

Descriptions of Phosphate Lease Areas in Pamlico and Pungo Rivers,
North Carolina

NC 6-5 67-2

Area A - 3942 acres, more or less: This area is bounded on the east by longitude 77° 00' W, on the northeast and southwest by the natural shoreline of Pamlico River and Chocowinity Bay. It extends northwestward up Chocowinity Bay to longitude 77° 03' 28" W, and northwestward up Pamlico River to the U.S. Highway 17 bridge over the Pamlico River at Washington, North Carolina.

Area B - 6227 acres, more or less: This area is bounded on the east by longitude 70° 55' W, on the west by longitude 77° 00' W, and on the north and south by the natural shoreline of Pamlico River. Excluded from this area are the bottoms under Broad Creek north of latitude 35° 28' 53" N, the bottoms under Upper Goose Creek north of latitude 35° 28' 23" N, and the bottoms under Blounts Creek south of state secondary road 1112 bridge over Blounts Creek.

Area C - 5990 acres, more or less: This area is bounded on the east by longitude 76° 50' W, on the west by longitude 76° 55' W, and on the north and south by the natural shoreline of Pamlico River. Excluded from this area are the bottoms under Duck Creek north of latitude 35° 27' 30" N, and the bottoms under all other unnamed tributaries beyond a natural line (dotted) drawn across the mouth of said tributaries.

Area D - 9209 acres, more or less: This area is bounded on the east by longitude 76° 45' W, on the west by longitude 76° 50' W, and on the north and south by the natural shoreline of Pamlico River. Excluded from this area are the bottoms under Bath Creek north of latitude 35° 27' 15" N, the bottoms under Mixon Creek north of latitude 35° 25' 40" N, the bottoms under Durham Creek south of latitude 35° 23' 52" N, the bottoms under Lees Creek south of latitude 35° 23' 10" N, and the bottoms under all other unnamed tributaries beyond a natural line (dotted) drawn across the mouth of said tributaries.

Area E - 11,852 acres, more or less: This area is bounded on the east by longitude 76° 40' W, on the west by longitude 76° 45' W, and on the north and south by the natural shoreline of Pamlico River. Excluded from this area are the bottoms under St. Clair Creek north of latitude 35° 25' 45" N, the bottoms under North Creek, and its tributaries, north of latitude 35° 25' N, the bottoms under South Creek south-west of a line drawn from the point where latitude, 35° 21' 43" N intersects the shore-

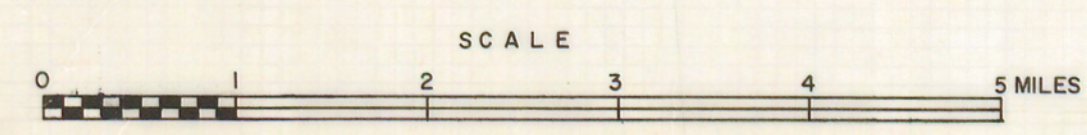
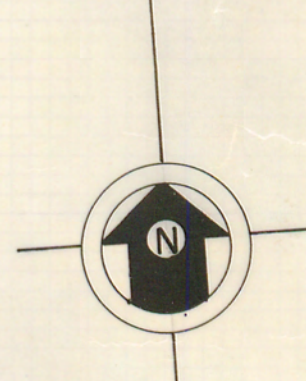
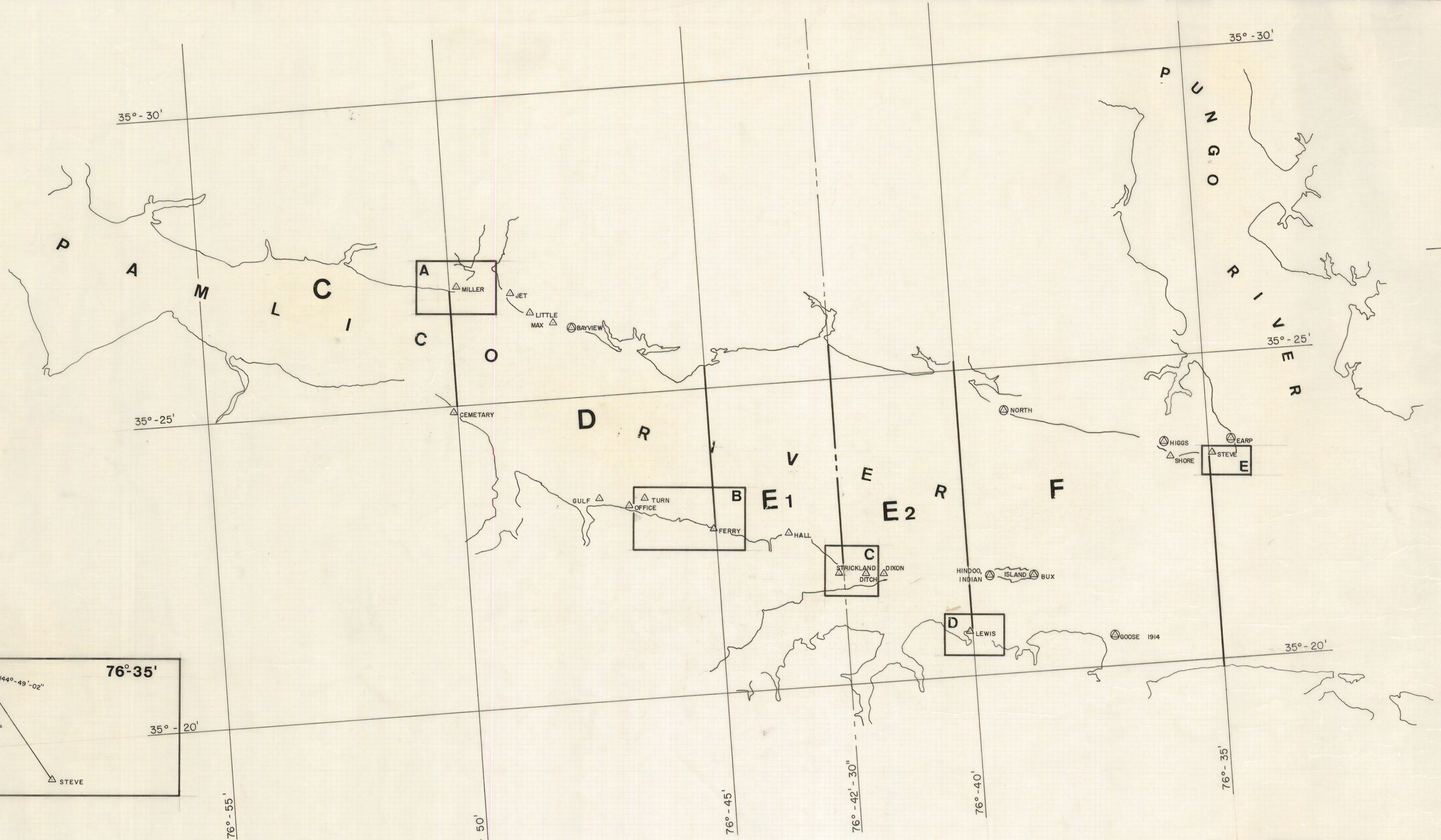
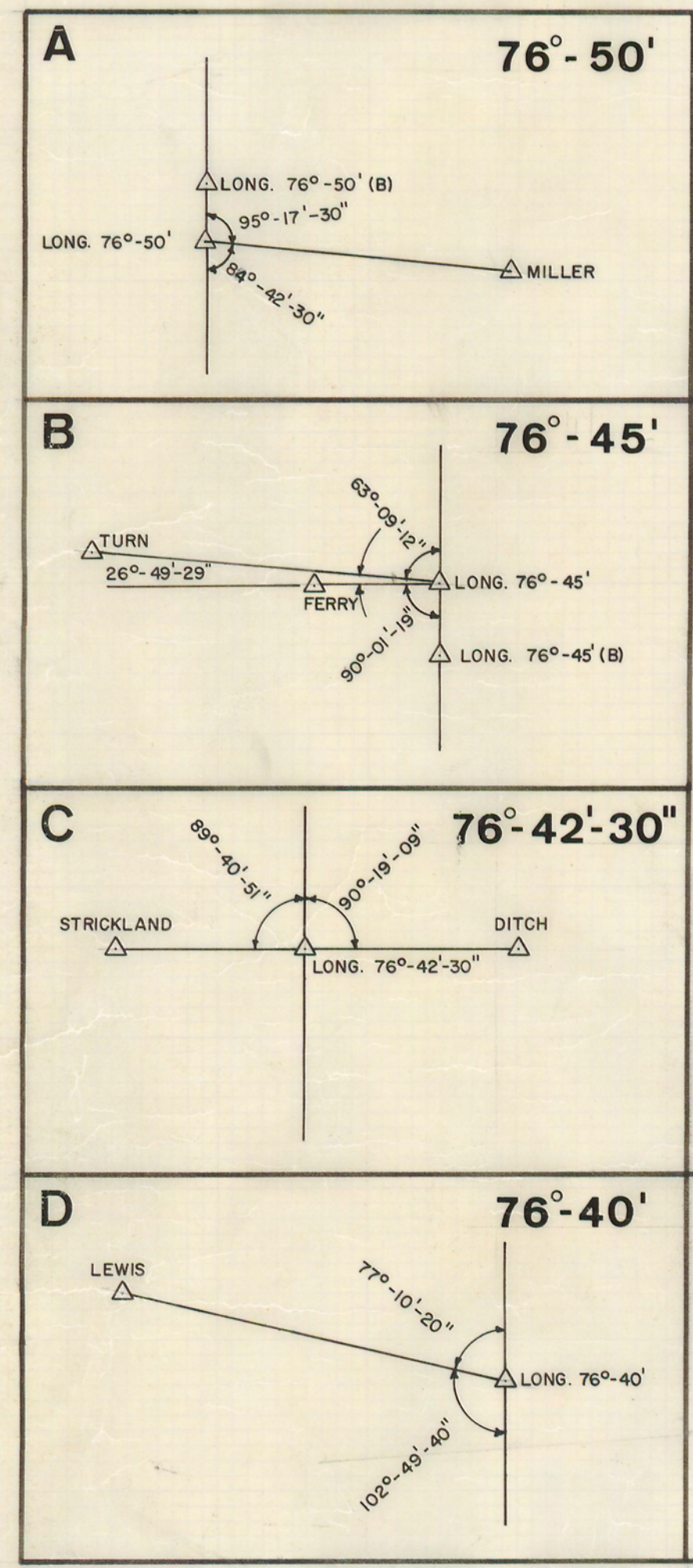
line at Hickory Point to a point where longitude $76^{\circ} 40' W$ intersects the south shoreline of Pamlico River, and the bottoms under all other unnamed tributaries beyond a natural line (dotted) drawn across the mouth of said tributaries.

Area F - 12,533 acres, more or less: This area is bounded on the east by longitude $76^{\circ} 35' W$, on the west by longitude $76^{\circ} 40' W$, on the north by the natural shoreline of the Pamlico River and on the south by latitude $35^{\circ} 20' N$ and the natural shoreline of Pamlico River west of Goose Creek. Excluded from this area are the bottoms under North Creek, and its tributaries, north of latitude $35^{\circ} 25' N$, the bottoms under Goose Creek south of latitude $35^{\circ} 20' N$, and the bottoms under all other unnamed tributaries beyond a natural line (dotted) drawn across the mouth of said tributaries.

Area G - 5990 acres, more or less: This area is bounded on the south by latitude $35^{\circ} 26' 55'' N$, on the north by latitude $35^{\circ} 30' N$, and on the east and west by the natural shoreline of Pungo River. Excluded from this area are the bottoms under Slade Creek east of longitude $76^{\circ} 33' 15'' W$, the bottoms under Jordan Creek west of a natural line (dotted) drawn across the mouth of Jordan Creek, and the bottoms under all other unnamed tributaries beyond a natural line (dotted) drawn across the mouth of said tributaries.

Area H - 4678 acres, more or less: This area is bounded on the east by longitude $76^{\circ} 35' W$, on the south by latitude $35^{\circ} 30' N$, and on the north by the natural shoreline of Pantego Creek and Pungo River. On the west it extends up Pungo Creek to the bridge on state secondary road 1713, and up Pantego Creek to the bridge on state secondary road 1713. Excluded from this area are the bottoms under all unnamed tributaries beyond a natural line (dotted) drawn across the mouth of said tributaries, and the area included in the town limits of Belhaven, North Carolina.

Area I - 5644 acres, more or less: This area is bounded on the east by longitude $76^{\circ} 30' W$, on the west by longitude $76^{\circ} 35' W$, and on the north and south by the natural shoreline of Pungo River. Excluded from this area are the bottoms under Upper Dowry Creek north of latitude $35^{\circ} 31' 57'' N$, and the bottoms under all other unnamed tributaries beyond a natural line (dotted) drawn across the mouth of said tributaries.

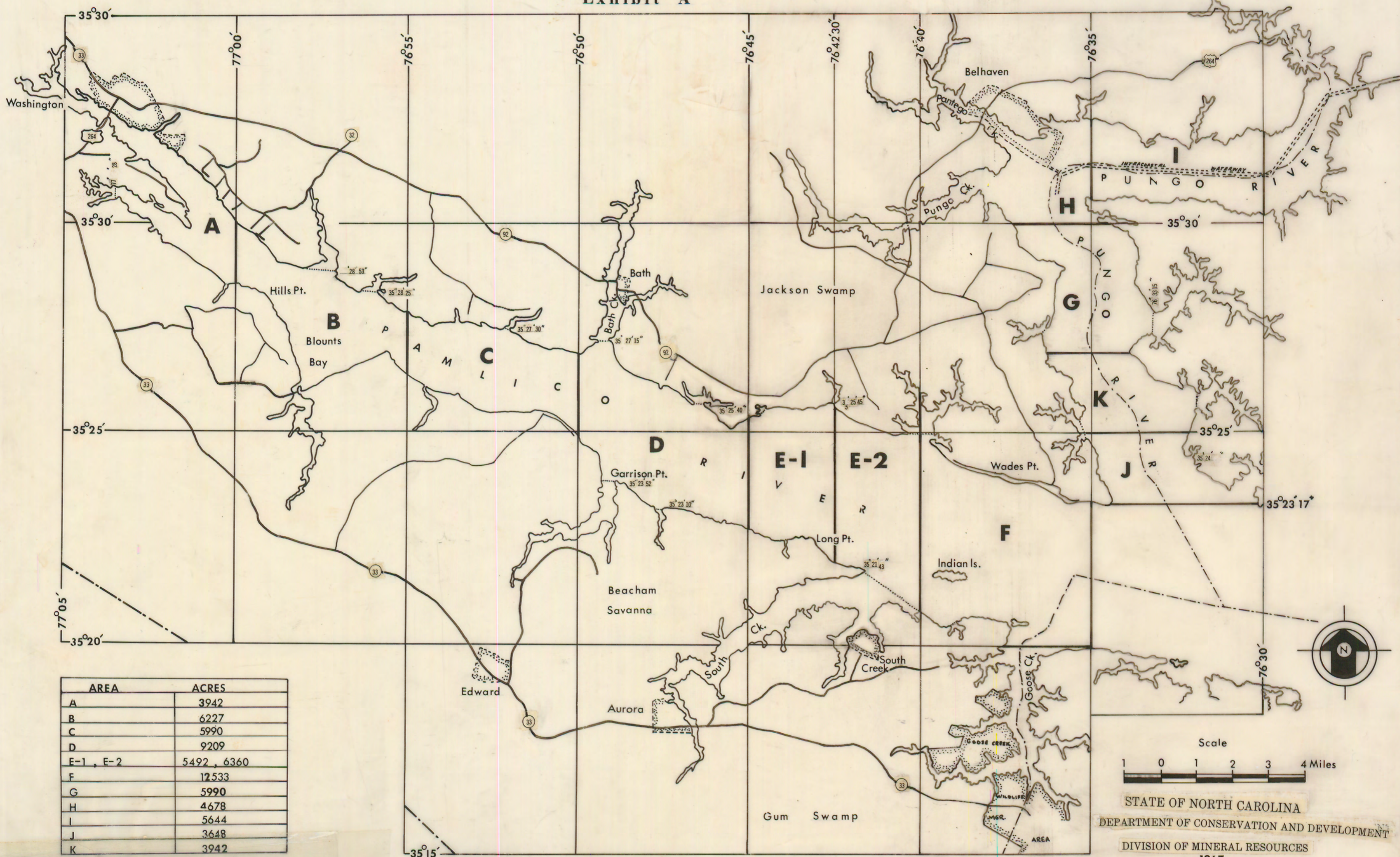


MINERAL RESOURCES LEASE MAP
STATE OF NORTH CAROLINA
 DEPARTMENT OF CONSERVATION AND DEVELOPMENT
 DIVISION OF GEODETIC SURVEY

1970

MAP SHOWING PHOSPHATE LEASE AREAS IN PAMLICO AND PUNGO RIVERS, N.C.

Exhibit A

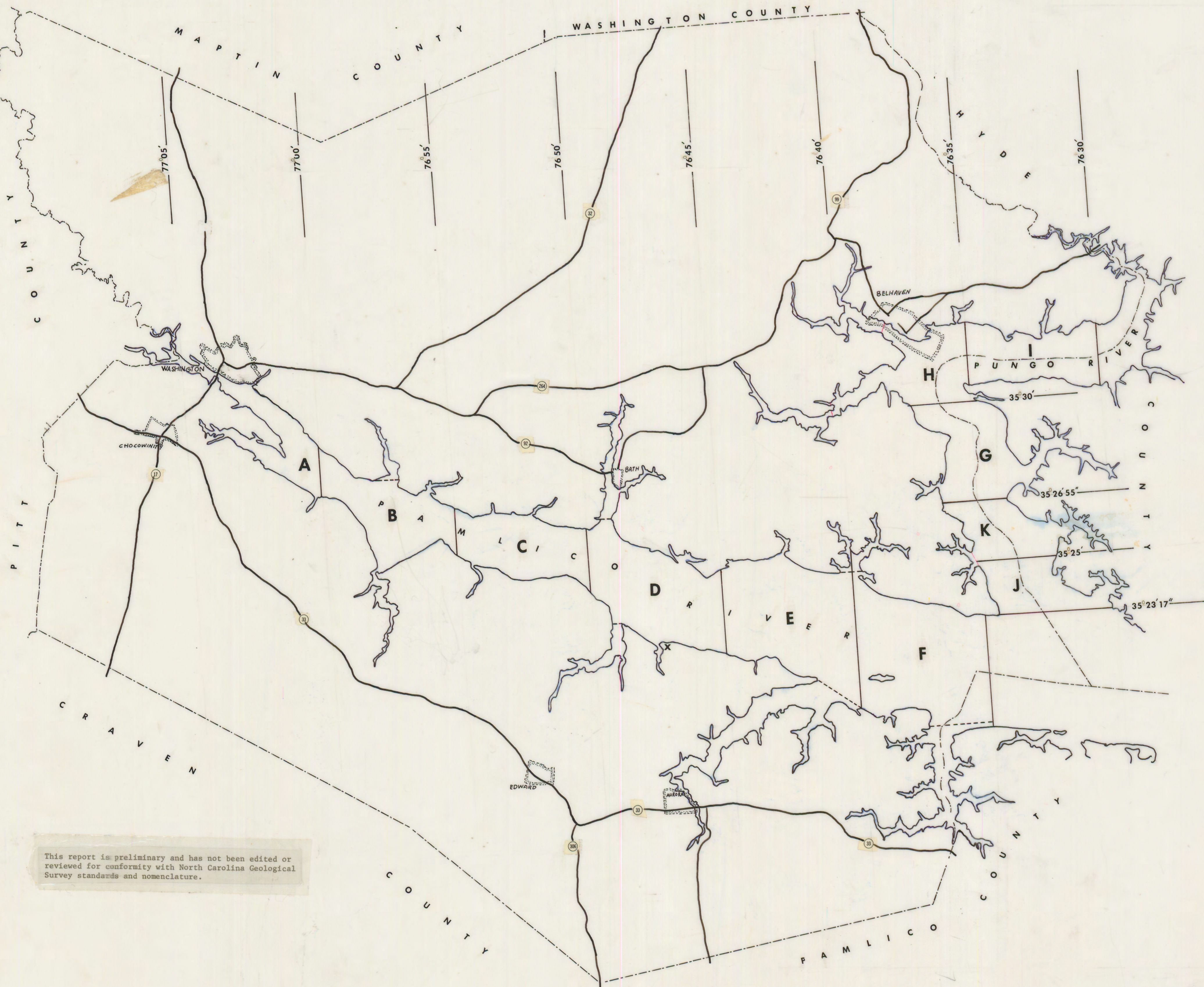


| AREA | ACRES |
|----------|------------|
| A | 3942 |
| B | 6227 |
| C | 5990 |
| D | 9209 |
| E-1, E-2 | 5492, 6360 |
| F | 12533 |
| G | 5990 |
| H | 4678 |
| I | 5644 |
| J | 3648 |
| K | 3942 |

This report is preliminary and has not been edited or reviewed for conformity with North Carolina Geological Survey standards and nomenclature.

Scale
1 0 1 2 3 4 Miles

STATE OF NORTH CAROLINA
DEPARTMENT OF CONSERVATION AND DEVELOPMENT
DIVISION OF MINERAL RESOURCES
1967



| | |
|---|------------|
| A | 3942 ACRES |
| B | 6227 |
| C | 5990 |
| D | 9209 |
| E | 11852 |
| F | 12533 |
| G | 5990 |
| H | 4678 |
| I | 5644 |
| J | 3648 |
| K | 3942 |

This report is preliminary and has not been edited or reviewed for conformity with North Carolina Geological Survey standards and nomenclature.