EXHIBIT IA

SUBSIDENCE LOCATION MAP
WYOMING VALLEY, PENNSYLVANIA

(BARRIER PILLAR LOCATIONS AFTER ASH, 1934.)

LEGEND

- Subsidence Incident - Mine Subsidence Insurance Claim
- Subsidence Incident - Newspaper, B.D.E.R. Records
- Subsidence Incidents - Newspaper, B.D.E.R. Records Dashed Line Indicates Extent of Numerous Subsidences
- Multiple Subsidence Incidents At Same Location
- Barrier Pillar
- BALTIMORE - Colliery Name
- Approximate Outcrop Of Lowest Mineable Coal Seam (Red Ash Seam)
- Boundary of Susquehanna and Lackawanna Rivers

Relationship Between Underground Mine Water Pools and Subsidence in the Northeastern Pennsylvania Anthracite Fields

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