Map 8
Mineral Resources
Locatable
Existing and Recommended Withdrawals
All Alternatives

- Bureau of Land Management
- Department of Defense
- Forest Service
- Private
- State

- Existing Withdrawals - Alternative A
- Recommended Withdrawals - Alternative B
- Recommended Withdrawals - Alternative C
- Recommended Withdrawals - Alternative D

N

0 5 10 20 30
Kilometers
0 5 10 15 20 25
Miles

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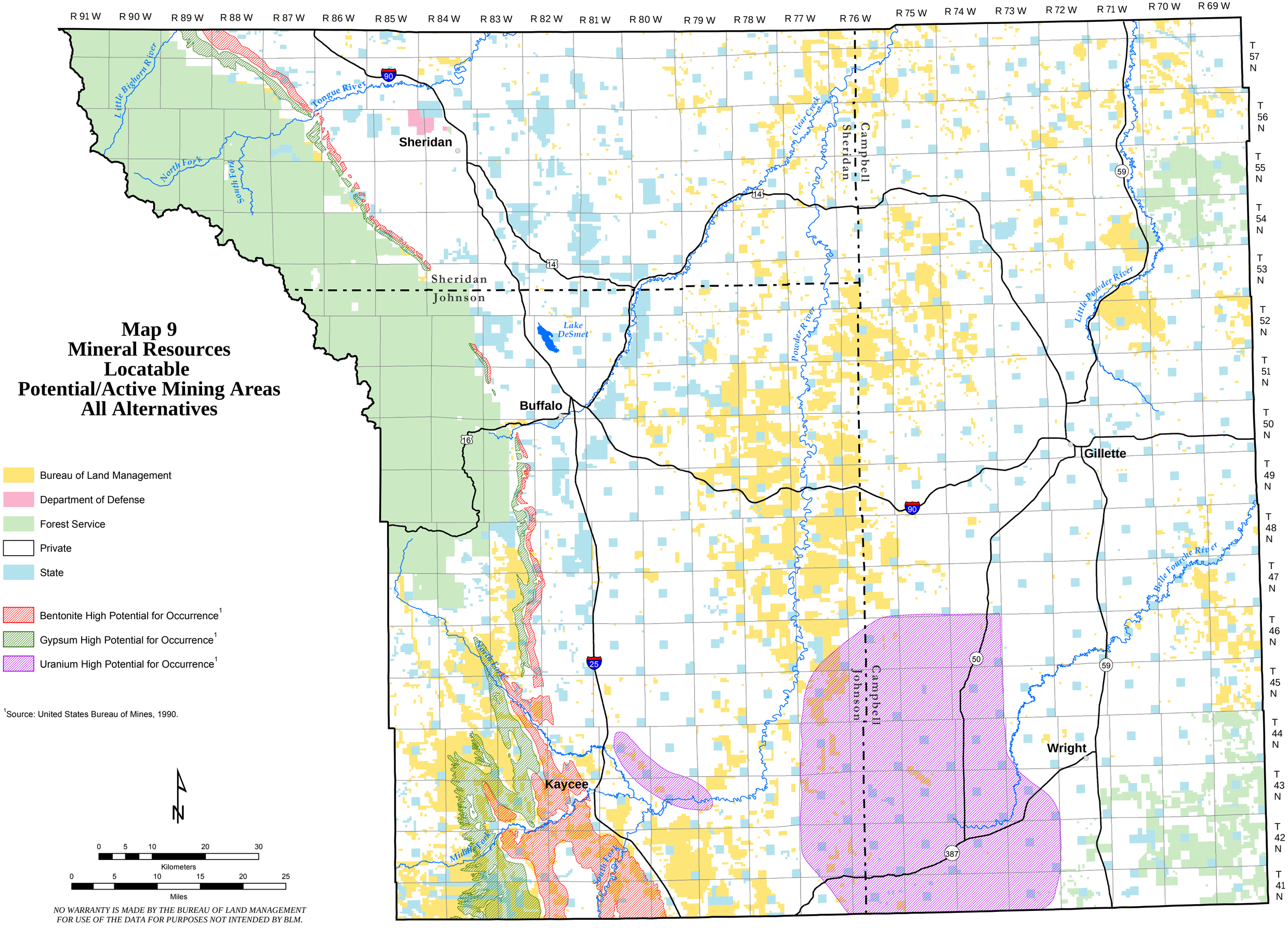
Map 9
Mineral Resources
Locatable
Potential/Active Mining Areas
All Alternatives



- Bureau of Land Management
- Department of Defense
- Forest Service
- Private
- State

- Bentonite High Potential for Occurrence[1]
- Gypsum High Potential for Occurrence[1]
- Uranium High Potential for Occurrence[1]

[1]Source: United States Bureau of Mines, 1990.

N

0 5 10 20 30
Kilometers

0 5 10 15 20 25
Miles

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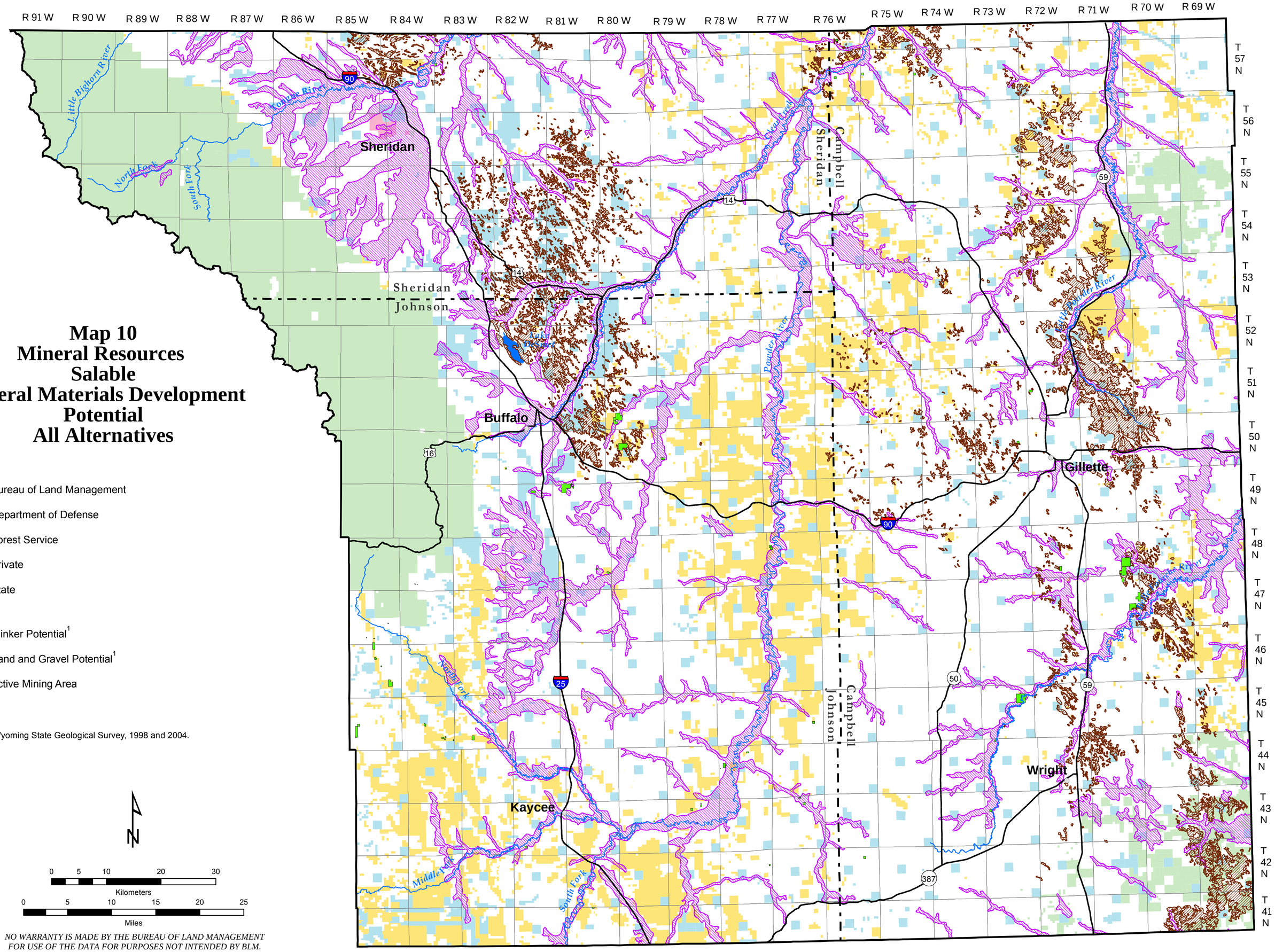

Map 10
Mineral Resources
Salable
Mineral Materials Development
Potential
All Alternatives

- Bureau of Land Management
- Department of Defense
- Forest Service
- Private
- State

- Clinker Potential[1]
- Sand and Gravel Potential[1]
- Active Mining Area

[1]Sources: Wyoming State Geological Survey, 1998 and 2004.

N

0 5 10 20 30
Kilometers

0 5 10 15 20 25
Miles

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Map 11
Mineral Resources
Leasable - Coal
All Alternatives

- Bureau of Land Management
- Department of Defense
- Forest Service
- Private
- State

- Coal Development Potential Area - Buffalo RMP Update 2001
- Coal Lease

N

0 5 10 20 30
Kilometers
0 5 10 15 20 25
Miles

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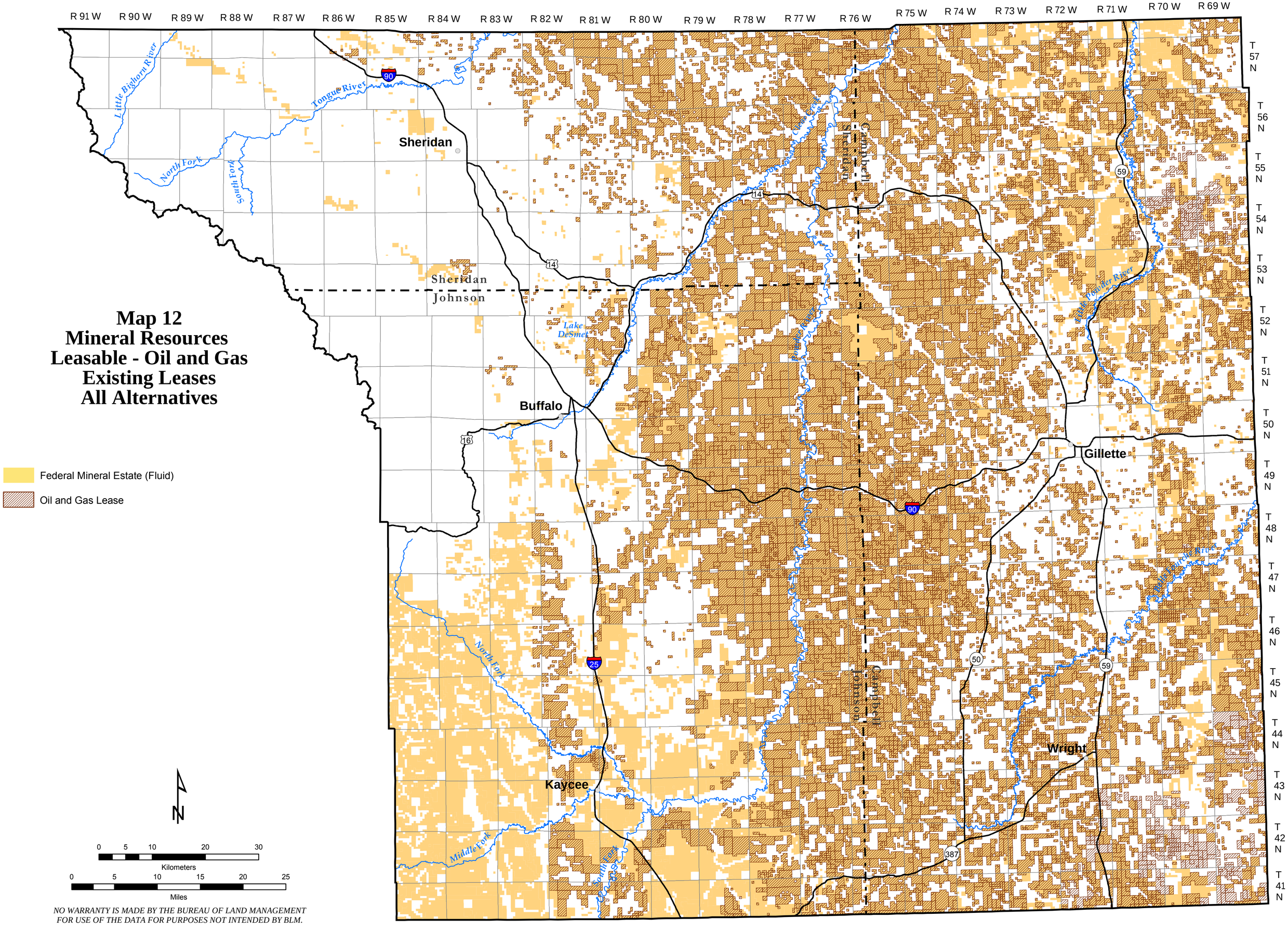
R 91 W R 90 W R 89 W R 88 W R 87 W R 86 W R 85 W R 84 W R 83 W R 82 W R 81 W R 80 W R 79 W R 78 W R 77 W R 76 W R 75 W R 74 W R 73 W R 72 W R 71 W R 70 W R 69 W

T 57 N T 56 N T 55 N T 54 N T 53 N T 52 N T 51 N T 50 N T 49 N T 48 N T 47 N T 46 N T 45 N T 44 N T 43 N T 42 N T 41 N

Little Bighorn River
Tongue River
North Fork
South Fork
Sheridan
Sheridan
Johnson
Lake DeSmet
Buffalo
Clear Creek
Powder River
Campbell
Sheridan
Little Powder River
Gillette
Belle Fourche River
North Fork
Middle Fork
South Fork
Kaycee
Campbell
Johnson
Wright
90
14
59
16
25
50
387

Map 12
Mineral Resources
Leasable - Oil and Gas
Existing Leases
All Alternatives



Federal Mineral Estate (Fluid)

Oil and Gas Lease

N

0 5 10 20 30
Kilometers

0 5 10 15 20 25
Miles

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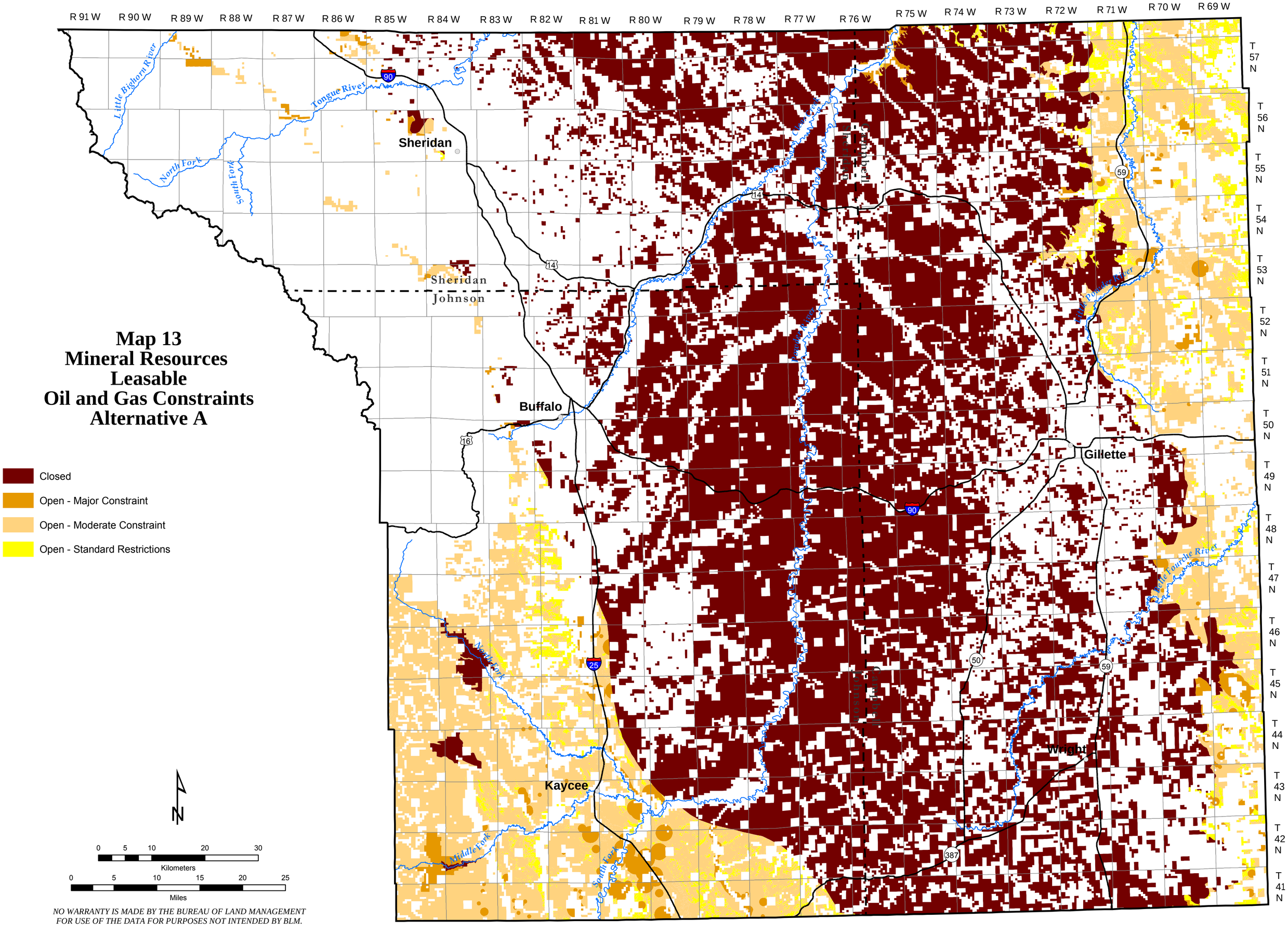
Map 13
Mineral Resources
Leasable
Oil and Gas Constraints
Alternative A



- Closed
- Open - Major Constraint
- Open - Moderate Constraint
- Open - Standard Restrictions

N

0 5 10 20 30
Kilometers

0 5 10 15 20 25
Miles

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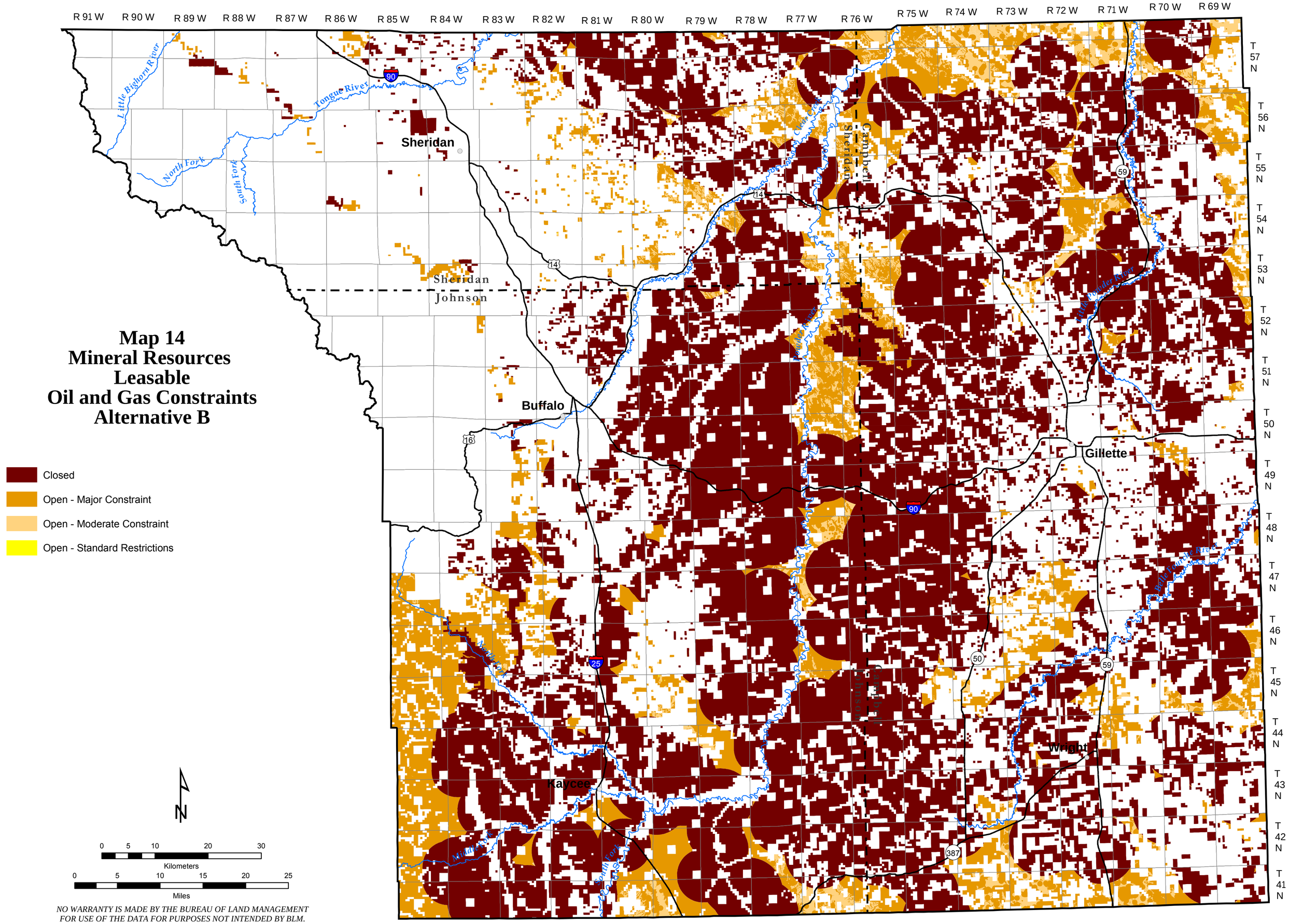

Map 14
Mineral Resources
Leasable
Oil and Gas Constraints
Alternative B

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Map 15
Mineral Resources
Leasable
Oil and Gas Constraints
Alternative C

- Closed
- Open - Major Constraint
- Open - Moderate Constraint
- Open - Standard Restrictions

N

0 5 10 20 30
Kilometers
0 5 10 15 20 25
Miles

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T 57 N T 56 N T 55 N T 54 N T 53 N T 52 N T 51 N T 50 N T 49 N T 48 N T 47 N T 46 N T 45 N T 44 N T 43 N T 42 N T 41 N

Sheridan
Buffalo
Gillette
Kaycee
Wright

Sheridan Johnson
Campbell Sheridan
Campbell Johnson

Little Bighorn River
Tongue River
North Fork
South Fork
Clear Creek
Powder River
Little Powder River
Middle Fork
South Fork
Belle Fourche River

90 14 16 25 59 50 387

Map 16
Mineral Resources
Leasable
Oil and Gas Constraints
Alternative D

- Closed
- Open - Major Constraint
- Open - Moderate Constraint
- Open - Standard Restrictions

N

0 5 10 20 30
Kilometers
0 5 10 15 20 25
Miles

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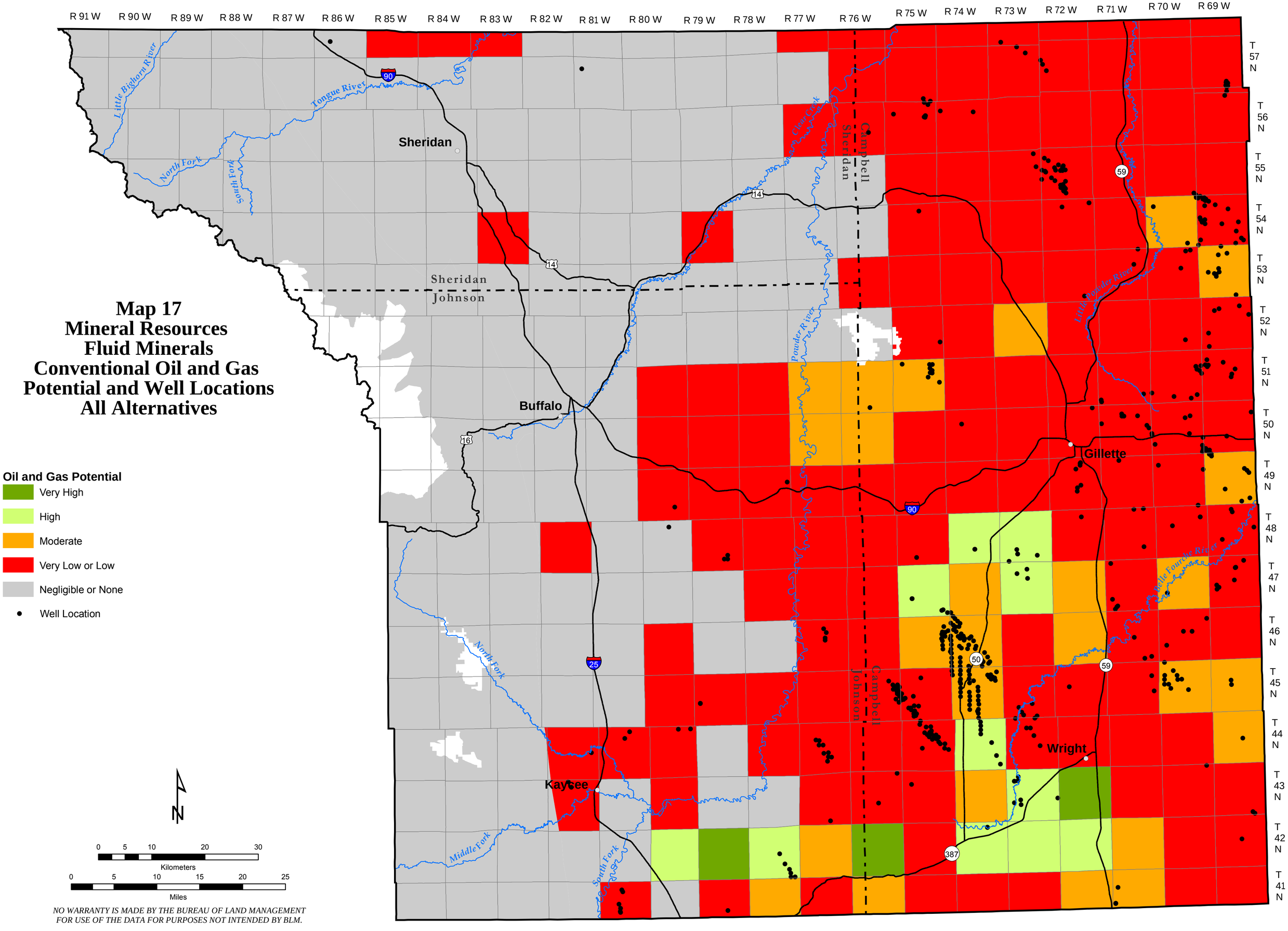
T 57 N T 56 N T 55 N T 54 N T 53 N T 52 N T 51 N T 50 N T 49 N T 48 N T 47 N T 46 N T 45 N T 44 N T 43 N T 42 N T 41 N

Little Bighorn River
Tongue River
North Fork
South Fork
Sheridan
Sheridan
Johnson
Clear Creek
Campbell
Sheridan
Powder River
Little Powder River
Buffalo
Gillette
Middle Fork
South Fork
Belle Fourche River
Campbell
Johnson
Kaycee
Wright

90 14 16 59 25 50 387

Map 17
Mineral Resources
Fluid Minerals
Conventional Oil and Gas
Potential and Well Locations
All Alternatives



Oil and Gas Potential

- Very High
- High
- Moderate
- Very Low or Low
- Negligible or None
- Well Location

0 5 10 20 30
Kilometers
0 5 10 15 20 25
Miles

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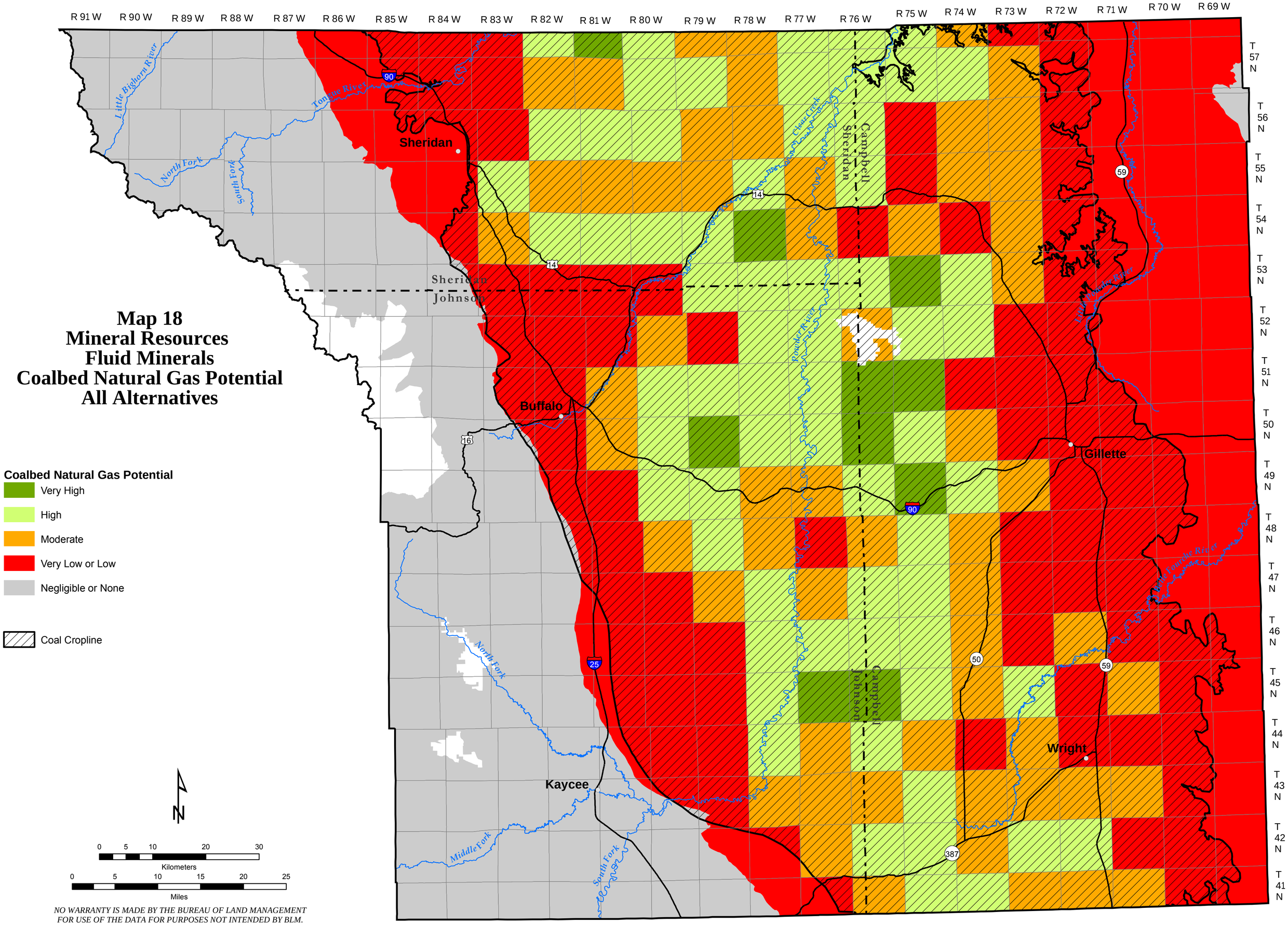

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