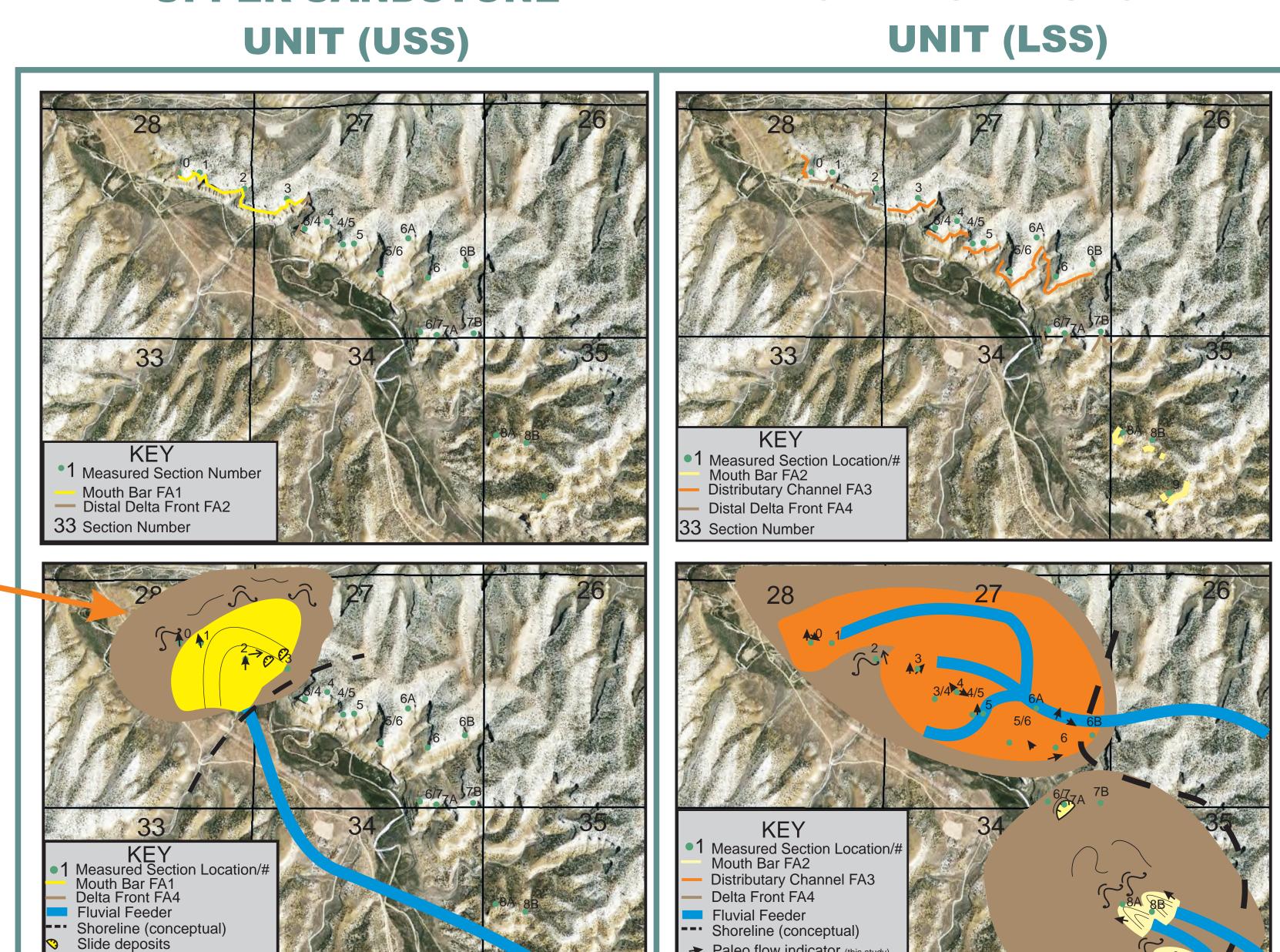


LOWER SANDSTONE **UPPER SANDSTONE** UNIT (LSS) **UNIT (USS)**



CROSS SECTION A-A' EVACUATION CREEK

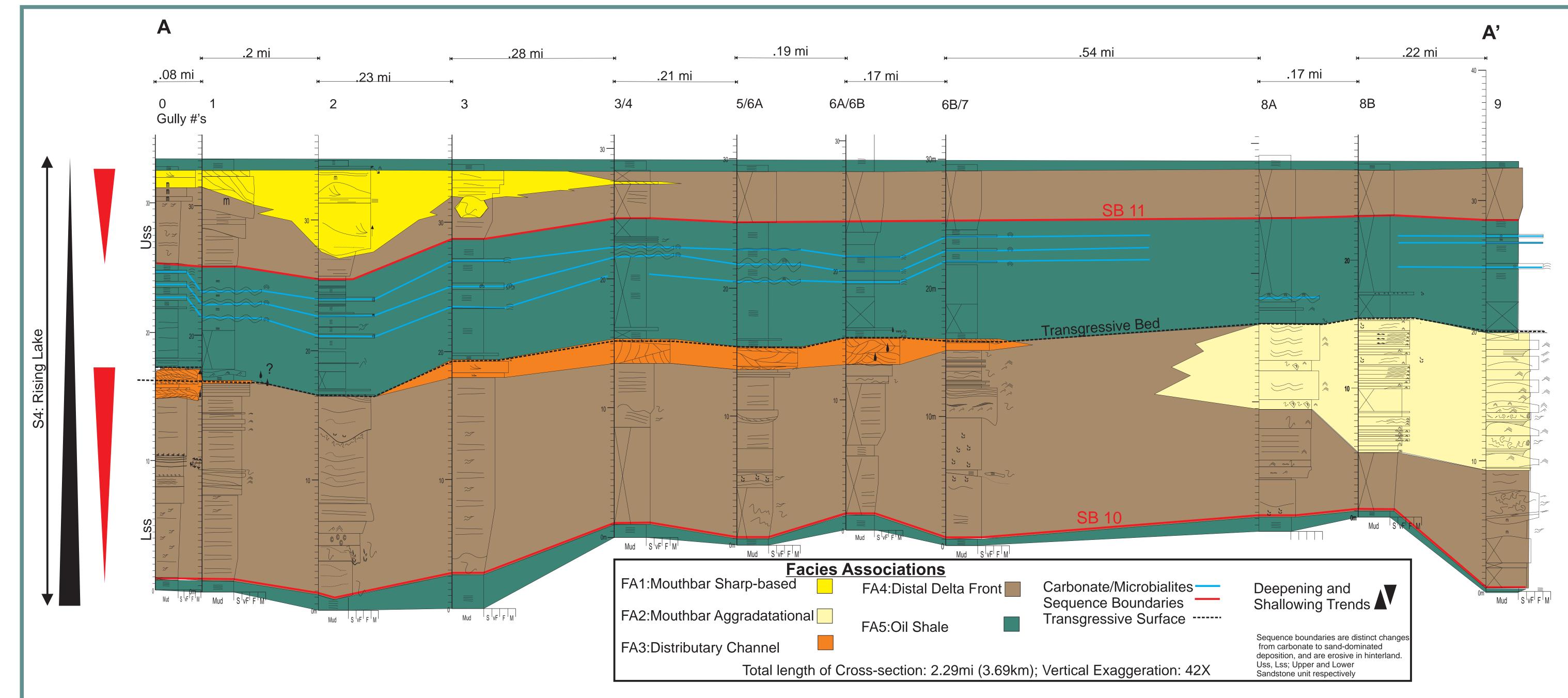
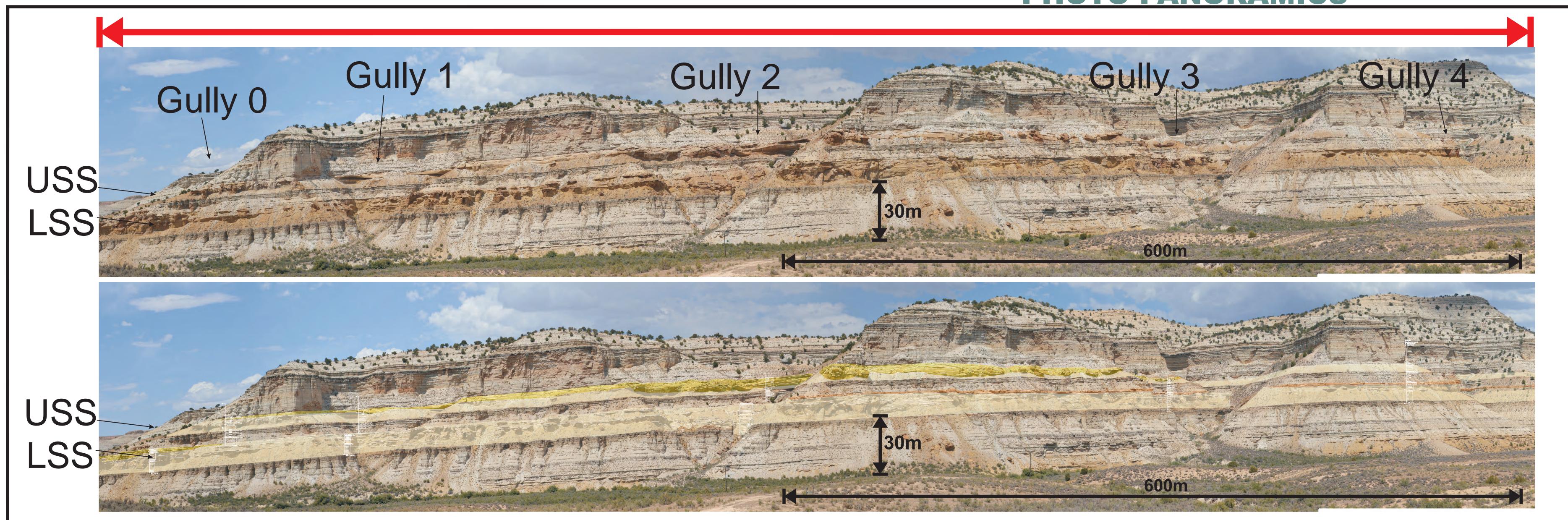
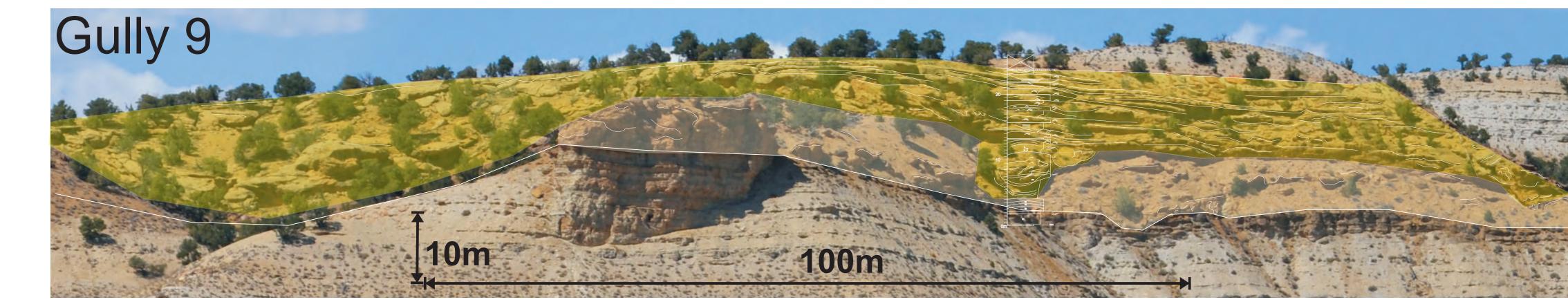


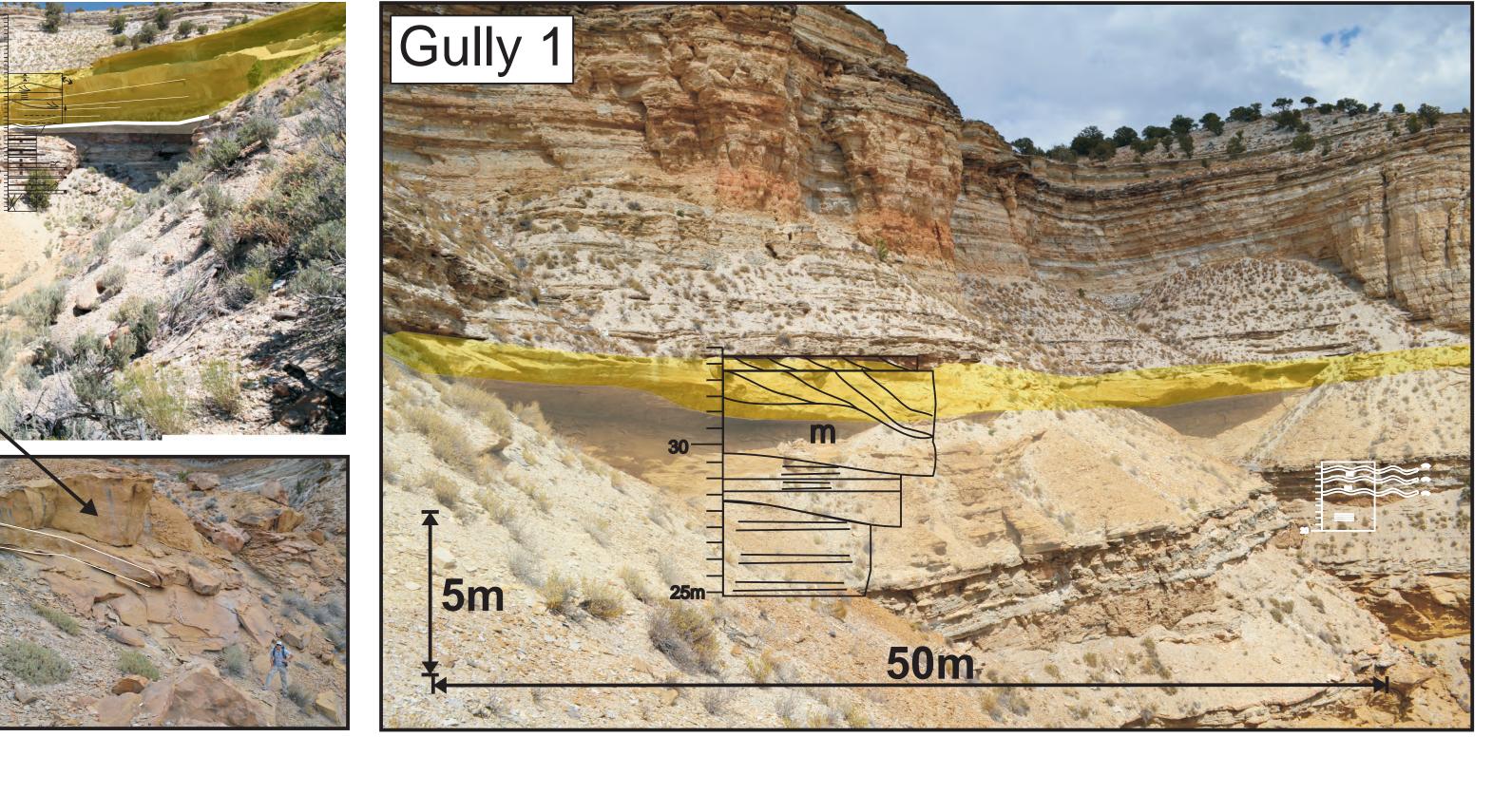
PHOTO PANORAMICS







Sharp-based Mouthbars FA1



Cinnamon Roll: Mouthbar slide into distal delta front FA4



CONCLUSIONS

- 1. Sandstone deposition in the study interval of Evacuation Creek is deltaic in nature.
- 2. Areas of greater sand input are related to deltaic input and mainly represent mouthbars-Sharp-based (FA1) or Aggradational (FA2).
- 3. Deltaic FA's 1-4 have significant lateral variability.
- 4. Sharp-based mouthbars (FA1) are vertically more homogeneous hydrocarbon reservoir analogues, display vertically blocky grain size distribution, versus aggradational mouthbars (FA2), which are more heterogeneous, and are comprised of multiple coarsening upward units.

Acknowledments:

ConocoPhillips, Devon, EOG, Newfield, Platte River, and Statoil.

Distal Delta Front FA4 Roadside Panorama 2 Gully 7

