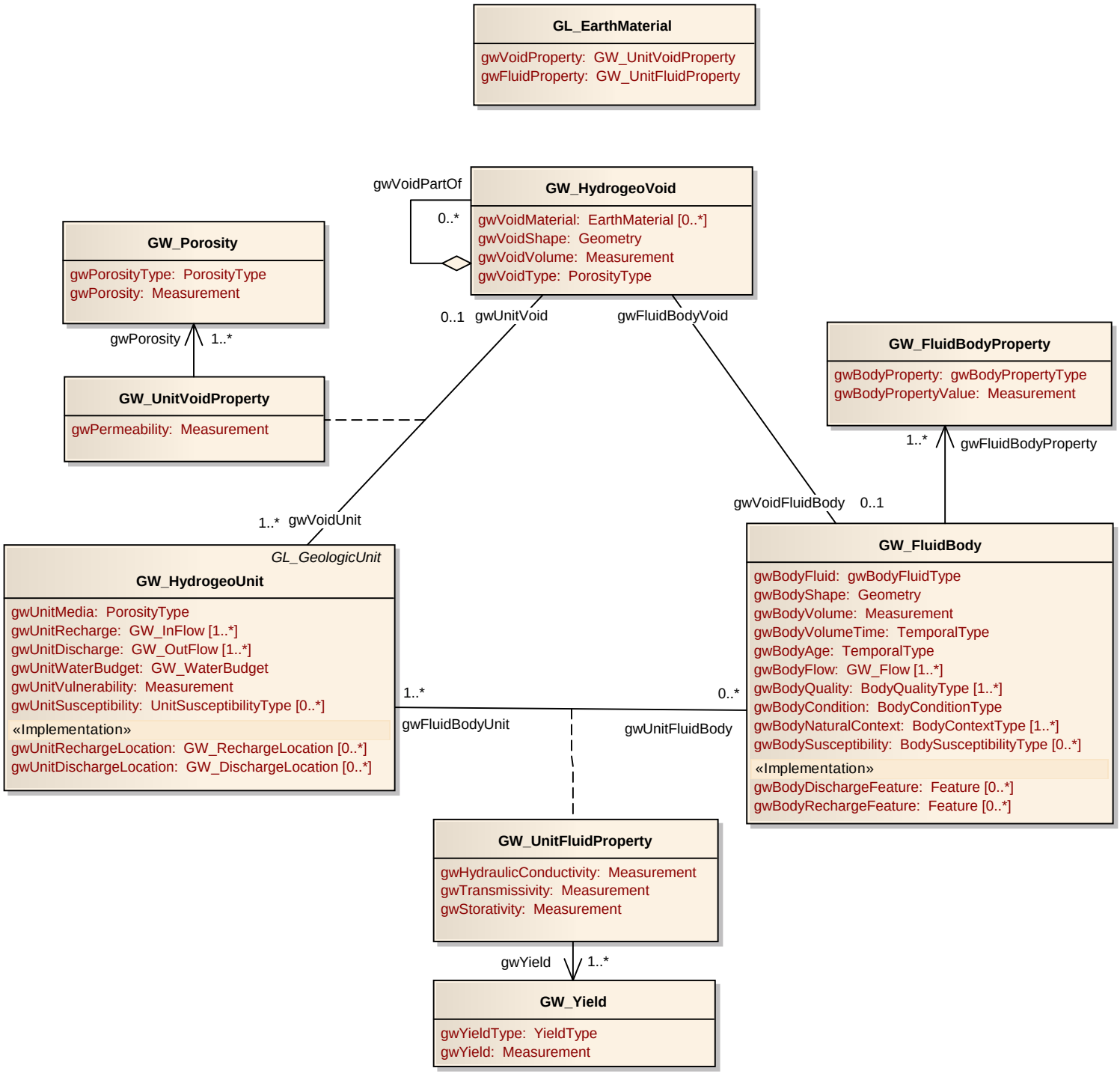
GL_EarthMaterial
gwVoidProperty: GW_UnitVoidProperty
gwFluidProperty: GW_UnitFluidProperty
gwVoidPartOf
0..*
GW_HydrogeoVoid
gwVoidMaterial: EarthMaterial [0..*]
gwVoidShape: Geometry
gwVoidVolume: Measurement
gwVoidType: PorosityType
GW_Porosity
gwPorosityType: PorosityType
gwPorosity: Measurement
gwPorosity
1..*
0..1
gwUnitVoid
gwFluidBodyVoid
GW_UnitVoidProperty
gwPermeability: Measurement
GW_FluidBodyProperty
gwBodyProperty: gwBodyPropertyType
gwBodyPropertyValue: Measurement
1..*
gwFluidBodyProperty
gwVoidFluidBody
0..1
1..*
gwVoidUnit
GL_GeologicUnit
GW_HydrogeoUnit
gwUnitMedia: PorosityType
gwUnitRecharge: GW_InFlow [1..*]
gwUnitDischarge: GW_OutFlow [1..*]
gwUnitWaterBudget: GW_WaterBudget
gwUnitVulnerability: Measurement
gwUnitSusceptibility: UnitSusceptibilityType [0..*]
«Implementation»
gwUnitRechargeLocation: GW_RechargeLocation [0..*]
gwUnitDischargeLocation: GW_DischargeLocation [0..*]
GW_FluidBody
gwBodyFluid: gwBodyFluidType
gwBodyShape: Geometry
gwBodyVolume: Measurement
gwBodyVolumeTime: TemporalType
gwBodyAge: TemporalType
gwBodyFlow: GW_Flow [1..*]
gwBodyQuality: BodyQualityType [1..*]
gwBodyCondition: BodyConditionType
gwBodyNaturalContext: BodyContextType [1..*]
gwBodySusceptibility: BodySusceptibilityType [0..*]
«Implementation»
gwBodyDischargeFeature: Feature [0..*]
gwBodyRechargeFeature: Feature [0..*]
1..*
0..*
gwFluidBodyUnit
gwUnitFluidBody
GW_UnitFluidProperty
gwHydraulicConductivity: Measurement
gwTransmissivity: Measurement
gwStorativity: Measurement
gwYield
1..*
GW_Yield
gwYieldType: YieldType
gwYield: Measurement