Layer 1
Layer 2
Layer 3
Layer z

Facies 0 ≈ flood plain
Facies 1 ≈ meandering river
Facies 2 ≈ crevasse splay

Parameters:
- List of facies to sample
- Sampling rate per facies
- Number of successive layers using the sampling approach

Empty cells
Simulated cells
Sampled cells
Hard data

(a) (b) (c)

Transition matrix