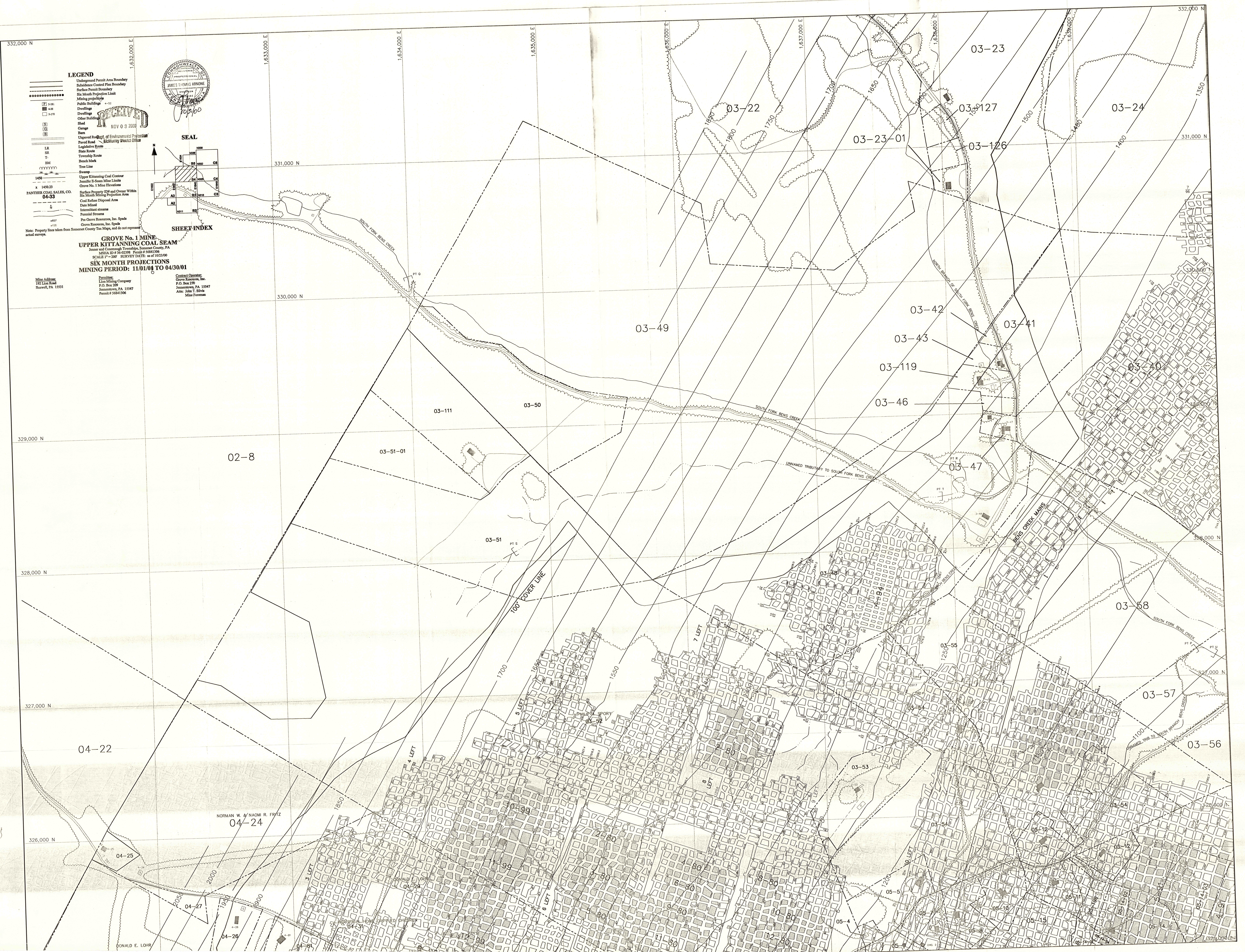




LEGEND

- Underground Permit Area Boundary
- Subsidence Control Plan Boundary
- Surface Permit Boundary
- Six Month Projection Limit
- Mining projection
- Public Buildings
- Dwellings
- Other Buildings
- Shed
- Garage
- Burn
- Unpaved Roadway of Environmental Protection
- Paved Road
- Legislative Route
- State Route
- Township Route
- Bench Mark
- Tree Line
- Swamp
- Upper Kittanning Coal Contour
- Jennifer S-Seam Mine Limits
- Grove No. 1 Mine Throatline
- Surface Property ID# and Owner Within Six Month Mining Projection Area
- Coal Refuse Disposal Area
- Dike X-Field
- Intermittent stream
- Perennial Stream
- Panther Coal Sales, Inc. Spade
- Grove Resources, Inc. Spade

SEAL

SHEET INDEX

GROVE No. 1 MINE
UPPER KITTANNING COAL SEAM
Jennifer and Conowing Townships, Somerset County, PA
MSEA ID # 36-02398 Permit # 56841306
SCALE 1" = 200' SURVEY DATE: 06/01/02/00
SIX MONTH PROJECTIONS
MINING PERIOD: 11/01/01 TO 04/30/01

Miner Address:
192 Lion Road
Barnett, PA 15531

Permittee:
Lion Mining Company
P.O. Box 209
Jennifersville, PA 15547
Attn: John T. Smith
Mine Foreman

Contract Operator:
Grove Resources, Inc.
P.O. Box 170
Jennifersville, PA 15547
Attn: John T. Smith
Mine Foreman