

Mine Waste Inventory Entity Relationship Diagram

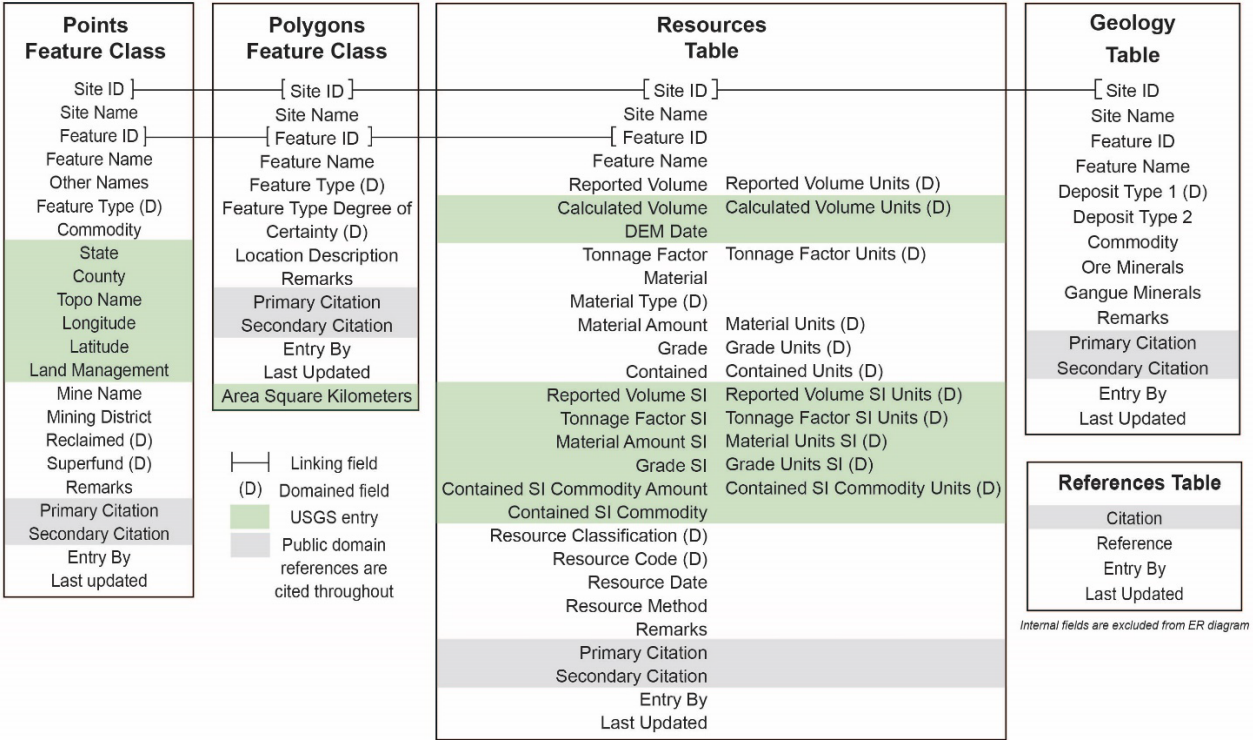


Figure 1. Entity relation diagram showing the structure of the mine waste database.

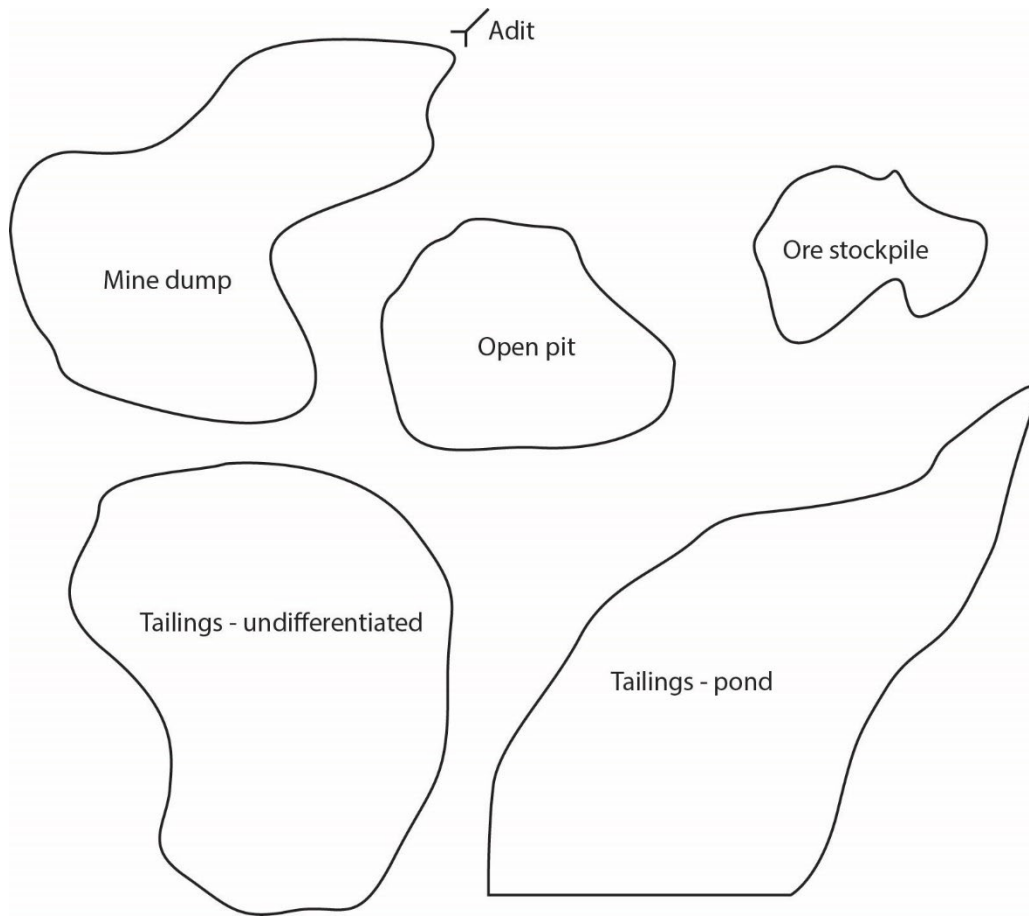


Figure 2. Schematic illustration, not to any scale, showing the relationships between a site and mine features. The site is the cluster of features. As drawn, the site contains six features: one adit, one mine dump, one open pit, one ore stockpile, one tailings – undifferentiated, and one tailings – pond. Only the four mine waste features (i.e., one mine dump, one ore stockpile, one tailings – undifferentiated, and one tailings – pond) would be entered into the mine waste database. Each of those features would have their own point and polygon feature class records, as well as their associated records in the reference and resources tables. If the geology in the open pit and underground workings is similar, the geology records can be populated at the site level, and only one record is needed that documents the geology for all four mine waste features.