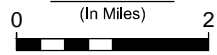




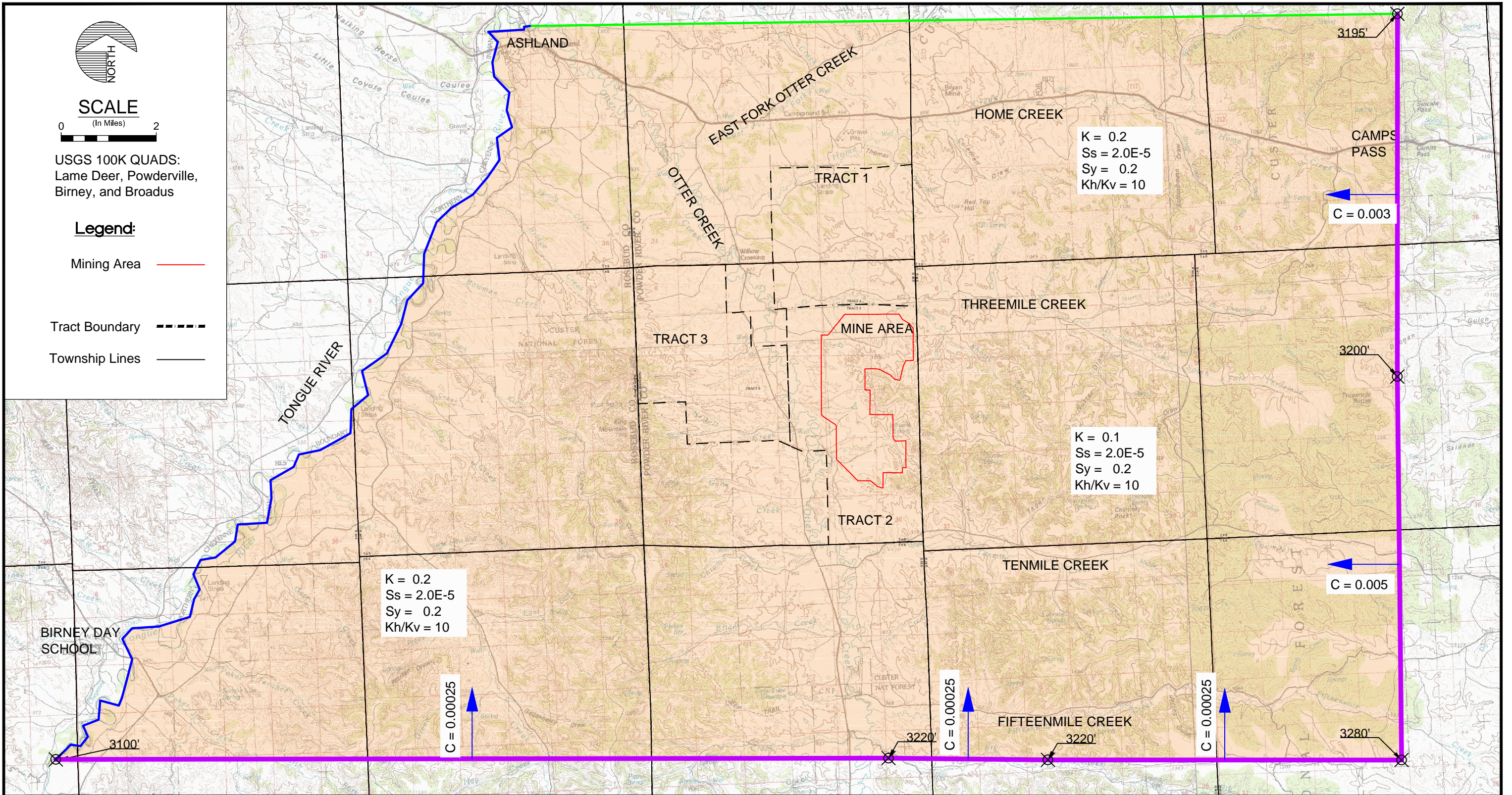
SCALE



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

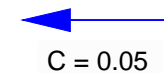


GHB Node

Legend:

Model Parameter Zone

Model Conductance (C)
in Units Feet Squared per Day per Foot



Model Hydraulic Properties

$K = 0.2$
 $S_s = 2.0E-5$
 $S_y = 0.02$
 $K_h/K_v = 10$

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 8 AND 9 PARAMETER ZONATION
AND BOUNDARY CONDITIONS**

FIGURE

3-11