

HydroCube: an entity-relationship hydrogeological data model

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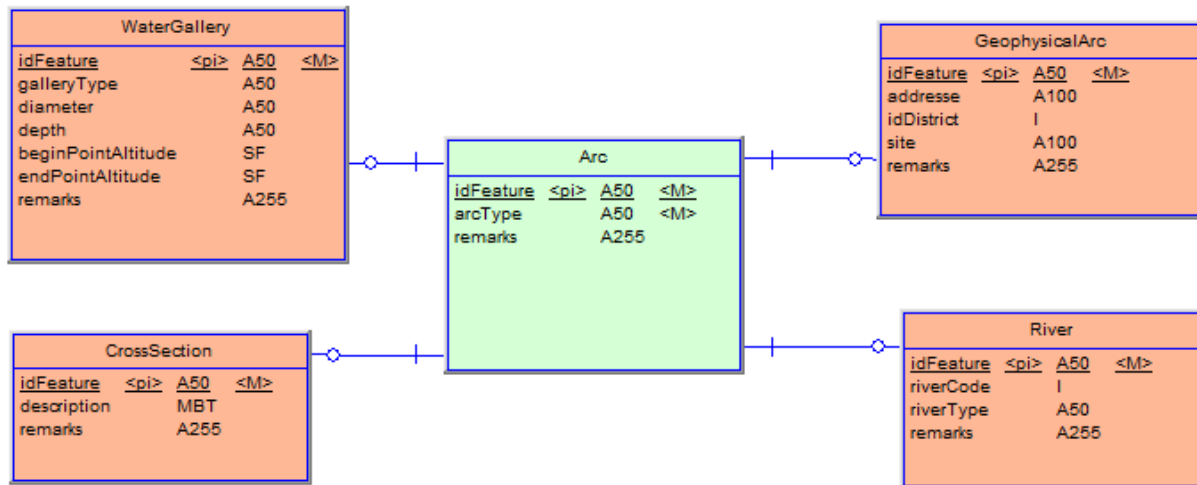


Figure ESM 1. Entity-relationship diagram of linear feature entities. Data types and symbols notation for all the figures: A(x): characters (number); I: Integer (can also be a primary identifier from a dictionary); F: float; SF: short float; DT: date and time; MBT: Multibyte; BL: Boolean; <pi>: primary identifier; <M>: mandatory value. Commas equate to decimal points.

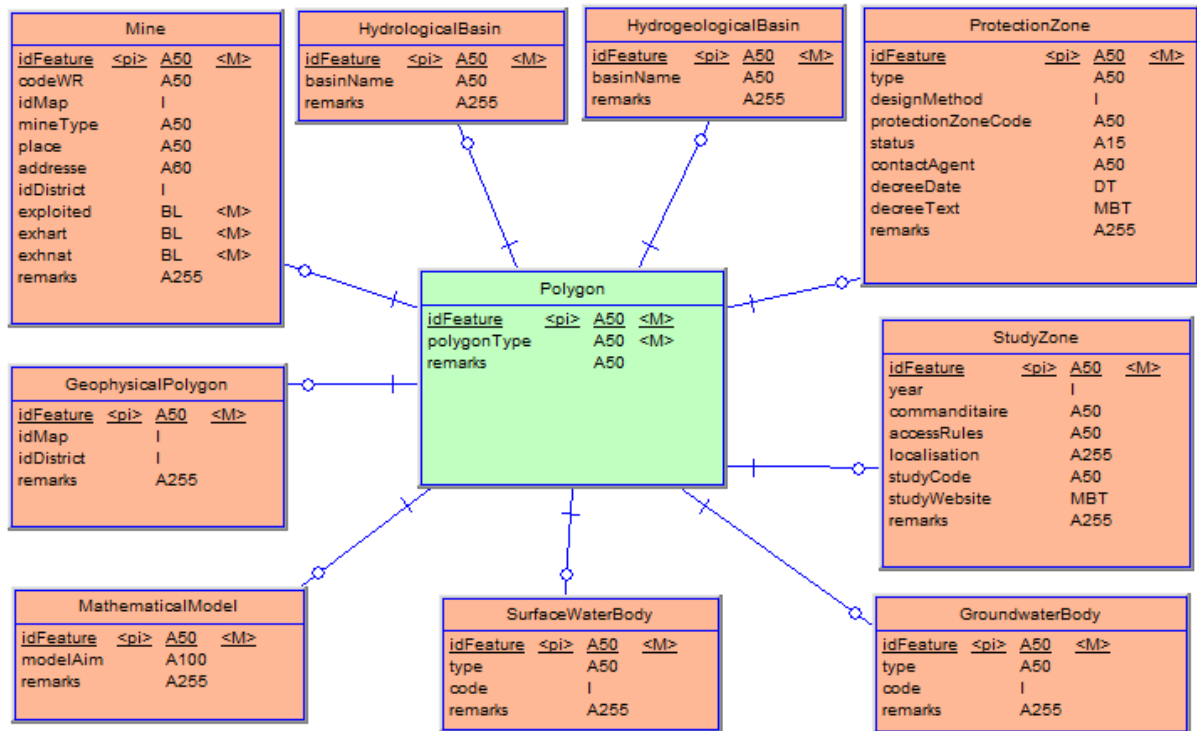


Figure ESM 2. Entity-relationship diagram of polygon feature entities.

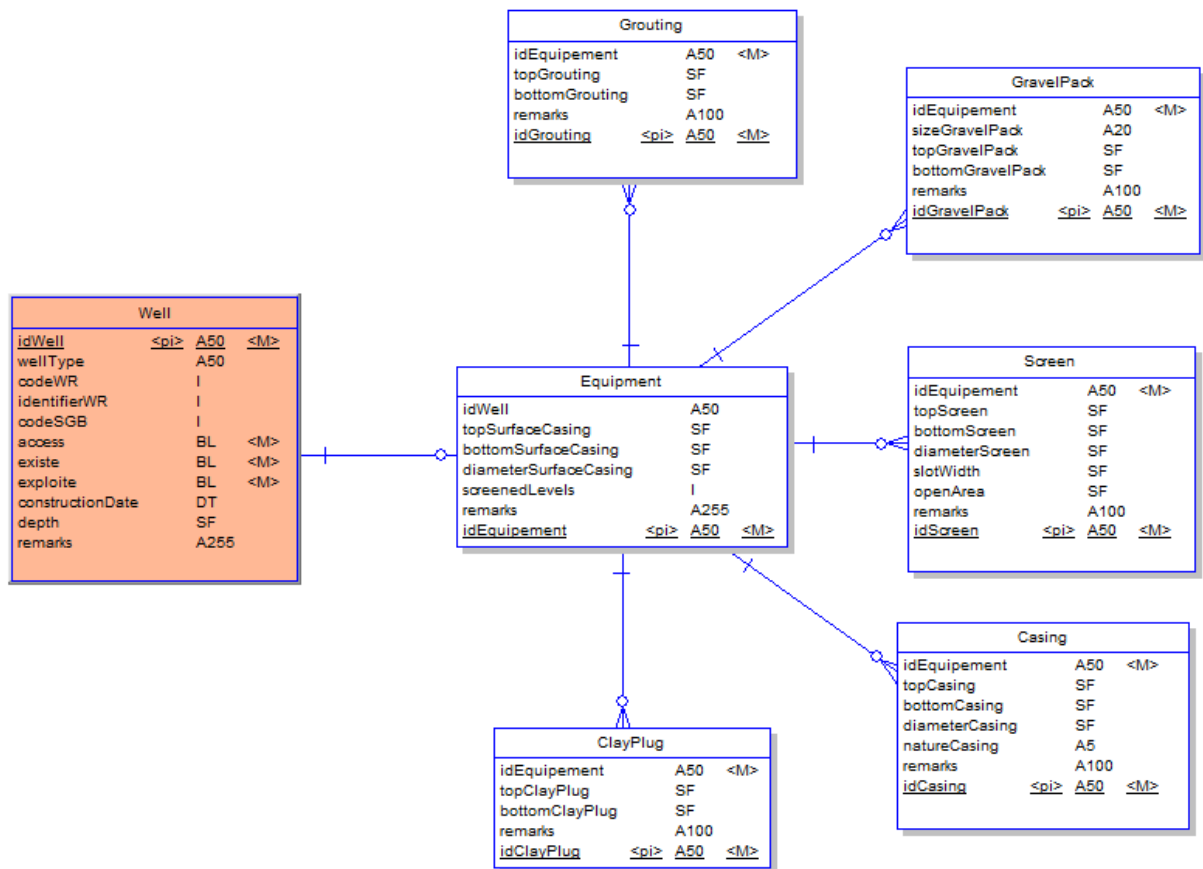


Figure ESM 3. Relationships between well and its equipment entities.

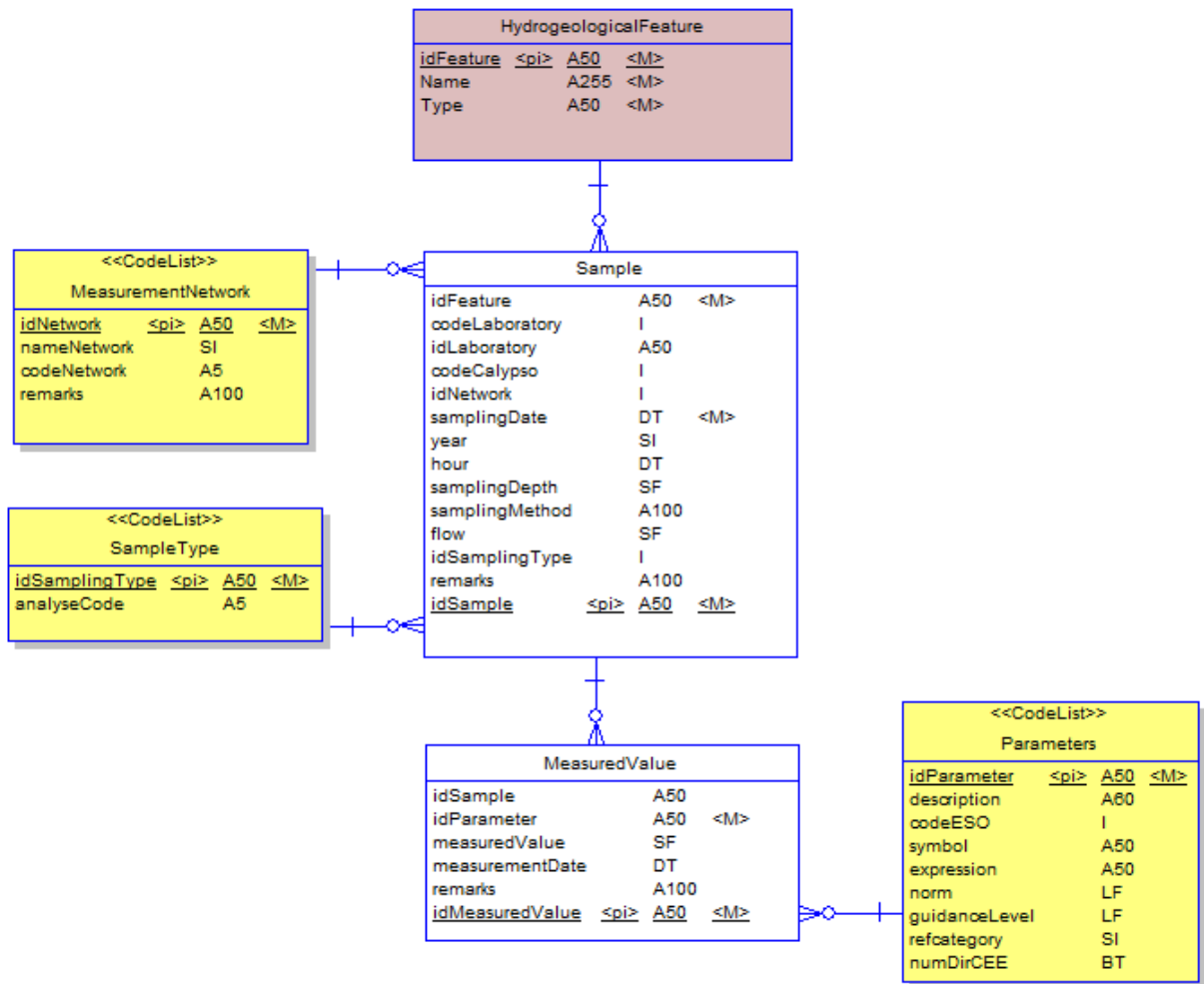


Figure ESM 4. Entity-relationship diagram for chemical analysis sub-model.

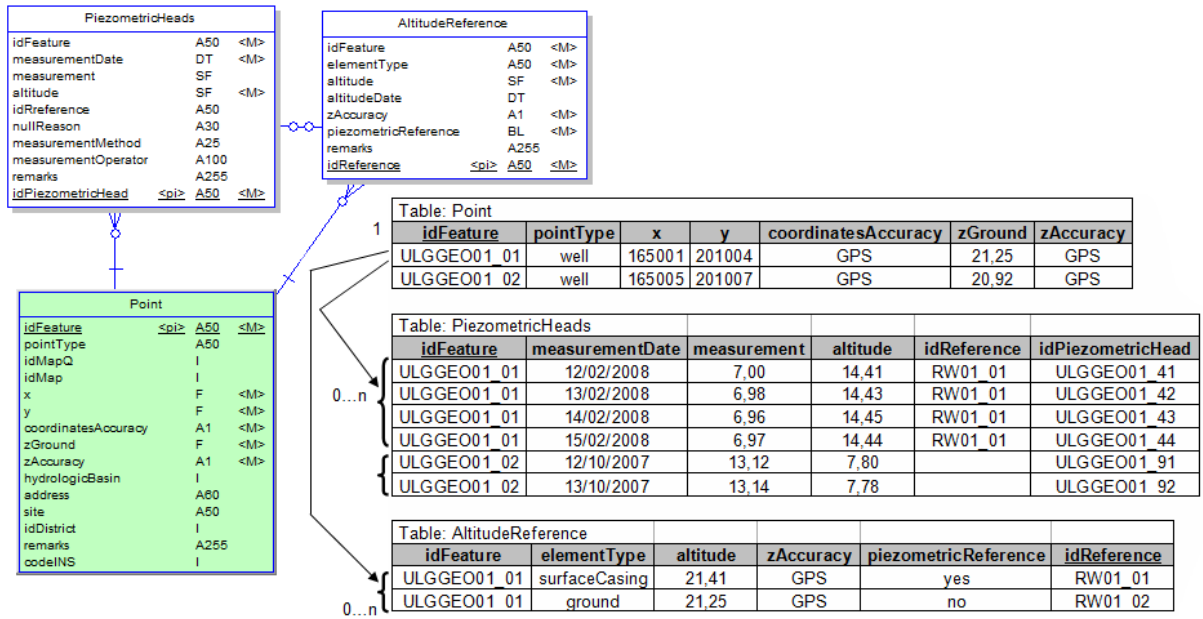


Figure ESM 5. Point entity with its piezometric head measurements and an example of implementation.