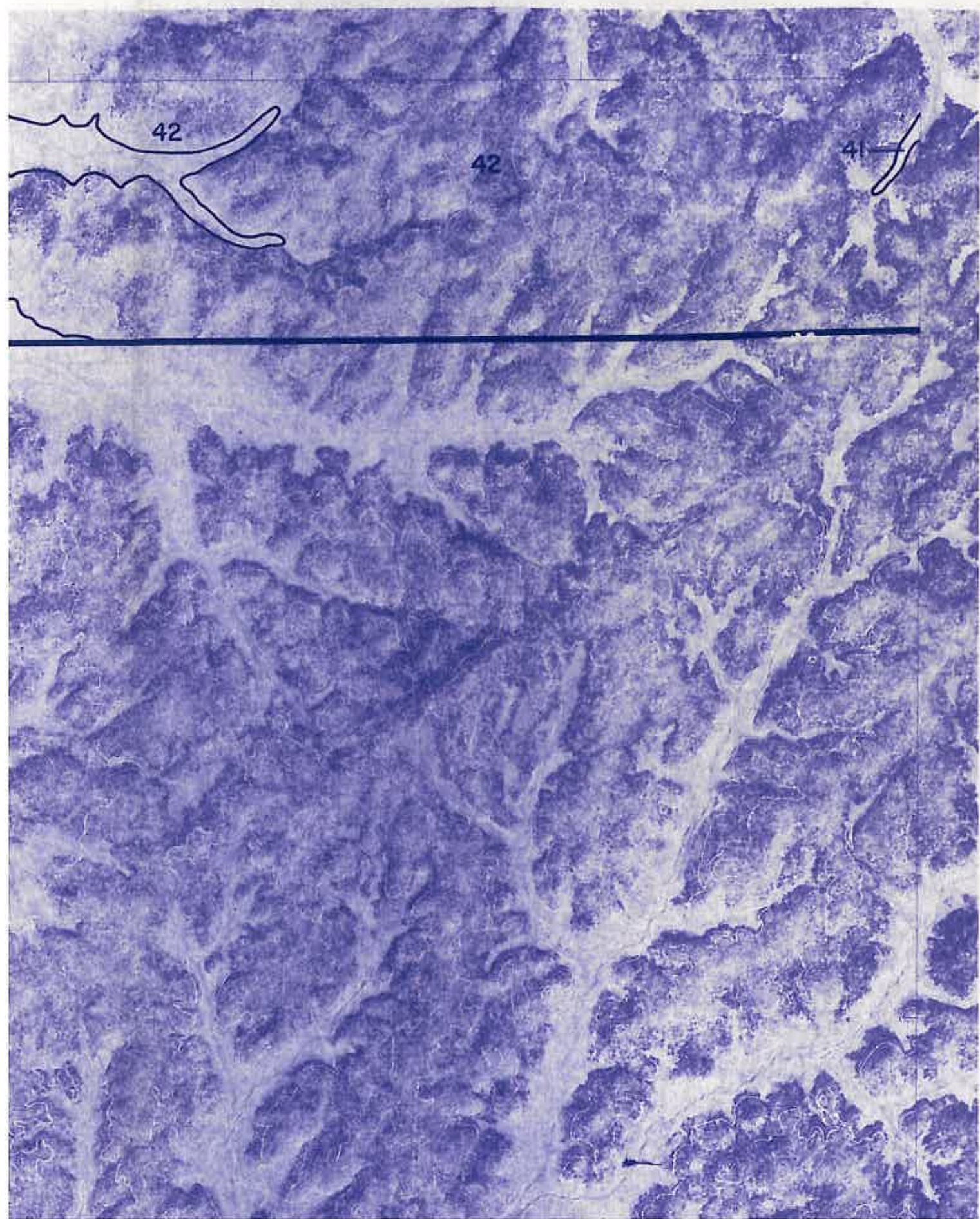


PEABODY COAL COMPANY  
BLACK MESA-KAYENTA MINE  
DRAWING NO. 85300

LEGEND

Symbol	Name
20	Zyme-Cahona-Dulce association, 0 to 30 percent slopes
21	Zyme-Las Lucas complex, 0 to 15 percent slopes
22	Zyme-Las Lucas-Dulce association, 0 to 30 percent slopes
23	Zyme-Dulce complex, severely eroded, 0 to 30 percent slopes
24	Zyme-Dulce association, 8 to 30 percent slopes
25	Zyme-Dulce-Las Lucas association, 0 to 30 percent slopes
26	Cahona-Zyme association, 0 to 30 percent slopes
27	Begay-Las Lucas association, 0 to 8 percent slopes
28	Las Lucas-Zyme-Dulce complex, 0 to 8 percent slopes
29	Dulce gravelly fine sandy loam, 0 to 30 percent slopes
30	Dulce-Zyme association, 15 to 30 percent slopes
31	Dulce-Cahona association, 0 to 30 percent slopes
32	Dulce-Las Lucas association, 0 to 15 percent slopes
33	Dulce-Las Lucas-Zyme association, 8 to 30 percent slopes
34	Pits and dumps
35	Torriorthents, reclaimed
36	San Mateo silt loam, 0 to 8 percent slopes
40	Haplargids-Torriorthents association, undulating to hilly
41	Torrifluvents, nearly level
42	Torriorthents, undulating to hilly
43	Torriorthents, sloping to very steep





RED SLIDE PEAK, AZ. 3856

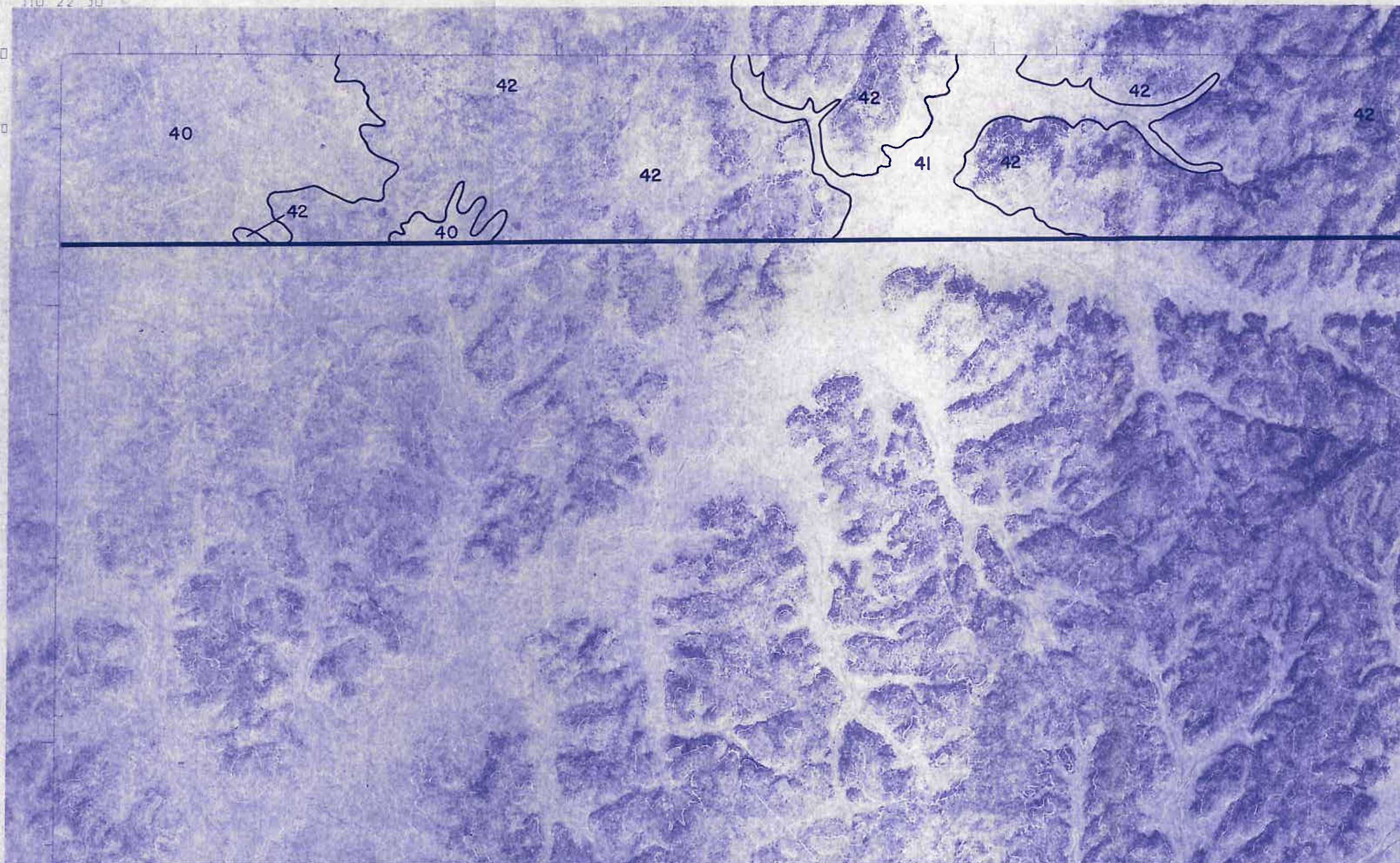
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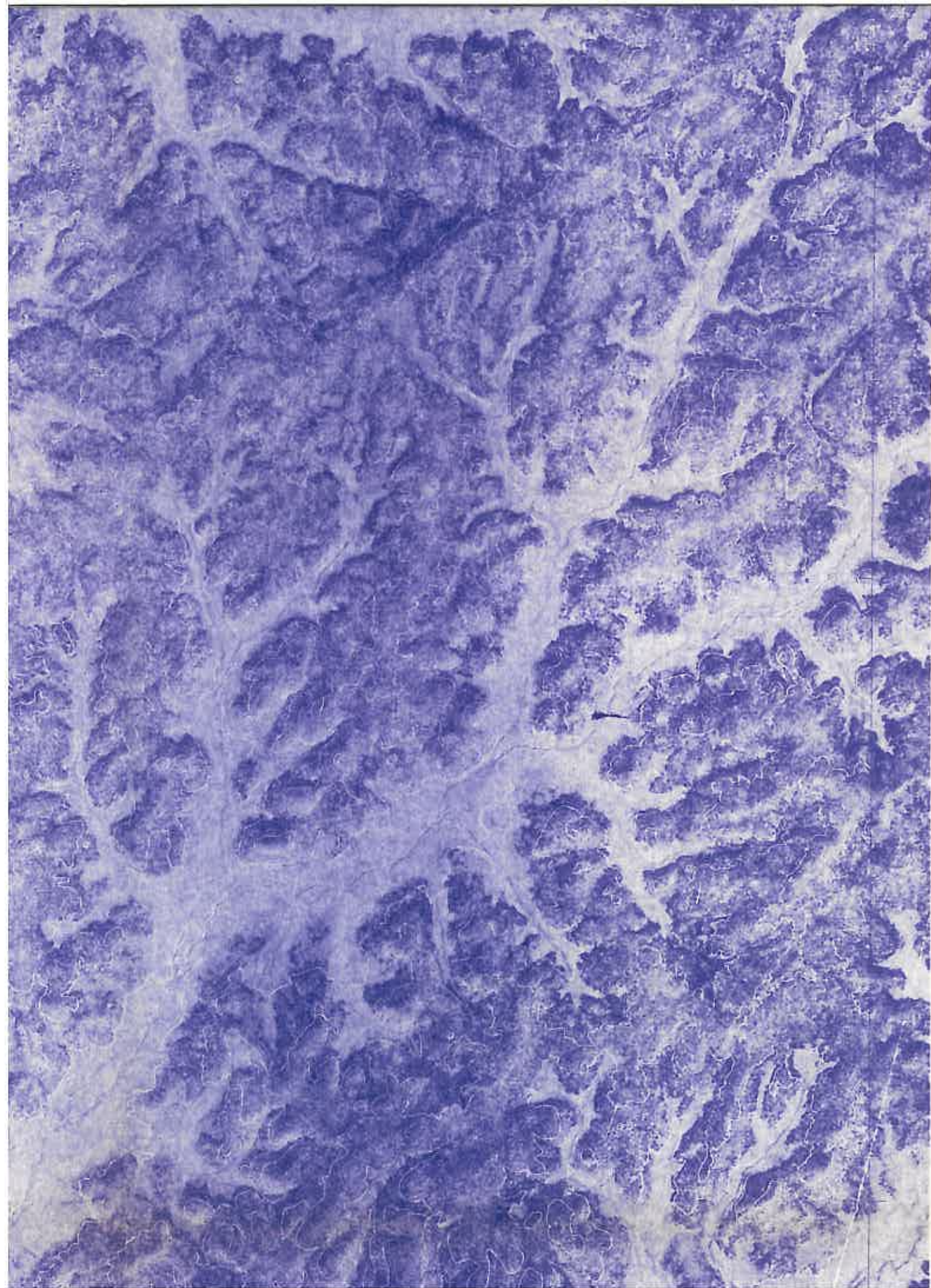
110 22 30

36 22 30

4025000











1950000

- 23 Zyme-Dulce complex, severely eroded, 0 to 30 percent slopes
- 24 Zyme-Dulce association, 8 to 30 percent slopes
- 25 Zyme-Dulce-Las Lucas association, 0 to 30 percent slopes
- 26 Cahona-Zyme association, 0 to 30 percent slopes
- 27 Begay-Las Lucas association, 0 to 8 percent slopes
- 28 Las Lucas-Zyme-Dulce complex, 0 to 8 percent slopes
- 29 Dulce gravelly fine sandy loam, 0 to 30 percent slopes
- 30 Dulce-Zyme association, 15 to 30 percent slopes
- 31 Dulce-Cahona association, 0 to 30 percent slopes
- 32 Dulce-Las Lucas association, 0 to 15 percent slopes
- 33 Dulce-Las Lucas-Zyme association, 8 to 30 percent slopes
- 34 Pits and dumps
- 35 Torriorthents, reclaimed
- 36 San Mateo silt loam, 0 to 8 percent slopes
- 40 Haplargids-Torriorthents association, undulating to hilly
- 41 Torrifluvents, nearly level
- 42 Torriorthents, undulating to hilly
- 43 Torriorthents, sloping to very steep

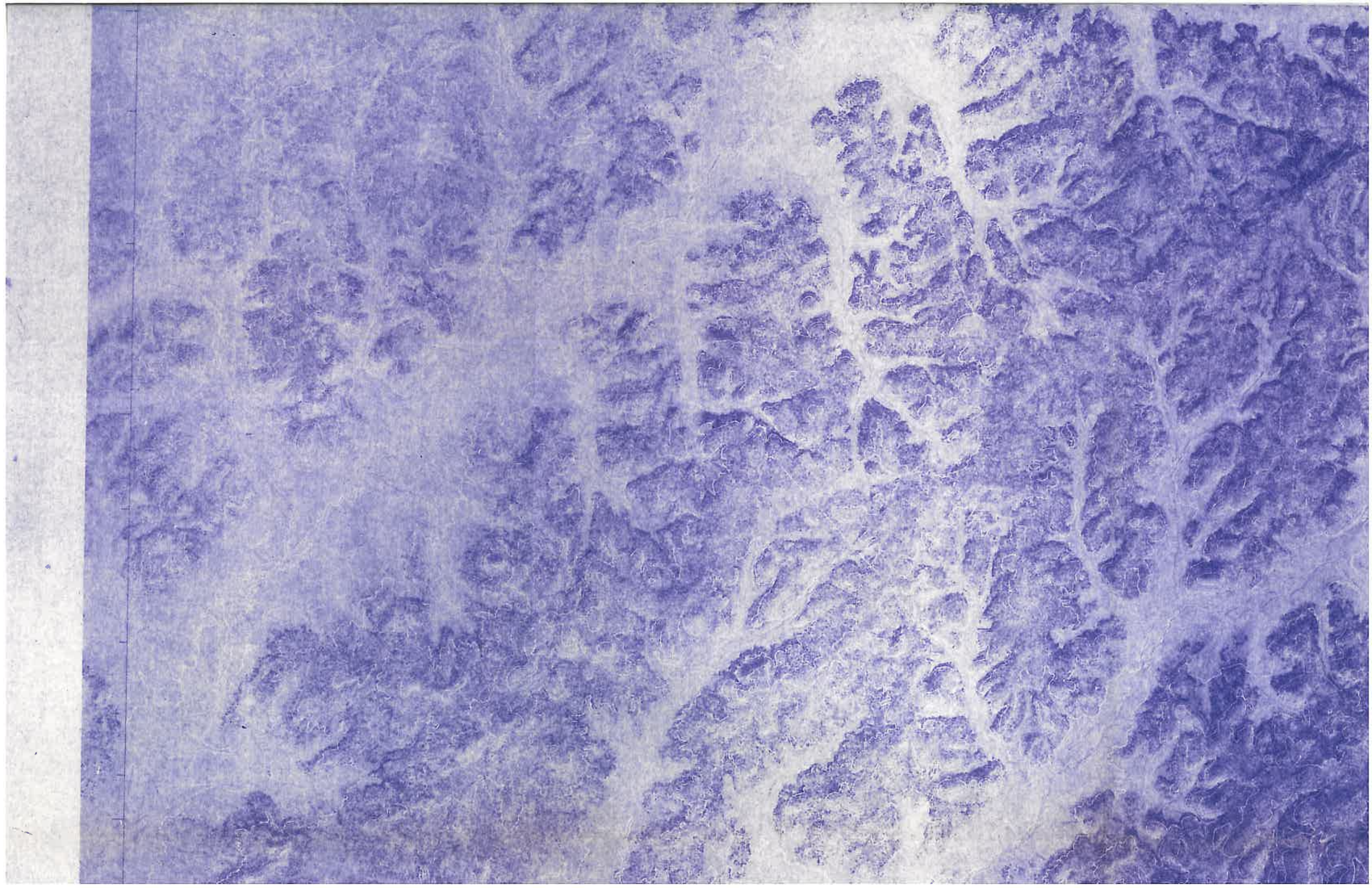
-  Order 1 and 2 survey boundary
-  Order 3 and 4 survey boundary
-  Project area boundary
-  Mapping unit delineation

### Sheet Index:

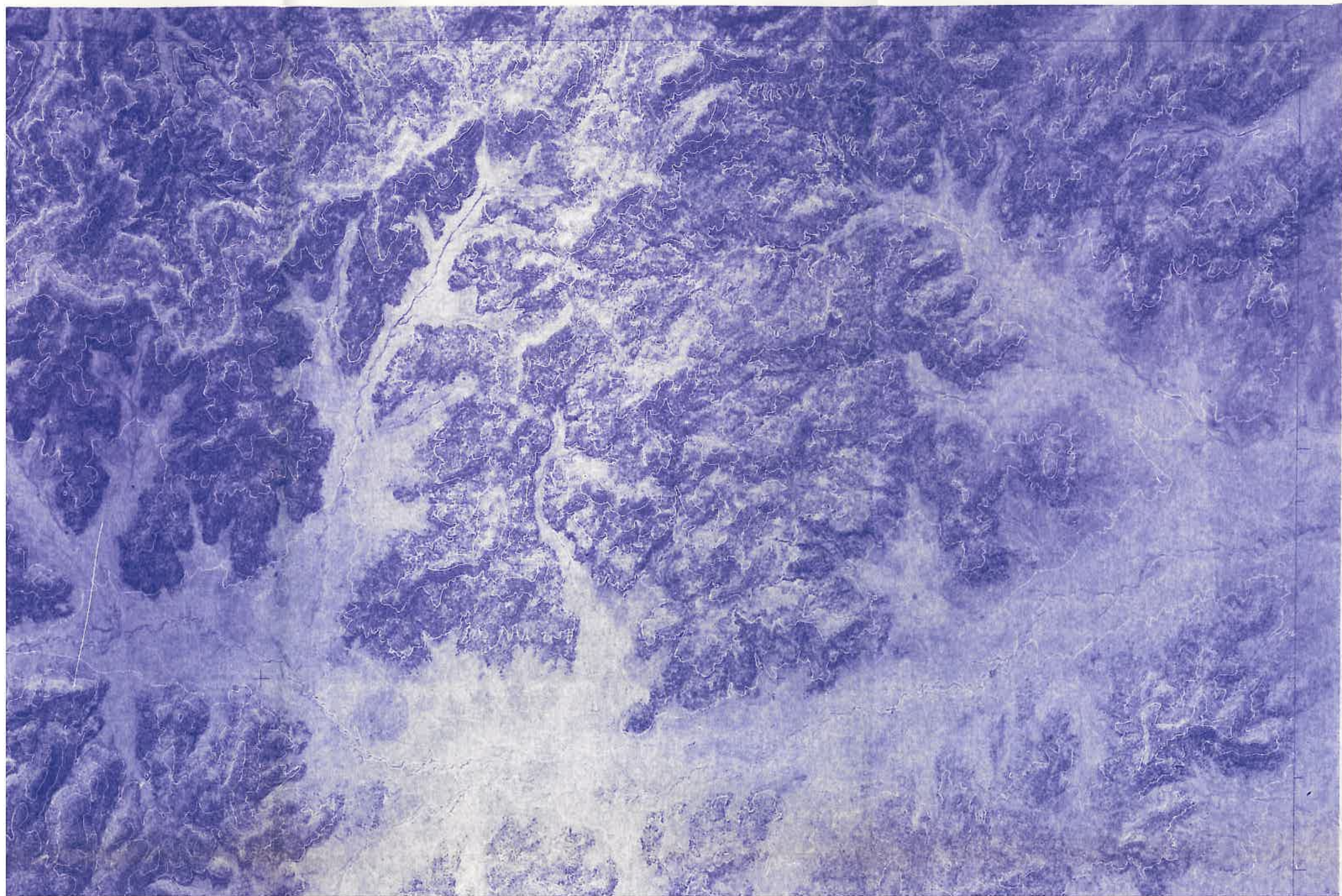
ARIS ORTHOPHOTOQUAD, PHOTO DATE 7-25-73





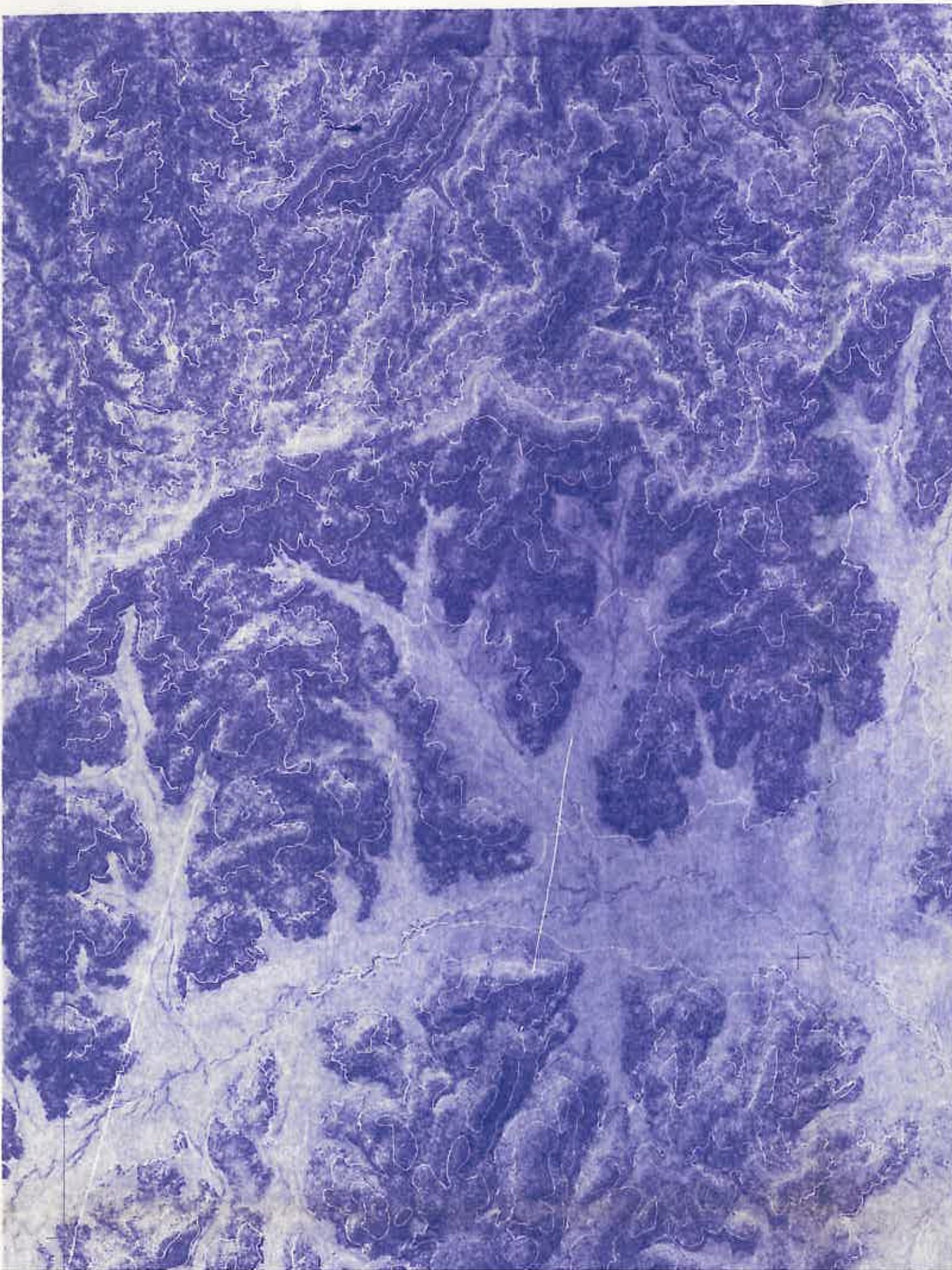




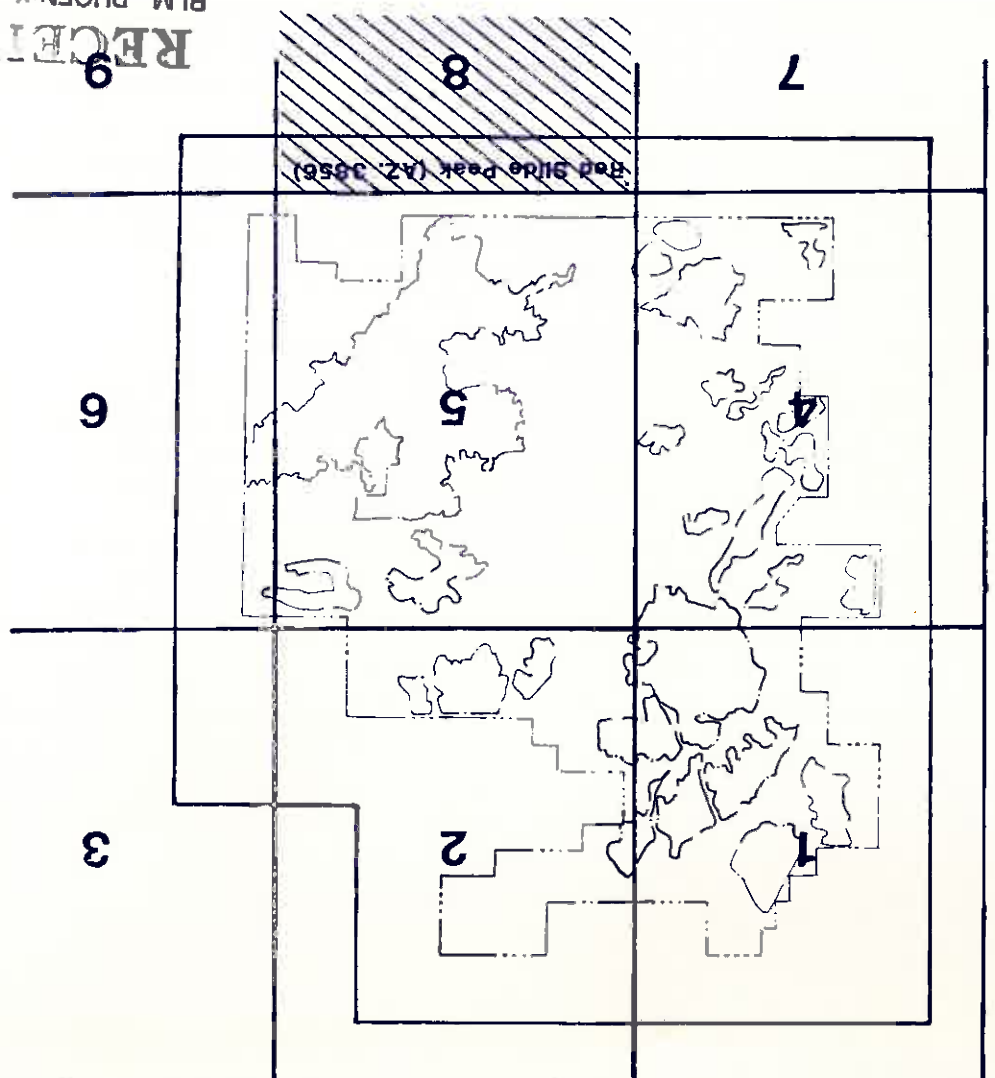


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9  
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PEABODY COAL COMPANY  
BLACK MESA-KAYENTA MINES  
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7 8 9 10 11 12 13 14 15 16

P.O. BOX 625  
KAYENTA, ARIZONA 86033

DRG No: 85300		SHEET No 8 of 8		DRAWN BY PJN		DATE NOV. 85		SCALE 1:24000		C.L. N/A	
ORDER 3 AND 4		SOIL SURVEY		APPROVED BY		DATE		REVISION DESCRIPTION		INTERMOUNTAIN SOIL, INC.	