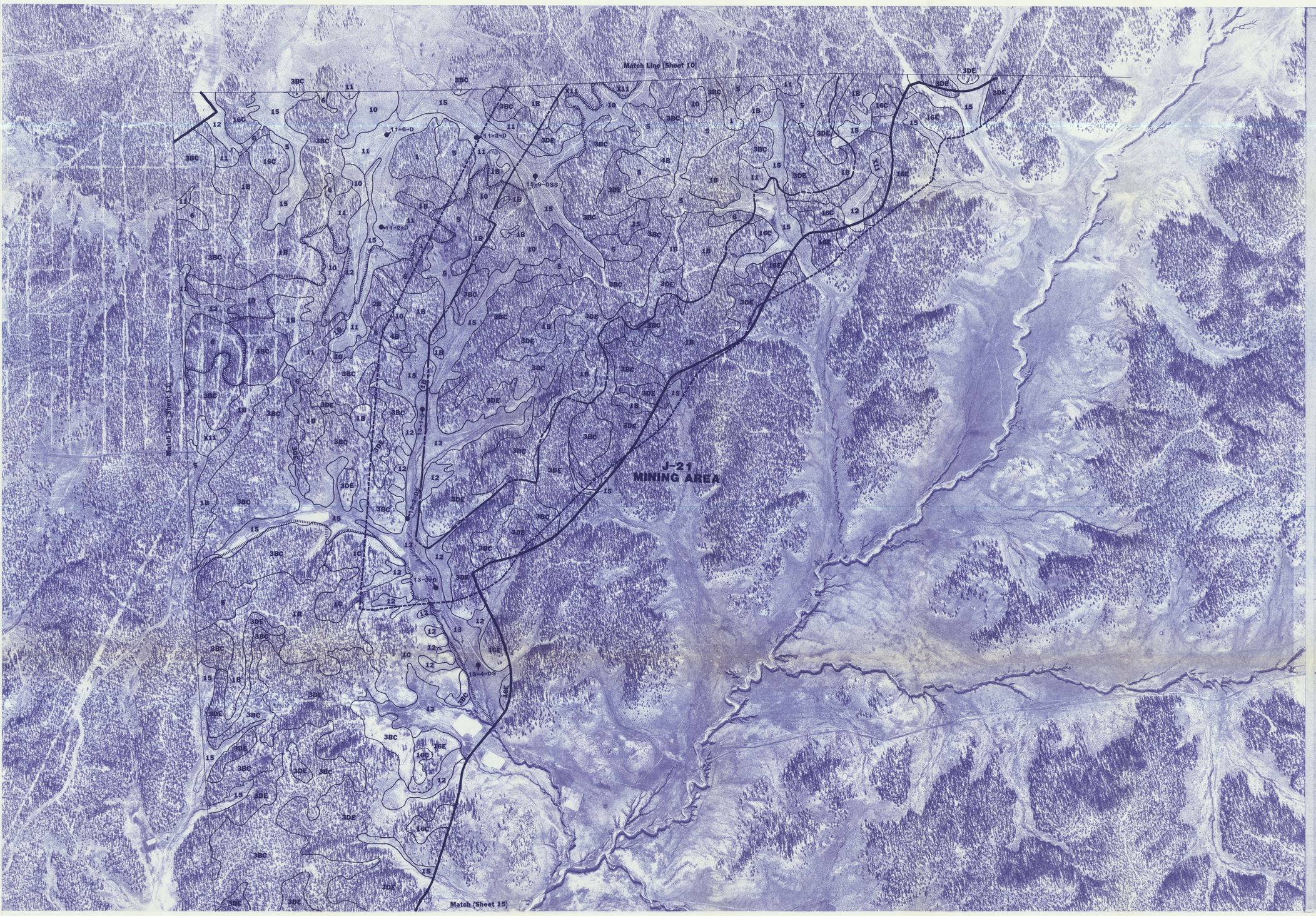
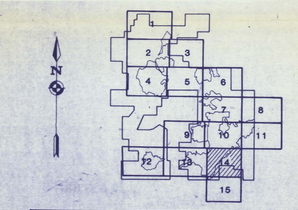


PEABODY COAL COMPANY
BLACK MESA - KAYENTA MINE
DRAWING NO. 85305A

LEGEND

Symbol	Name
1A	Dulce very channery fine sandy loam, 1 to 4 percent slopes
1, 1B	Dulce very channery fine sandy loam, 4 to 8 percent slopes
1C	Dulce very channery fine sandy loam, 8 to 15 percent slopes
1D	Dulce very channery fine sandy loam, 15 to 30 percent slopes
2B	Bond very fine sandy loam, 1 to 8 percent slopes
3A	Zyme - Dulce complex, 2 to 8 percent slopes
3BC	Zyme - Dulce complex, 2 to 15 percent slopes
3C	Zyme - Dulce complex, 6 to 15 percent slopes
3D	Zyme - Dulce complex, 15 to 30 percent slopes
3DE	Zyme - Dulce complex, 15 to 50 percent slopes
3E	Zyme - Dulce complex, 30 to 50 percent slopes
3F	Ustic Torriorthents - Rock outcrop complex, 50 to 80 percent slopes
4A	Zyme very channery loam, 1 to 4 percent slopes
4B	Zyme very channery loam, 4 to 8 percent slopes
4C	Zyme very channery loam, 8 to 15 percent slopes
4D	Zyme very channery loam, 15 to 30 percent slopes
5	Pulpit very fine sandy loam, 2 to 8 percent slopes
6	Sharps very fine sandy loam, 2 to 8 percent slopes
6A	Sharps very fine sandy loam, 1 to 4 percent slopes
6B	Sharps very fine sandy loam, 4 to 8 percent slopes
6C	Sharps very fine sandy loam, 8 to 15 percent slopes
7B	Travessilla - Zyme - Dulce complex, 2 to 6 percent slopes
7C	Zyme - Travessilla - Rock outcrop complex, 6 to 15 percent slopes
7D	Zyme - Travessilla - Rock outcrop complex, 15 to 30 percent slopes
7E	Zyme - Travessilla - Rock outcrop complex, 30 to 50 percent slopes
10	Cahona very fine sandy loam, bedrock substratum, 2 to 8 percent slopes
10A	Cahona very fine sandy loam, bedrock substratum, 1 to 4 percent slopes
10B	Cahona very fine sandy loam, bedrock substratum, 4 to 8 percent slopes
10C	Cahona very fine sandy loam, bedrock substratum, 8 to 15 percent slopes
11	Cahona very fine sandy loam, 1 to 6 percent slopes
11A	Cahona very fine sandy loam, 1 to 4 percent slopes
11B	Cahona very fine sandy loam, 4 to 8 percent slopes
11C	Cahona very fine sandy loam, 8 to 15 percent slopes
G11B	Cahona very fine sandy loam, gravelly substratum, 2 to 8 percent slopes
X11	Cahona - Cahona, bedrock substratum, very fine sandy loams, 2 to10 percent slopes
X11A	Cahona - Cahona, bedrock substratum, very fine sandy loams, 1 to 4 percent slopes
X11B	Cahona - Cahona, bedrock substratum, very fine sandy loams, 4 to 8 percent slopes
X11C	Cahona - Cahona, bedrock substratum, very fine sandy loams, 8 to 15 percent slopes
12	Begay loam, 2 to 10 percent slopes
12A	Begay loam, 1 to 4 percent slopes
12B	Begay loam, 4 to 8 percent slopes
12C	Begay loam, 8 to 15 percent slopes
13, 13A	San Mateo loam, 0 to 3 percent slopes
14A	Oelop very fine sandy loam, 1 to 4 percent slopes
14B	Oelop very fine sandy loam, 4 to 8 percent slopes
15, 15A	Las Lucas sandy clay loam, 2 to 6 percent slopes
16C	Soil A - Soil B extremely channery very fine sandy loams, 4 to 15 percent slopes
16E	Soil A - Soil B extremely channery very fine sandy loams, 15 to 50 percent slopes
16F	Soil A - Soil B extremely channery very fine sandy loams, 50 to 70 percent slopes
17C	Chilton gravelly fine sandy loam, 6 to 15 percent slopes
DL	Disturbed land
TS	Topsoil stockpile
RW	Riverwash
W	Water

Disturbance boundary
Survey area boundary
Crop line
Soil sampling site
Mapping unit delineation
Moist/dry phase demarcation



PEABODY COAL COMPANY
BLACK MESA - KAYENTA MINE
P.O. BOX 625
KAYENTA, ARIZONA 86033

ORDER 1 AND 2
SOIL SURVEY

DRG No 85305A
SHEET No 14 of 15
DRAWN BY PJN
DATE Nov.85
SCALE 1"=400'
C.I. N/A

DRAWN BY	APP'D BY	DATE	REVISION DESCRIPTION
4			
3			
2			
1			

Prepared by: INTERMOUNTAIN SOILS, INC. FEB 28 1986