

Attachment Priority 1 Figures 1 and 2

Waste Points	Waste Polygons	Waste Geology	Waste Resources	Waste References
Source ID	Source ID	Source ID	Source ID	Citation
Site ID*	Site ID*	Site ID*	Site ID*	Reference
Site Name	Site Name	Site Name	Site Name	State
Feature ID*	Feature ID*	Feature ID	Feature ID*	Status (D)
Feature Name	Feature Name	Feature Name	Feature Name	Entry By
Other Names	Feature Type (D)	Deposit Type (D)	Reported Volume	Entry Date
Feature Type (D)	Location Description	Deposit Type Citation	Reported Volume Units (D)	Entry Notes
Commodity	Citation	Deposit Type Details	Reported Volume Remarks	Update By
State	Citation Details	Deposit Type Remarks	Calculated Volume	Update Date
County	Remarks	Commodity	Calculated Volume Units (D)	Update Notes
Topo Name	Entry By	Ore Minerals	Calculated Volume Remarks	Review Request (D)
Longitude	Entry Date	Gangue Minerals	Tonnage Factor	Request Notes
Latitude	Entry Notes	Citation	Tonnage Factor Units (D)	Reviewer
Location Description	Update By	Remarks	Material	Review Date
Land Ownership 1	Update Date	Entry By	Material Type (D)	Review Notes
Land Ownership 2	Update Notes	Entry Date	Material Amount	
Mining District	Review Request (D)	Entry Notes	Material Units (D)	
Mine Name	Request Notes	Update By	Grade	
Remediation Status (D)	Reviewer	Update Date	Grade Units (D)	
Related Database	Review Date	Update Notes	Contained	
Citation	Review Notes	Review Request (D)	Contained Units (D)	
Citation Details	Area Square Kilometers	Request Notes	Tonnage Factor SI	
Remarks		Reviewer	Tonnage Factor SI Units (D)	
Status (D)	Explanation	Review Date	Material Amount SI	
Active (D)	* Linking field	Review Notes	Material Units SI (D)	
Entry By	(D) Domained Field		Grade SI	
Entry Date			Grade Units SI (D)	
Entry Notes			Contained SI Commodity Amount	
Update By	Planned for USGS entry		Contained SI Commodity Units (D)	
Update Date	Internal fields		Contained SI Commodity	
Update Notes			Contained Commodity Source	
Review Request (D)			Citation	
Request Notes			Citation Details	
Reviewer			Remarks	
Review Date			Entry By	
Review Notes			Entry Date	
			Entry Notes	
			Update By	
			Update Date	
			Update Notes	
			Review Request (D)	
			Request Notes	
			Reviewer	
			Review Date	
			Review Notes	

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

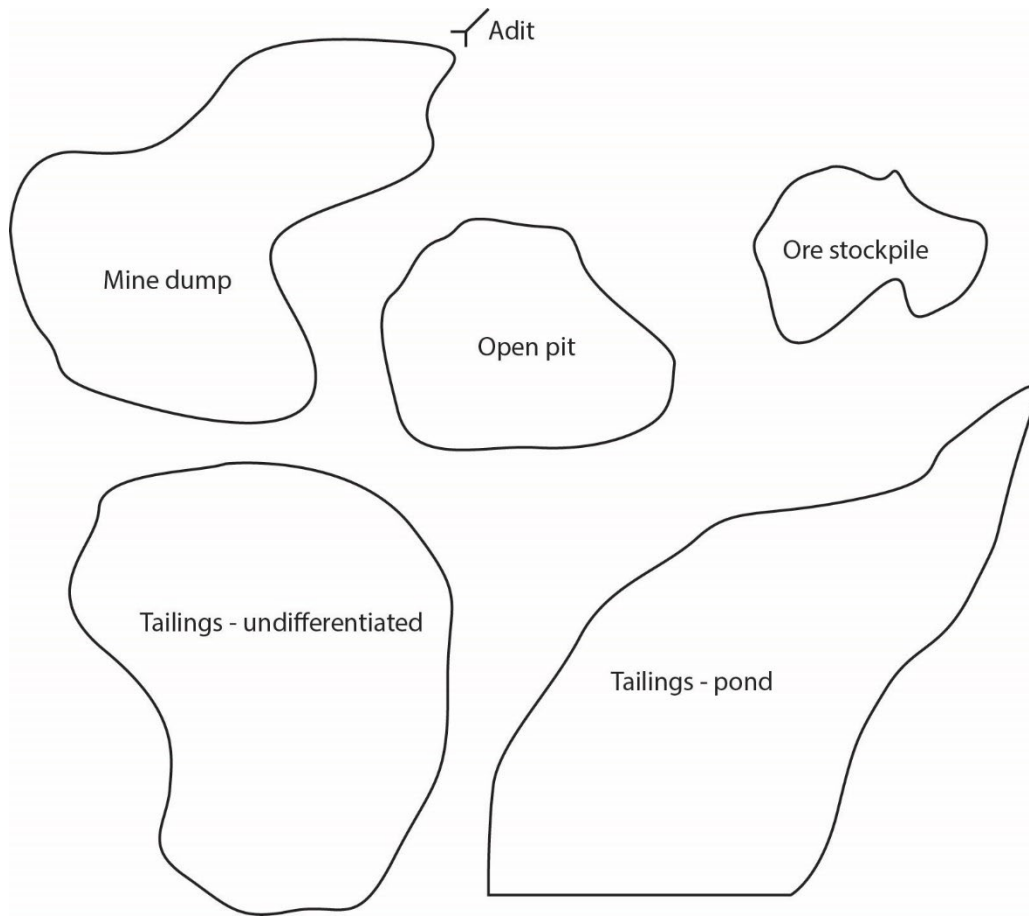


Figure 2. Schematic illustration, not to any scale, showing the relationships between a site and mine features. The site is the cluster of features. As drawn, the site contains six features: one adit, one mine dump, one open pit, one ore stockpile, one tailings – undifferentiated, and one tailings – 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.