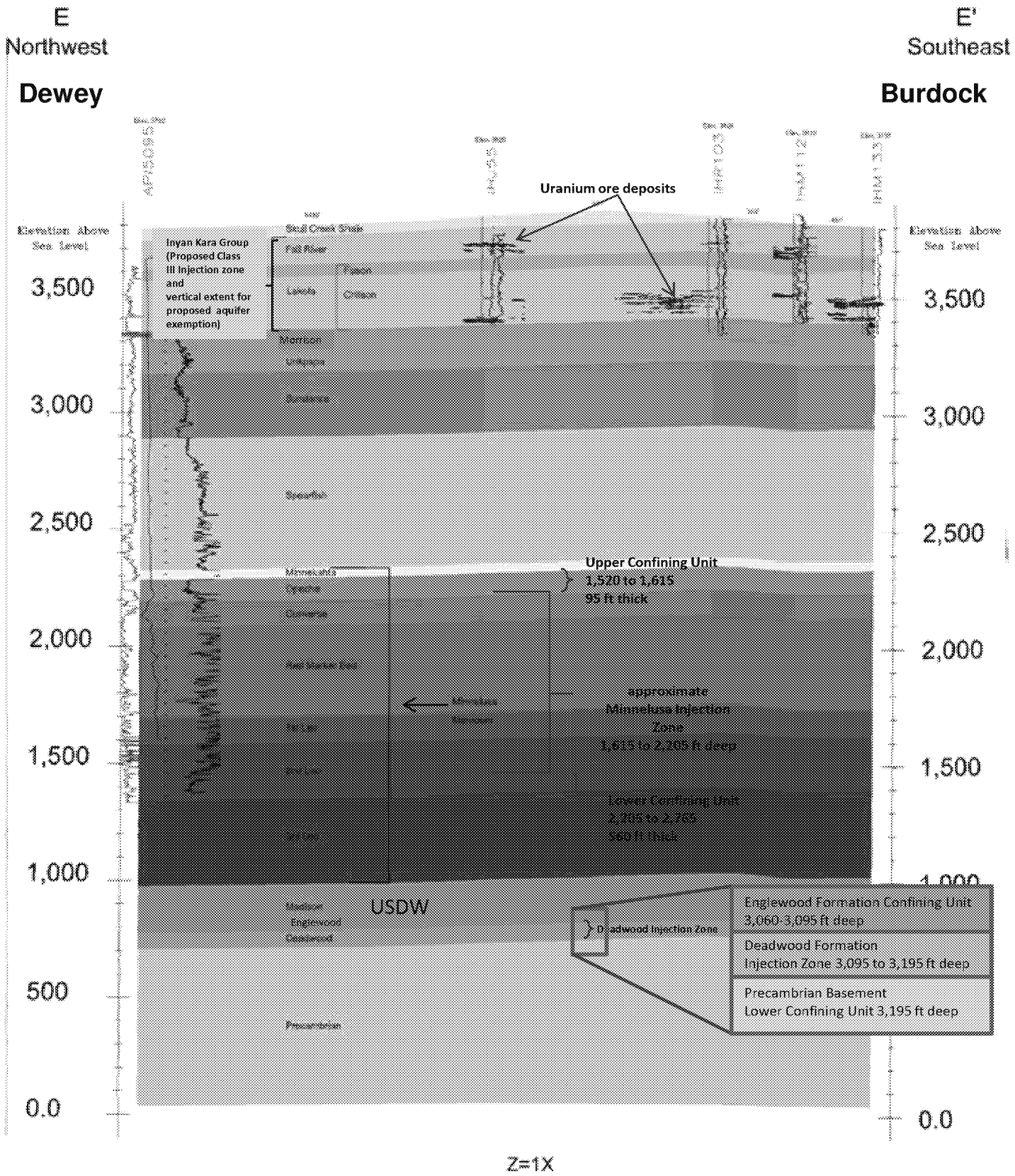
E
Northwest
Dewey
E'
Southeast
Burdock
Uranium ore deposits
Elevation Above Sea Level
3,500
3,000
2,500
2,000
1,500
1,000
500
0.0
Inyan Kara Group (Proposed Class III Injection zone and vertical extent for proposed aquifer exemption)
Fall River
Lakota
Morrison
Sundance
Swift
Rierdon
Minnelusa
Opeche
Minnekahta
Pahasapa
Englewood
Deadwood
Precambrian
Upper Confining Unit
1,520 to 1,615
95 ft thick
approximate
Minnelusa Injection Zone
1,615 to 2,205 ft deep
Lower Confining Unit
2,205 to 2,765
560 ft thick
USDW
Deadwood Injection Zone
Englewood Formation Confining Unit
3,060-3,095 ft deep
Deadwood Formation
Injection Zone 3,095 to 3,195 ft deep
Precambrian Basement
Lower Confining Unit 3,195 ft deep
Z=1X