

NSS CARTOGRAPHIC SALON JUDGING SHEET

Cave Name: QUEEN OF SHEBA CAVE Judge: KETH GOGGIN

Location: Nevada, USA Category: Experienced

Cartographer(s): BRANDON KOWALLIS Total Points: 82

Mandatory Requirements: (0 to 3 points each; 21 points maximum)

These elements are required for a map to be a useful and accurate documentation. A missing element results in a score of zero and the disqualification of the entry at the discretion of the judges..

- 3 Cave Name(s) • Is the name or section of the cave clearly marked? Deduct points for abbreviations.
- 3 Obvious entrance or connection to the remainder of the cave • Can these be found immediately?
- 2 North Arrow • This references the map to north. True north is preferred. Mag N must have date. ①
- 3 Bar Scale • This shows the scale of the map graphically. A text-only scale scores only 1 point.
- 0.5 Vertical Control • Is the depth indicated numerically or graphically? Is the datum shown?
- 2.5 Survey Date(s) • This is the date or range of the survey. The date of the cartography is optional.
- 3 Cartographer(s) or Survey Group • This clearly indicates who did the map and the survey.

subtotal: 17

Quality Factors: (0 to 10 points each; 60 points maximum)

These elements improve the visual quality and increase the usefulness of the map.

- 6.5 Balance and Layout • How well do the map elements fit together? Is there a border? Too crowded?
- 8 Drafting Quality • Are the lines clear & legible? Different line weights used for different features?
- 7.5 Detail • Good floor detail? Ceiling channels? Water? How do the passages end? Structure?
- 4.5 3-dimensionality • Are there adequate profiles and cross-sections? Do profiles match the plan? ③
- 6.5 Lettering Quality • Consistent? Different (and appropriate) fonts, font sizes, and letter weights? Typos?
- 7 Visual Impact • How does the map strike you as you first approach it? Is the visual hierarchy good?

subtotal: 40

Additional Factors:

These items help make a map easier to use and understand. Several items are optional, and many maps will score zeros in this section.

(0 to 3 points)

- 0 Site Details • Geographic location? Surface terrain? Insert maps? Geology shown? ②
- 3 Survey Info • Type of survey (e.g., compass and tape)? Length and depth of cave? Who helped?
- 3 Legend • Does the map reference a symbol set? Is a legend provided? Are there special symbols?
- 3 Borders • Present? (Borderless maps should not be considered for highest-level awards.)

(0 to 10 points)

- 5 Cartographic Challenge • How hard was it to create this map (the average is 5 points)
- 4 Innovations • New and unusual ways of representing things
- 7 Complex Representations • Is something complex clearly shown (mazes or underlying passages)?

subtotal: 25

Judges Comments: ① MAGNETIC NORTH DATE IS 12/32 ?? ② No lat/long or any other location info (Not even county!) Results in a map with very limited scientific utility. ③ There are enough X-sections, BUT the directional arrow is often confusing & they don't all match exactly the floor/ceiling detail.

NSS CARTOGRAPHIC SALON JUDGING SHEET

Cave Name: Queen of Sheba Cave Judge: Red Horvath
 Location: Nevada Category: Experienced
 Cartographer(s): Brandon Kowallis Total Points: 97

Mandatory Requirements: (0 to 3 points each; 21 points maximum)

These elements are required for a map to be a useful and accurate documentation. A missing element results in a score of zero and the disqualification of the entry at the discretion of the judges..

- 3 Cave Name(s) • Is the name or section of the cave clearly marked? Deduct points for abbreviations.
 - 3 Obvious entrance or connection to the remainder of the cave • Can these be found immediately?
 - 3 North Arrow • This references the map to north. True north is preferred. Mag N must have date.
 - 3 Bar Scale • This shows the scale of the map graphically. A text-only scale scores only 1 point.
 - 2 Vertical Control • Is the depth indicated numerically or graphically? Is the datum shown?
 - 3 Survey Date(s) • This is the date or range of the survey. The date of the cartography is optional.
 - 3 Cartographer(s) or Survey Group • This clearly indicates who did the map and the survey.
- subtotal:** 20

Quality Factors: (0 to 10 points each; 60 points maximum)

These elements improve the visual quality and increase the usefulness of the map.

- 7 Balance and Layout • How well do the map elements fit together? Is there a border? Too crowded?
 - 9 Drafting Quality • Are the lines clear & legible? Different line weights used for different features?
 - 9 Detail • Good floor detail? Ceiling channels? Water? How do the passages end? Structure?
 - 8 3-dimensionality • Are there adequate profiles and cross-sections? Do profiles match the plan?
 - 9 Lettering Quality • Consistent? Different (and appropriate) fonts, font sizes, and letter weights? Typos?
 - 7 Visual Impact • How does the map strike you as you first approach it? Is the visual hierarchy good?
- subtotal:** 49

Additional Factors:

These items help make a map easier to use and understand. Several items are optional, and many maps will score zeros in this section.

(0 to 3 points)

- 2 Site Details • Geographic location? Surface terrain? Insert maps? Geology shown?
- 3 Survey Info • Type of survey (e.g., compass and tape)? Length and depth of cave? Who helped?
- 3 Legend • Does the map reference a symbol set? Is a legend provided? Are there special symbols?
- 3 Borders • Present? (Borderless maps should not be considered for highest-level awards.)

(0 to 10 points)

- 6 Cartographic Challenge • How hard was it to create this map (the average is 5 points)
 - 5 Innovations • New and unusual ways of representing things
 - 6 Complex Representations • Is something complex clearly shown (mazes or underlying passages)?
- subtotal:** 28

Judges Comments:

Great Detail and profile view. Nice people for scale.
- some of the lettering is difficult to read.
- The connections between levels are hard to figure out in profile.
- Profile and plan detail don't match in some cases; formations
- difficult to tell which directions the cross sections are looking.
- difficult to figure out complex area of profile.
- what does the lead shown in the profile in the Neck & Rust Room do? Why is it not shown in plan?