

Sand Wash Fault Zone

Characteristics of the Sand Wash Fault Zone

- Displacement dies out above the Mahogany oil shale
- Complex internal structure composed of numerous smaller fault blocks
- Total displacement is only a few meters
- Fracturing continues below the basal detachment
- Width of fault zone is about 100 meters or less



Figure 5. Looking east from the Sand Wash road, graben parallels the road.



Figure 6. Looking northwest towards the Sand Wash BLM Ranger Station, graben is in the cliff above and to the left of the BLM station.



Figure 4. Looking northwest.



Air photos of the Sand Wash and Nine Mile Canyon area, tributaries to the Green River at the head of Desolation Canyon



Figure 3. Looking southeast across Nine Mile Canyon.



Figure 2. Looking southeast at the graben in Nine Mile Canyon (figure 3), behind it you can see the graben along the Green River (figure 1), and in the hills in the background.

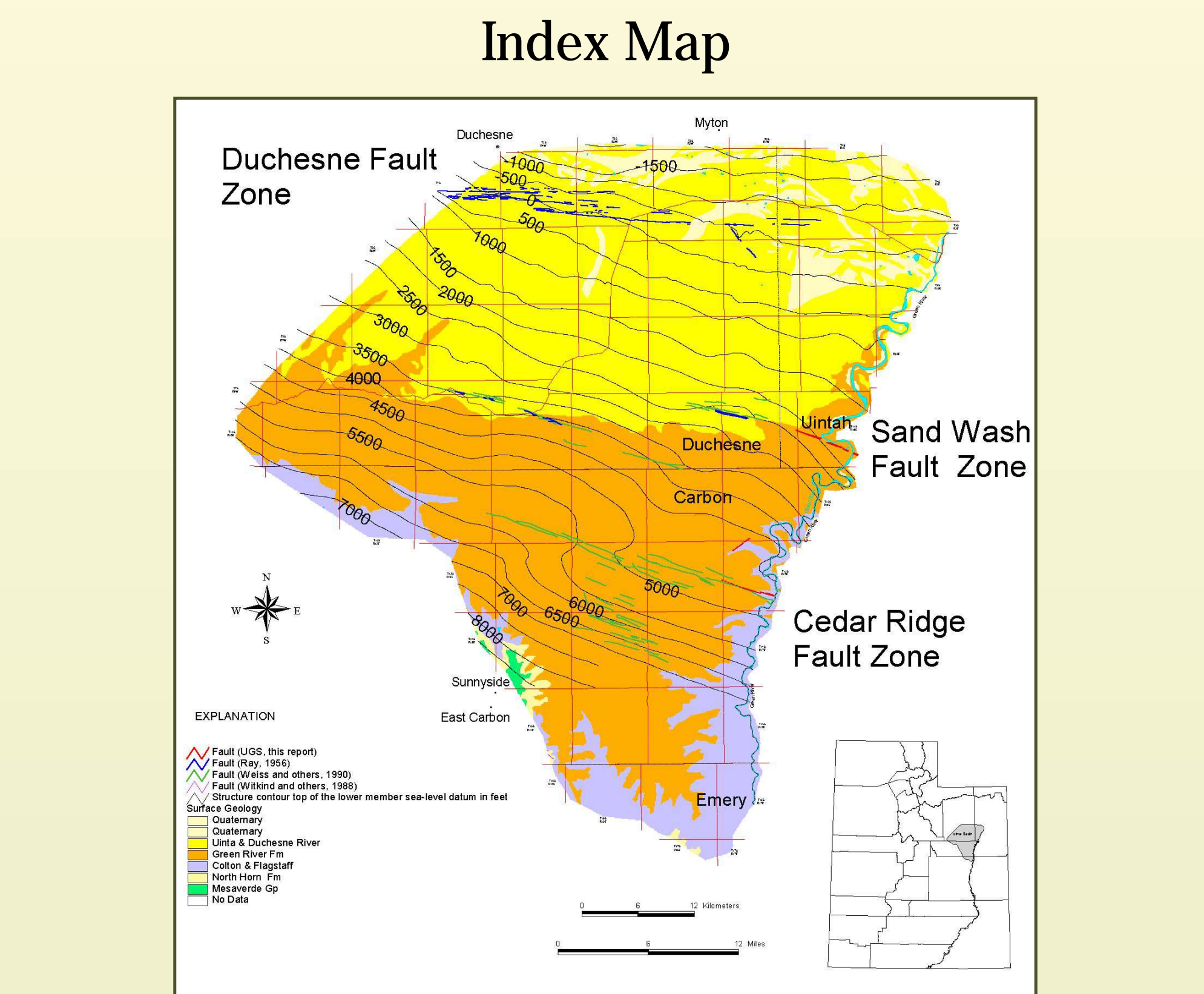


Figure 1. View from the Green River looking east.