Project: Example Model
Description: Example Model
Model Name: Example Model
Model Type: Plane Strain
Analysis Type: Staged Construction
Time Dependent: Consolidation
Solver Type: Direct
Element Type: 6 Node Triangle
Number of Elements: 1000
Number of Nodes: 2000
Number of Stages: 10
Number of Steps: 100
Total Time: 1000 day
Time Step: 10 day
Gravity: 10 m/s²
Water Weight: 10 kN/m³
Unit System: SI
Length: m
Force: kN
Time: day
Stress: kN/m²
Pressure: kN/m²
Strength: kN/m²
Modulus: kN/m²
Density: kg/m³
Permeability: m/day
Coefficient of Consolidation: m²/day
Coefficient of Volume Change: m²/kN
Coefficient of Permeability: m/day
Coefficient of Compressibility: m²/kN
Coefficient of Secondary Compression: 1/day
Coefficient of Thermal Expansion: 1/°C
Coefficient of Thermal Conductivity: kW/m°C
Coefficient of Thermal Capacity: kJ/m³°C