Mine and Mine Map Database Essentials Panel II – Database Management Amy K. Gilmer Virginia Department of Mines, Minerals and Energy

Mine map database fields captured during cataloguing

Data Field Data Entry Method Brief Description			
Data Field	,	Brief Description	
Collection Name	Dropdown list	Tracks source of maps	
DMME ID	Automatically populated	Unique number used to identify maps	
Map ID	Text entry box	Generally mine license number	
Date of Mine Map	Text entry box	Date map was finalized	
Map Scale	Text entry box	Scale of map	
Company Name	Text entry box	Name of company that submitted the map	
Mine Name	Text entry box	Name of the mine for which the map was submitted	
Engineer	Text entry box	Certified engineer listed on map	
Map Type	Dropdown list	Lists type of map	
Map Quality	Dropdown list	Relative quality of the map	
Vault Location	Text entry box	Permanent location of original map	
Entry Date	Automatically populated	Date of map record creation	
Entry Initials	Automatically populated	Initials of worker who entered the map record	
Thickness Data	Checkbox	Indicates coal thickness information is available	
Elevation Data	Checkbox	Indicates elevation information is available	
Surface Mines	Checkbox	Indicates surface mines shown on map	
Adjacent Mines	Checkbox	Indicates adjacent mines shown on map	
Auger Mines	Checkbox	Indicates auger mines shown on map	
Coreholes Present	Checkbox	Indicates corehole information shown on map	
Gas Wells Present	Checkbox	Indicates gas wells shown on map	
Water	Checkbox	Indicates water is shown in a mine	
Roof Falls	Checkbox	Indicates a roof fall has occurred in mine	
Final Map	Checkbox	Indicates final map	
Drains	Checkbox	Indicates drains are shown	
Crop Line	Checkbox	Indicates crop line is shown	
Other Portals	Checkbox	Indicates other portals are shown	
VVHs	Checkbox	Indicates vertical ventilation holes are shown	
Comments	Text entry box	Place for specific comments about the map	
Company coal bed(s)	Text entry box	Coal bed name assigned by the company	
Standardized coal bed(s)	Dropdown list	DMME standardized assigned coal bed name	
Georeferenced	Checkbox	Indicates the map has been geographically placed	
Vectorized	Checkbox	Indicates the map has been digitized	
Georeferencing Method	Dropdown list	Method by which the map was placed	
State Plane Coordinates	Checkbox with text entry boxes	If map has state plane coordinates they are entered	
Lat/Long Point	Checkbox with text entry boxes	If map has latitude and longitude coordinates they are entered	
Company Coordinates	Checkbox	Indicates company grid or coordinates on map	
Scan Information	Text entry boxes	Information about the image and hyperlink to the image	
Quadrangle	Dropdown list	Quadrangle(s) of the map	
County	Dropdown list	County(s) of the map	
General Location	Dropdown list	Lists names of streams, rivers, towns, valleys, etc.	
Mines Shown	Text entry box	Lists all mines shown on the map	
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Mine database fields captured during cataloguing

Data Field	Data Entry Method	Brief Description
Mine ID	Text entry box	Generally mine license number
MSHA ID	Text entry box	Federal mine number
Mine Name	Text entry box	Name of mine
Company Name	Text entry box	Name of company
Operator	Text entry box	Name of individual operator
Lessor	Text entry box	Name of lessor if applicable
Company coal bed	Text entry box	Coal bed assigned by the company
Standardized coal bed	Text entry box	DMME standardized coal bed name
Mining Method	Dropdown list	Lists mining method used in mine
Mine Size	Dropdown list	Relative mine size
Roof Falls	Checkbox	Indicates roof falls shown for mine
Water	Checkbox	Indicates water shown in mine
Mine Drains	Checkbox	Indicates mine drains shown for mine
Comments	Text entry box	Place for specific comments about the mine
Entry Date	Automatically populated	Date of mine record creation
Entry Initials	Automatically populated	Initials of worker who entered the mine record
DMME ID digitized from	Text entry box	Indicates the map from which the mine was first
		digitized
Quadrangle	Dropdown list	Quadrangle(s) of the mine
County	Dropdown list	County(s) of the mine
Amendment information	Text entry box(s)	Indicates what changes have been made to a mine
		polygon