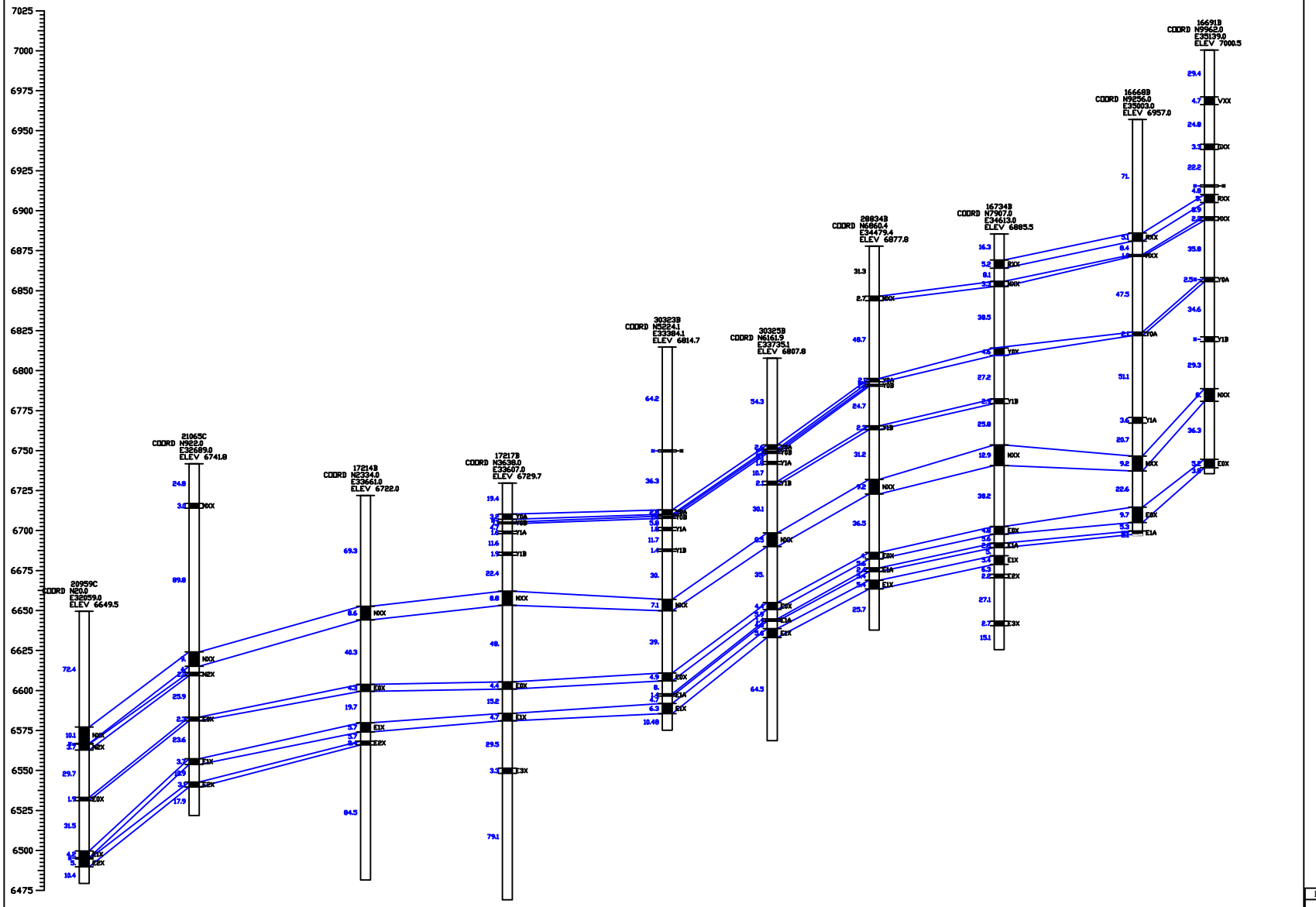
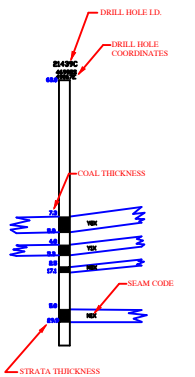


KEY LEGEND



PEABODY WESTERN COAL COMPANY

KAYENTA MINE

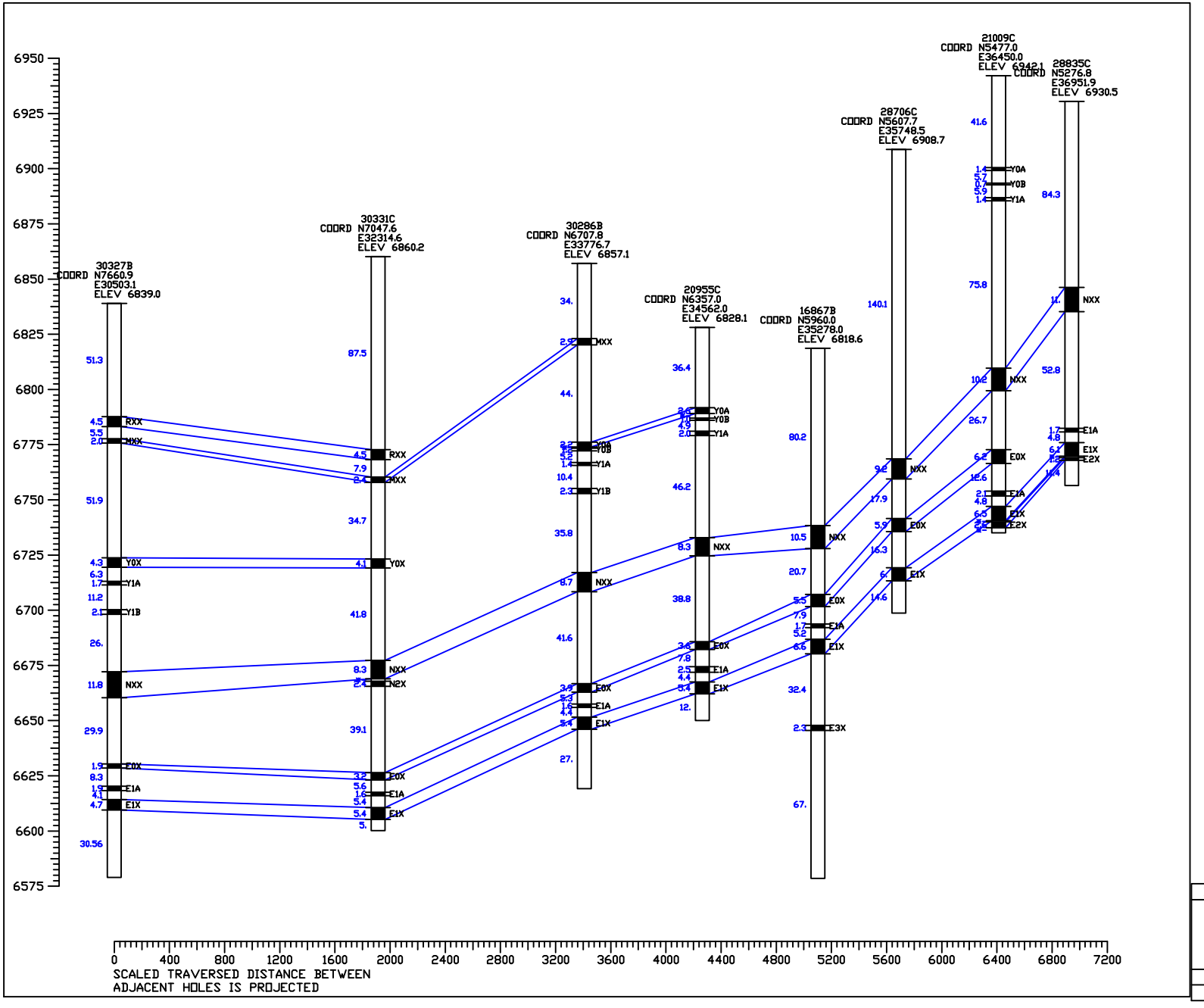
DRILL LOG CROSS-SECTIONS

TYPICAL GEOLOGICAL CROSS SECTION

N10 SECTION #1

H: 1" = 400' V: 1" = 25'

DATE: 10/12/12



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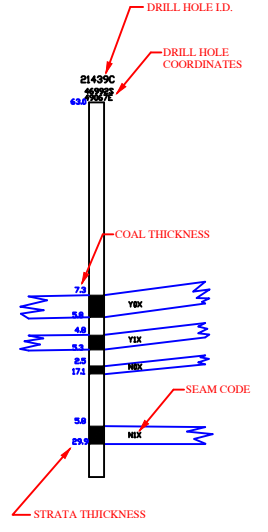


PEABODY WESTERN

PEABODY WESTERN COAL COMPANY

KAYENTA MINE

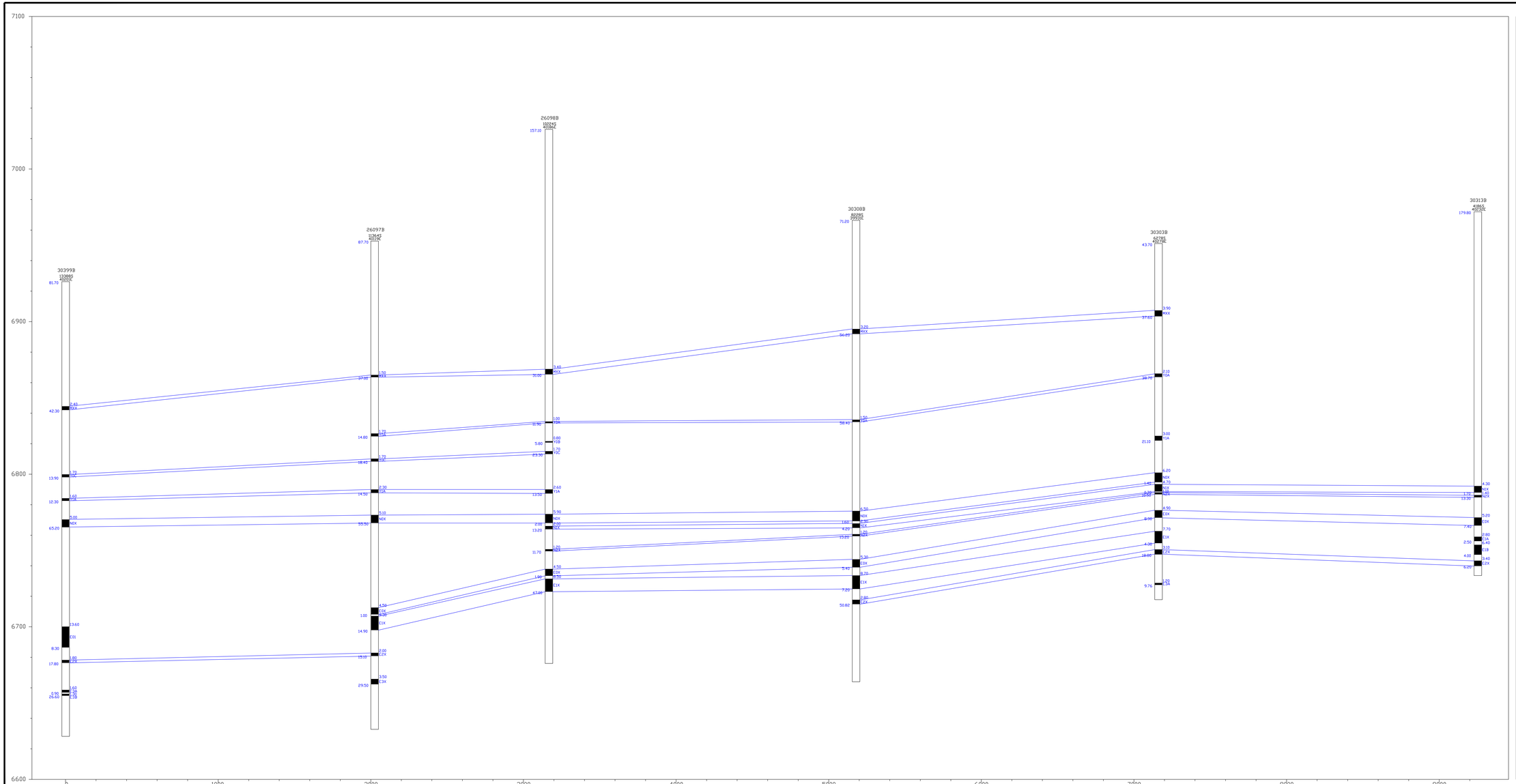
DRILL LOG CROSS-SECTIONS

TYPICAL GEOLOGICAL CROSS SECTION

N10 SECTION #2

H: 1" = 400' V: 1" = 25'

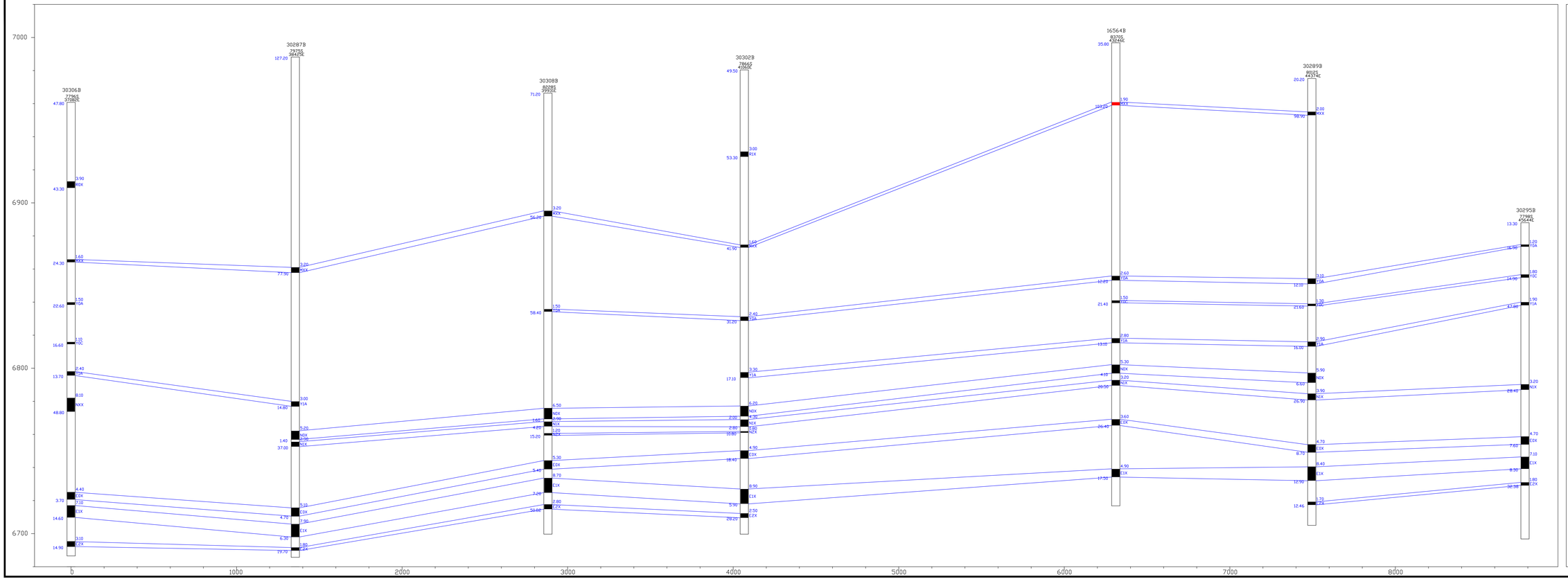
DATE: 10/12/12



KEY LEGEND

PEABODY WESTERN

PEABODY WESTERN COAL COMPANY	
KAYENTA COMPLEX DRILL LOG CROSS-SECTIONS TYPICAL GEOLOGICAL CROSS SECTION N11 EXTENSION SECTION #1	
H: 1" = 200'	V: 1" = 20'
DATE: 10/12/12	



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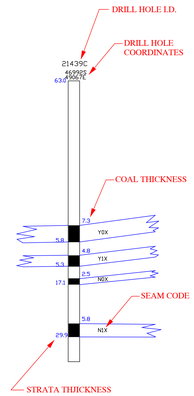


PEABODY WESTERN

PEABODY WESTERN COAL COMPANY

KAYENTA COMPLEX

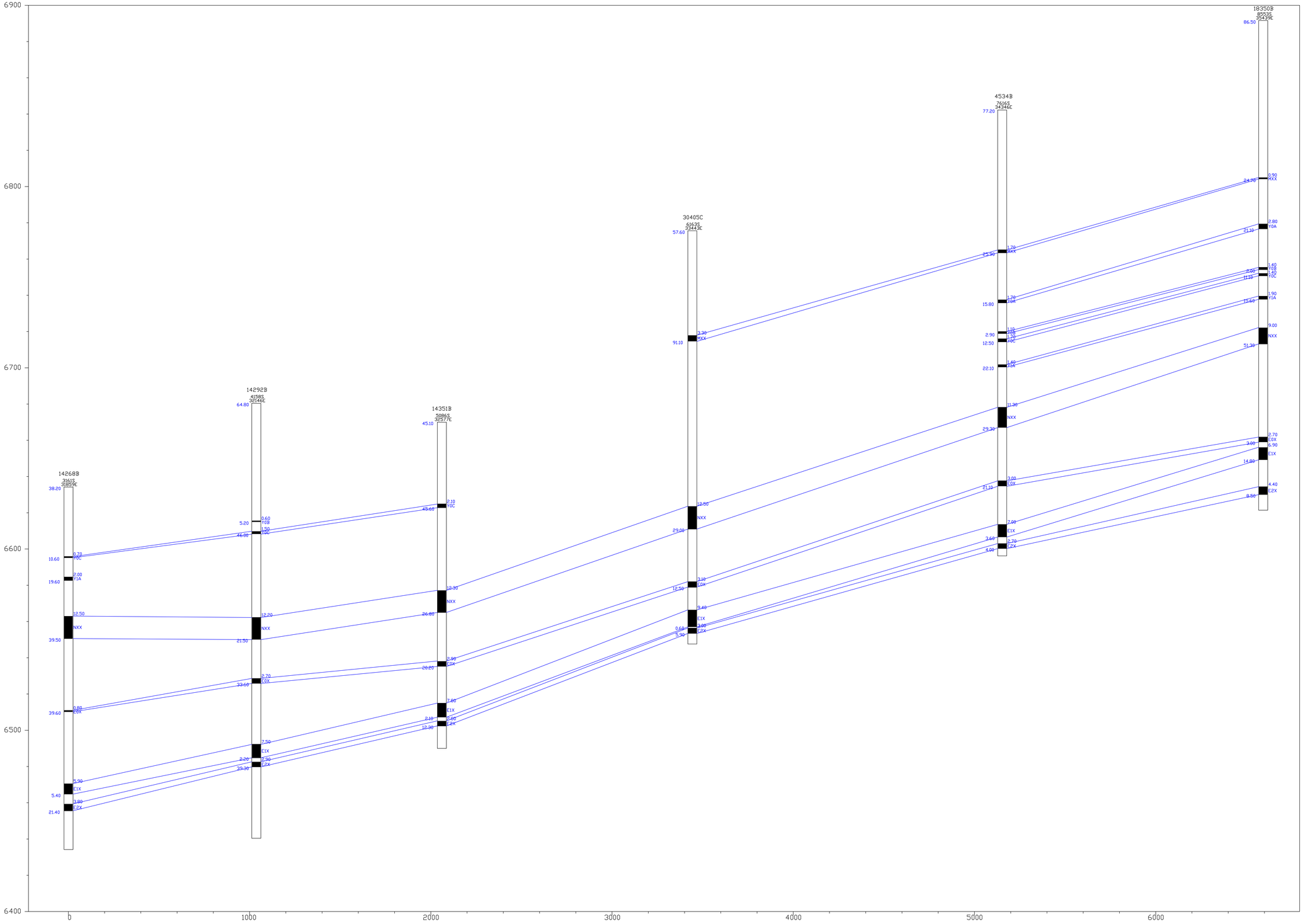
DRILL LOG CROSS-SECTIONS

TYPICAL GEOLOGICAL CROSS SECTION

N11 EXTENSION SECTION #2

H: 1" = 200' V: 1" = 20'

DATE: 10/12/12



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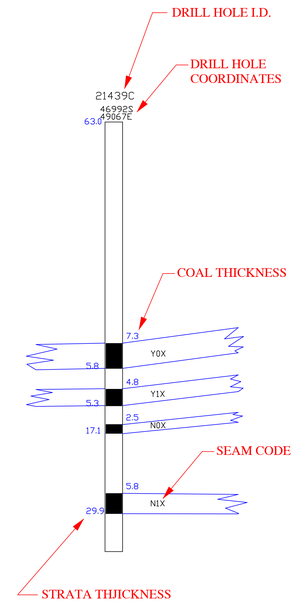
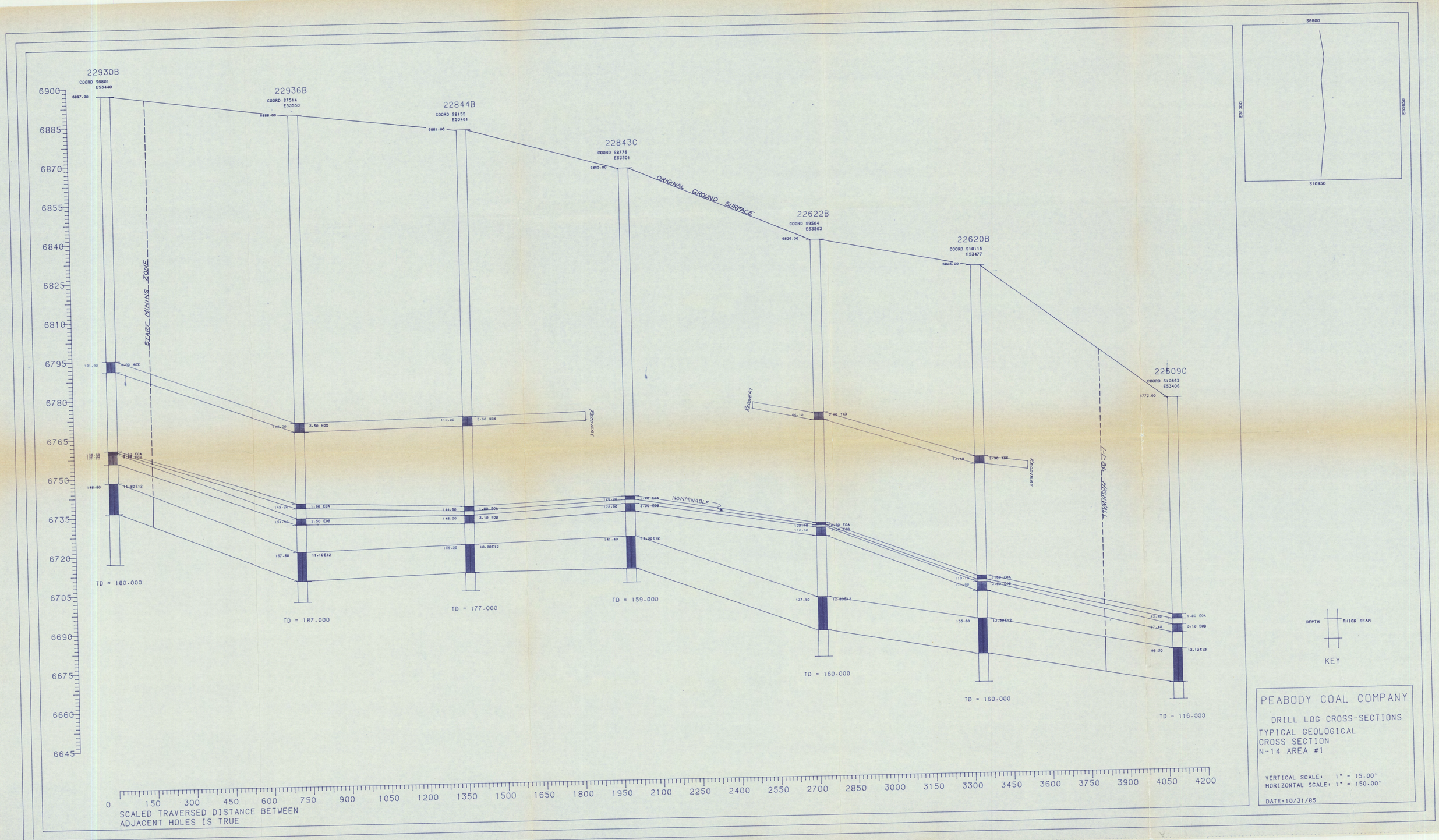
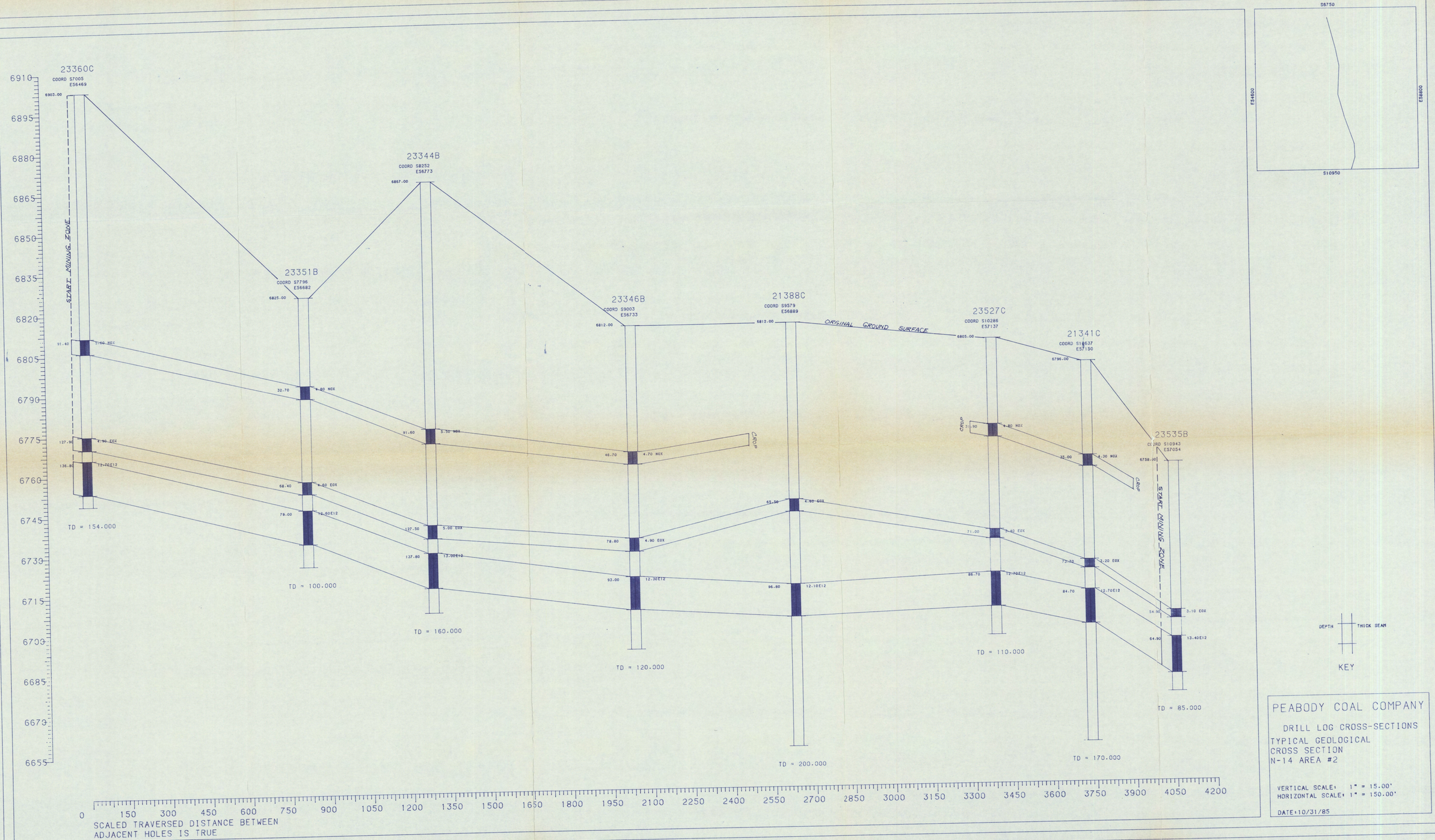


PEABODY WESTERN

PEABODY WESTERN COAL COMPANY
KAYENTA COMPLEX DRILL LOG CROSS-SECTIONS TYPICAL GEOLOGICAL CROSS SECTION N11 EXTENSION SECTION #3
H: 1" = 200' V: 1" = 20'
DATE: 10/12/12


22930B
COORD S6801
E53440
22936B
COORD S7514
E53550
22844B
COORD S8155
E53461
22843C
COORD S8776
E53501
22622B
COORD S9504
E53563
22620B
COORD S10115
E53477
22609C
COORD S10863
E53406
ORIGINAL GROUND SURFACE
START MINING ZONE
NONMINABLE
RECOVERY
I-I-86 HIGHWALL
TD = 180.000
TD = 187.000
TD = 177.000
TD = 159.000
TD = 160.000
TD = 160.000
TD = 116.000
6900
6885
6870
6855
6840
6825
6810
6795
6780
6765
6750
6735
6720
6705
6690
6675
6660
6645
0
150
300
450
600
750
900
1050
1200
1350
1500
1650
1800
1950
2100
2250
2400
2550
2700
2850
3000
3150
3300
3450
3600
3750
3900
4050
4200
SCALED TRAVERSED DISTANCE BETWEEN
ADJACENT HOLES IS TRUE
S6600
S10950
E51300
E55650
DEPTH
THICK SEAM
KEY
PEABODY COAL COMPANY
DRILL LOG CROSS-SECTIONS
TYPICAL GEOLOGICAL
CROSS SECTION
N-14 AREA #1
VERTICAL SCALE: 1" = 15.00'
HORIZONTAL SCALE: 1" = 150.00'
DATE: 10/31/85



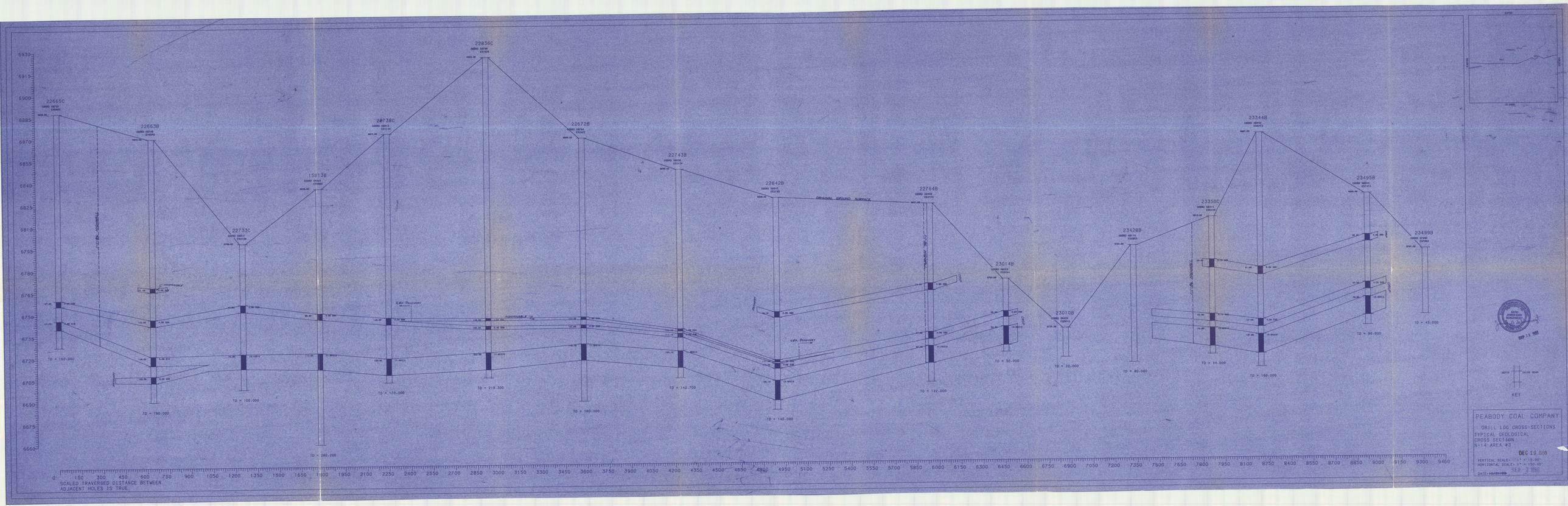
PEABODY COAL COMPANY

DRILL LOG CROSS-SECTIONS

TYPICAL GEOLOGICAL
CROSS SECTION
N-14 AREA #2

VERTICAL SCALE: 1" = 15.00'
HORIZONTAL SCALE: 1" = 150.00'

DATE: 10/31/85



22665C
22663B
22733C
15813B
22738C
22836C
22672B
22743B
22842B
22764B
23014B
23010B
23428B
23350C
23344B
23495B
23499B
ORIGINAL GROUND SURFACE
TD = 160.000
TD = 190.000
TD = 100.000
TD = 280.000
TD = 170.000
TD = 219.300
TD = 180.000
TD = 142.700
TD = 145.000
TD = 122.000
TD = 50.000
TD = 20.000
TD = 80.000
TD = 94.000
TD = 160.000
TD = 90.000
TD = 45.000
SCALED TRAVERSED DISTANCE BETWEEN
ADJACENT HOLES IS TRUE
KEY
PEABODY COAL COMPANY
DRILL LOG CROSS-SECTIONS
TYPICAL GEOLOGICAL
CROSS SECTION
N-14 AREA #3
DEC 19 1986
VERTICAL SCALE: 1" = 15.00'
HORIZONTAL SCALE: 1" = 150.00'
DATE: