

GEMS SUBMITTAL CHECKLIST

December 31, 2025

ELEMENT

PATH/NAME (relative to .zip file)

Submittal package

REQUIRED	
<input checked="" type="checkbox"/> Map data and publication folder (described below)	MD_2022_SANGR2025.1_1-2-submittal\MD_2022_SANGR2025.1_1-2
<input checked="" type="checkbox"/> Transmittal letter	MD_2022_SANGR2025.1_1-2-submittal\SANGR2025.1-Transmittal Letter.docx
<input checked="" type="checkbox"/> Validation.html from Validate Database tool	MD_2022_SANGR2025.1_1-2-submittal\SANGR2025.1.gdb-Validation.html
<input checked="" type="checkbox"/> ValidationErrors.html from Validate Database tool	MD_2022_SANGR2025.1_1-2-submittal\SANGR2025.1.gdb-ValidationErrors.html
<input checked="" type="checkbox"/> Report from Geologic Names Check tool	MD_2022_SANGR2025.1_1-2-submittal\SANGR2025.1-namescheck.xlsx

Map data and publication folder

REQUIRED	
<input checked="" type="checkbox"/> Map graphic (see Requirements)	MD_2022_SANGR2025.1_1-2-submittal\MD_2022_SANGR2025.1_1-2\SANGR2025.1.pdf
<input checked="" type="checkbox"/> FGDC-compliant metadata in valid XML	MD_2022_SANGR2025.1_1-2-submittal\MD_2022_SANGR2025.1_1-2\SANGR2025.1-metadata.xml
<input checked="" type="checkbox"/> Map database folder (described below)	MD_2022_SANGR2025.1_1-2-submittal\MD_2022_SANGR2025.1_1-2\MD_2022_SANGR2025.1_1-2-database
AS NEEDED	
<input type="checkbox"/> Map pamphlet	
OPTIONAL	
<input type="checkbox"/> Other open-source format folder, e.g., GeoPackage, KML	

Map database folder

REQUIRED	
<input checked="" type="checkbox"/> .gdb file geodatabase	MD_2022_SANGR2025.1_1-2-submittal\MD_2022_SANGR2025.1_1-2\MD_2022_SANGR2025.1_1-2-database\SANGR2025.1.gdb
<input checked="" type="checkbox"/> .mapx preferred (see Requirements)	MD_2022_SANGR2025.1_1-2-submittal\MD_2022_SANGR2025.1_1-2\MD_2022_SANGR2025.1_1-2-database\SANGR2025.1.mapx
<input checked="" type="checkbox"/> Resources folder (described below)	MD_2022_SANGR2025.1_1-2-submittal\MD_2022_SANGR2025.1_1-2\MD_2022_SANGR2025.1_1-2-database\resources
AS NEEDED	
<input type="checkbox"/> Map pamphlet	
<input type="checkbox"/> Base data folder (see Requirements)	
OPTIONAL	
<input type="checkbox"/> files for viewing data with free software, e.g., KML files, QGIS project, etc.	

Resources folder

REQUIRED	
<input checked="" type="checkbox"/> Symbology as stylex, lyrx, mapx, etc..	MD_2022_SANGR2025.1_1-2-submittal\MD_2022_SANGR2025.1_1-2\MD_2022_SANGR2025.1_1-2-database\resources\styles\SANGR2025.1.stylex
AS NEEDED	
<input type="checkbox"/> CMU graphic (include only if not present in any other element)	
<input type="checkbox"/> Figures (numbered as in report)	
<input type="checkbox"/> Tables (numbered as in report)	
OPTIONAL	
<input type="checkbox"/> Formatted DMU or LMU document	

¹Standard fonts are those installed with ArcMap or ArcGIS Pro, any of the FGDCGeo special symbol fonts. Check the distributor's licensing for any restrictions on use or sharing of other fonts.