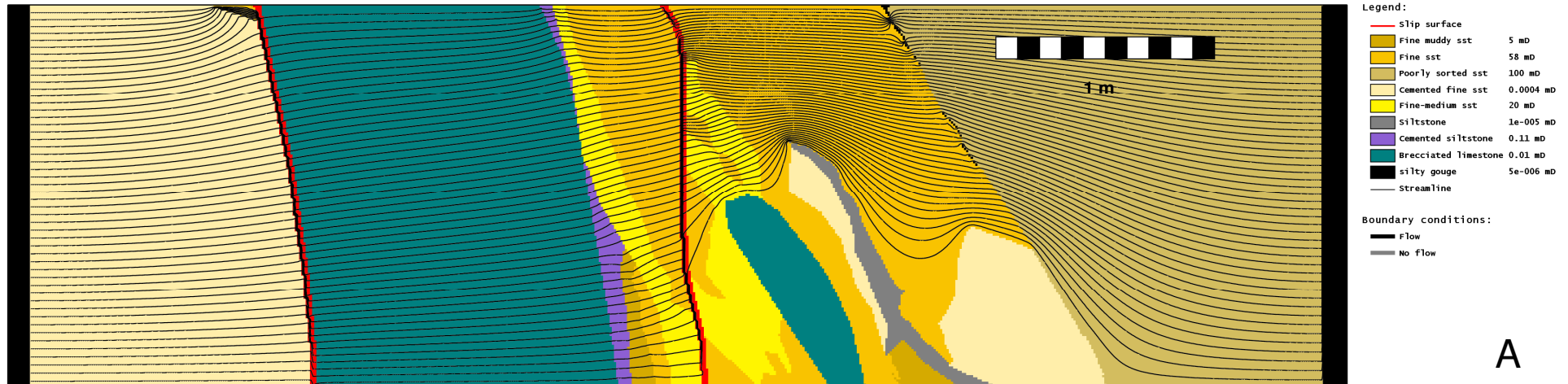
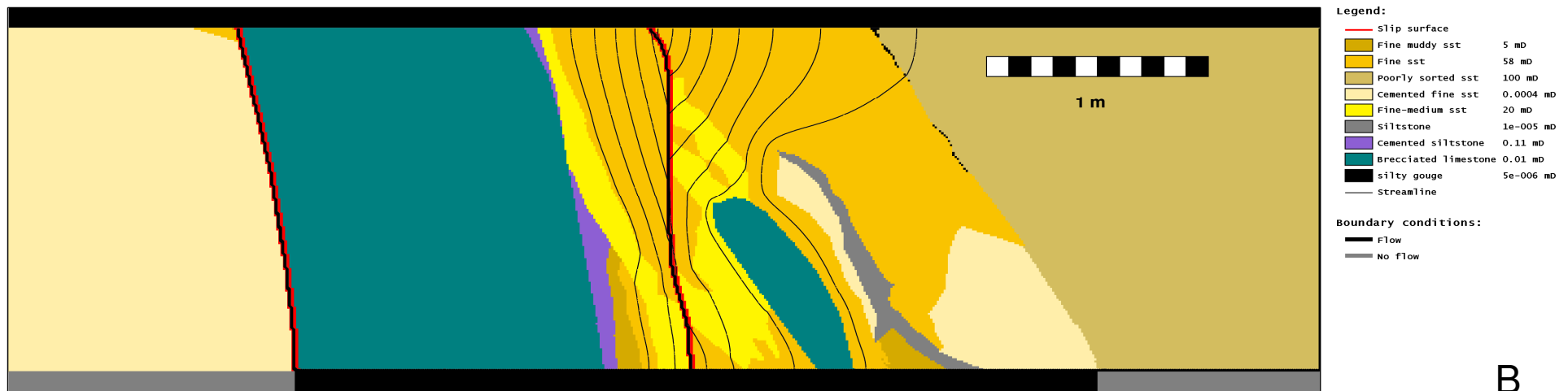


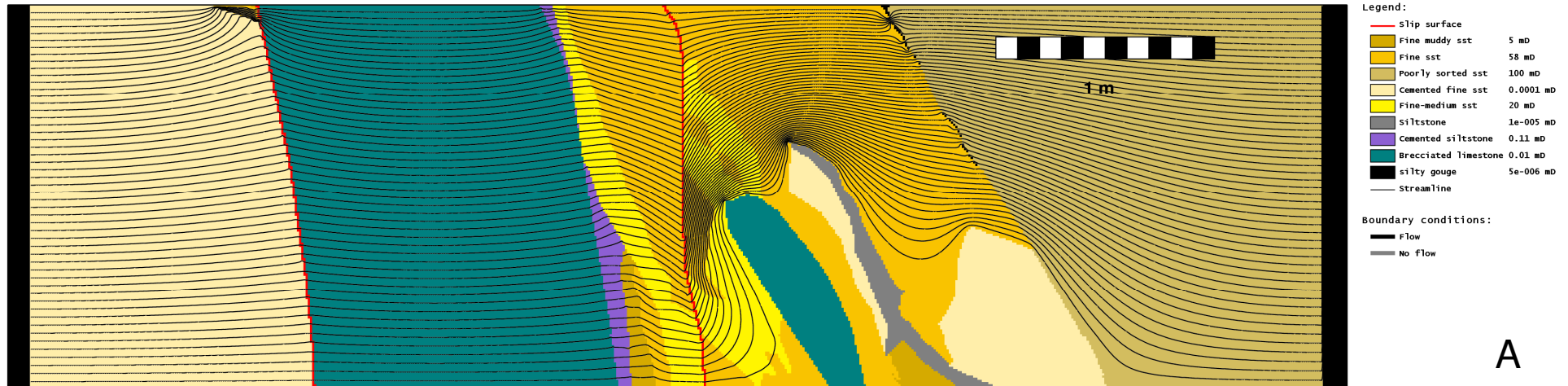
## Arches Entrance 1. High permeability slip surfaces, across-fault flow



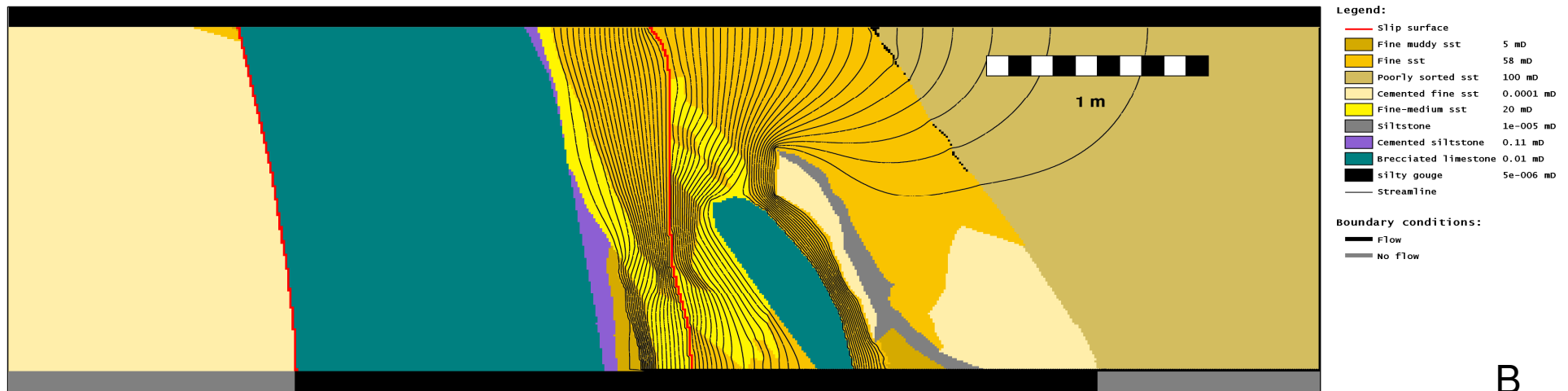
## Arches Entrance 2. High permeability slip surfaces, along-fault flow



### Arches Entrance 3. Low permeability slip surfaces, across-fault flow

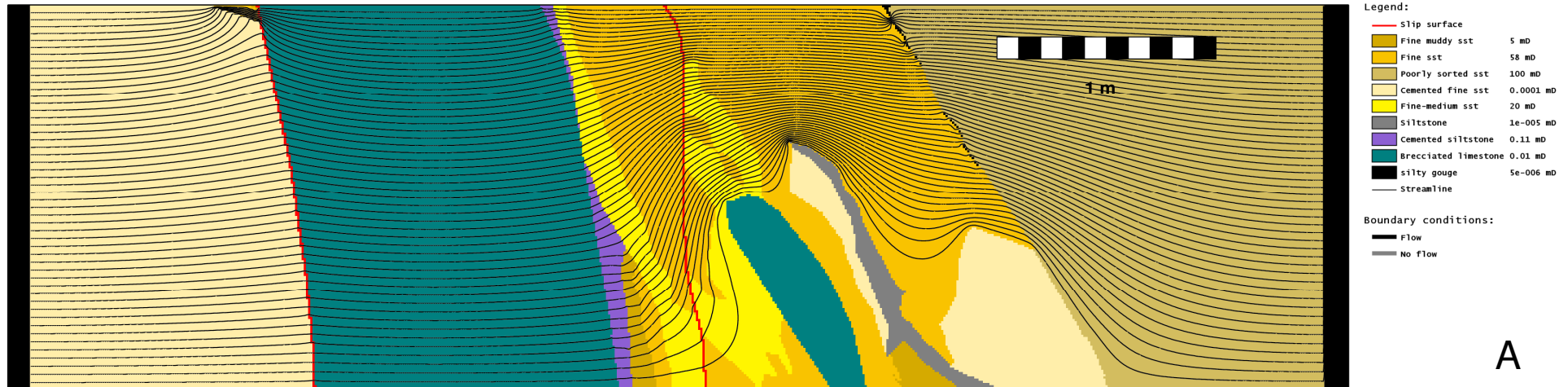


### Arches Entrance 4. Low permeability slip surfaces, along-fault flow

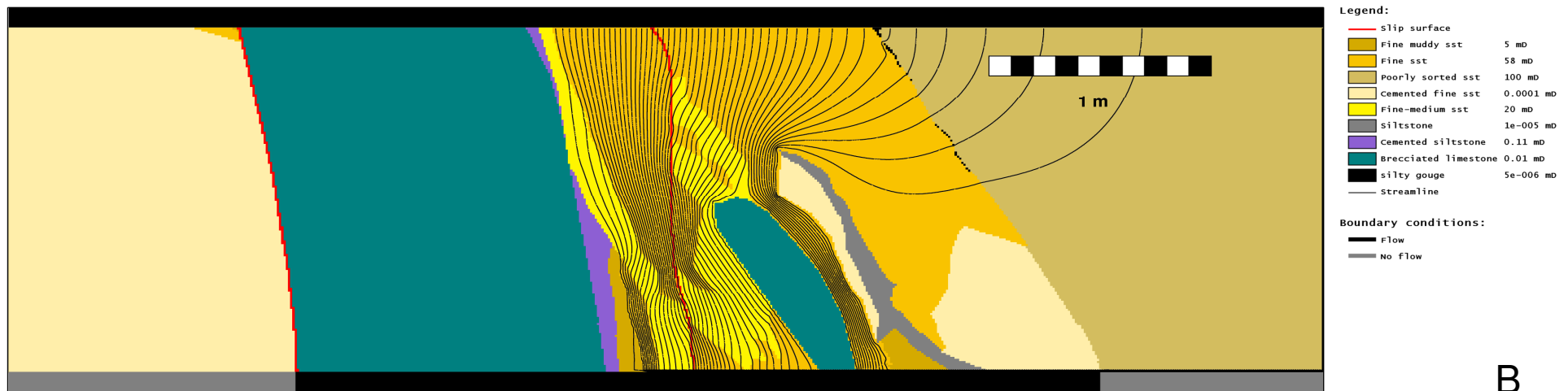




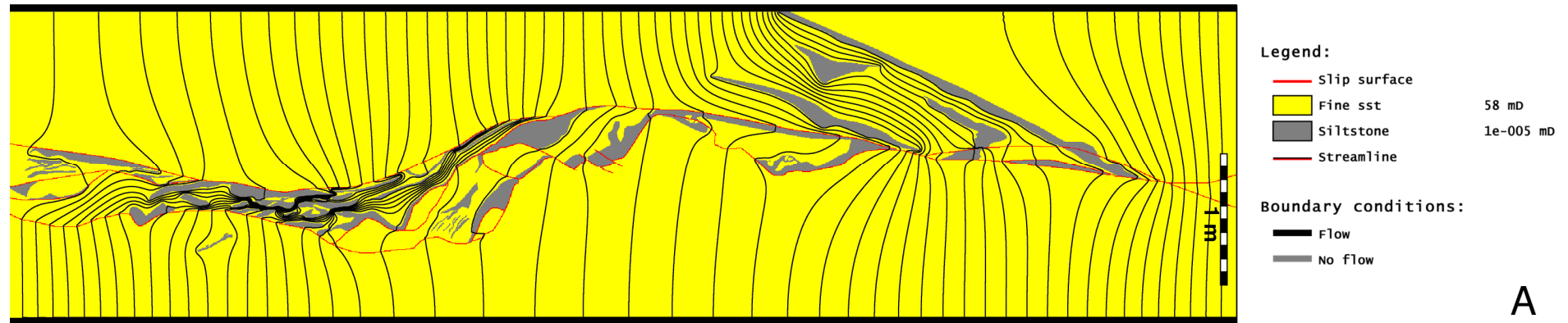
## Arches Entrance 5. Slip surfaces have no effect, across-fault flow



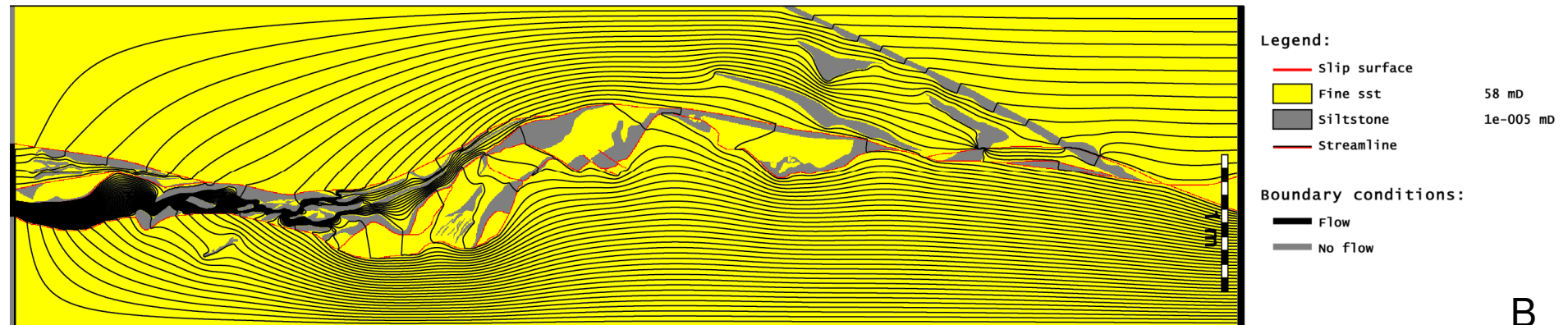
## Arches Entrance 6. Slip surfaces have no effect, along-fault flow



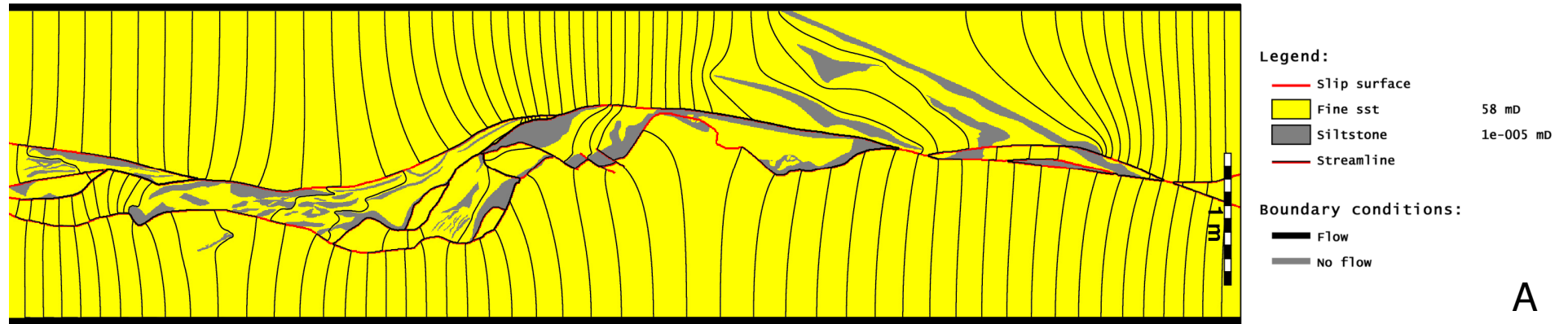
## Cedar Mountain Thrust 1. Low permeability slip surfaces, across-fault flow



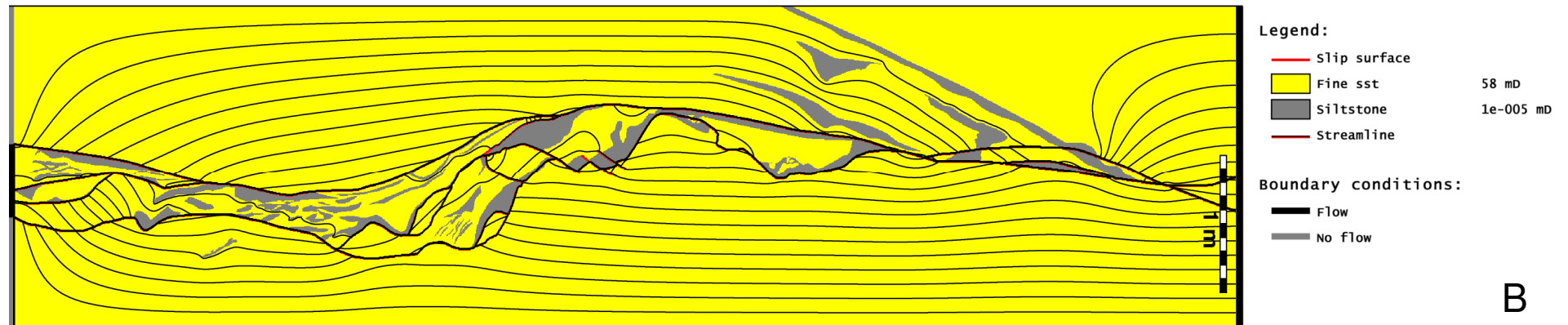
## Cedar Mountain Thrust 2. Low permeability slip surfaces, along-fault flow



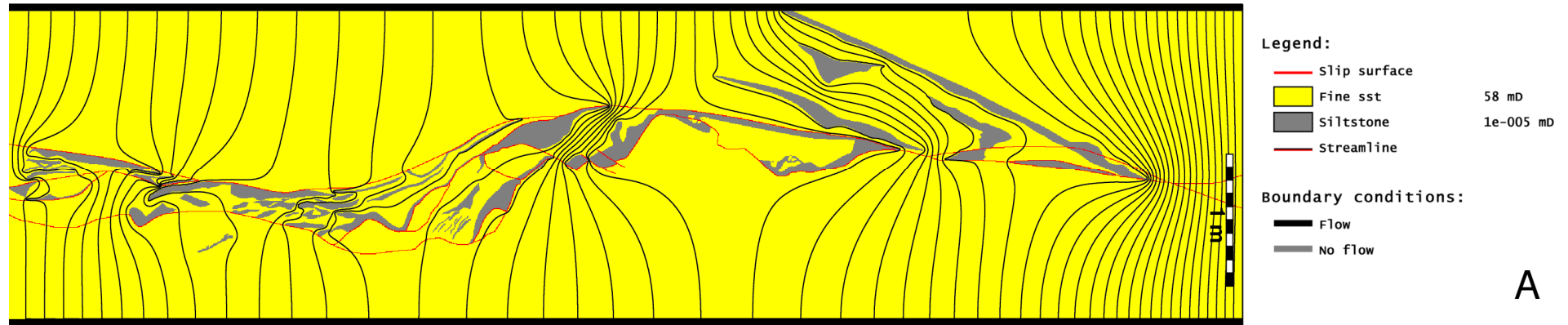
### Cedar Mountain Thrust 3. High permeability slip surfaces, across-fault flow



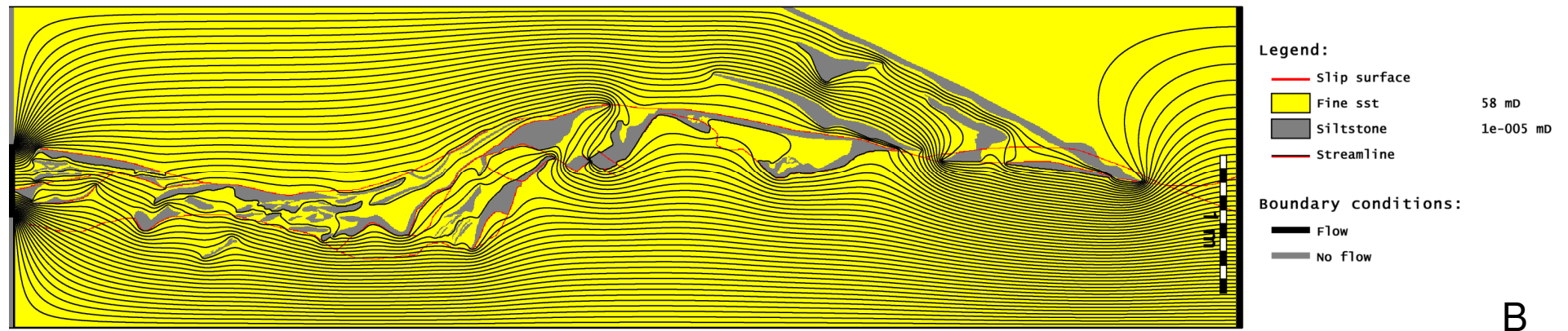
### Cedar Mountain Thrust 4. High permeability slip surfaces, along-fault flow



## Cedar Mountain Thrust 5. Slip surfaces have no effect, across-fault flow

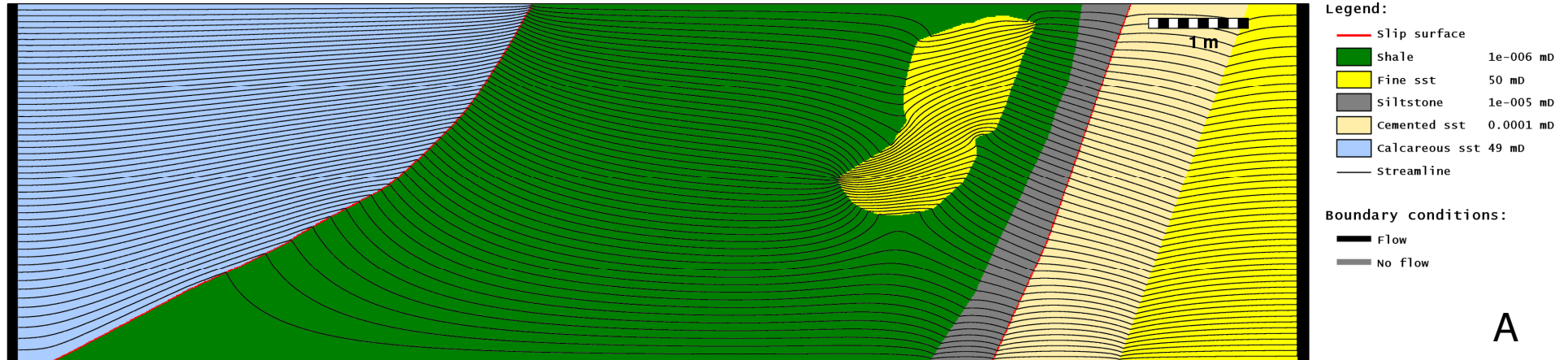


## Cedar Mountain Thrust 6. Slip surfaces have no effect, along-fault flow

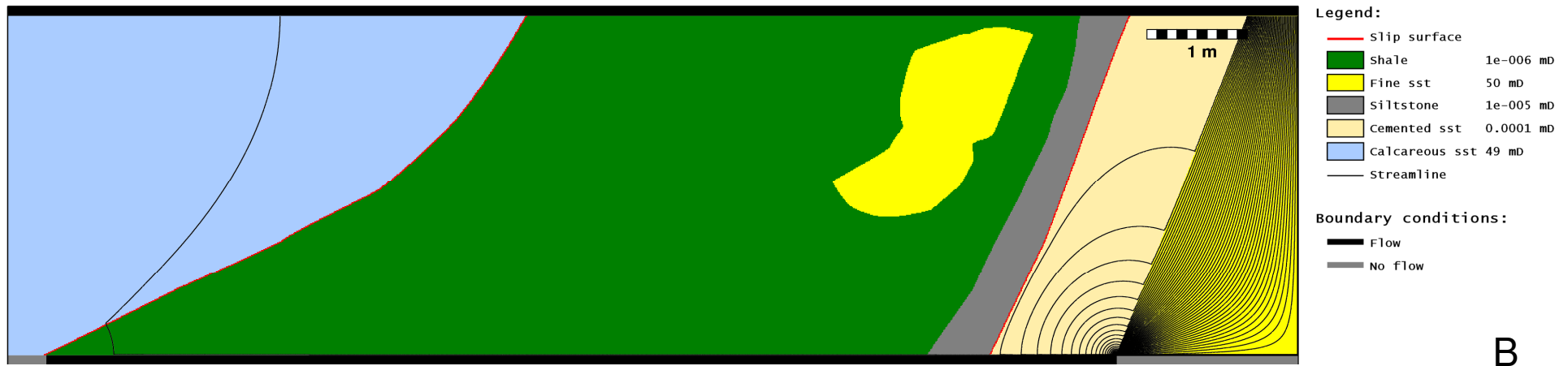




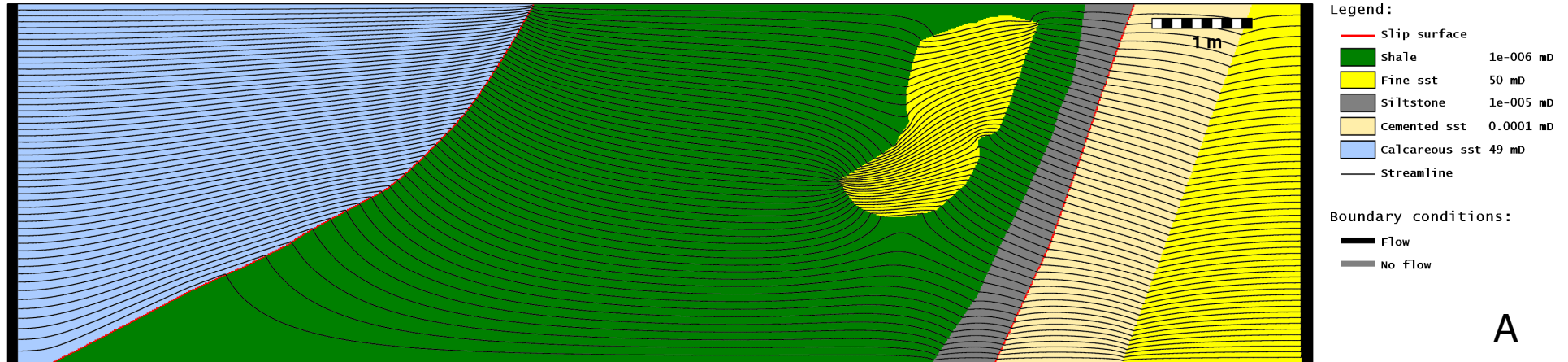
## Corral Canyon 1. No slip surfaces, across-fault flow



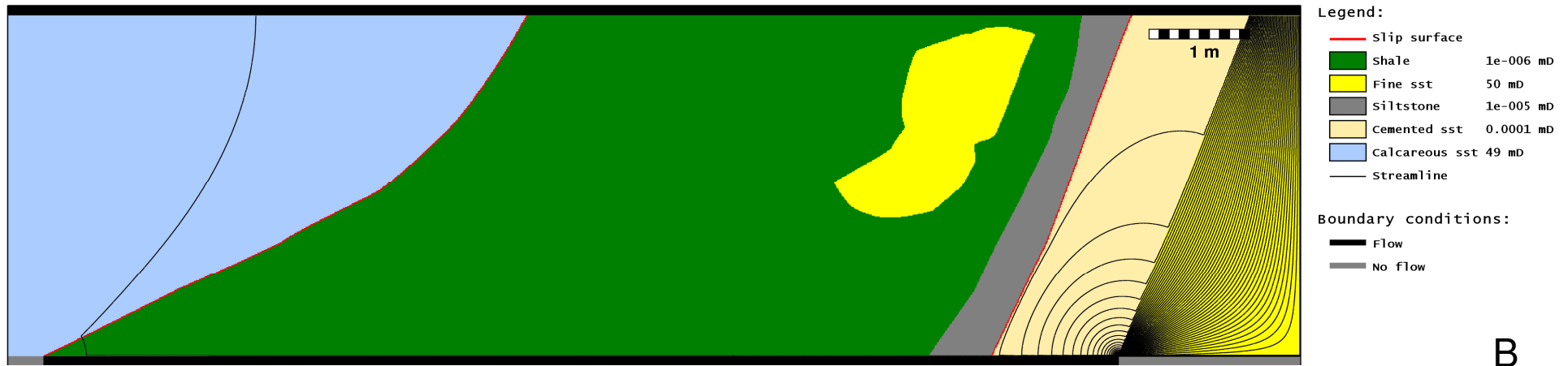
## Corral Canyon 2. No slip surfaces, along-fault flow



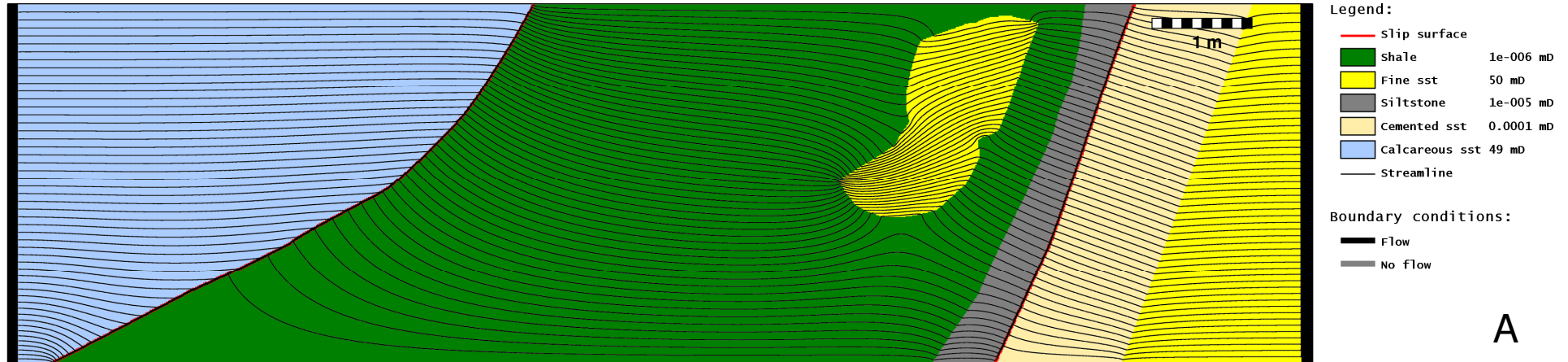
### Corral Canyon 3. Low permeability surfaces, across-fault flow



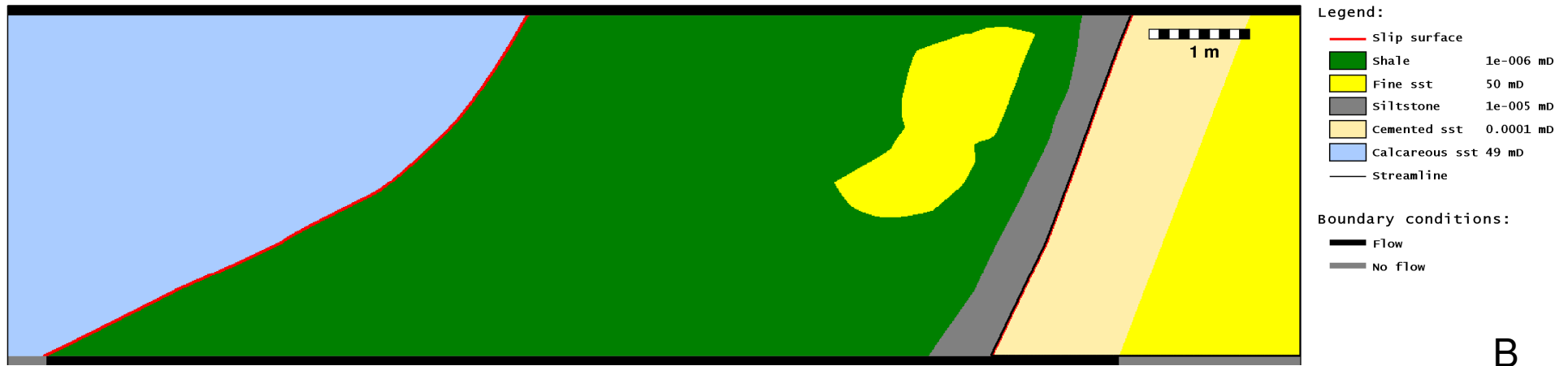
### Corral Canyon 4. Low permeability surfaces, along-fault flow



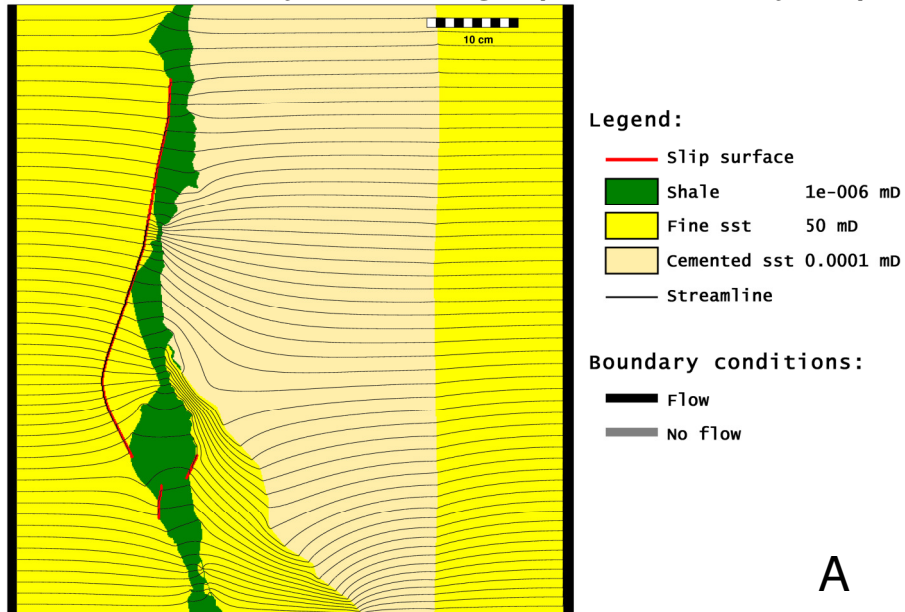
## Corral Canyon 5. High permeability surfaces, across-fault flow



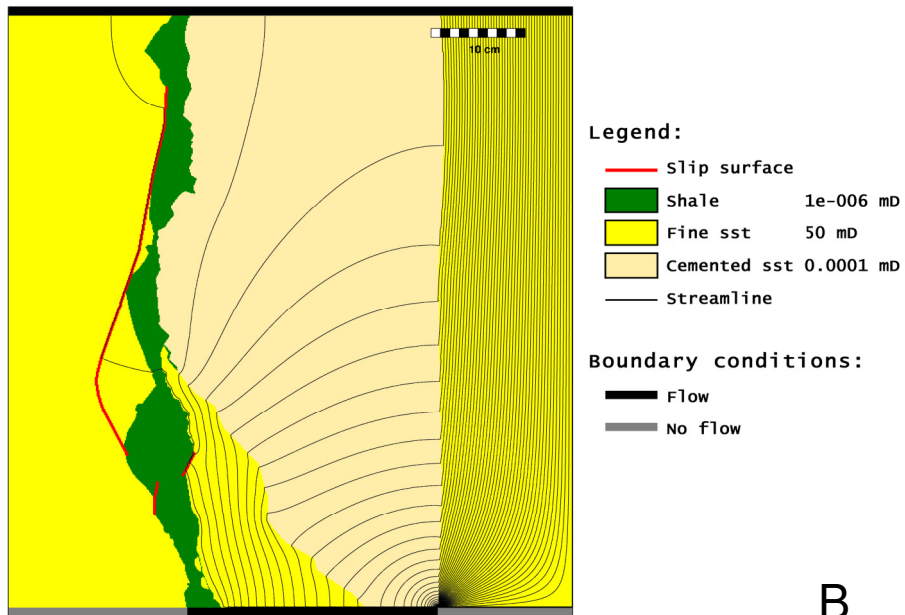
## Corral Canyon 6. High permeability surfaces, along-fault flow



## Goblin Valley 1. 1. High permeability slip surfaces, across-fault flow

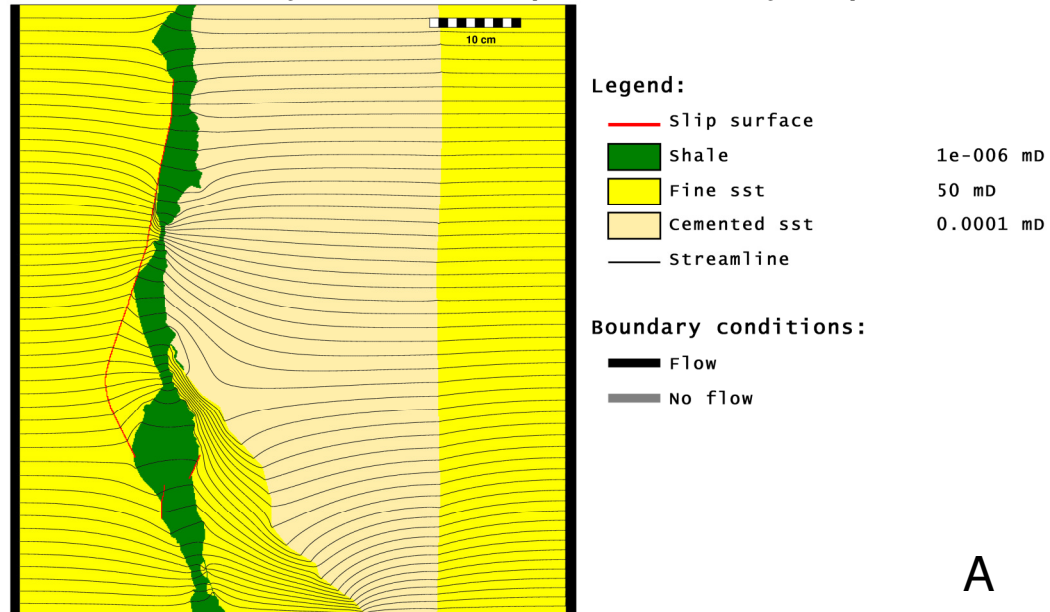


## Goblin Valley 1. 2. High permeability slip surfaces, along-fault flow

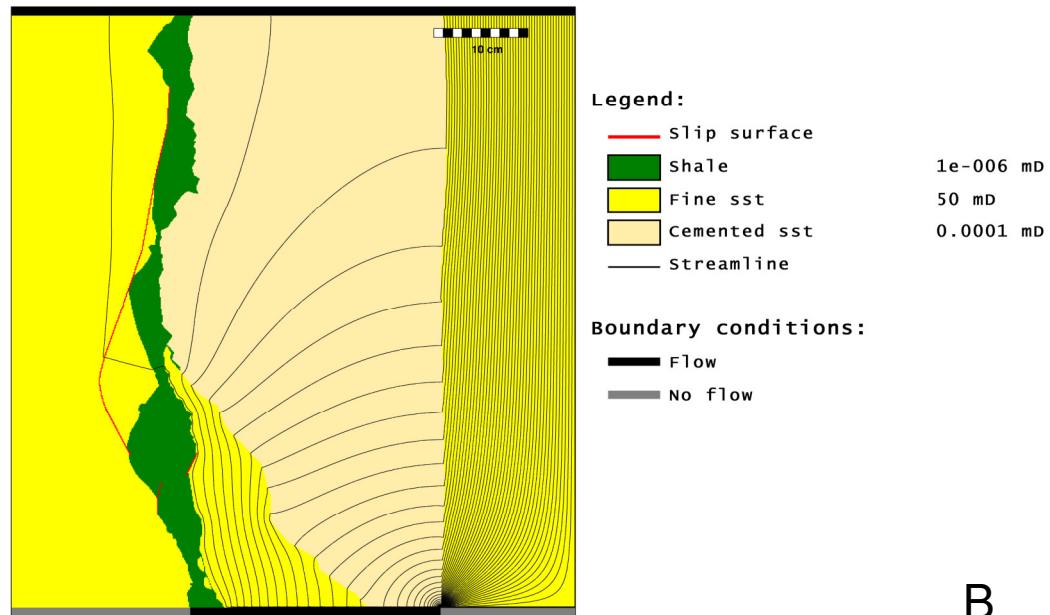




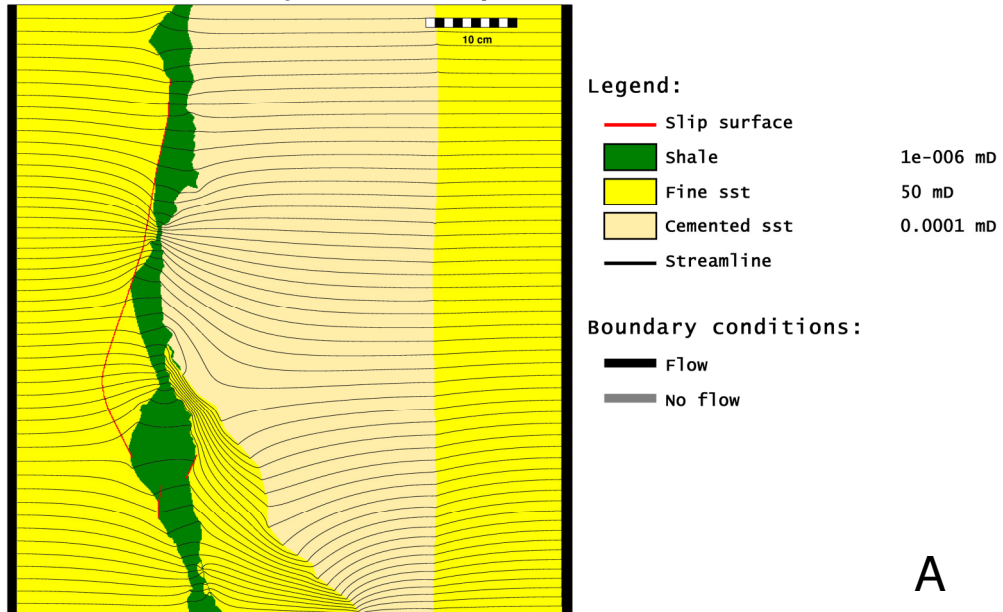
### Goblin Valley 1. 3. Low permeability slip surfaces, across-fault flow



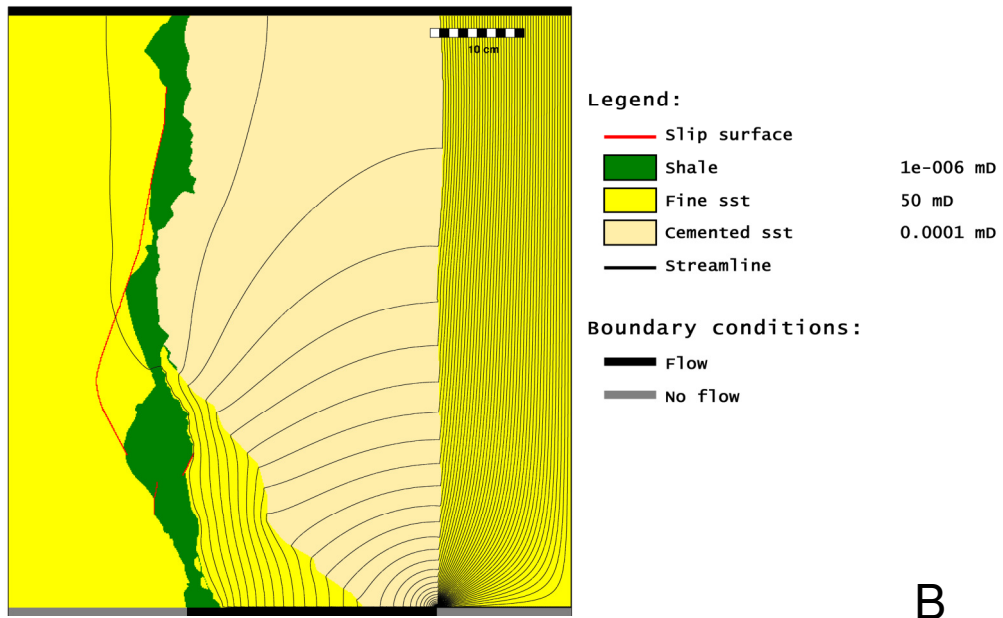
### Goblin Valley 1. 4. Low permeability slip surfaces along fault flow



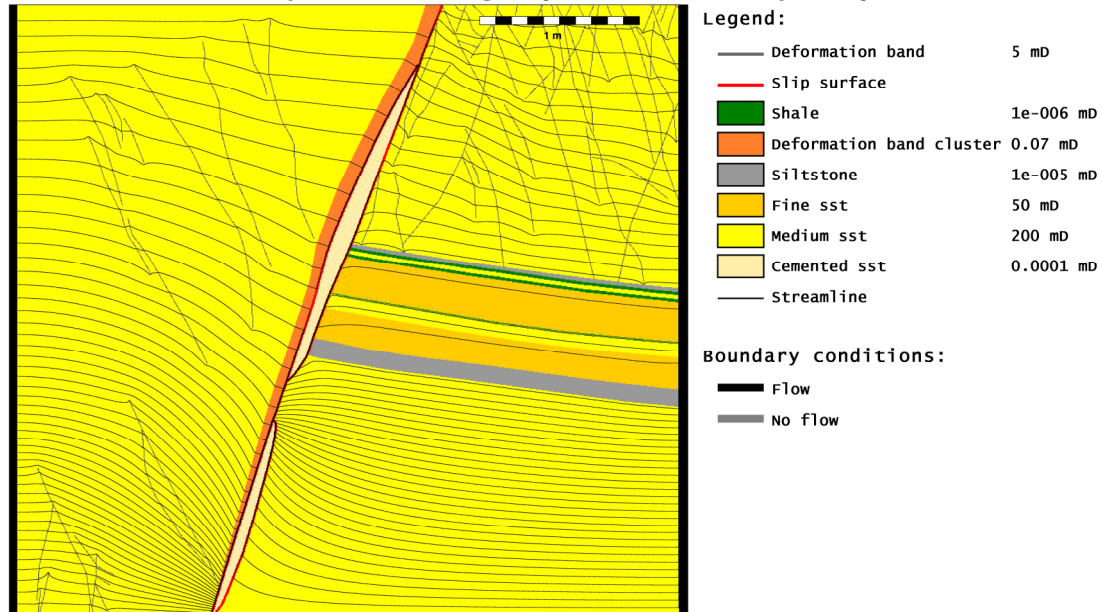
## Goblin Valley 1. 5. Slip surfaces have no effect, across-fault flow



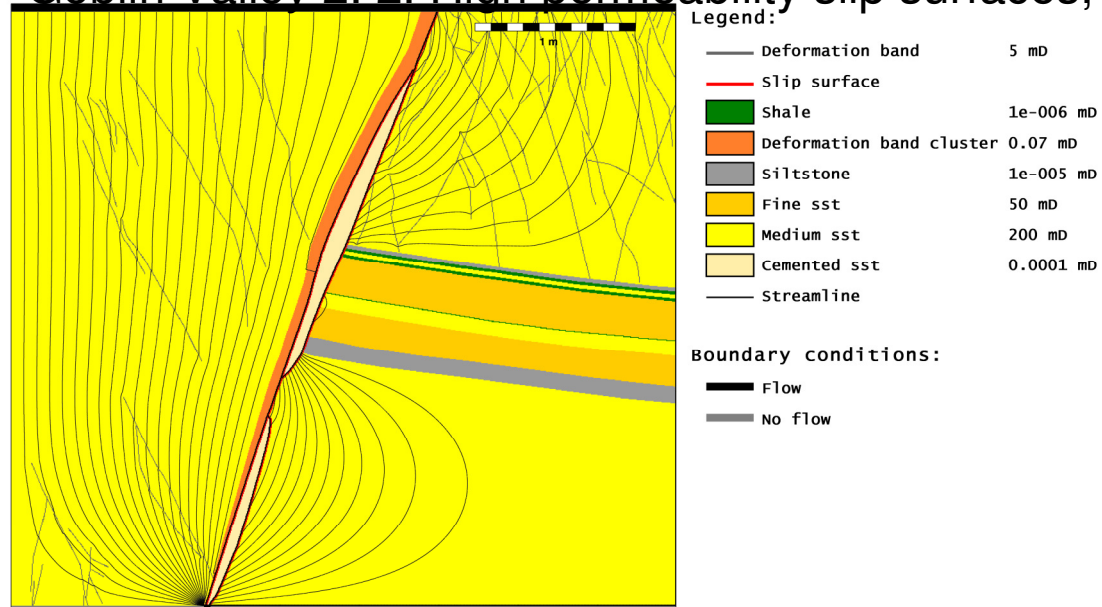
## Goblin Valley 1. 6. Slip surfaces have no effect, along-fault flow



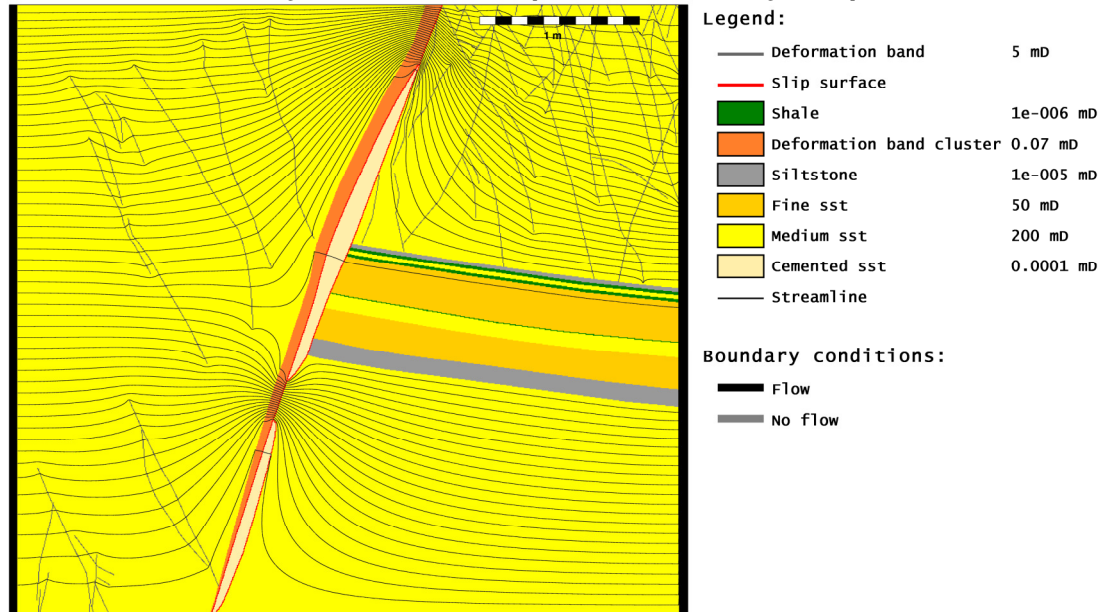
## Goblin Valley 2. 1. High permeability slip surfaces, across-fault flow



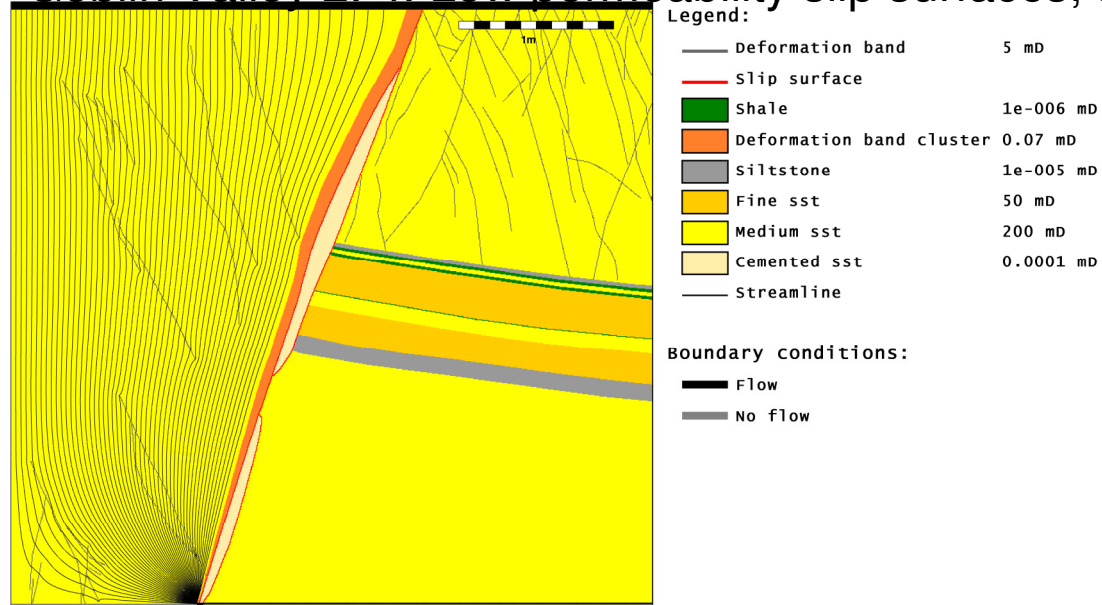
## Goblin Valley 2. 2. High permeability slip surfaces, along-fault flow



## Goblin Valley 2. 3. Low permeability slip surfaces, across-fault flow

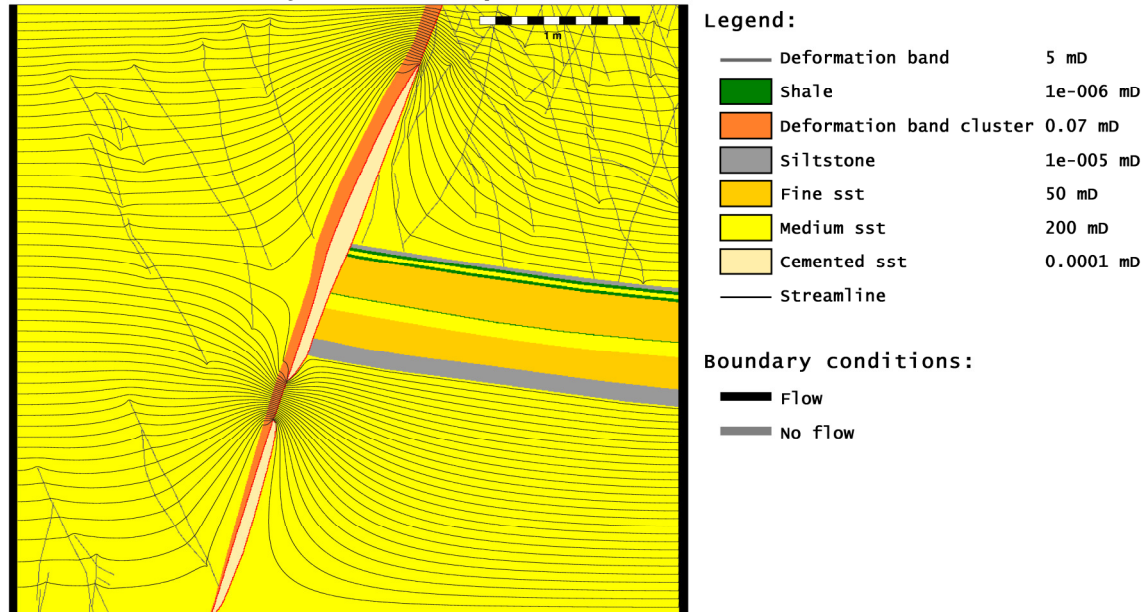


## Goblin Valley 2. 4. Low permeability slip surfaces, along-fault flow

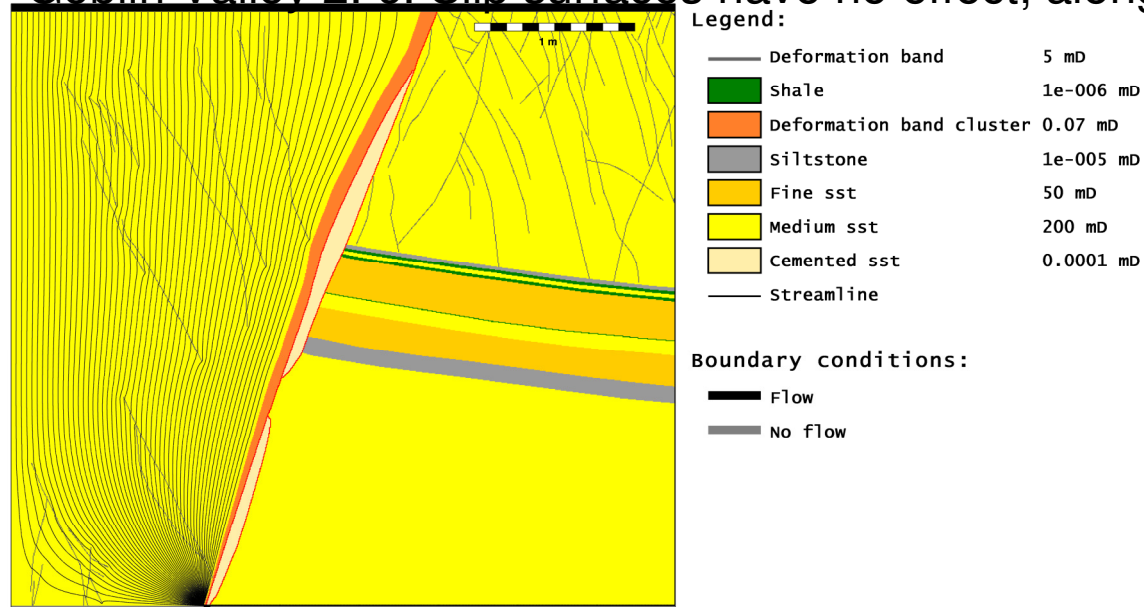




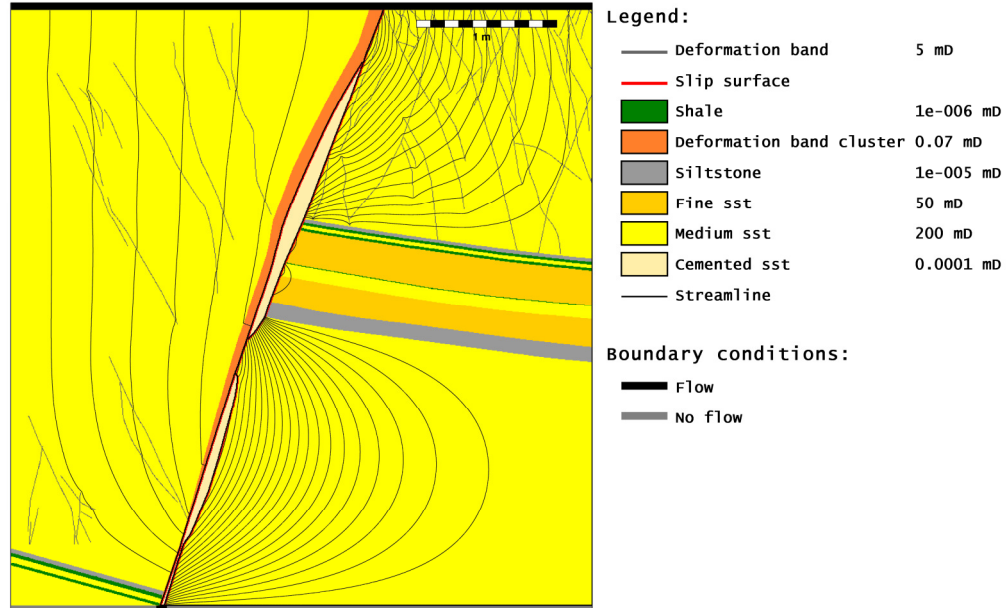
## Goblin Valley 2. 5. Slip surfaces have no effect, across-fault flow



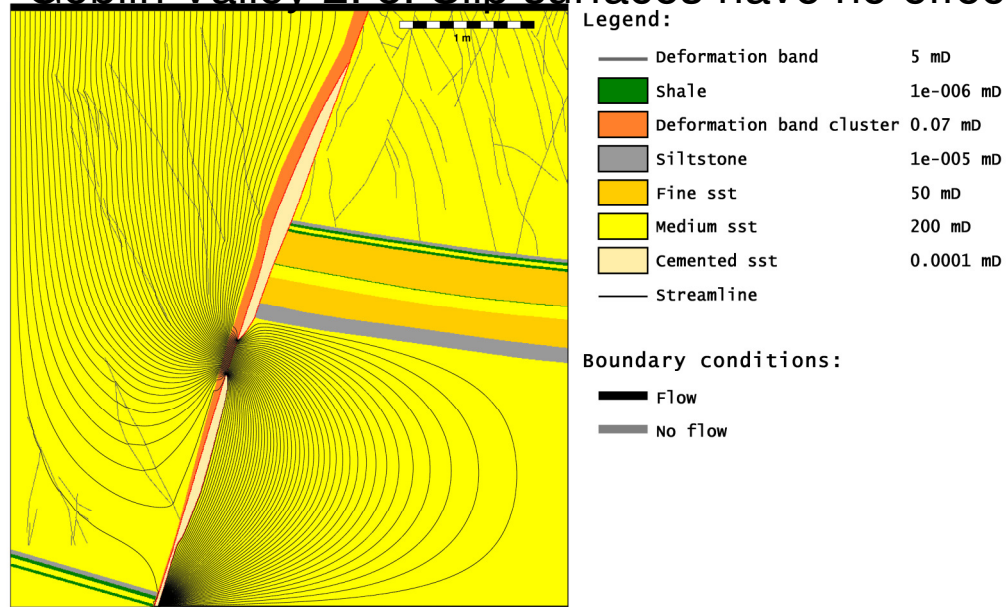
## Goblin Valley 2. 6. Slip surfaces have no effect, along-fault flow



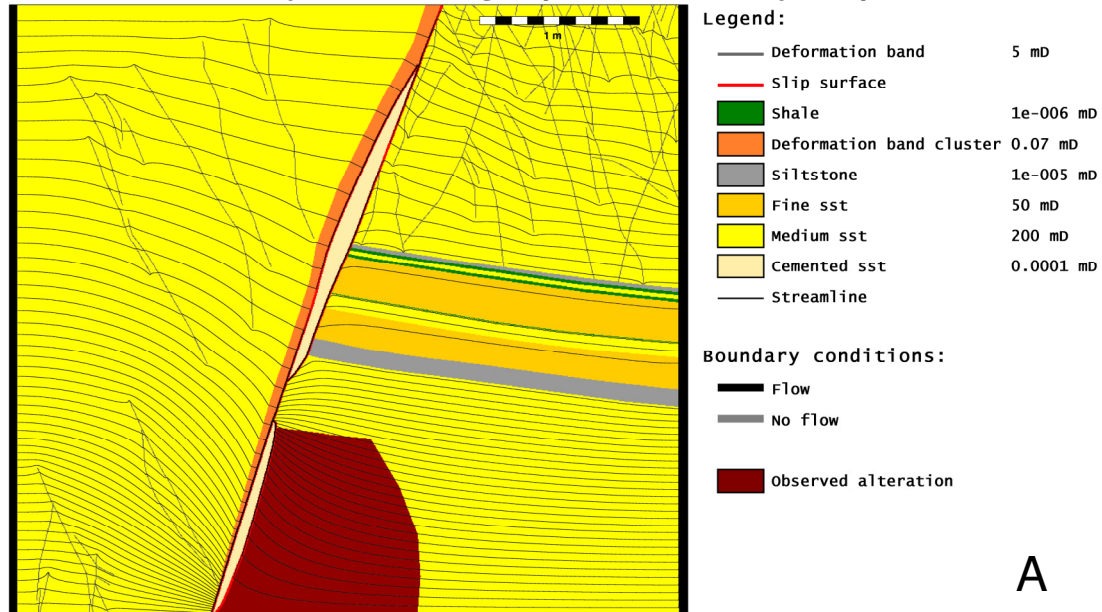
## Goblin Valley 2. 7. High permeability slip surfaces, along-fault flow - base extended



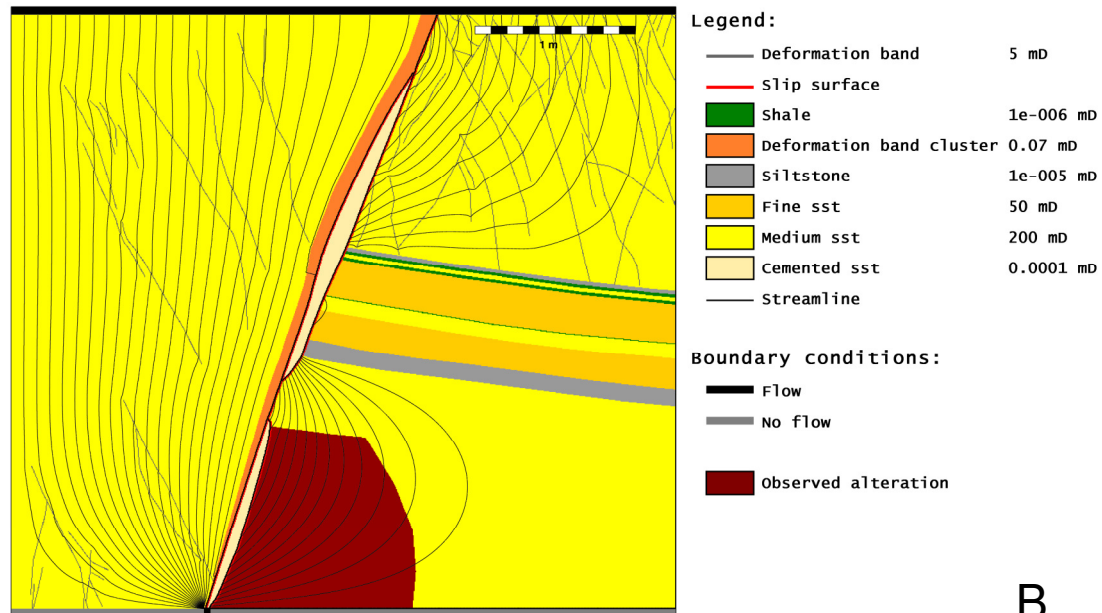
## Goblin Valley 2. 8. Slip surfaces have no effect, along-fault flow - base extended



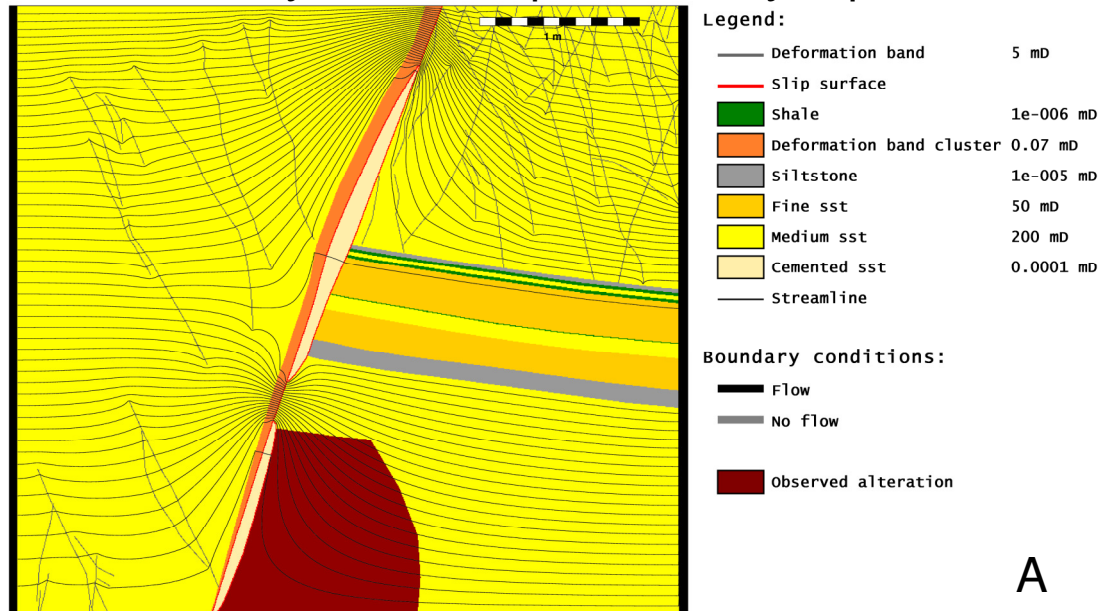
## Goblin Valley 2. 1. High permeability slip surfaces, across-fault flow



## Goblin Valley 2. 2. High permeability slip surfaces, along-fault flow

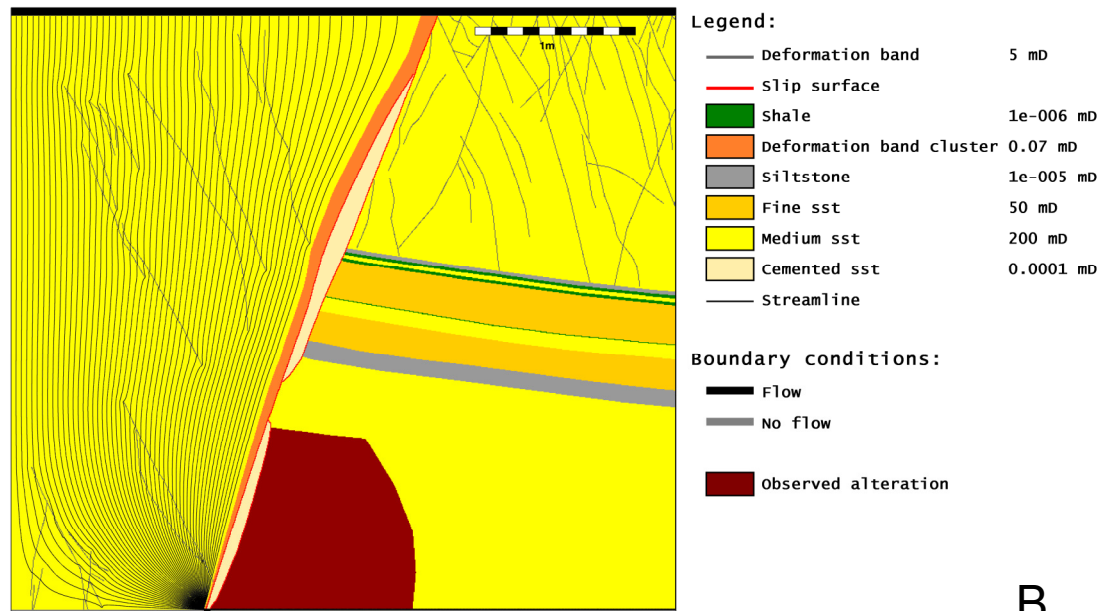


## Goblin Valley 2. 3. Low permeability slip surfaces, across-fault flow



A

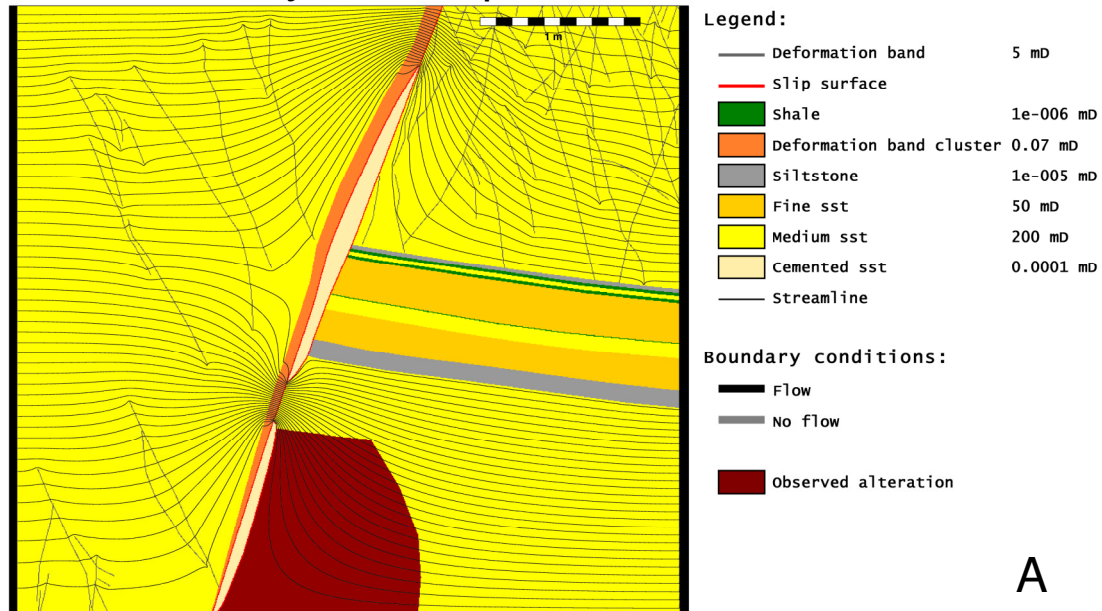
## Goblin Valley 2. 4. Low permeability slip surfaces, along-fault flow



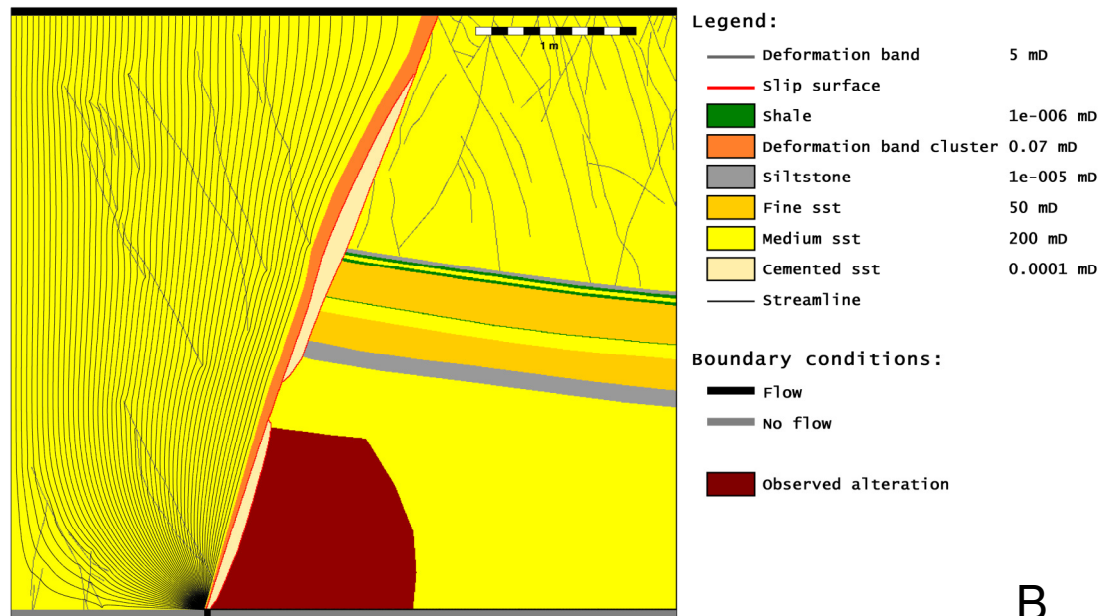
B



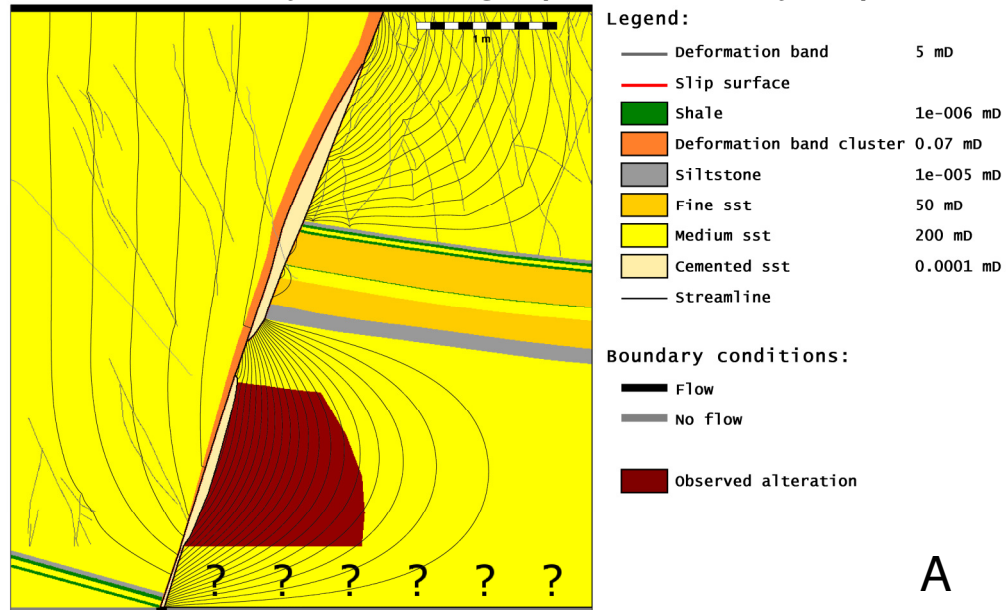
## Goblin Valley 2. 5. Slip surfaces have no effect, across-fault flow



## Goblin Valley 2. 6. Slip surfaces have no effect, along-fault flow

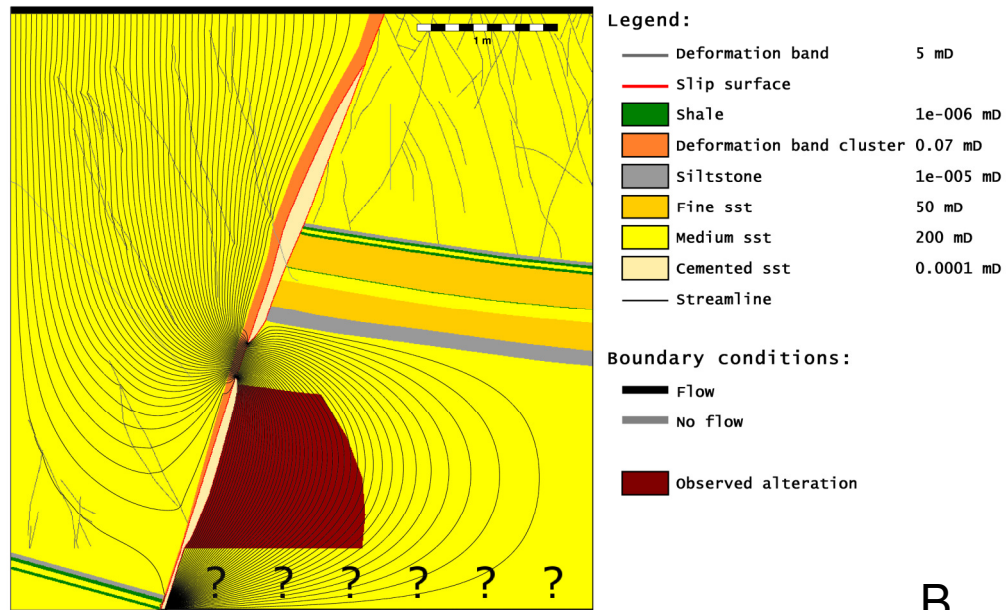


## Goblin Valley 2. 7. High permeability slip surfaces, along-fault flow - base extended



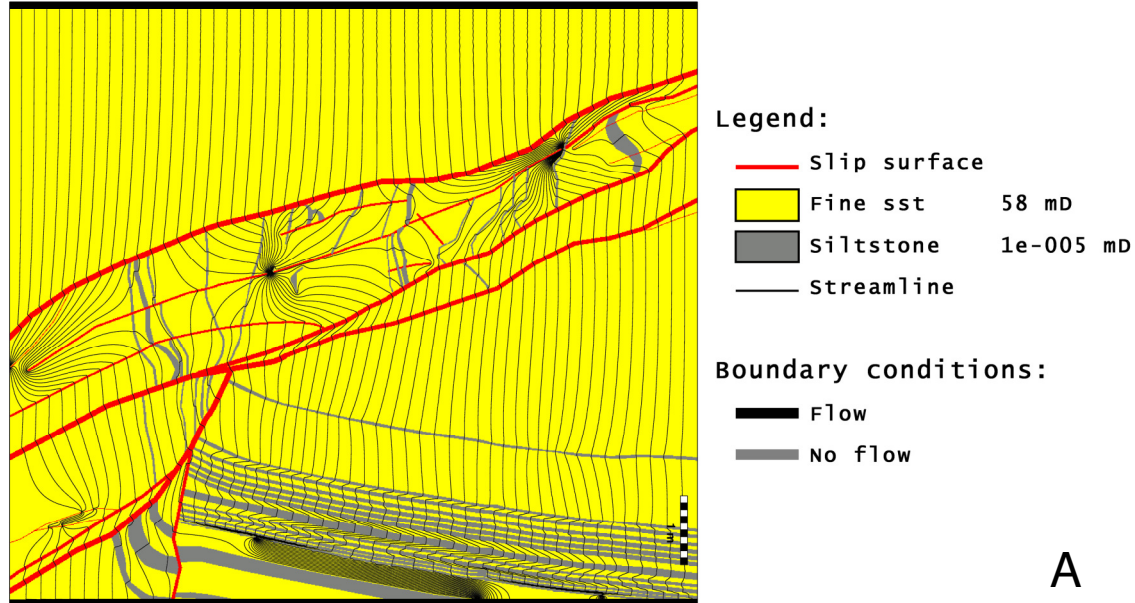
A

## Goblin Valley 2. 8. Slip surfaces have no effect, along-fault flow - base extended



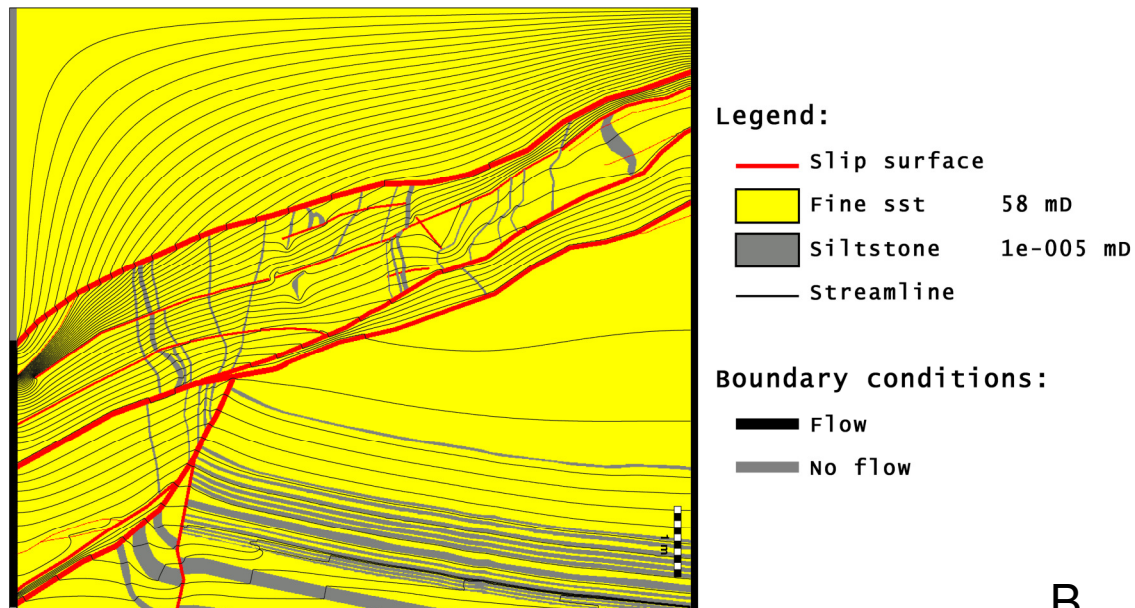
B

## Ketobe Knob 1 Low permeability slip surfaces, across-fault flow



A

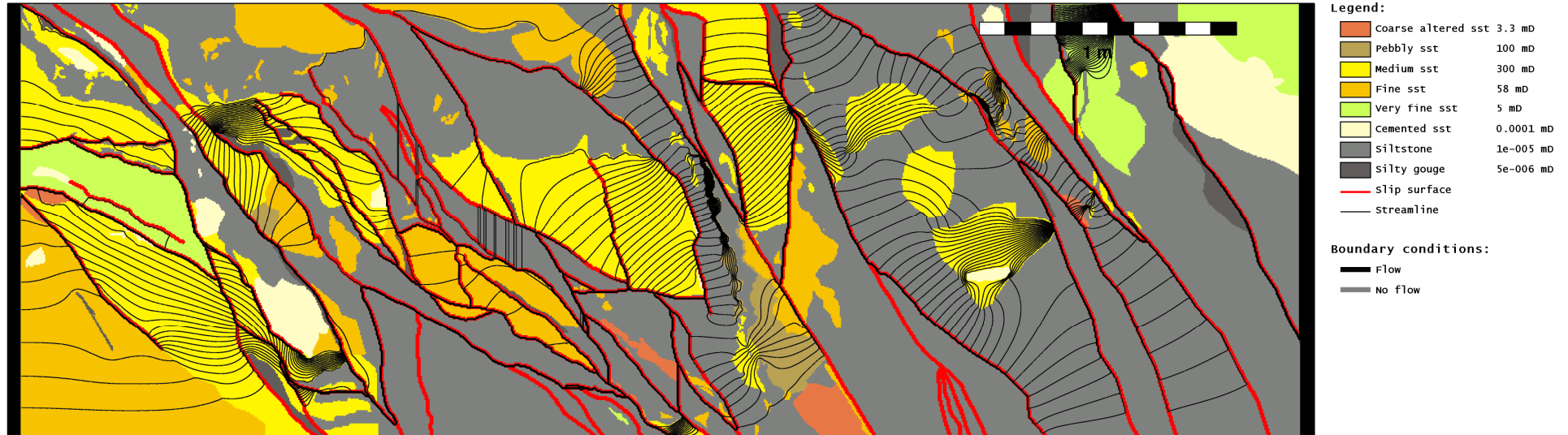
## Ketobe Knob 2 Low permeability slip surfaces, along-fault flow



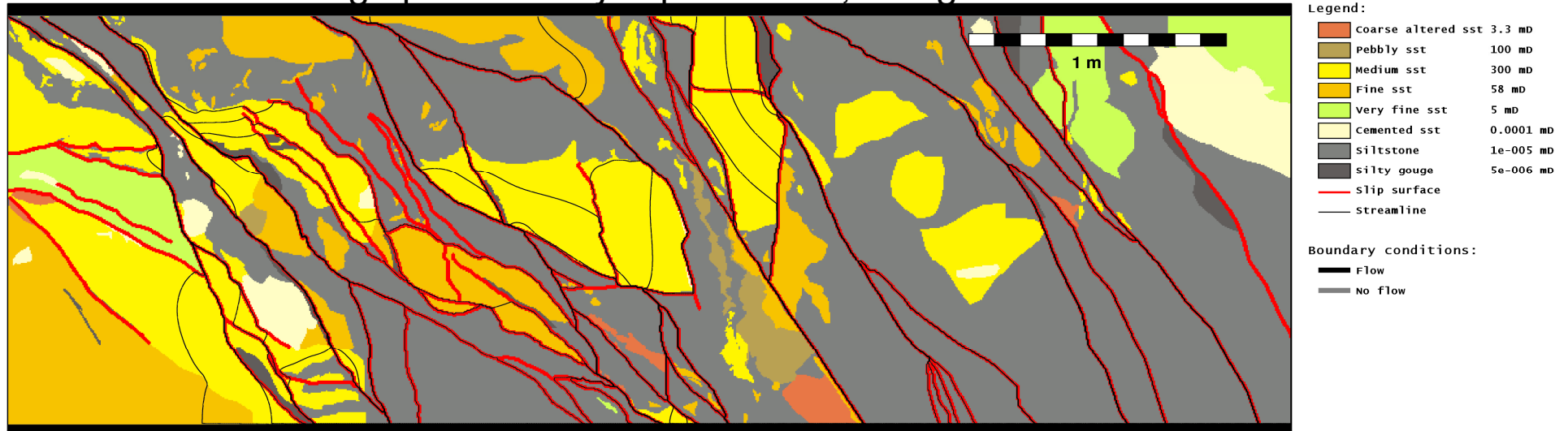
B



## Moab 191NW 1. High permeability slip surfaces, across-fault flow

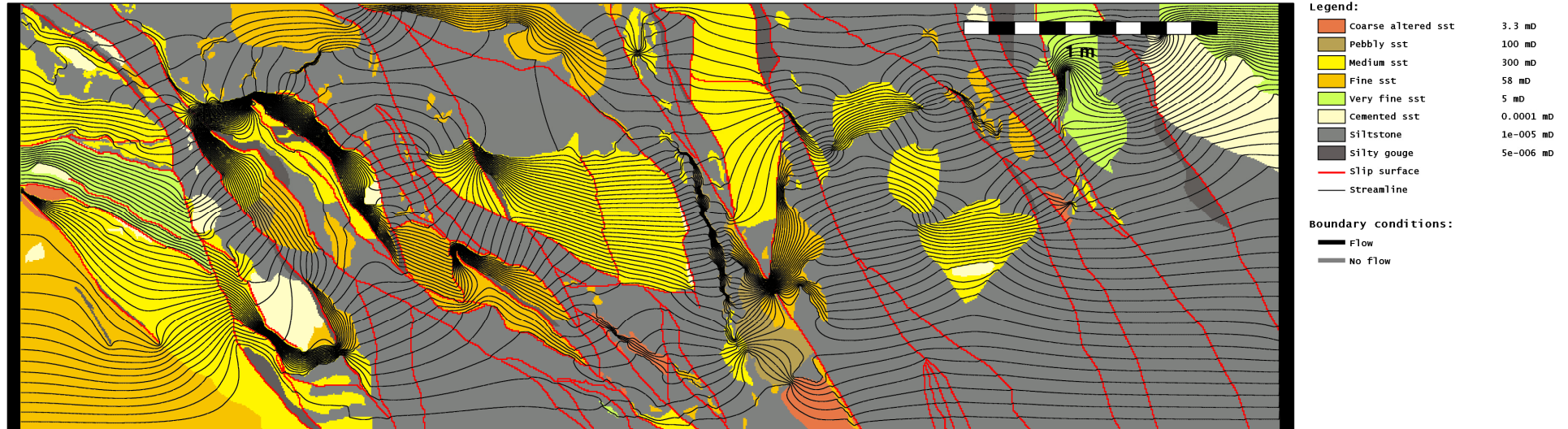


## Moab 191NW 2. High permeability slip surfaces, along-fault flow

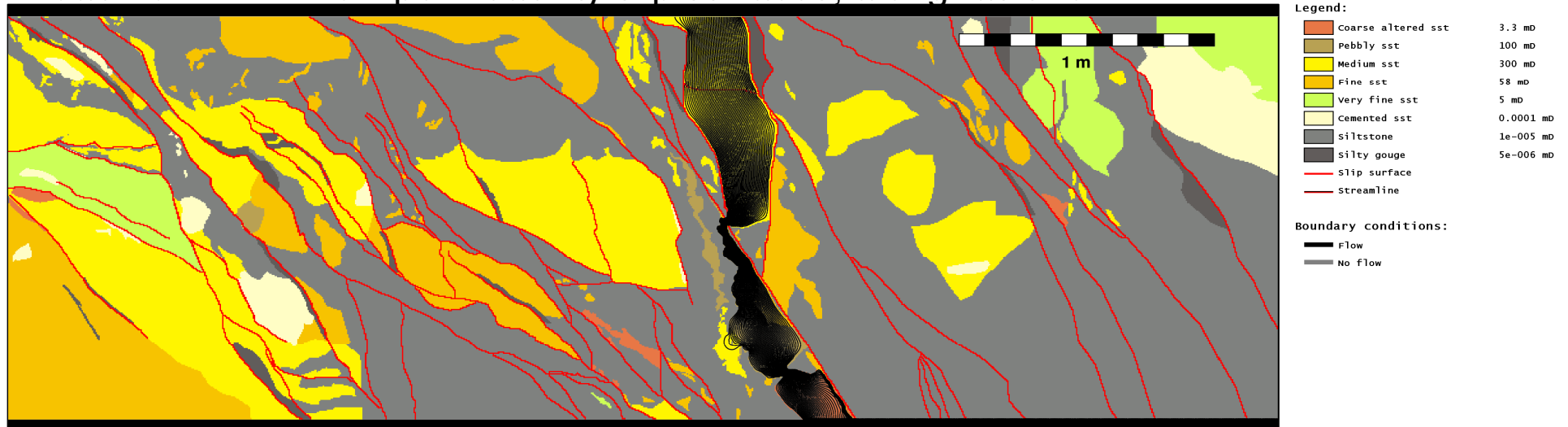




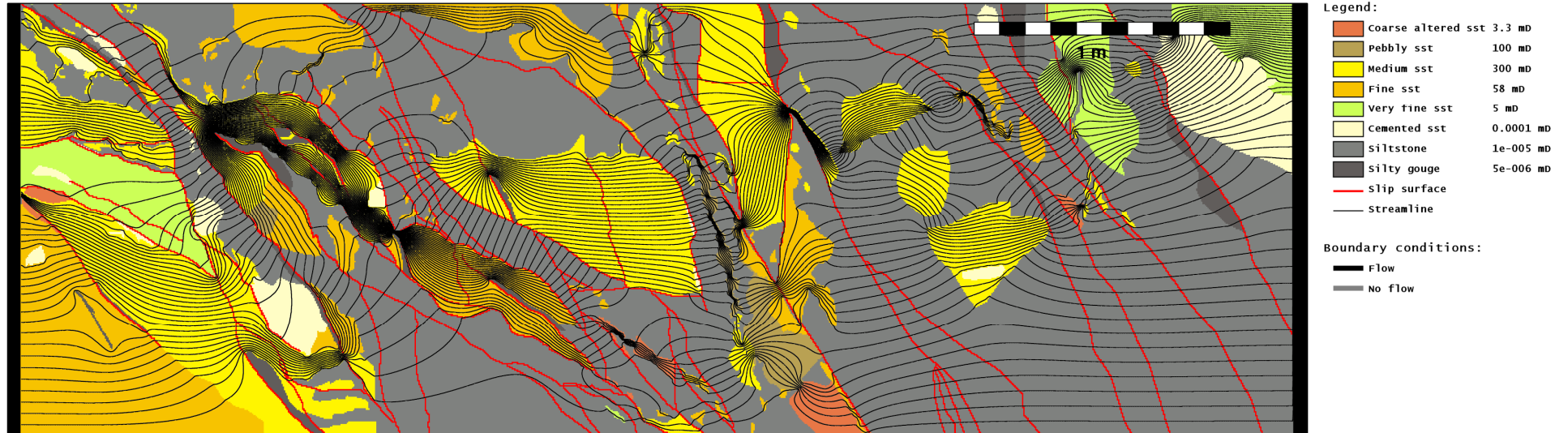
## Moab 191NW 3. Low permeability slip surfaces, across-fault flow



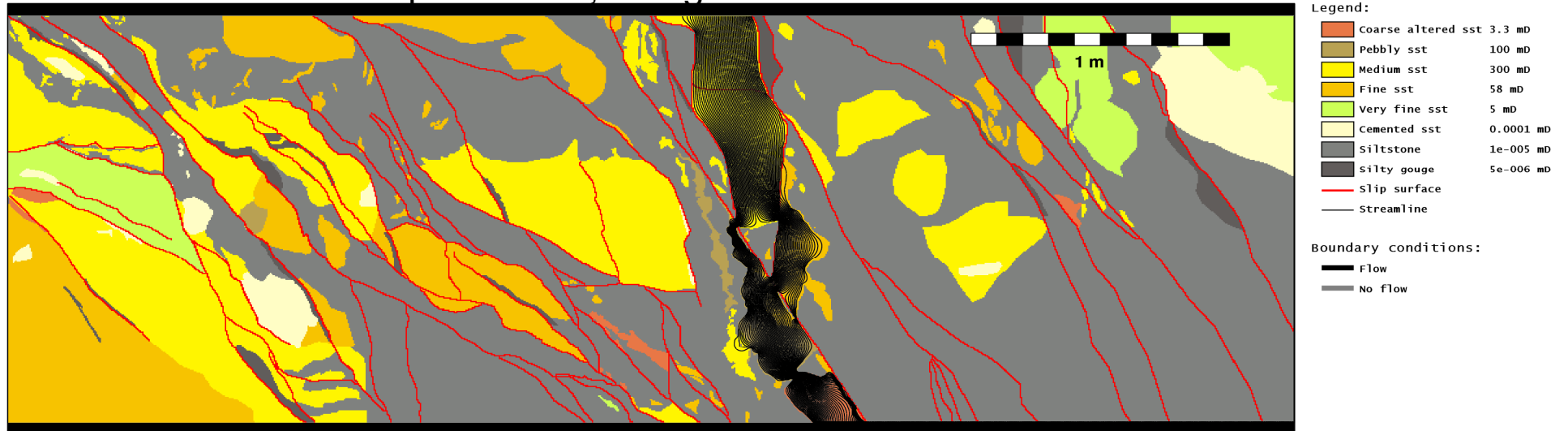
## Moab 191NW 4. Low permeability slip surfaces, along-fault flow



## Moab 191NW 5. No slip surfaces, across-fault flow

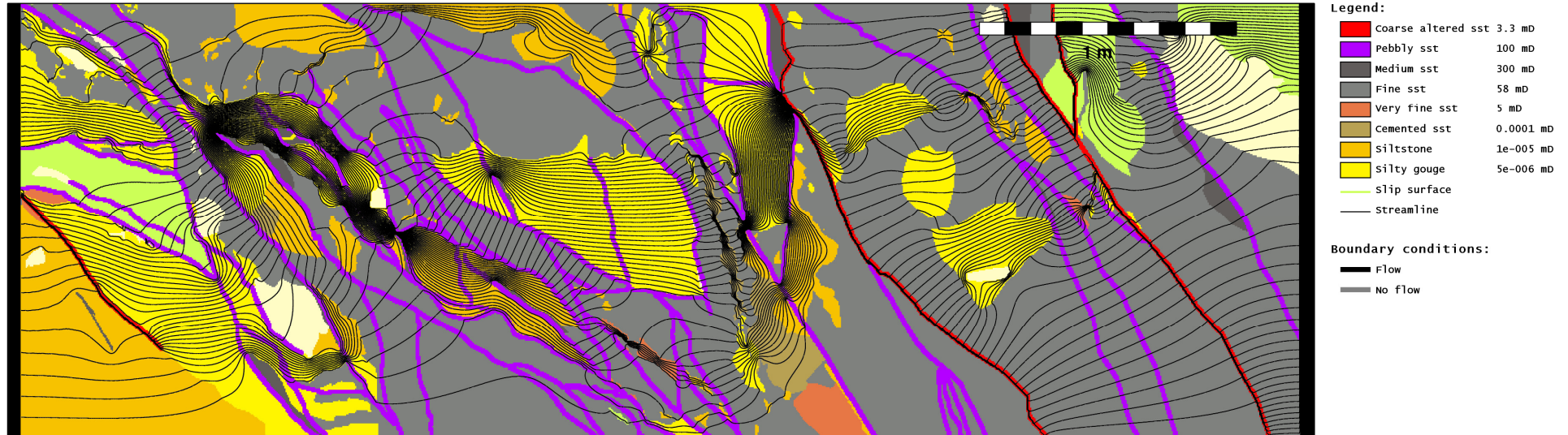


## Moab 191NW 6. No slip surfaces, along-fault flow

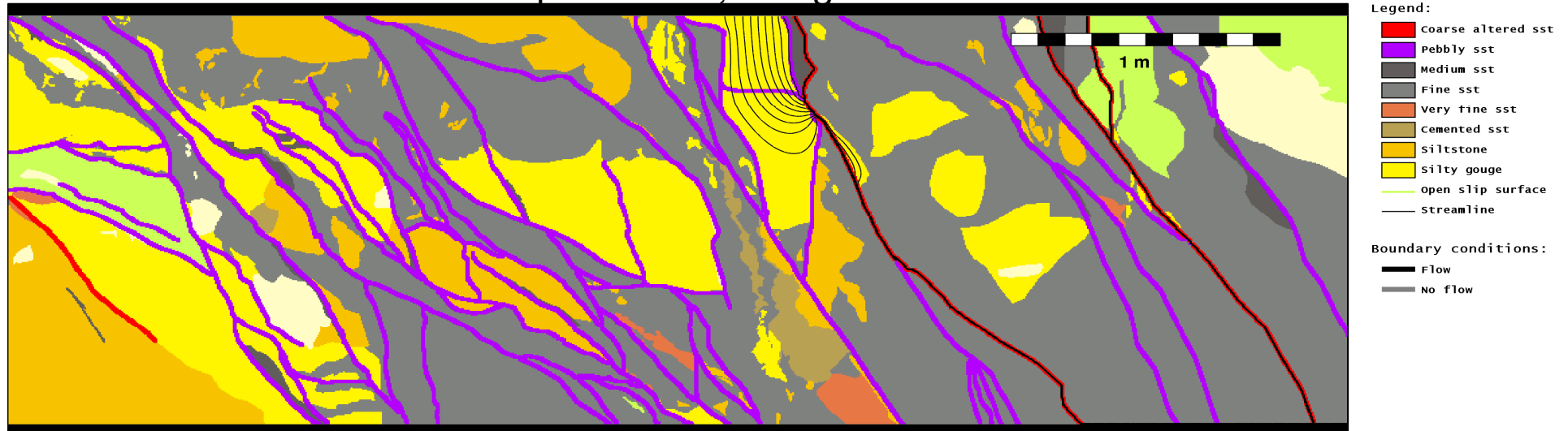




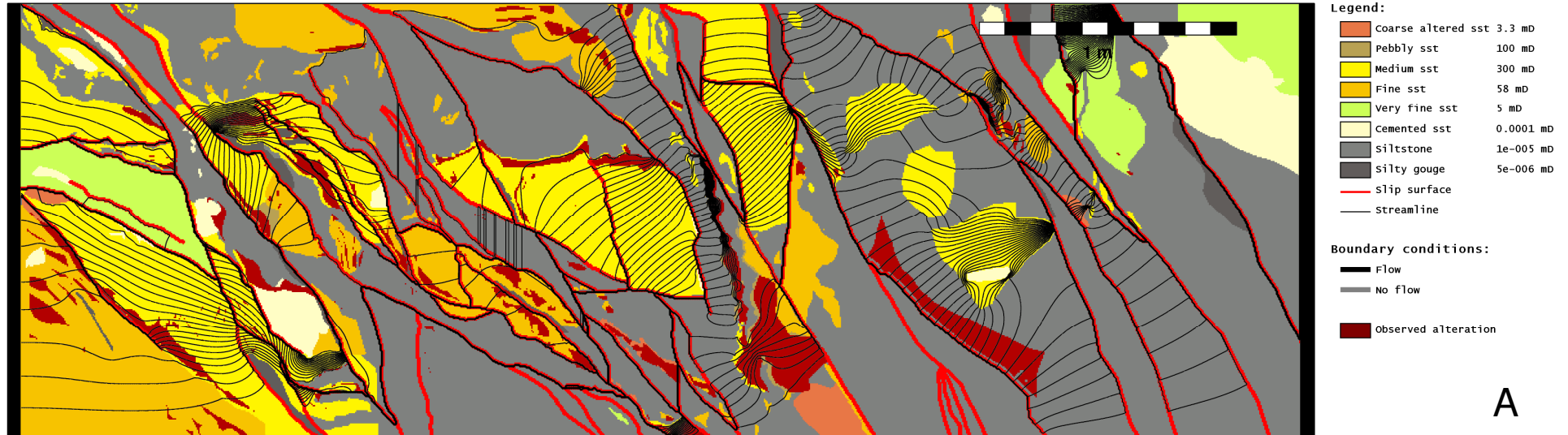
## Moab 191NW 7. Calibrated slip surfaces, across-fault flow



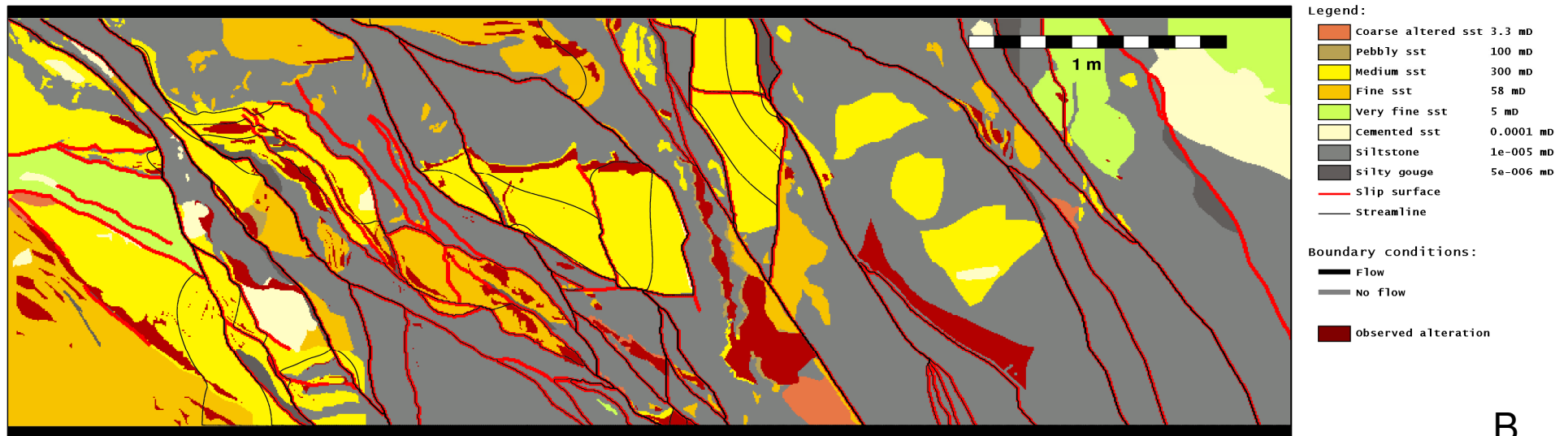
## Moab 191NW 8. Calibrated slip surfaces, along-fault flow



## Moab 191NW 1. High permeability slip surfaces, across-fault flow

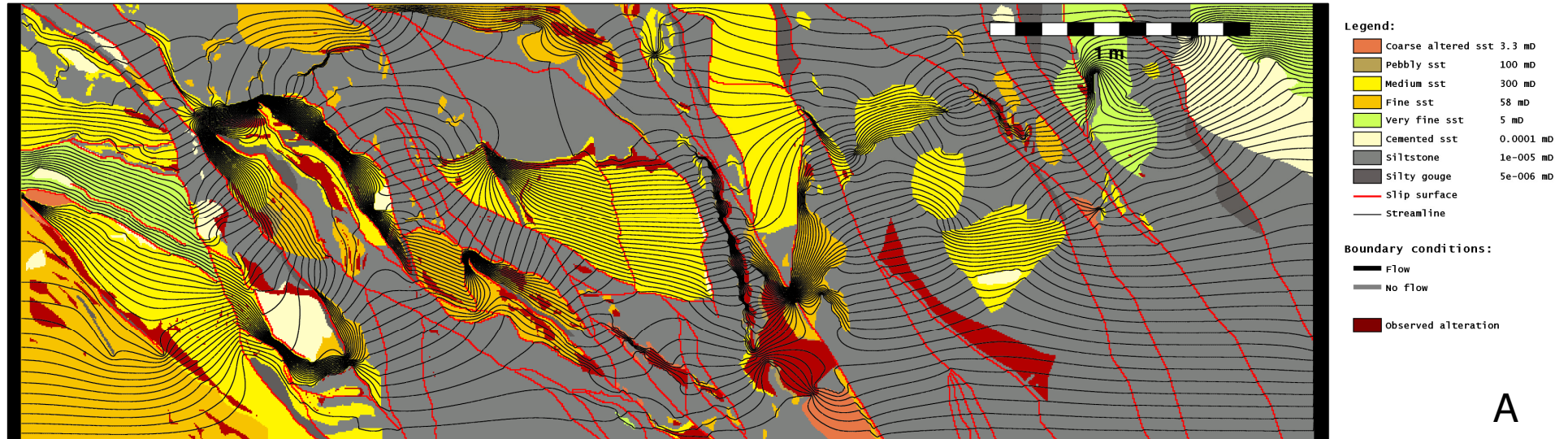


## Moab 191NW 2. High permeability slip surfaces, along-fault flow



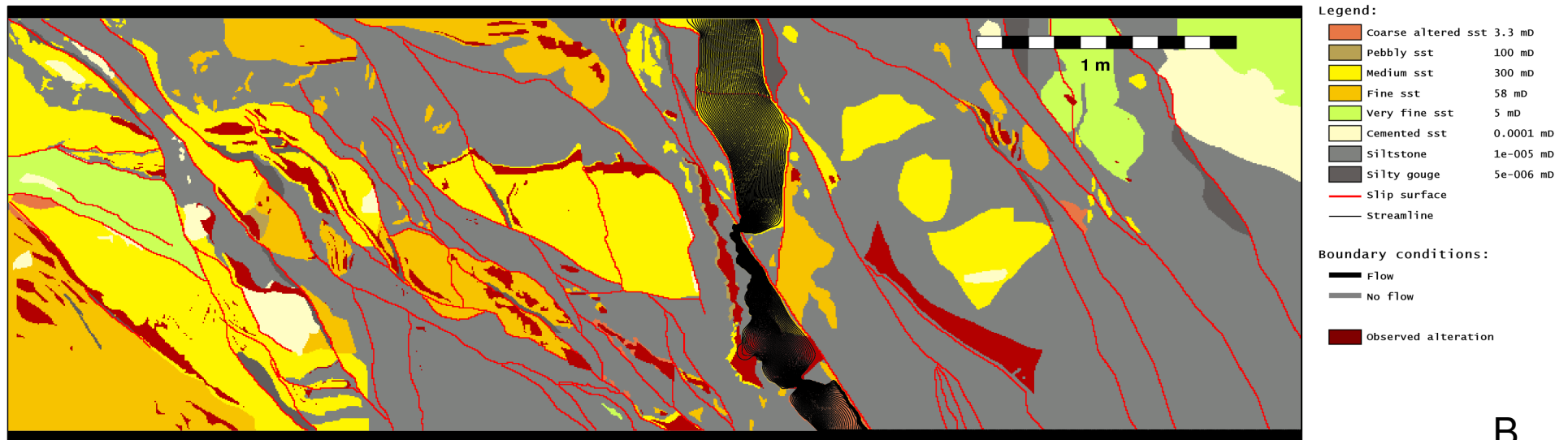


### Moab 191NW 3. Low permeability slip surfaces, across-fault flow



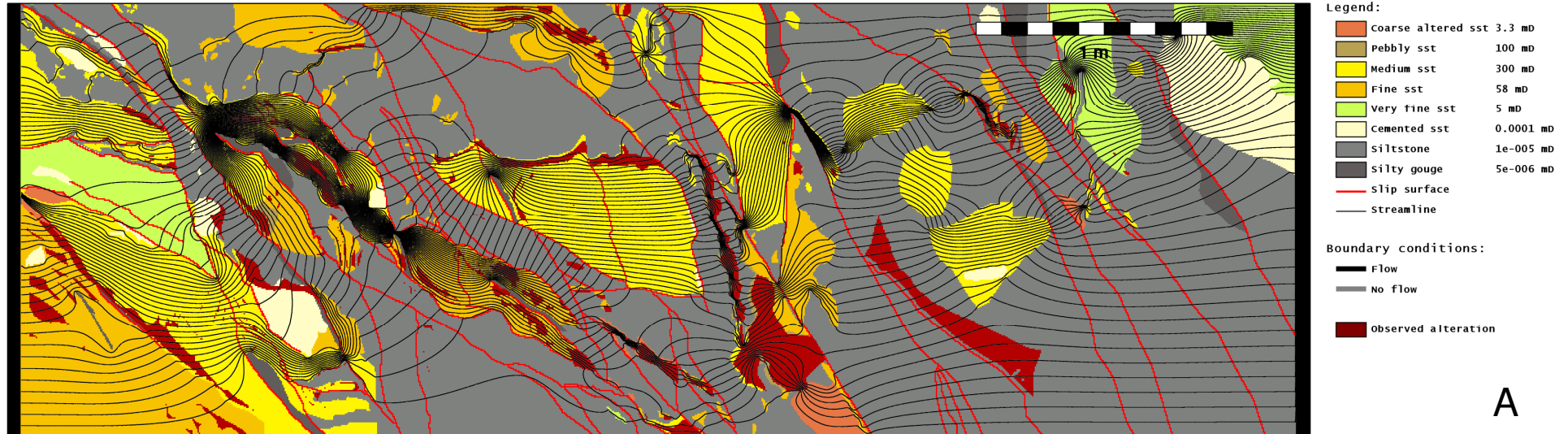
A

### Moab 191NW 4. Low permeability slip surfaces, along-fault flow

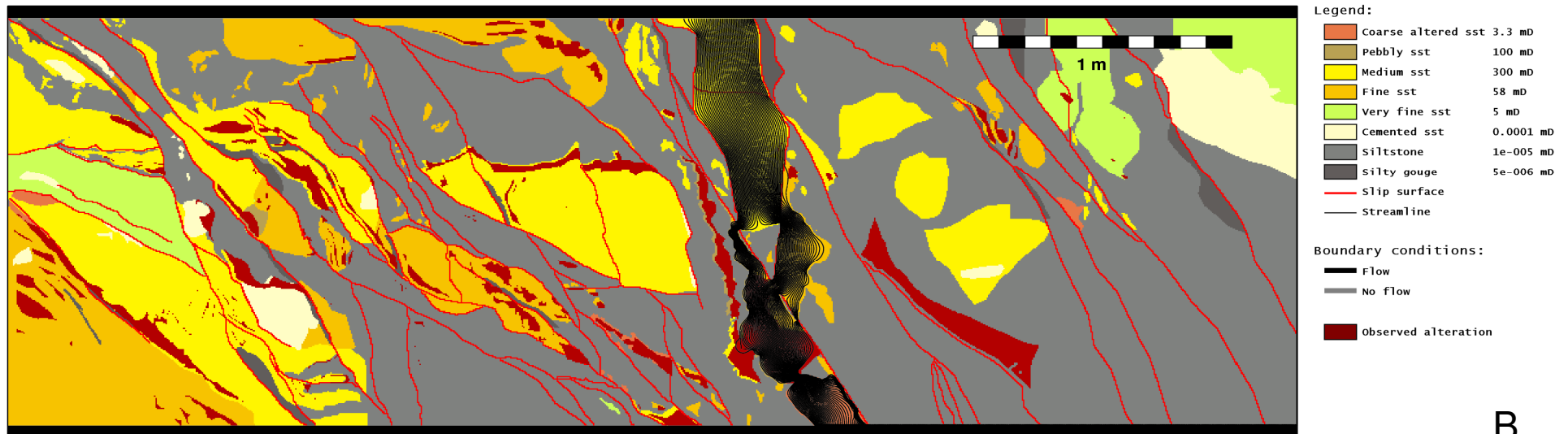


B

## Moab 191NW 5. No slip surfaces, across-fault flow

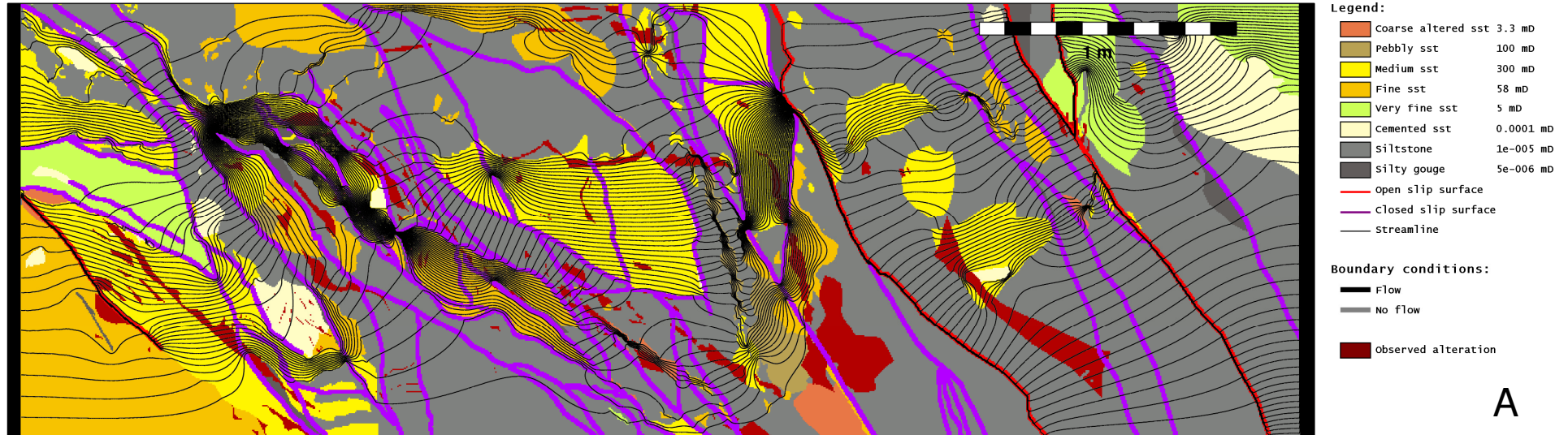


## Moab 191NW 6. No slip surfaces, along-fault flow

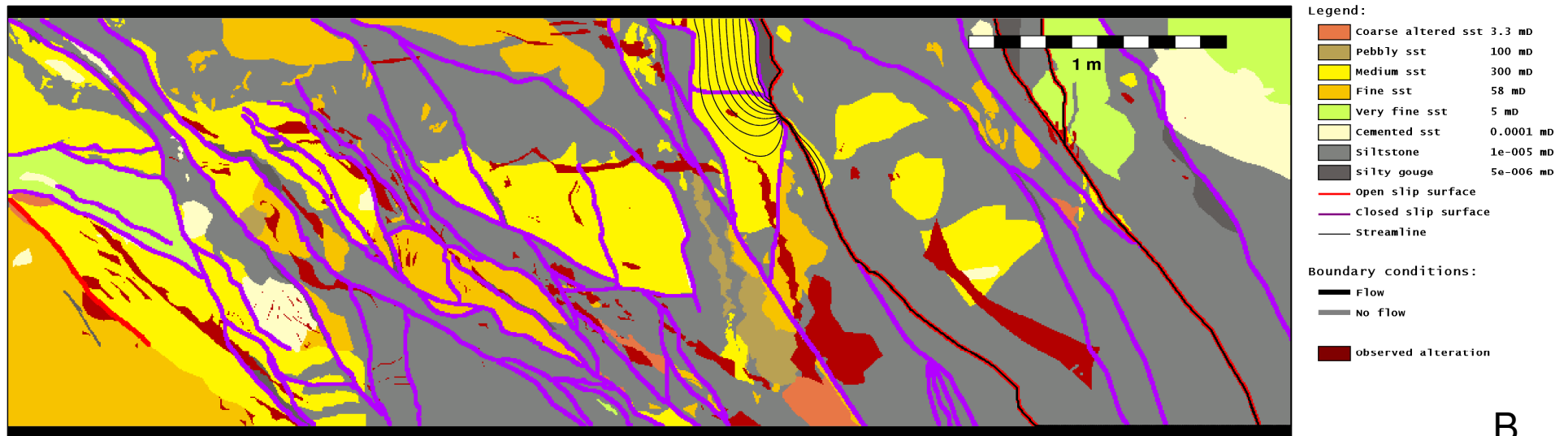




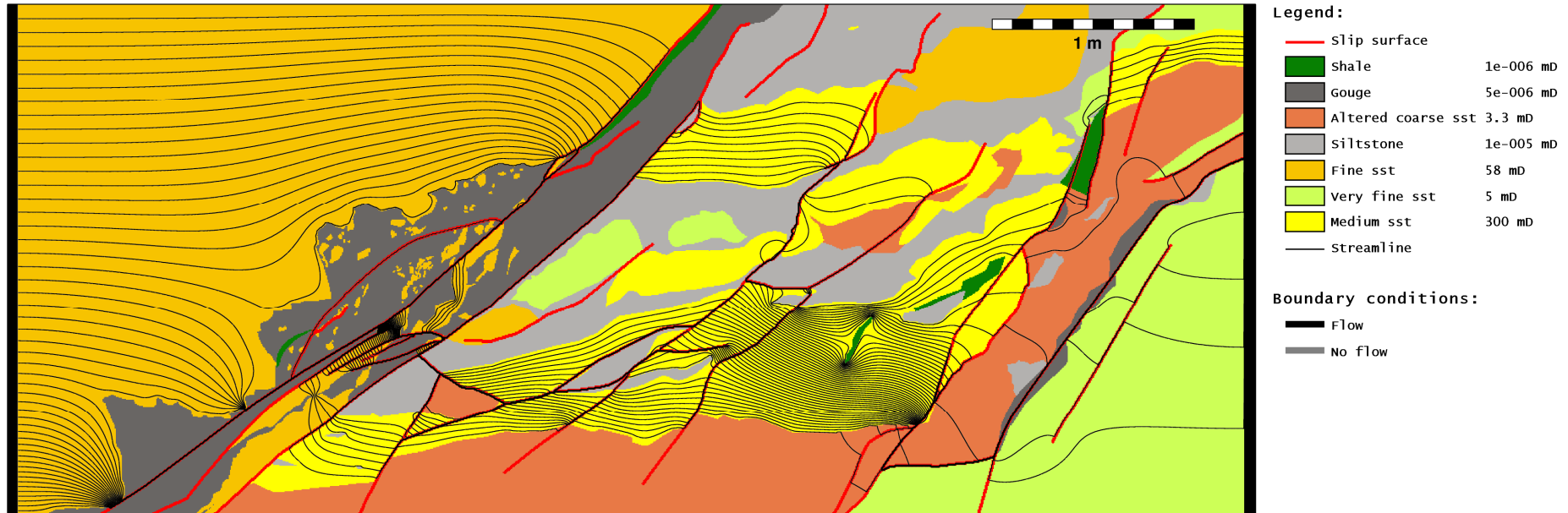
## Moab 191NW 7. Calibrated slip surfaces, across-fault flow



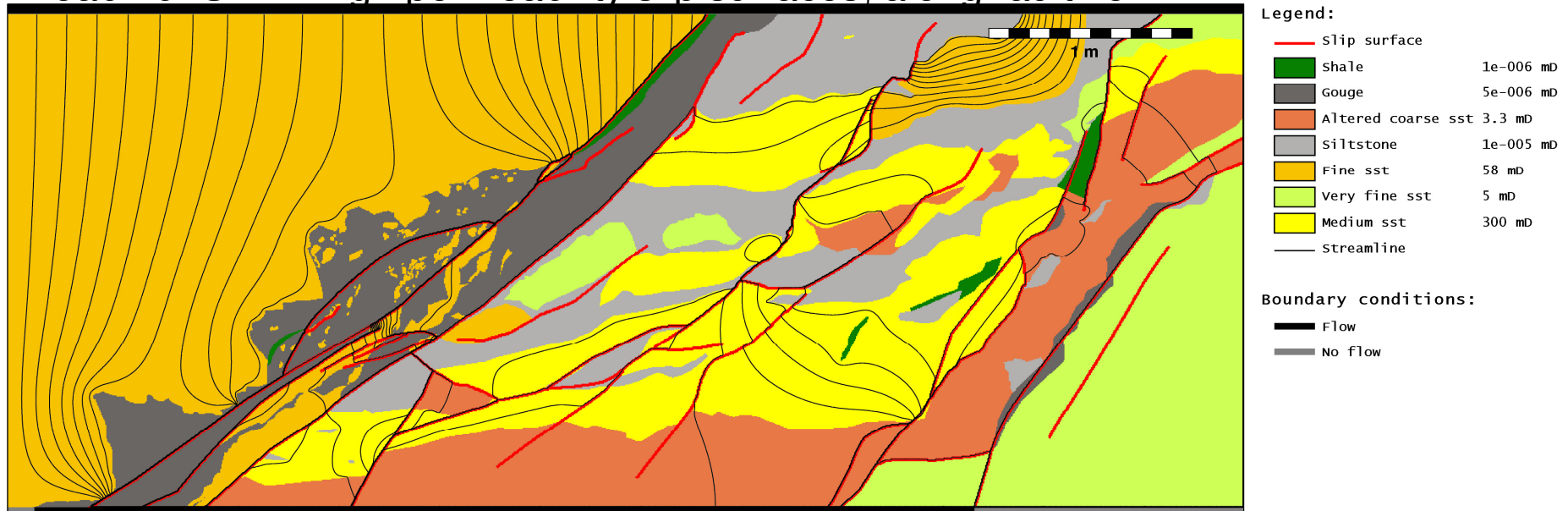
## Moab 191NW 8. Calibrated slip surfaces, along-fault flow



## Moab 191SE 1. High permeability slip surfaces, across-fault flow

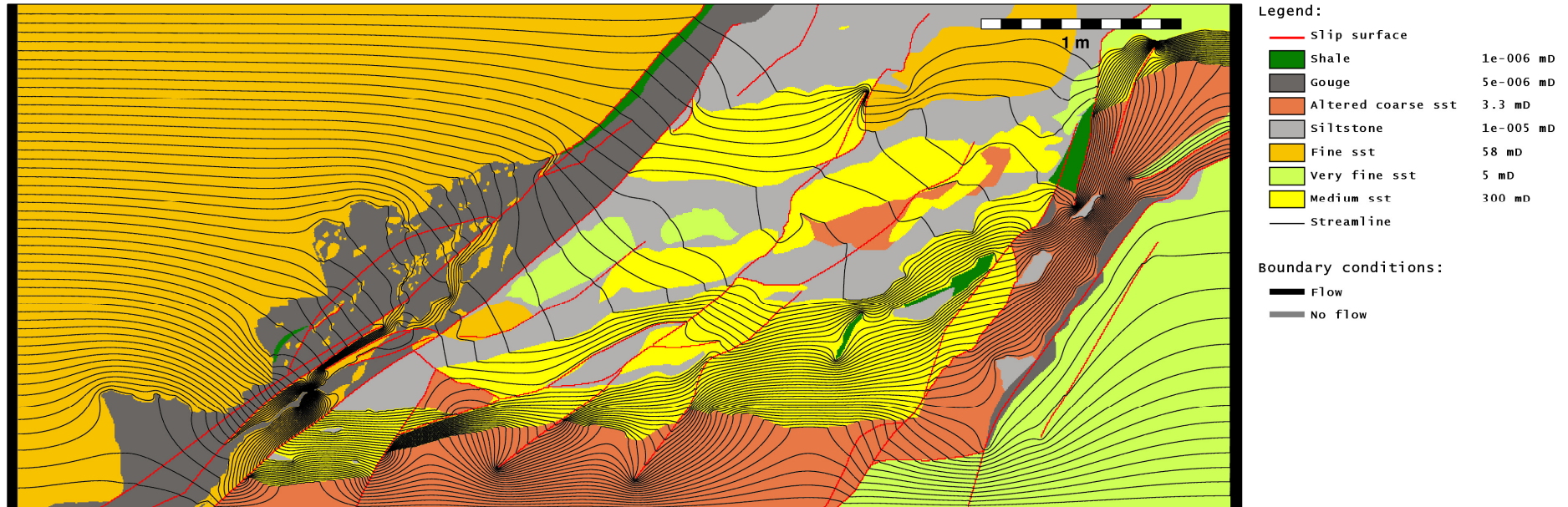


## Moab 191SE 2. High permeability slip surfaces, along-fault flow

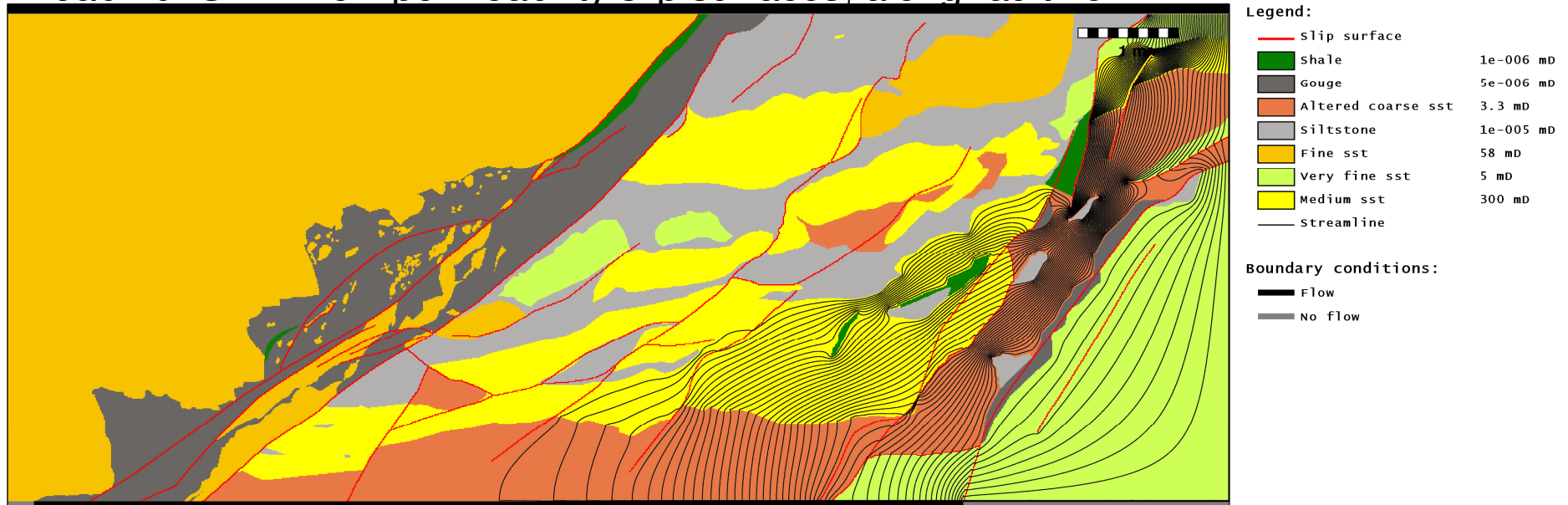




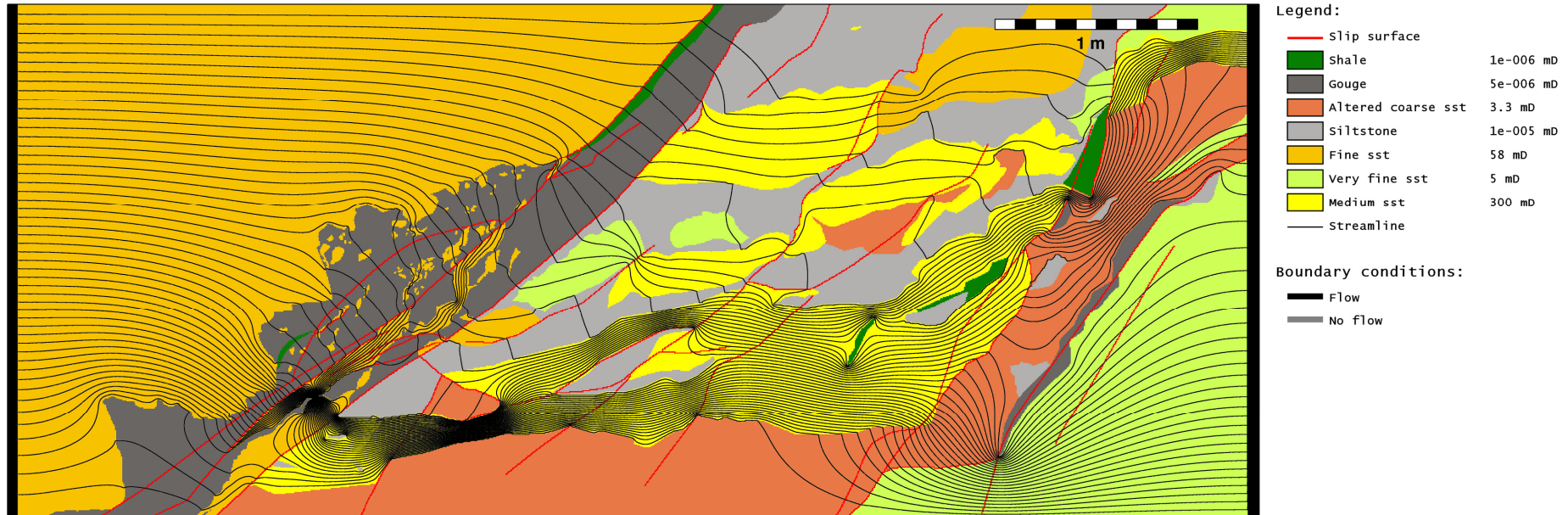
### Moab 191SE 3. Low permeability slip surfaces, across-fault flow



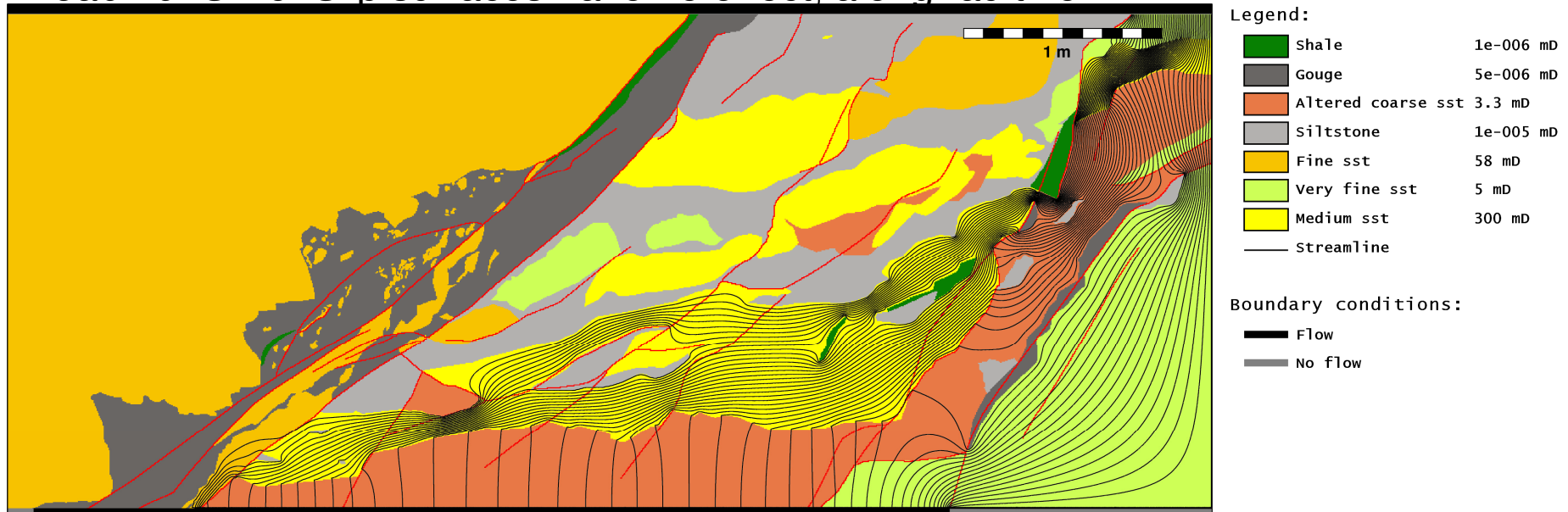
### Moab 191SE 4. Low permeability slip surfaces, along-fault flow



## Moab 191SE 5. Slip surfaces have no effect, across-fault flow

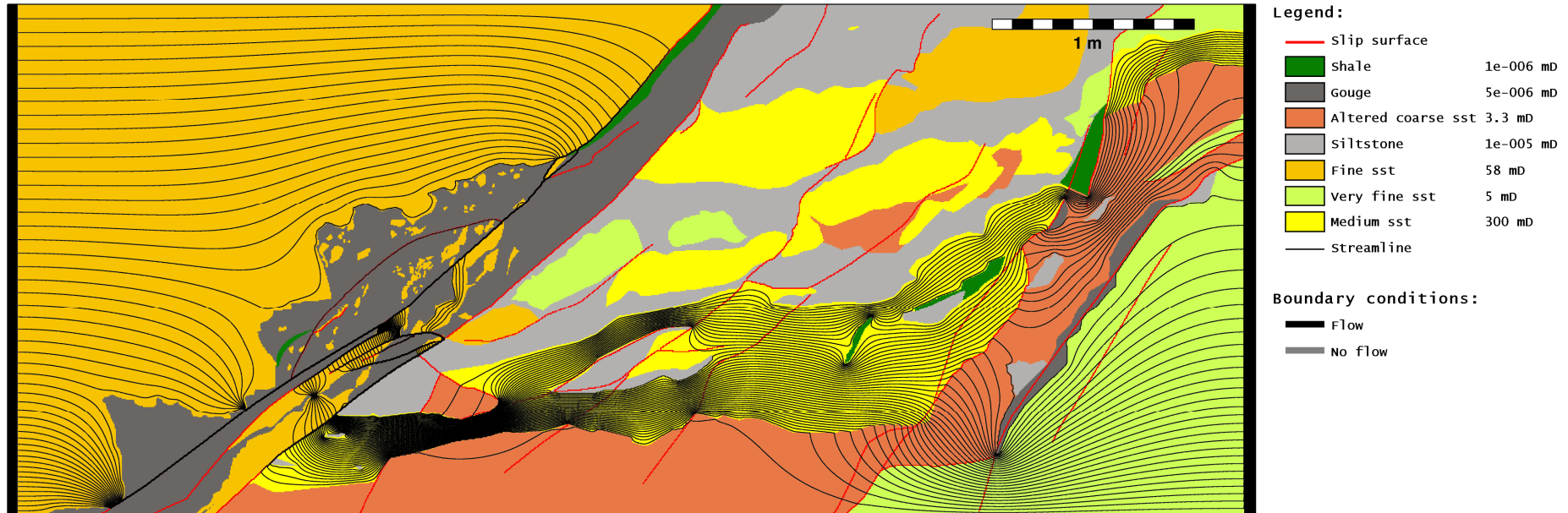


## Moab 191SE 6. Slip surfaces have no effect, along-fault flow

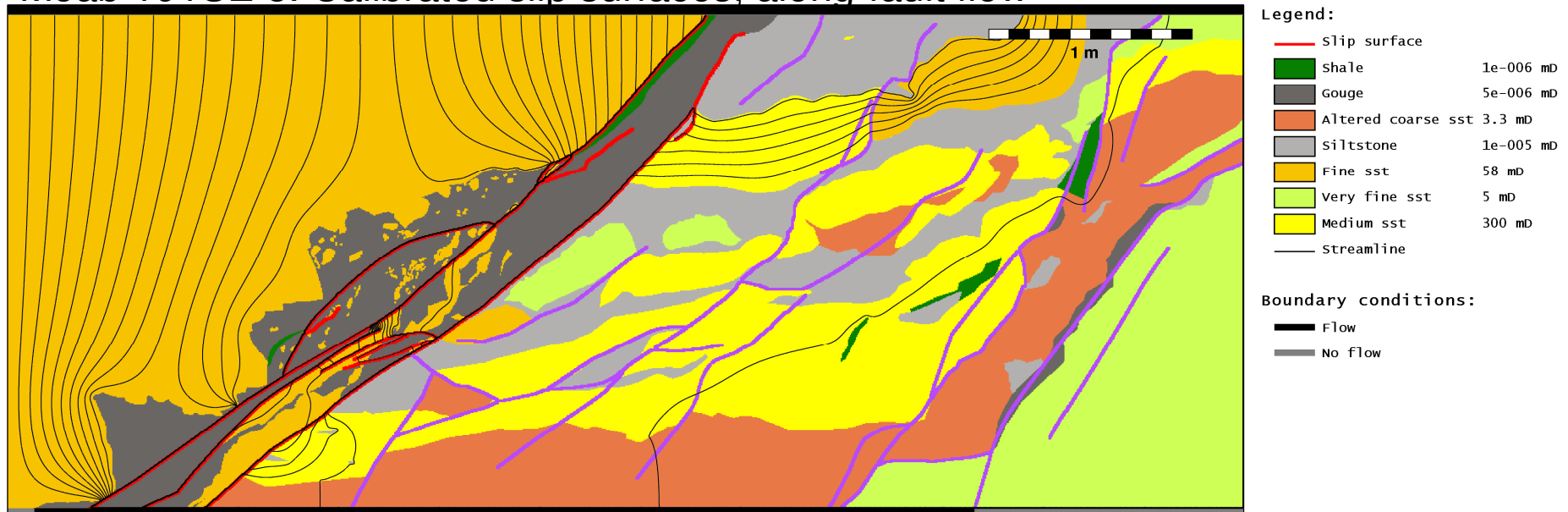




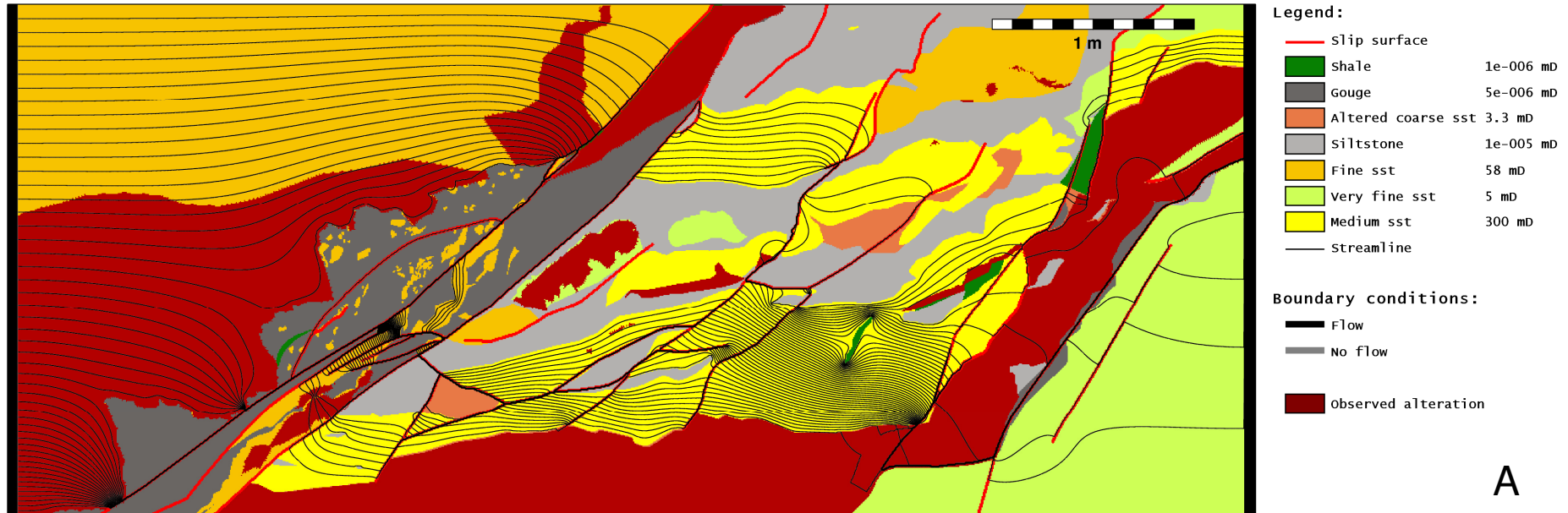
## Moab 191SE 7. Calibrated slip surfaces, across-fault flow



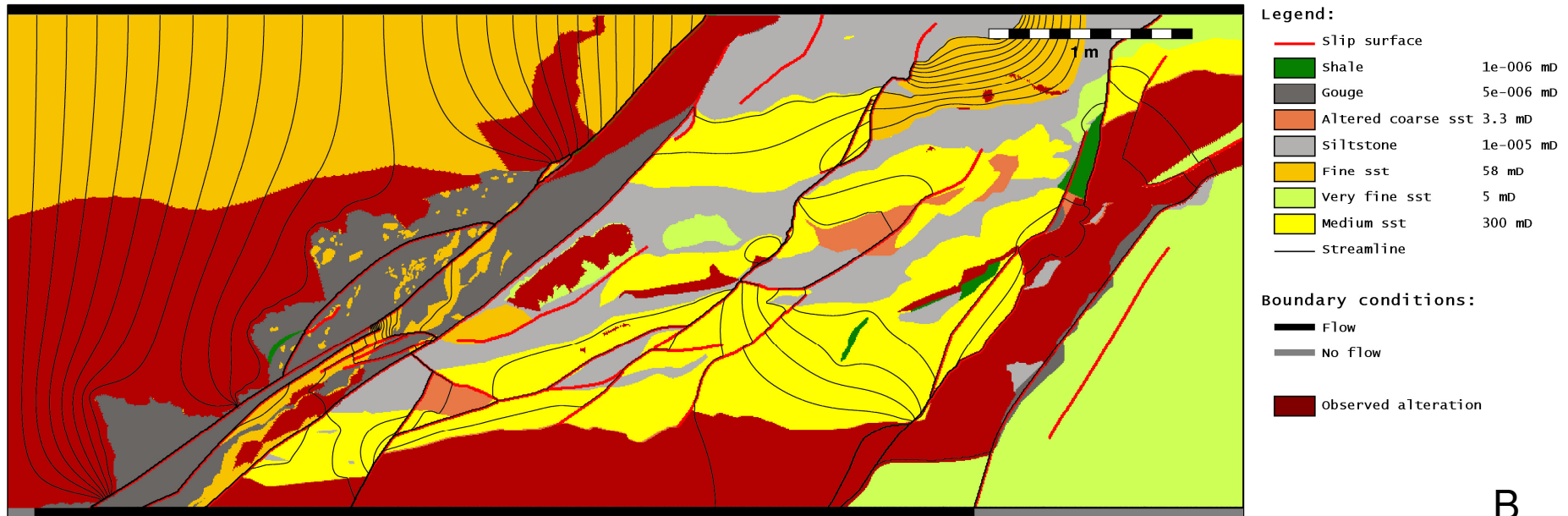
## Moab 191SE 8. Calibrated slip surfaces, along-fault flow



## Moab 191SE 1. High permeability slip surfaces, across-fault flow

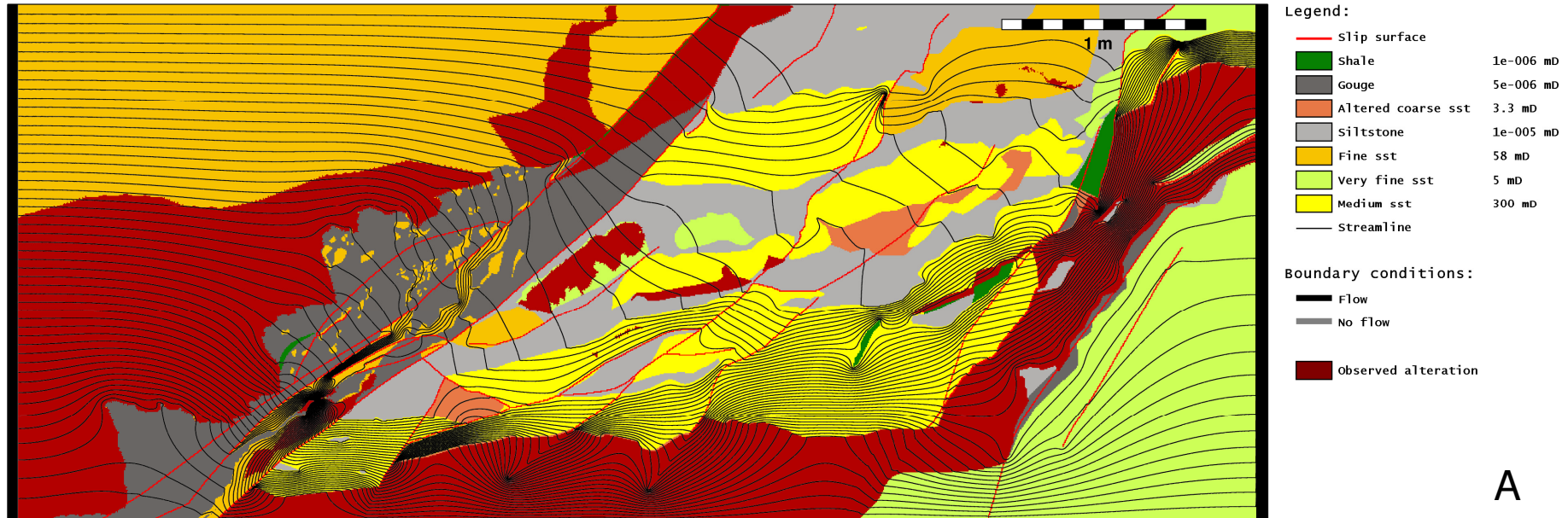


## Moab 191SE 2. High permeability slip surfaces, along-fault flow

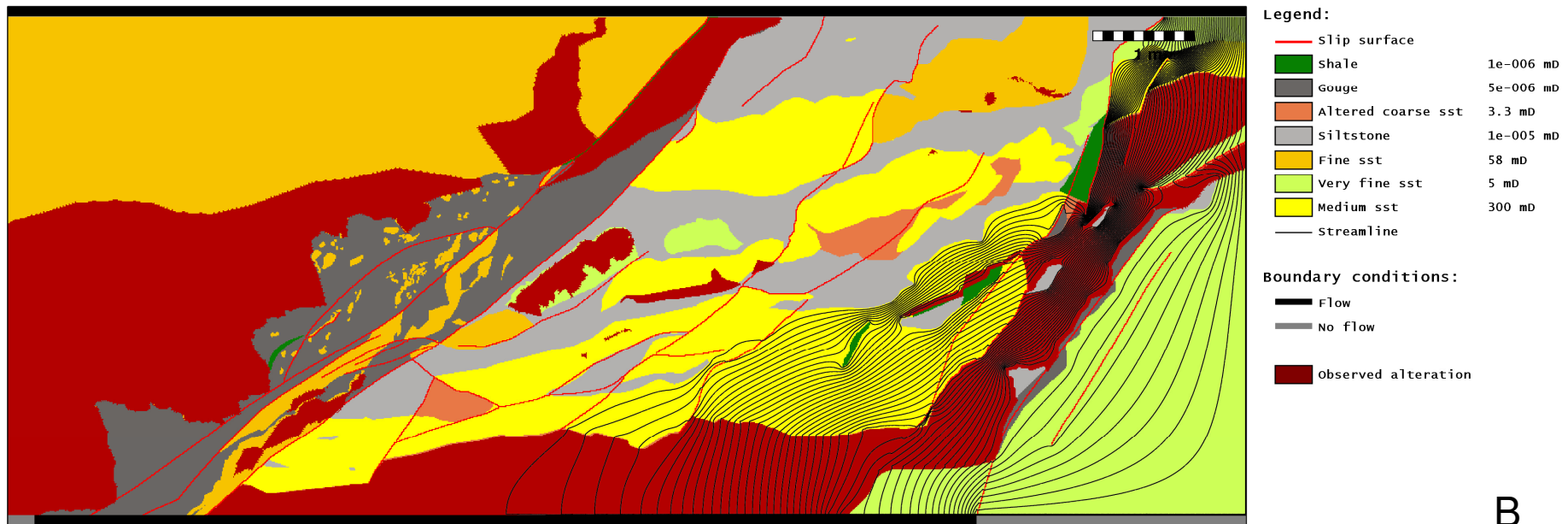




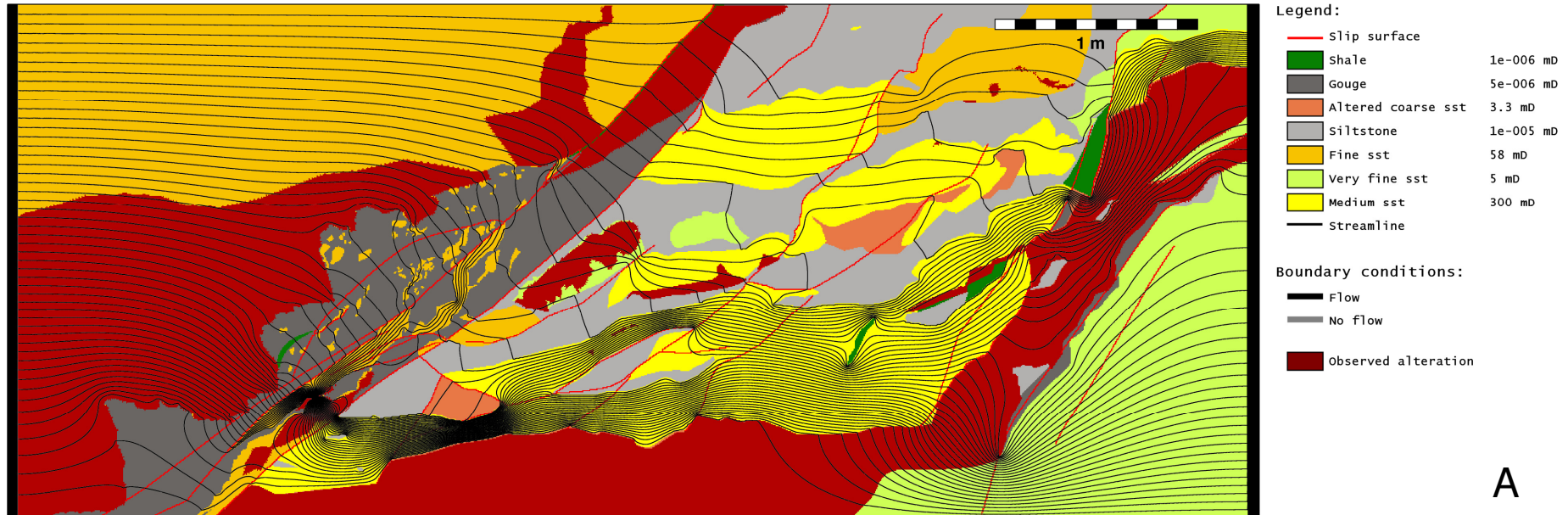
### Moab 191SE 3. Low permeability slip surfaces, across-fault flow



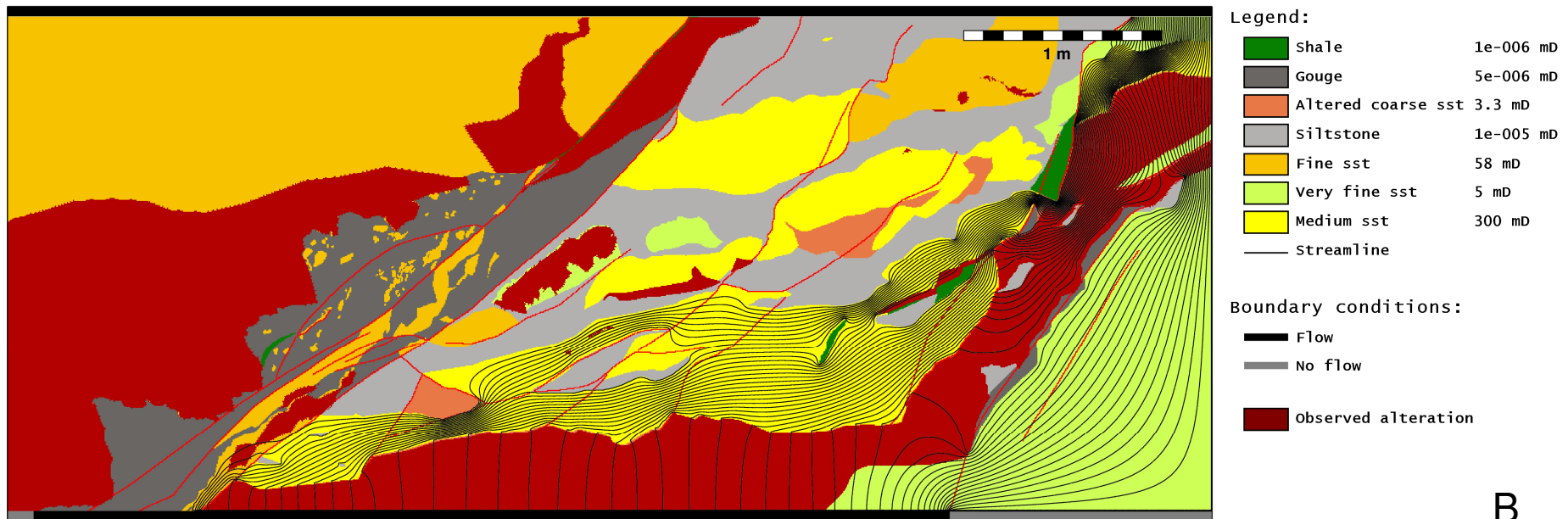
### Moab 191SE 4. Low permeability slip surfaces, along-fault flow



## Moab 191SE 5. Slip surfaces have no effect, across-fault flow

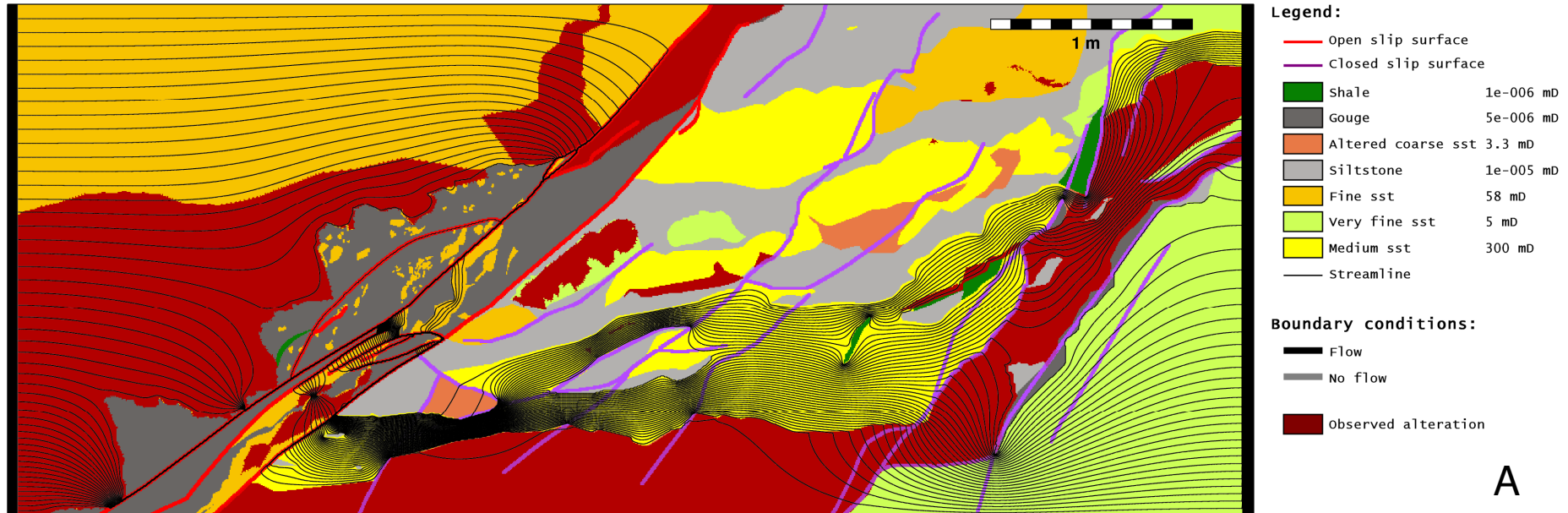


## Moab 191SE 6. Slip surfaces have no effect, along-fault flow

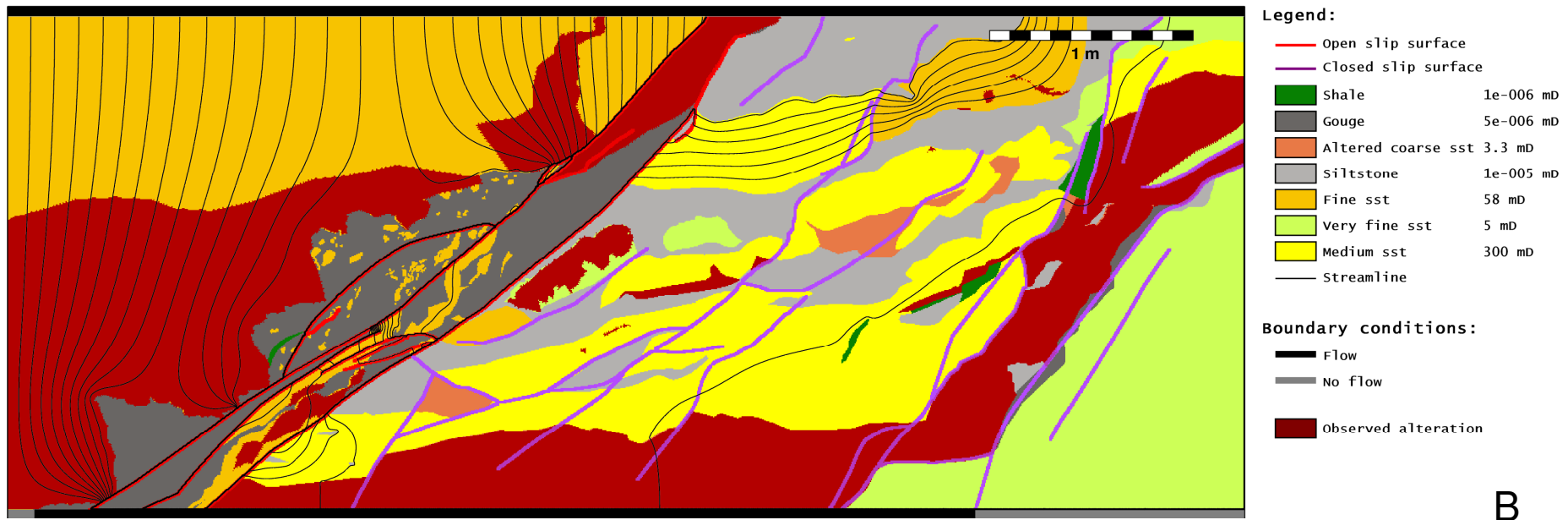




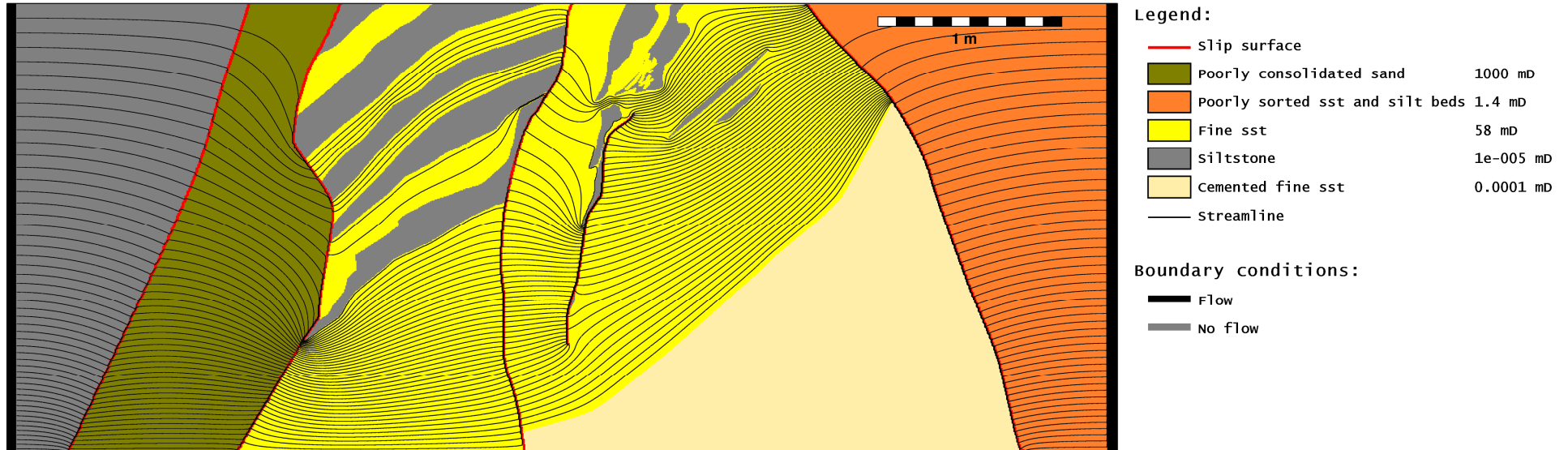
## Moab 191SE 7. Calibrated slip surfaces, across-fault flow



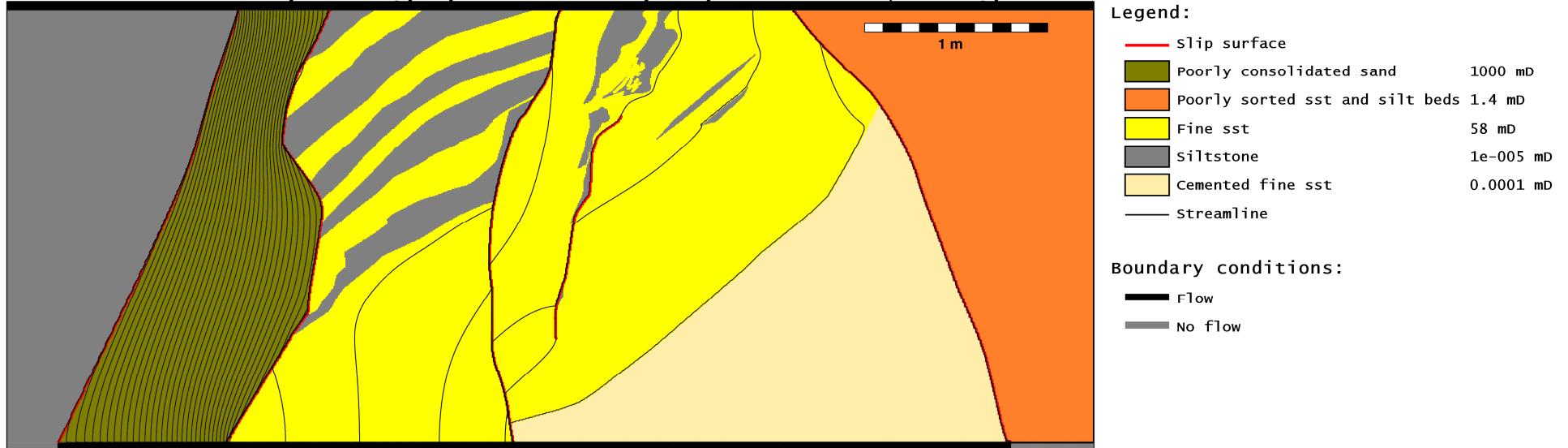
## Moab 191SE 8. Calibrated slip surfaces, along-fault flow



## Professor Valley 1. High permeability slip surfaces, across-fault flow

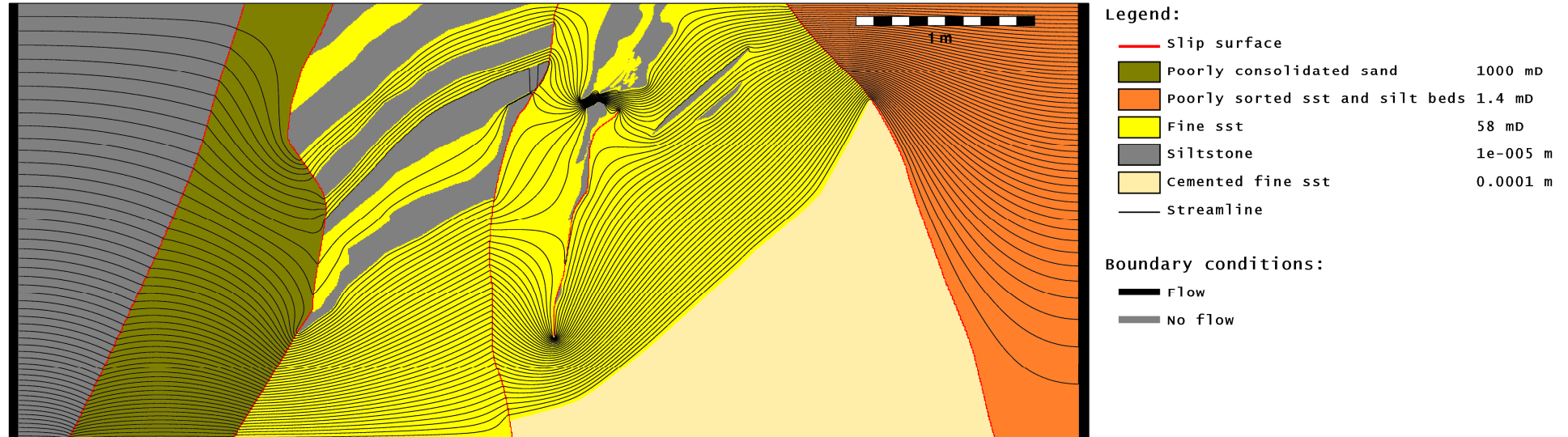


## Professor Valley 2. High permeability slip surfaces, along-fault flow

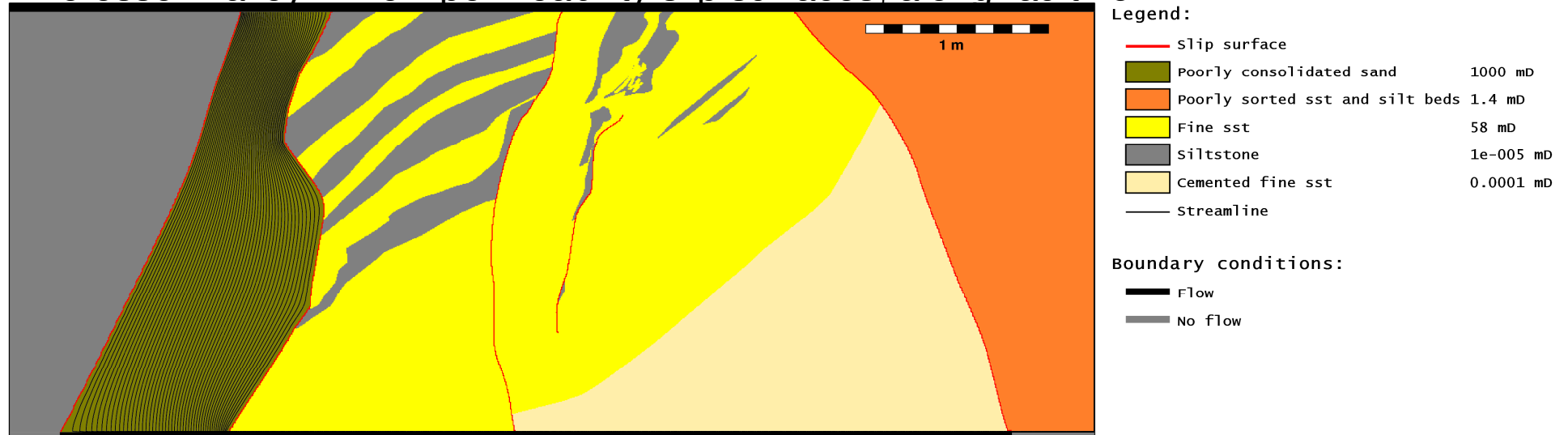




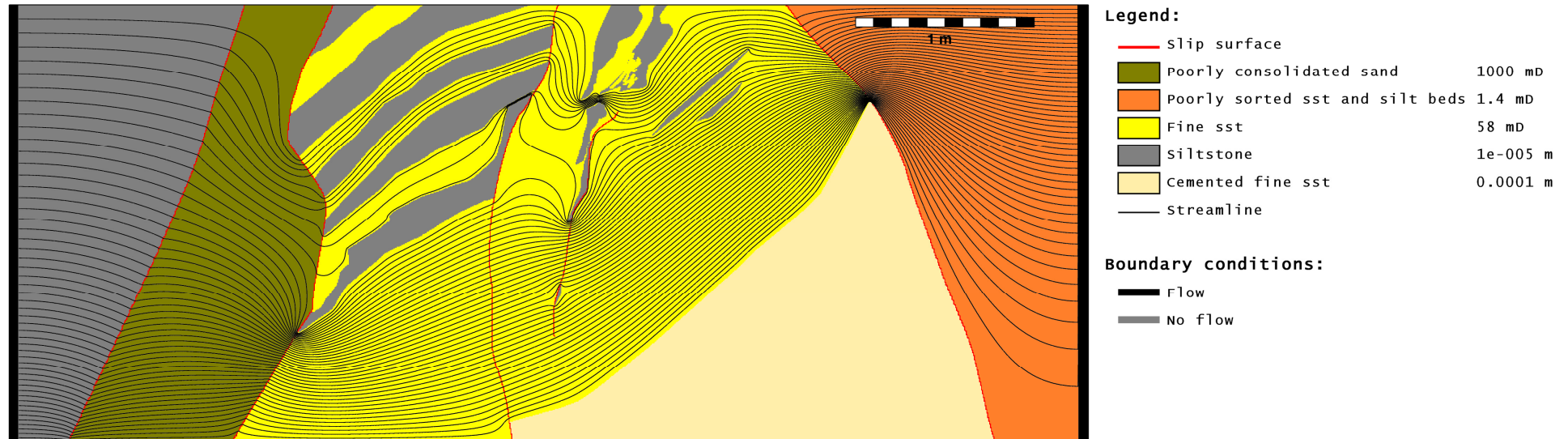
## Professor Valley 3. Low permeability slip surfaces, across-fault flow



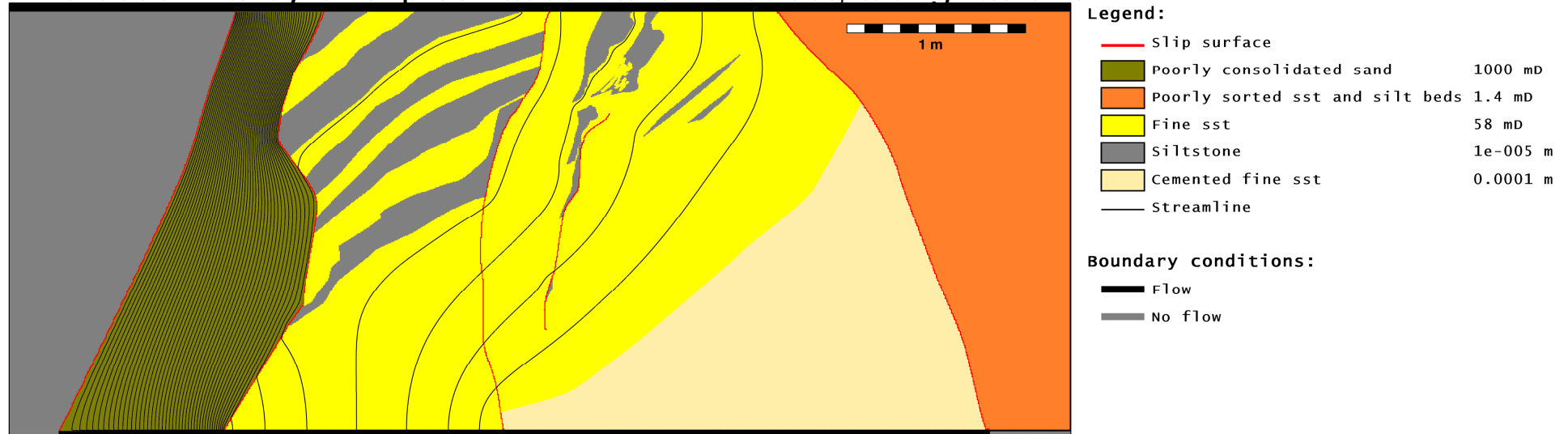
## Professor Valley 4. Low permeability slip surfaces, along-fault flow



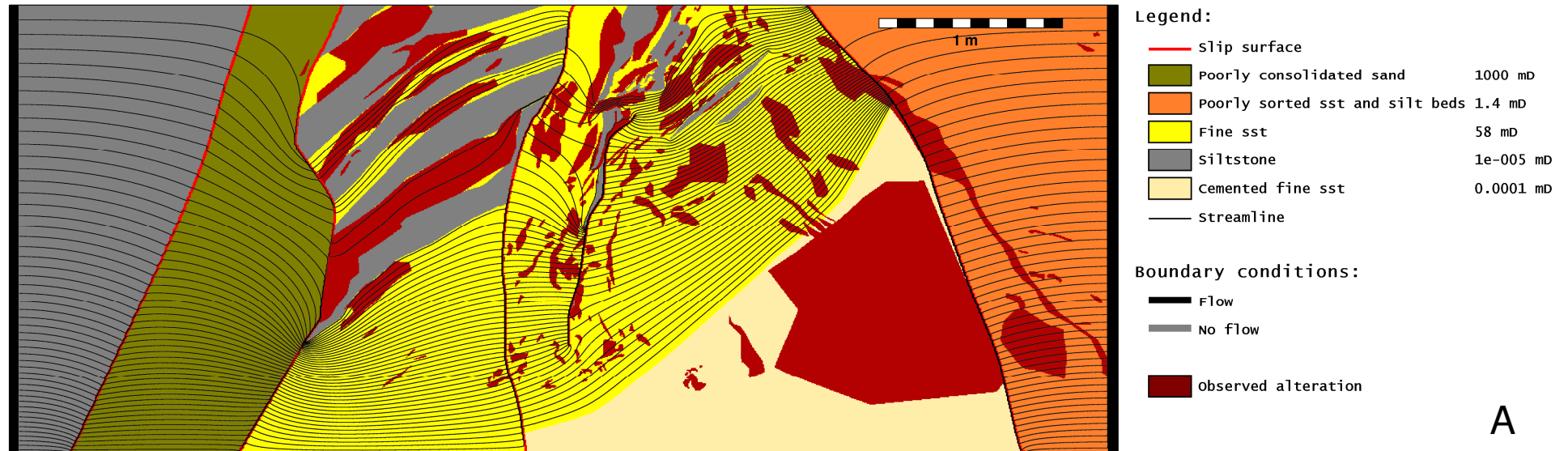
## Professor Valley 5. Slip surfaces have no effect, across-fault flow



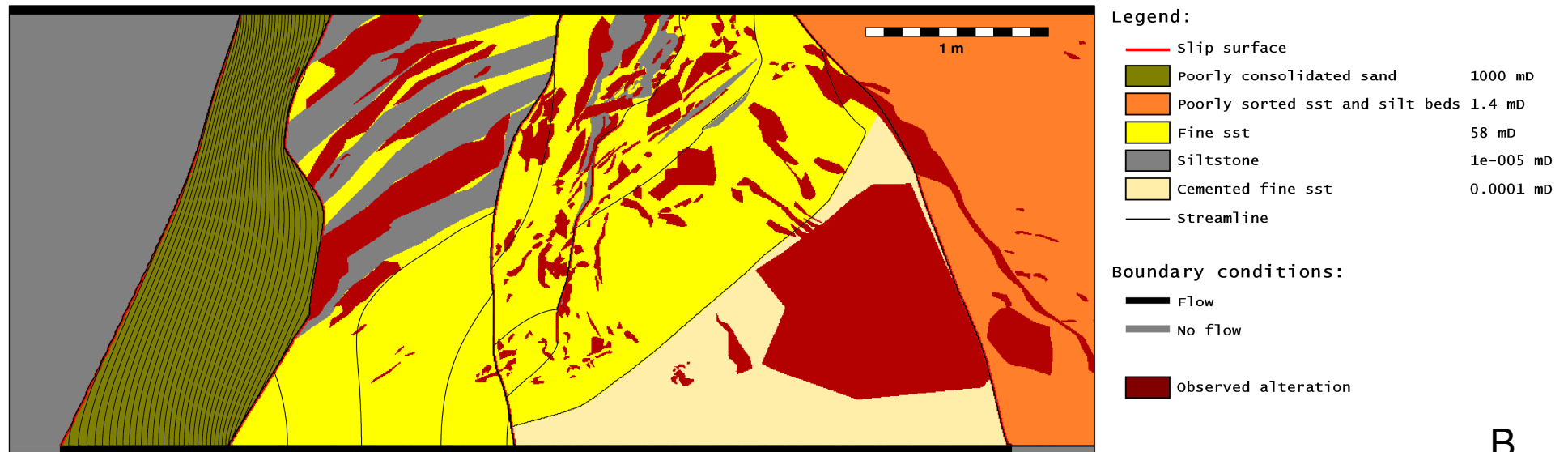
## Professor Valley 6. Slip surfaces have no effect, along-fault flow



## Professor Valley 1. High permeability slip surfaces, across-fault flow

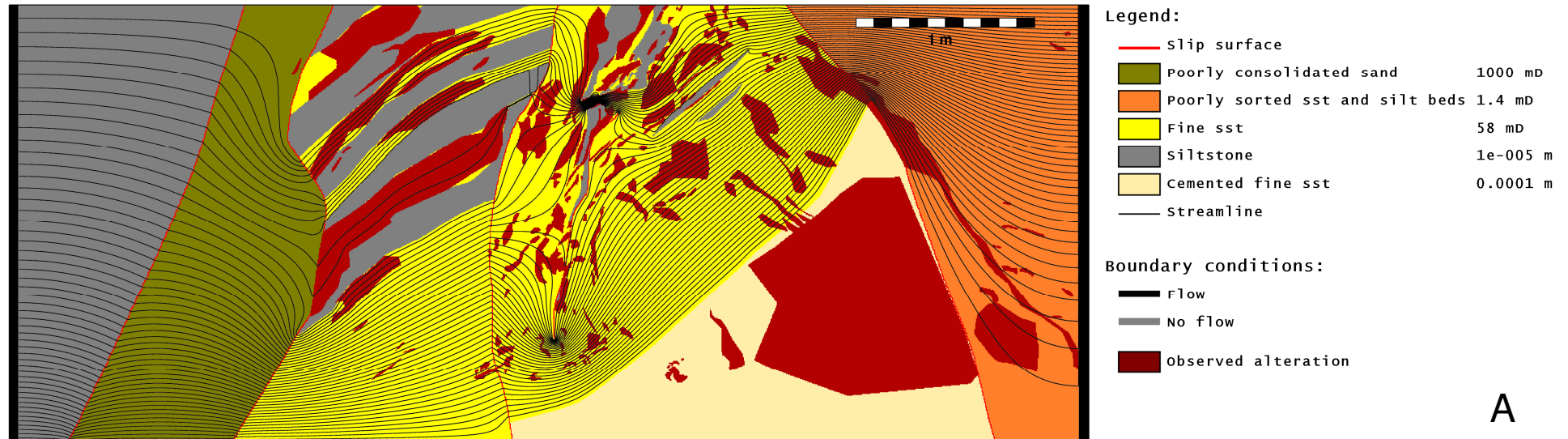


## Professor Valley 2. High permeability slip surfaces, along-fault flow

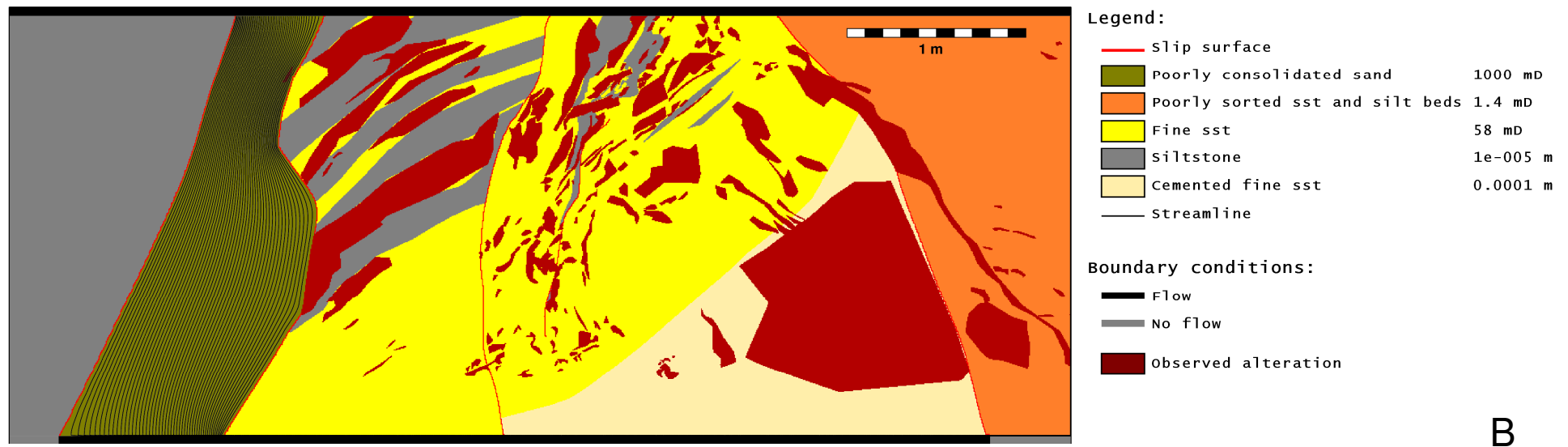




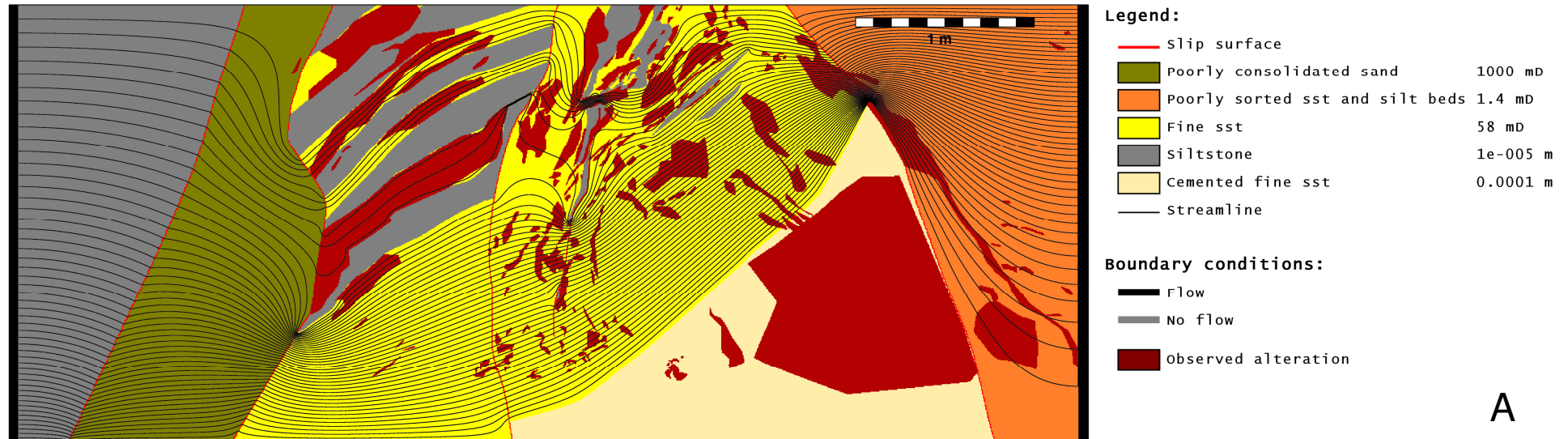
## Professor Valley 3. Low permeability slip surfaces, across-fault flow



## Professor Valley 4. Low permeability slip surfaces, along-fault flow



## Professor Valley 5. Slip surfaces have no effect, across-fault flow



## Professor Valley 6. Slip surfaces have no effect, along-fault flow

