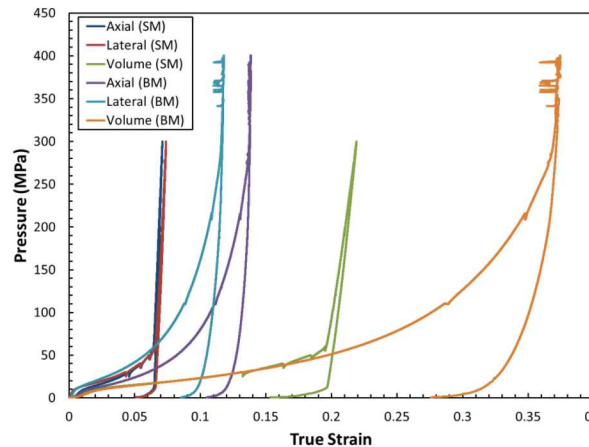
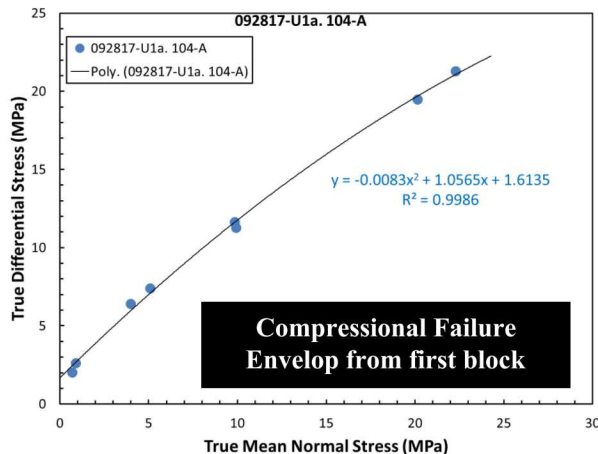




Yucca flat alluvium testing

- Sandia’s Geomechanics laboratory is conducting material property tests from two blocks from U1a to provide informed alluvium hydrocode models.
- The U1a material is serving as a surrogate to U2ez site (SPE DAG). We have developed a test matrix to determine failure envelop, hydrostatic compaction (pore crush), elastic properties, porosity, and moisture content of each block.
- Testing (including failure envelop) from first block is complete. Testing is in progress on second block.



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Pore crush of blocks SM and BM

Poster 14a

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