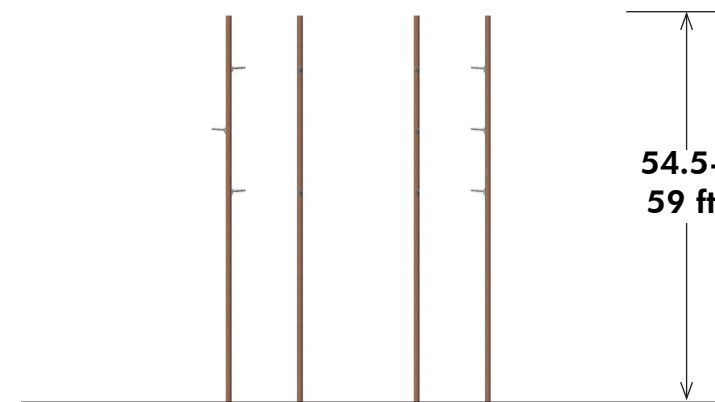


KOP Location and Visible Elements

TS-4G TS-5G TS-5GA



TP-69G TP-69GB



Structure Diagram

KOP 14 - Castle Mountain Mine Road (Re-Alignment Area)

Base Photographic Documentation

Latitude, Longitude (degrees): **35.31191, -115.11535**

Viewpoint Elevation (feet): **4,545**

Camera Height (meters): **1.8**

Camera Heading (degrees): **190**

Camera Make & Model: **Canon EOS 5D Mark IV**

Camera Sensor Size (mm): **36 x 24 Full Frame**

Lens Make & Model: **AF-P Nikkor**

Lens Focal Length (mm): **50**

Image Size (pixels): **6720 x 4480**

Approximate Distance to Nearest Transmission Structure in Simulation: **300 feet**

Viewing Instructions: Printed at 100% the resulting simulation is 16 inches wide by 10 inches high. At this size and focal length, the simulation should be viewed at arms length (24 inches). If viewed on a computer monitor, scale should be 100%.



Extent of Single Frame Simulation



KOP 14: View from Castle Mountain Mine Road looking southwest - Existing Condition



KOP 14: View from Castle Mountain Mine Road looking southwest - Simulated Condition