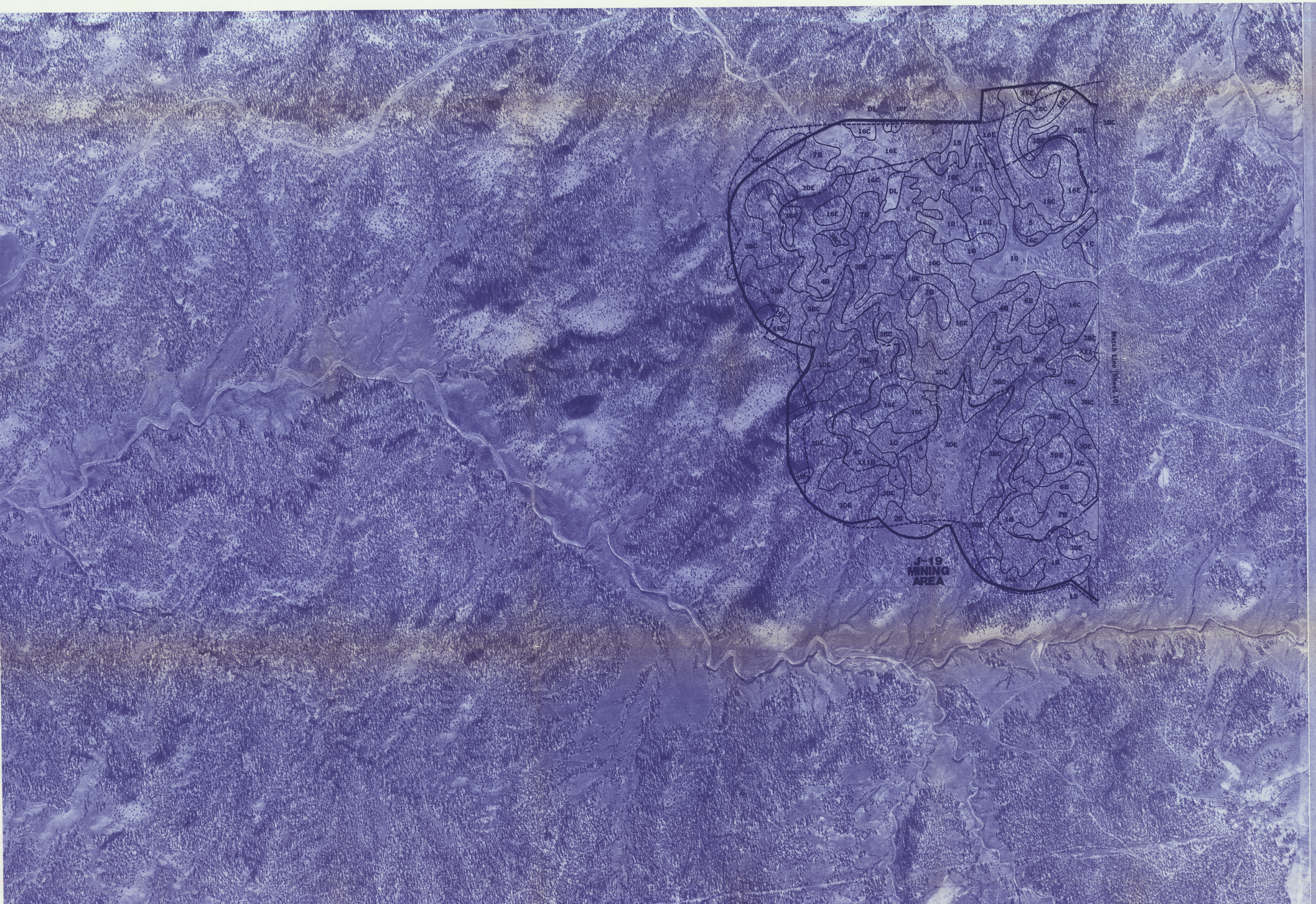
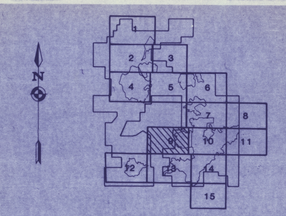


PEABODY COAL COMPANY
BLACK MESA – KAYENTA MINE
DRAWING NO. 85305A

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	Soil sampling site
Survey area boundary	Mapping unit delineation
Crop line	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	9 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			

Prepared by INTERMOUNTAIN SOILS, INC. FEB 28 1986