

## APPENDIX B<sup>1</sup>

### **BIBLIOGRAPHY ON TOPICS RELATED TO THE HYDROGEOLOGY OF TRANSBOUNDARY–AQUIFER SYSTEMS IN THE NEW MEXICO, TRANS-PECOS TEXAS, AND NORTHERN MEXICO REGION**

Emphasis is on Hydrogeologic Controls on Groundwater Flow and Chemistry  
(2,252 entries as of 10/15/2025)

Alphanumeric Codes Assigned to the Nine Major Topic and 31 Subtopic Categories Designed  
to Facilitate Cross-Referencing and  
EndNote<sup>®</sup> Bibliographic Compilations

Part 1: Topical and Sub-Topical Compilation

Part 2: Alphabetical Compilation

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<sup>1</sup>APPENDIX B *in* Hawley, J.W., Swanson, B.H., Walker, J.S., Glaze, S.H., and Ortega Klett, C.T., 2025, Hydrogeologic Framework of the Mesilla Basin Region of New Mexico, Texas, and Chihuahua (Mexico) – Advances in Conceptual and Digital Model Development: New Mexico Water Resources Research Institute Report No 363, 359 p., 8 Appendices.

## **Topic/Subtopic Categories, with Alphanumeric Cross-Reference Codes (Appendix B)**

### **A. Bibliographies, Dictionaries, Glossaries, Biographies, Reviews, and News Items**

- A1. Bibliographies, Dictionaries, and Glossaries
- A2. Biographies and Reviews
- A3. News Items

### **B. Time: Geologic, Prehistoric, and Historic**

- B1. Geologic and Prehistoric Time
- B2. Prehistoric Perspective: US Southwest and Northern Mexico
- B3. Historic Perspective: US Southwest and Northern Mexico

### **C. Environmental, Physiographic, and Geologic Setting**

- C1. Climatic, Hydrographic, Ecologic, and Paleoenvironmental Setting
- C2. Geologic and Geomorphic Setting
  - C2a. Geologic and Geomorphic Setting: Pre-1990
  - C2b. Geologic and Geomorphic Setting: Post-1989
- C3. Soil-Geomorphic Relationships and Soil Surveys
- C4. Geophysical/Geochemical Data and Interpretations

### **D. Basic Hydrogeologic Concepts**

- D1. Conceptual Models, Definitions, and Regional Overviews
- D2. Groundwater-Flow Systems, Including Recharge

### **E. GIS/Remote Sensing and GW-Resource Management/Planning**

- E1. GIS/Remote Sensing
- E2. Resource Management/Planning
  - E2a. Desalination
  - E2b. Recharge and Recovery
  - E2c. Groundwater-Quality Projection and Waste Management
- E3. Legal and Environmental Issues and Constraints

### **F. Transboundary Regional Hydrogeology and Geohydrology**

- F1. Binational
- F2. USA
- F3. México

### **G. Early Documents on Mesilla Basin Regional Aquifer Systems (1858-1970)**

- G1. 1858 to 1935
- G2. 1935 to 1970

### **H. Contemporary Documents on Mesilla Basin Regional Aquifer Systems**

- H1. Hydrogeology
- H2. Hydrochemistry
- H3. Flow Models

### **I. Paleohydrology: Ancestral Fluvial and Pluvial Lake Systems**

- I1. Regional Overviews
- I2. Transboundary Region Paleohydrologic Systems
- I3. Evolution of the Rio Grande Fluvial System