IDW DEM and Hillshade of Lake Tahoe Area

0 1,000 2,000 3,000 4,000 Meters

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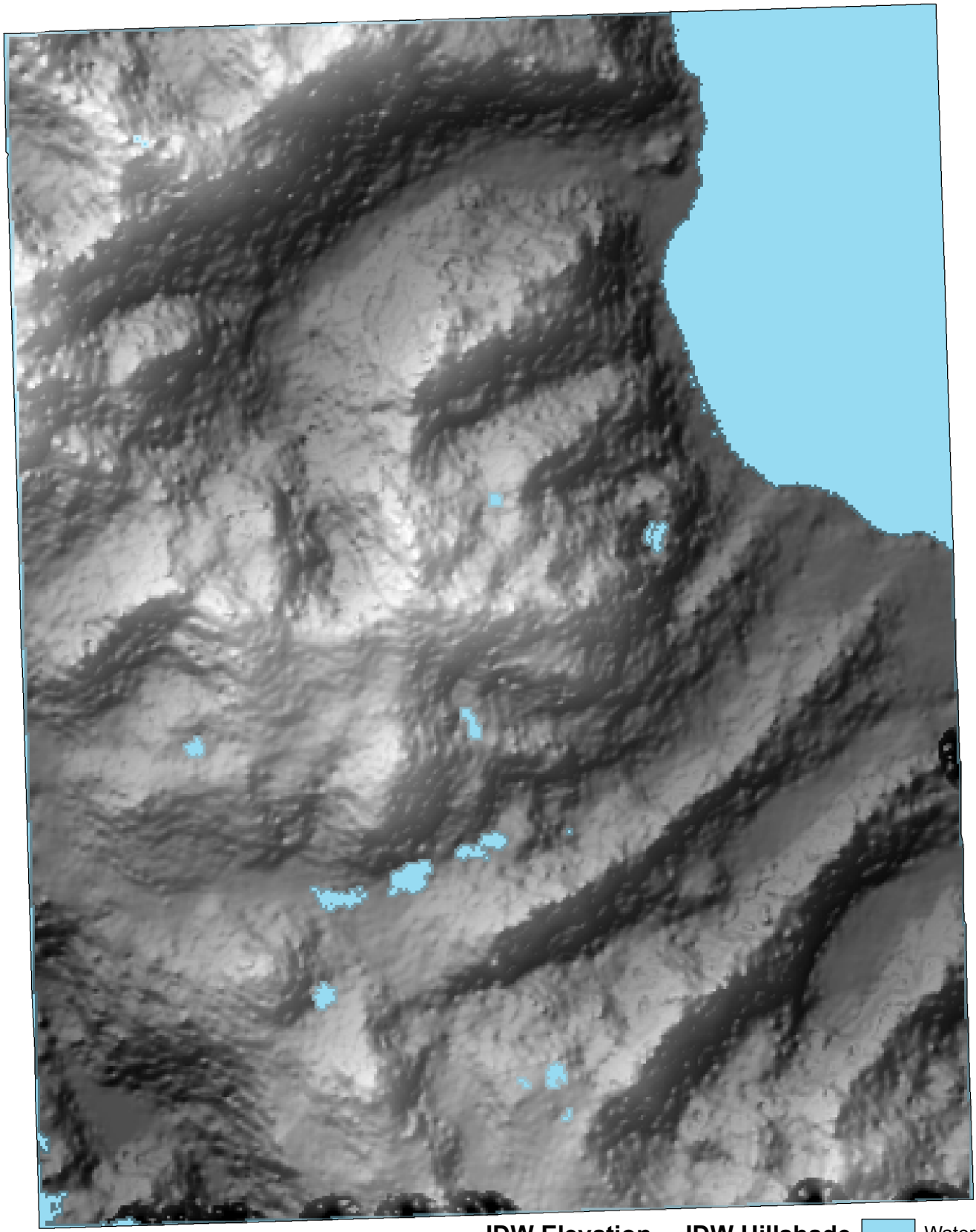


In my opinion, the IDW was visually the best DEM choice because it shows texture in the elevation (resembling trees) without looking unrealistically rocky and bumpy. Kriging is the surface that is most complex, showing a rippling and smoother surface. Natural Elevation is the simpliest-looking version, having more sharp angles, flat slope surfaces and most resembling the triangular looking TIN. The Spline is a more rocky looking version of the Natural Elevation, but looks similar.

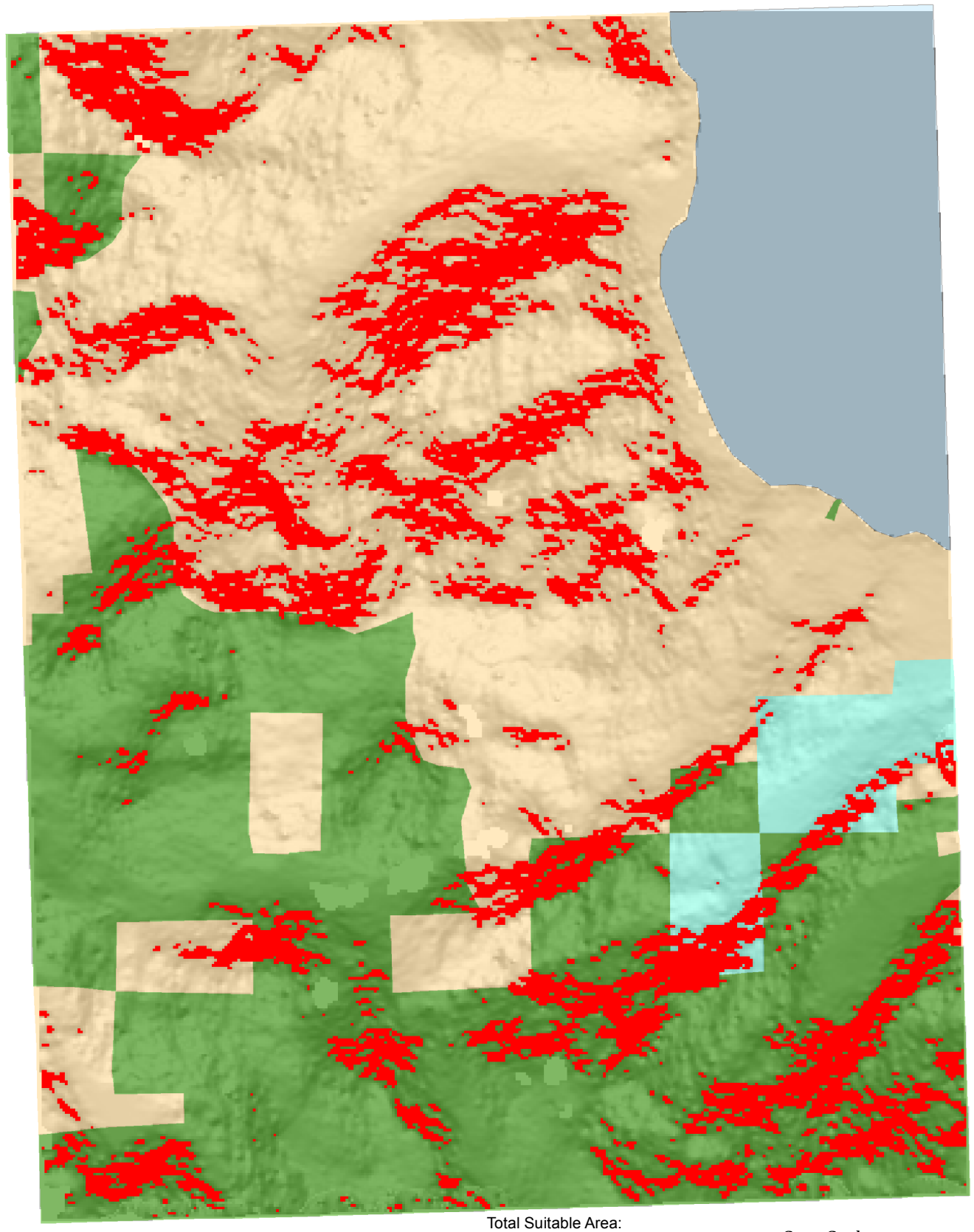
IDW Elevation
Value
High : 8668.94
Low : 43.5479

IDW Hillshade
Value
High : 254
Low : 0

Water

N

Potential Ski Resort Locations in the Lake Tahoe Area and Land Ownership



0 1,000 2,000 3,000 4,000 Meters

Total Suitable Area:

U.S. Forest Service - 8,314,200 Sq. Meters
Private Land - 13,373,100 Sq. Meters
State of California - 837,000 Sq. Meters

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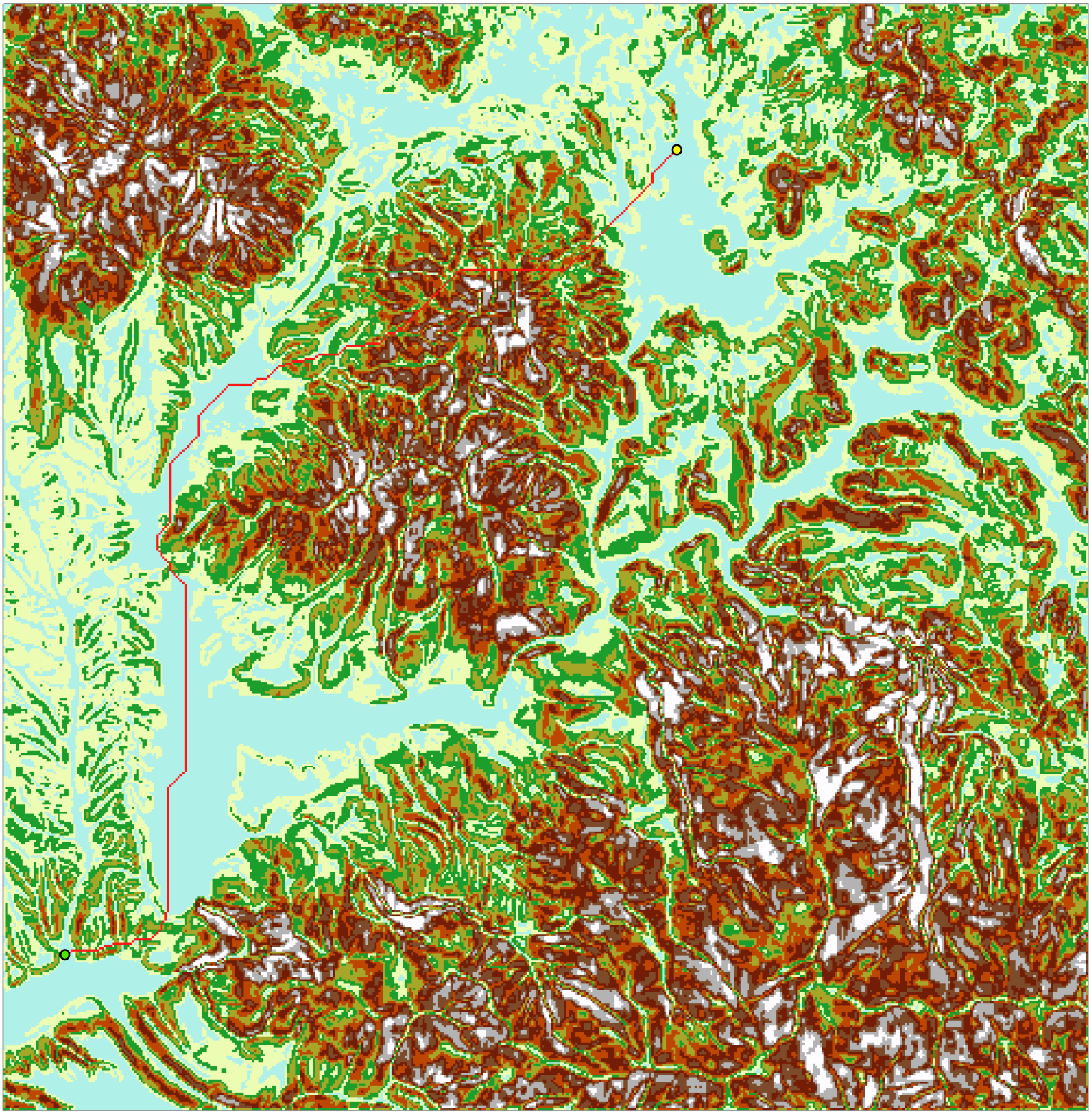
N

Least Cost-Path From Otay Valley Power to Jamul Substation



Jamul Substation

Otay Valley Power

Least Cost-Path Route

The best route from Otay Valley Power to the Jamul Substation mainly follows areas that are flat and low elevation when it can. However, towards the end of the path, the least cost-path does travel through higher elevations, and does so in a place where the land type is better suitable than in other high-slope places. The result is a route that minimizes cost the best.

N

0 5,000 10,000 15,000 20,000 Feet

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