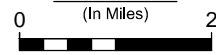




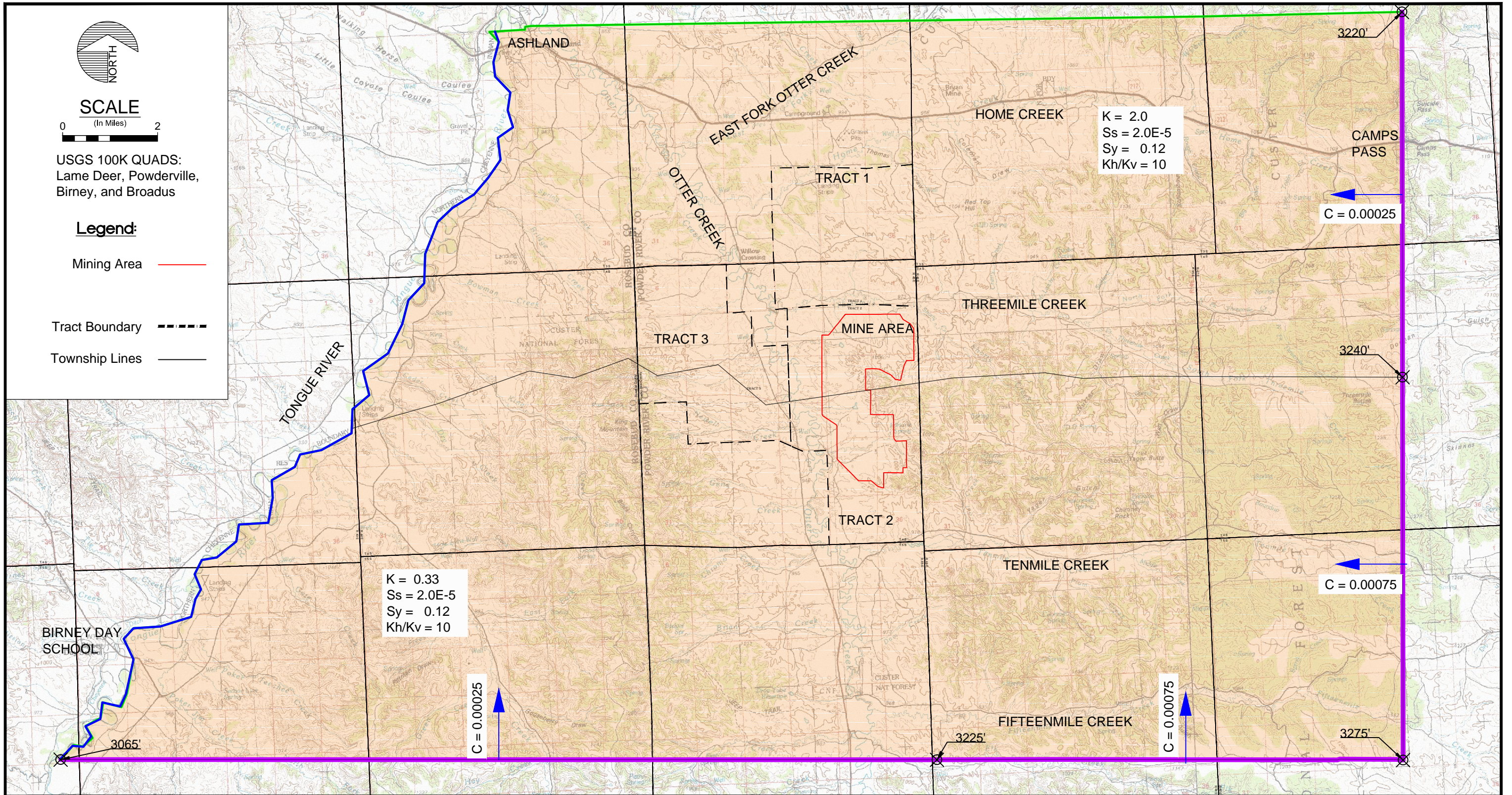
SCALE



USGS 100K QUADS:
Lame Deer, Powderville,
Birney, and Broadus

Legend:

- Mining Area —
- Tract Boundary
- Township Lines



Modeled Geologic Units
Sandstone

No Flow Boundary —

River Boundary —

General Head Boundary (GHB)

External Source Head

Legend:

Model Parameter Zone

Model Conductance (C) ←

in Units Feet Squared per Day per Foot ← C = 0.05

GHB Node

3000'

Model Hydraulic Properties
K = 0.33
Ss = 2.0E-6
Sy = 0.02
Kh/Kv = 10

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

OTTER CREEK MINE, PERMIT ID: C2012018
EXHIBIT 314C APPENDIX B OTTER CREEK COAL MINE
GROUNDWATER FLOW MODEL DEVELOPMENT,
CALIBRATION, AND MINE DEWATERING SIMULATION

**LAYER 6 PARAMETER ZONATION AND
BOUNDARY CONDITIONS**

FIGURE

3-9