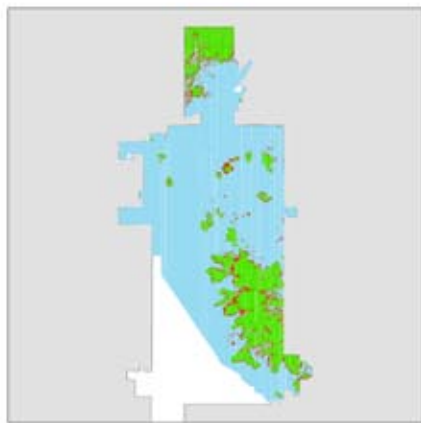
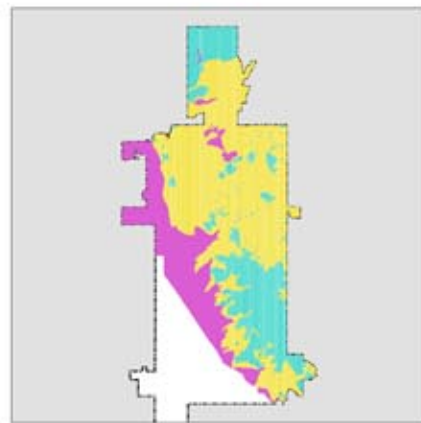


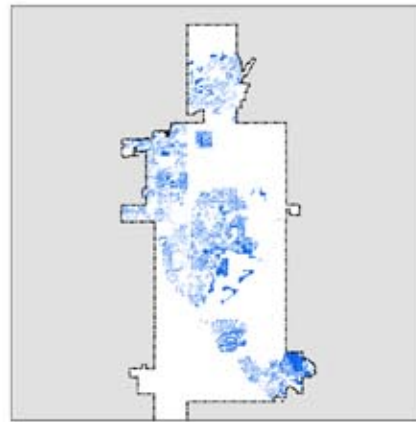
High Priority NAOS -- Process Map



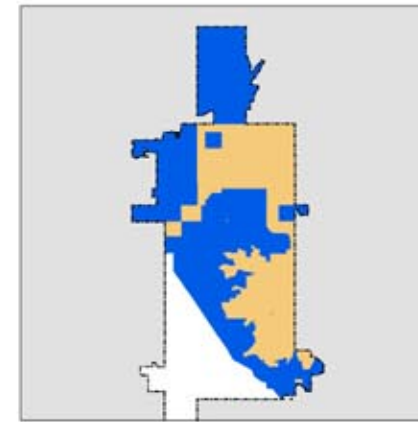
Slopes



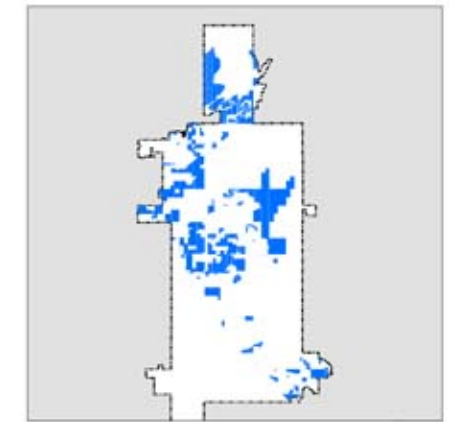
ESLO Zones



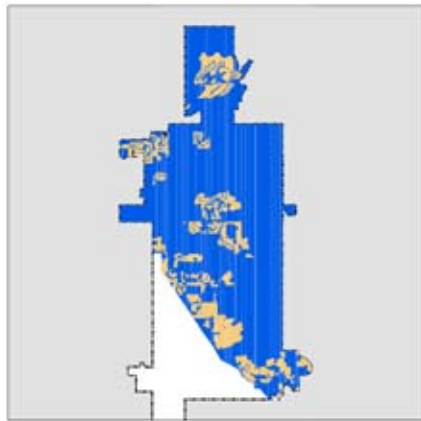
NAOS



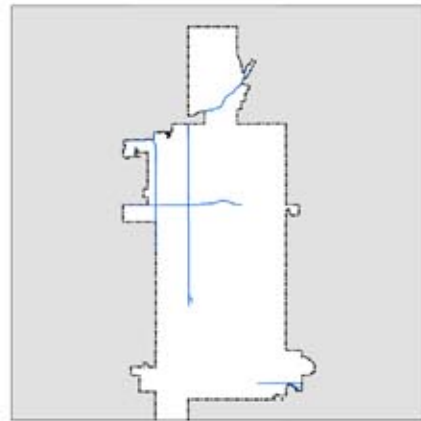
Preserve or API



Low Density Subdivisions



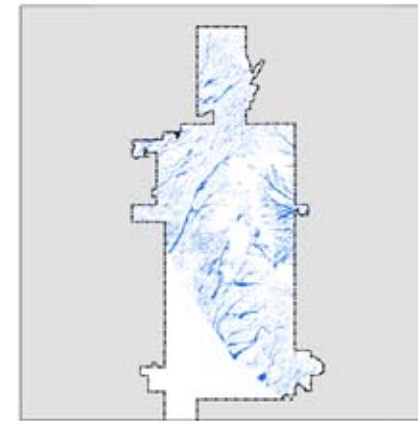
Small Lot Subdivisions



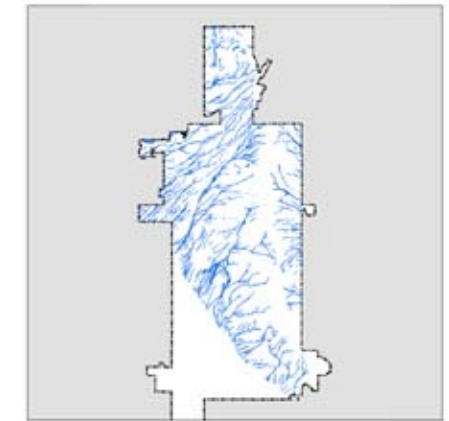
Scenic Corridors



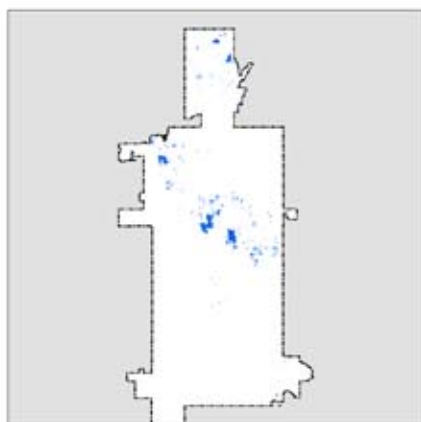
Drainage Easements



50 CFS Washes



Riparian Zones



Boulders

For this suitability analysis the polygons of each data layer are assigned weights according to the parameters of the layer. Weights are either additive or multiplicative. The layers are successively unioned, until a final layer is created. Each polygon in the final layer contains a calculated value indicating its suitability.

The calculation:

$$(NAOS + ESLO + Slope + Low Density Subdiv + Scenic Corridor + Boulder + Riparian + Drainage Easement + 50 CFS Wash) * (Preserve or API * Small Lot Subdiv)$$

Additive Layers

Slopes	ESLO	NAOS	Drainage Easements
0 (< 15%)	0 - Lower	3 - NAOS	1 - Drainage Easement
1 (> 15%, < 25%)	1 - Upper	Scenic Corridors	Low Density Subdivs
2 (>= 25%)	3 - Hillside	2 - Scenic Corridor	0.5 - Low Density Subdiv
Riparian	Boulders	50 CFS Washes	
1 - Riparian	1 - Boulders	2 - 50 CFS Wash	

Multiplicative Layers

Preserve or API	Small Lot Subdivs
0 - Preserve or API	0 - Small Lot Subdiv
1 - Not Preserve or API	1 - Not Small Lot Subdiv

Map Produced By
City of Scottsdale
Geographic Information Systems

