

4 Visibility Analysis of Augusta Resources Planned Mines

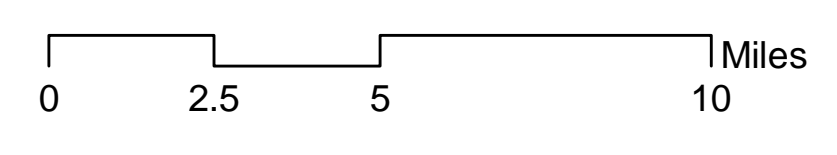
Date
January 13, 2010

Prepared for: Coalition to Stop Mining the Santa Ritas

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Legend

- Composite of Areas Visible from Proposed Rosemont Mine and Planned Copper World, Peach-Elgin, and Broad Top Butte Mines
- Saguaro National Park
- BLM Land
- Forest Service Land



Software: ArcGIS 9.3; Tool: Spatial Analyst, Viewshed Analysis

Data Sources: Topographic data: USDA Natural Resource Conservation Services, Digital elevation model (30 meter grid); Road system: ESRI World Street Maps; Photo base: ESRI World Imagery; Project data: Peach-Elgin, Copper World, Broad Top Butte, Augusta Resources website (found under Frequently Asked Questions (<http://www.augustaresources.com/section.asp?ppageid=8264>)); scaled and entered into topographic data base maps via latitude and longitude data; Proposed Rosemont Copper Project: excerpted from Mine Plan of Operation; scaled and entered into topographic data base maps via latitude and longitude data.

View Distance: Foreground, Middleground, and Background Views per US Forest Service Visual Management System; view distance is a principal indicator of scenic importance based on the distance an area can be seen by observers, and the degree of visible detail within that zone.

Foreground: From 0 feet to 1/2 mile. A distance zone where the individual details of specific objects are important and easily distinguished. Details are most significant within the immediate foreground, 0 - 300 feet.

Middleground: From 1/2 mile to 4 miles. The zone where most object characteristics are distinguishable, but their details are weak and they tend to merge into larger patterns. When landscapes are viewed in this zone they are seen in broader context. Human alteration may contrast strongly with the larger patterns and make some middleground landscapes more sensitive than the foreground.

Background: From 4 miles to the horizon. The distant landscape, where specific features are not normally discernible unless they are especially large, standing alone, or have a substantial color contrast. Details are generally not visible and colors are lighter.