



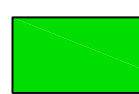






RANGELAND CONDITION WITHIN ALTAR VALLEY

Rangeland Condition was based on the evaluation of rangeland health. Rangeland health is the degree to which the integrity of the soil, vegetation, water, and air, as well as the ecological processes of the rangeland ecosystem are balanced and sustained. Seventeen ecological indicators of rangeland health were used to evaluate three attributes: soil/site integrity, biotic integrity, and watershed function.

LEGEND

-  Grazing Allotment Boundary
-  Study Area Boundary

RANGELAND CONDITION

	Soil/Site Stability	Biotic Integrity	Watershed Function
	Stable	Intact	Functioning
	Stable	At Risk	Functioning
	At Risk	Intact	Functioning
	At Risk	At Risk	Functioning
	Stable	At Risk	At Risk
	At Risk	Intact	At Risk
	At Risk	At Risk	At Risk

Soil and Site Stability is based on soil movement.

- A stable site has little or no movement.
- A site that is at risk has had some physical impact or vegetative cover removal that allows some soil erosion.
- A site that is not stable has active rill, sheet or gully erosion occurring.

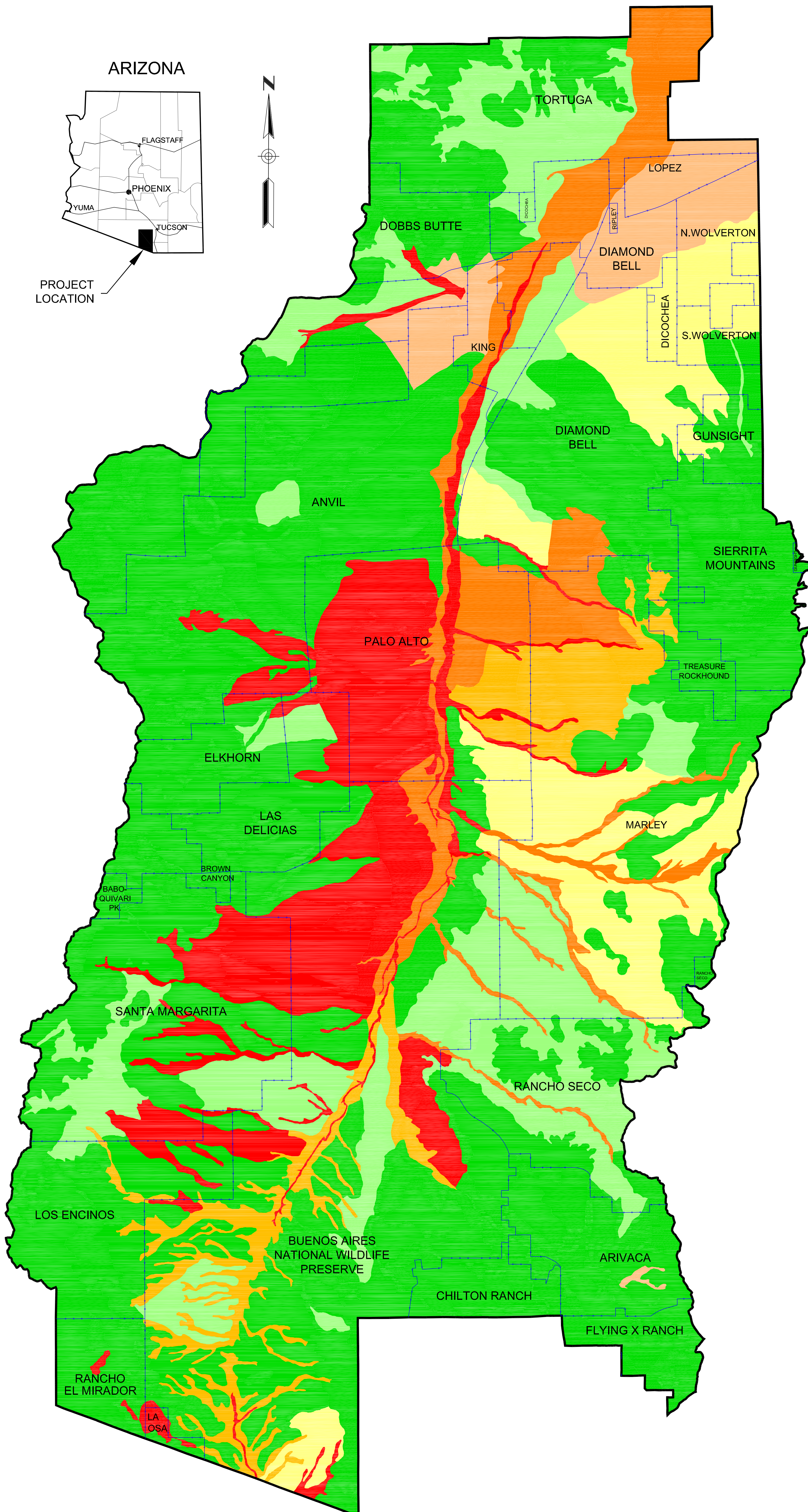
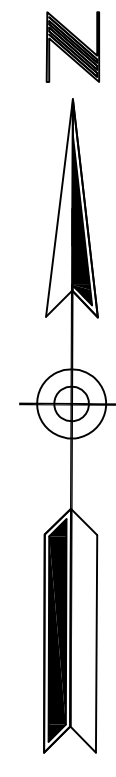
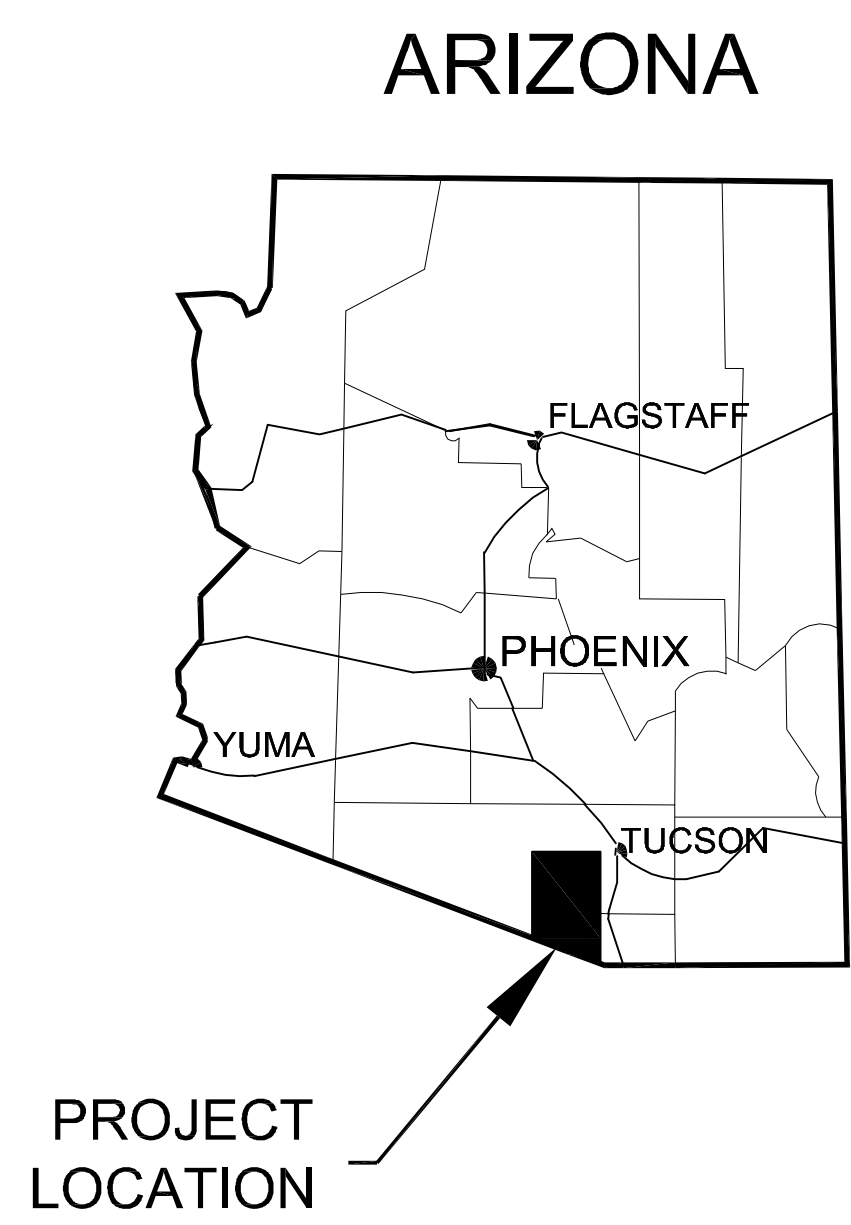
Biotic integrity is a measure of the vegetative health of a site.

- When the vegetative components of a site are intact, the site is healthy.
- When some of the vegetative components are missing or altered, the site is considered to be at risk.
- When major components of the plant community are missing, the site is not intact.

Watershed function is based on plant-water and soil-water relationships.

- When little or no water leaves the site, the watershed is functional.
- When some soil erosion is occurring, and some water leaves the site, the site is at risk.
- When active erosion is occurring with little infiltration, the watershed is not intact.

0 1 2 3 4 5 Miles



Altar Valley
Conservation Alliance

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