$$K = 2.83 \times 10^{-6}$$

$$S_s = 1.0 \times 10^{-8}$$

$$S_y = 0.005$$

Kh/Kv = 10

**Model Hydraulic Properties**

- Horizontal Conductivity (feet per day)
- Specific Storage (per foot)
- Specific Yield (dimensionless)
- Ratio of Horizontal Versus Vertical Conductivity

**Modeled Geologic Units**

- Shale

**Legend**

- Mining Area
- Tract Boundary
- Township Lines

**Figure 3-10**

OTTER CREEK MINE, PERMIT ID: C2012018
EXHIBIT 3-10 APPENDIX B OTTER CREEK COAL MINE GROUNDWATER FLOW MODEL DEVELOPMENT, CALIBRATION, AND MINE DEWATERING SIMULATION