

Five Views of the Gray Knoll from Primary and other Bergblicks

Bergblick Residency, Iron County UT, July 26th-30th, 2K3

<http://www.paintersflat.net/bergblick.html>

In "Five Views of the Gray Knoll from Primary and other Bergblicks", (2003) Paula Poole and Brett Stalbaum started with the UTM coordinates of a piece of land called "Bergblick" in Iron County, Utah. Using software authored by Brett as part of his collaboration with C5 (www.c5corp.com), they identified a group of other locations in the Escalante Valley with similar topographic characteristics to Bergblick, and visited the locations to evaluate their qualities as potential sites (or views) from which to implement landscape paintings. Surprisingly, all of the locations with topographic characteristics most similar to the input "Bergblick" site converged around a small hill called the Gray Knoll. Paula painted the Gray Knoll from the perspective of the original input (or "Bergblick") site, as well as from four of the "Other Bergblick" sites that were chosen by the software. In this project, it was the data that chose the Gray Knoll as a subject for painting, as well as choosing the perspectives from which it was painted.

Bios:
 Paula Poole
 BFA CCA 1991 and MFA from SJSU (department of art and design), 1998.
 Secondary education teaching credential, single subject: art 2001 SJSU.
 Poole is an artist interested in hybrid forms of art. She is a painter trained in a traditional manner, concerned with adapting this tradition to new and emerging forms of art. She has centered her focus on the landscape of the Great Basin desert of North America.

Brett Stalbaum
 BA SFSU 1991, MFA ,SJSU (department of art and design), 1999
 Stalbaum is a C5 research theorist specializing in information theory, database, and software development. A serial collaborator, he was a co-founder of the Electronic Disturbance Theater, and collaborates with Paula Poole on land/walking/GPS/locative/performance/pictorial works. He is a full time member of the faculty in the department of visual arts, University of California San Diego.

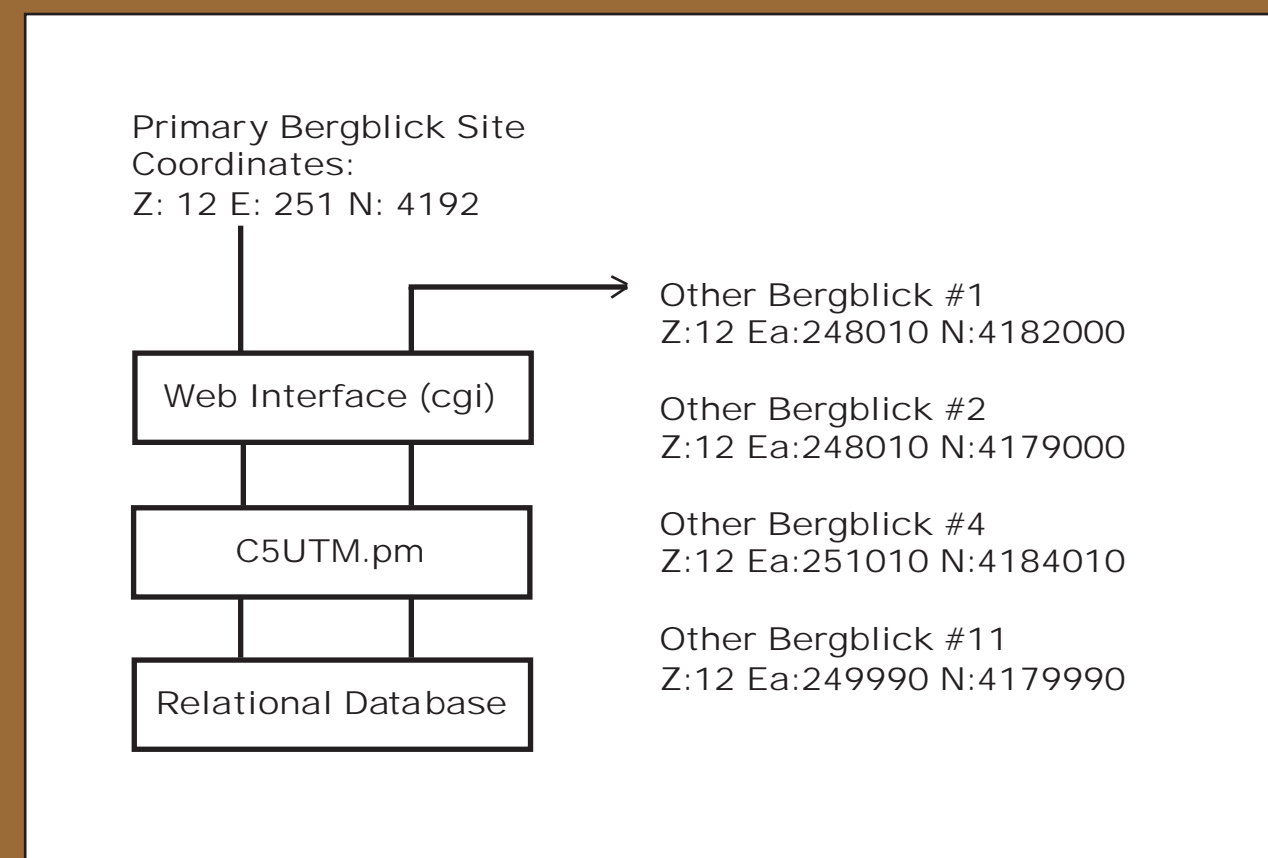
For more info:
<http://www.paintersflat.net>

Input:

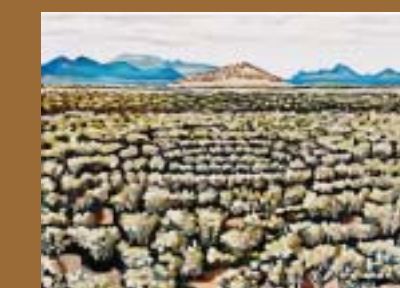


In the "Primary Bergblick" painting (Z: 12 E: 251 N: 4192), the Gray Knoll was painted from the perspective of the Bergblick campsite. The Gray Knoll is distant and barely visible from this location. However, the sites of topographical similarity to the Primary Bergblick all converged near the Gray Knoll, falling in a fairly tight configuration surrounding the Gray Knoll. This is in spite of the fact that the entire, large Escalante Valley was searched. We are not sure what the meaning of this is, but the unexpected outcome became the conceptual basis for painting the Gray Knoll. The data seemed to demand it.

Processing:



Output:



Other Bergblick #1
 Z:12 Ea:248010 N:4182000



Other Bergblick #2
 Z:12 Ea:248010 N:4179000



Other Bergblick #4
 Z:12 Ea:251010 N:4184010



Other Bergblick #11
 Z:12 Ea:249990 N:4179990

Primary and Other Remote Locations

Box Elder County UT, Aug 12th-15th, 2K5

<http://www.paintersflat.net/otherremotelocation.html>

For "Primary and Other Remote Locations" (2005, Aug 12th-15th, 2K5, Box Elder County Utah, USA) the Southeast corner of The Center for Land Use Interpretation's Remote Location property on Lemay Island was used as an input point.

Utilizing the C5 Landscape Database API 2.0a (Brett Stalbaum), a database containing topographic data for the surrounding area (including Lemay Island, Floating Island and the Silver Island mountain range which includes Crater Island) was searched, seeking points with similar topographical characteristics.

The database search isolated five topographical others of the CLUI Remote Location; or as we call them, the "Other Remote Locations". It is important to note that the algorithm seeks the most similar topography, not the most similar viewshed. The most interesting azimuth defining a view was chosen by Paula Poole from the perspective of the location selected by the software. For an understanding of what the algorithm produces, note that each site is a few hundred meters from the "shoreline", as is the CLUI remote location SE corner. If we had run the algorithm against a point representing a hill top, all of the most similar hilltops would have been discovered. The "Other Remote Locations" were visited with the help of GPS, four wheel drive, a 23 kilometer hike (8/13/2K5) and a 9 kilometer hike (8/15/2K5).

For more info:

<http://www.paintersflat.net>

Text output from FindSimilar.java
(center points of images
at right)

```
Input point (Remote Location SE corner):  
zone = 12  
eastng = 261180  
northing = 4558380  
elevation = 4252  
...  
low = 4249  
high = 4508  
mean = 4268  
median = 4255  
stdev = 31.1668  
elevation_percentile = 1  
contiguous_modality_percentage = 34  
...
```

```
Other Remote Location 1:  
zone = 12  
eastng = 264630  
northing = 4551570  
elevation = 4252  
...  
low = 4249  
high = 4409  
mean = 4268  
median = 4252  
stdev = 31.4187  
elevation_percentile = 1  
contiguous_modality_percentage = 34  
...
```

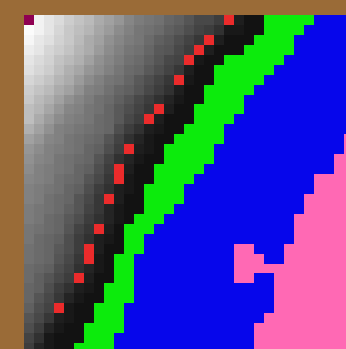
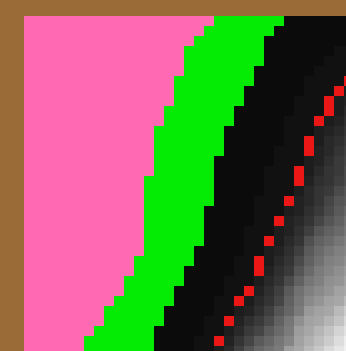
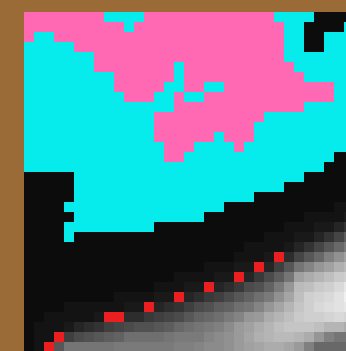
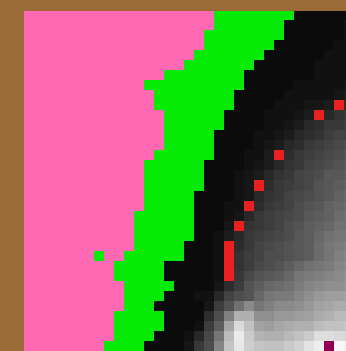
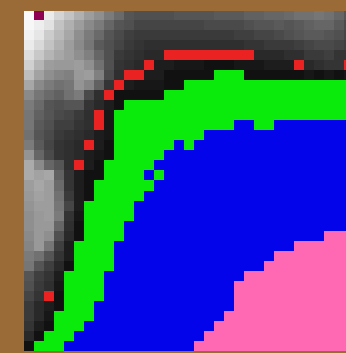
```
Other Remote Location 2:  
zone = 12  
eastng = 268440  
northing = 4557330  
elevation = 4242  
...  
low = 4239  
high = 4423  
mean = 4255  
median = 4242  
stdev = 31.2397  
elevation_percentile = 1  
contiguous_modality_percentage = 34  
...
```

```
Other Remote Location 3:  
zone = 12  
eastng = 265500  
northing = 4553130  
elevation = 4252  
...  
low = 4249  
high = 4511  
mean = 4264  
median = 4252  
stdev = 31.4037  
elevation_percentile = 1  
contiguous_modality_percentage = 34  
...
```

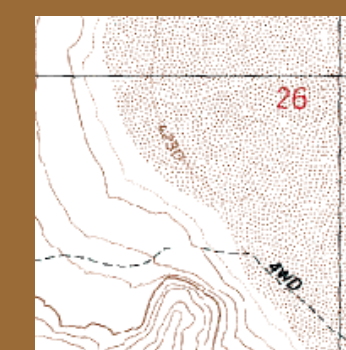
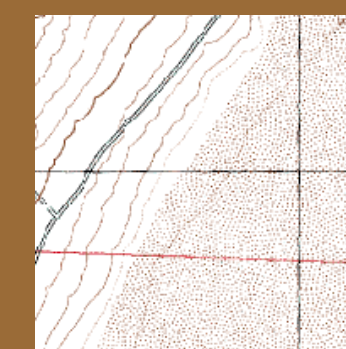
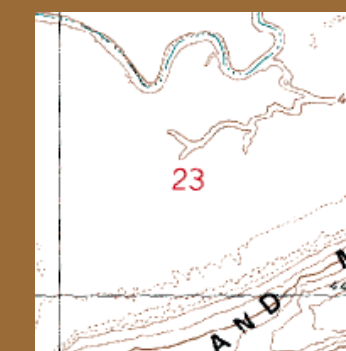
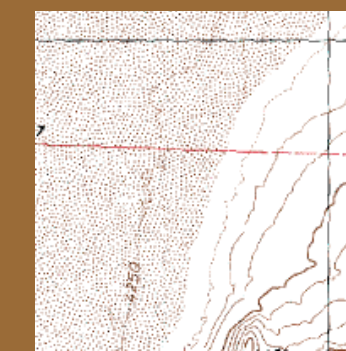
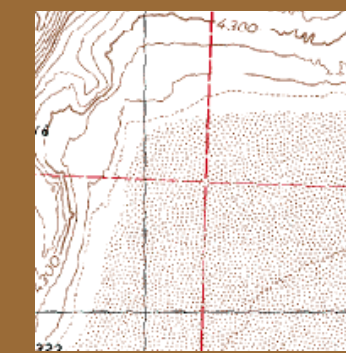
```
Other Remote Location 4:  
zone = 12  
eastng = 267720  
northing = 4546950  
elevation = 4229  
...  
low = 4226  
high = 4383  
mean = 4247  
median = 4230  
stdev = 31.3261  
elevation_percentile = 1  
contiguous_modality_percentage = 34  
...
```

```
Other Remote Location 5:  
zone = 12  
eastng = 267600  
northing = 4545660  
elevation = 4229  
...  
low = 4226  
high = 4386  
mean = 4245  
median = 4232  
stdev = 30.6915  
elevation_percentile = 1  
contiguous_modality_percentage = 34  
...
```

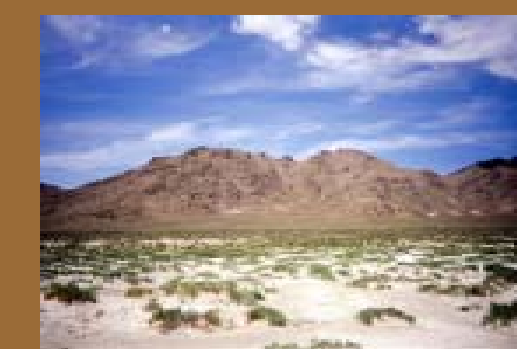
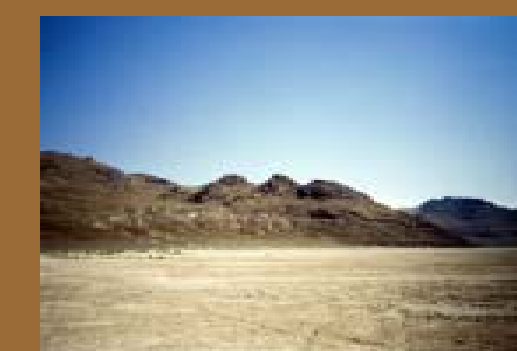
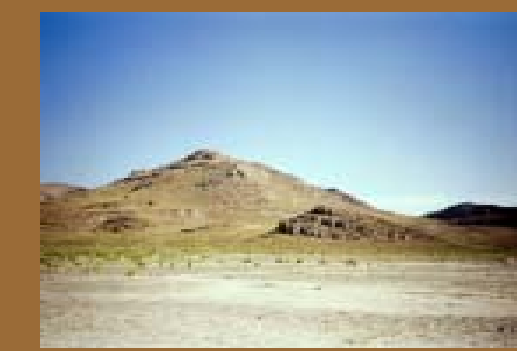
C5UTM Statistical Image
of the 1x1
Kilometer area



Topographic Image
(United States
Geological Survey)



Site Photograph of
of the Locations



Other Remote Location
paintings by Paula Poole

