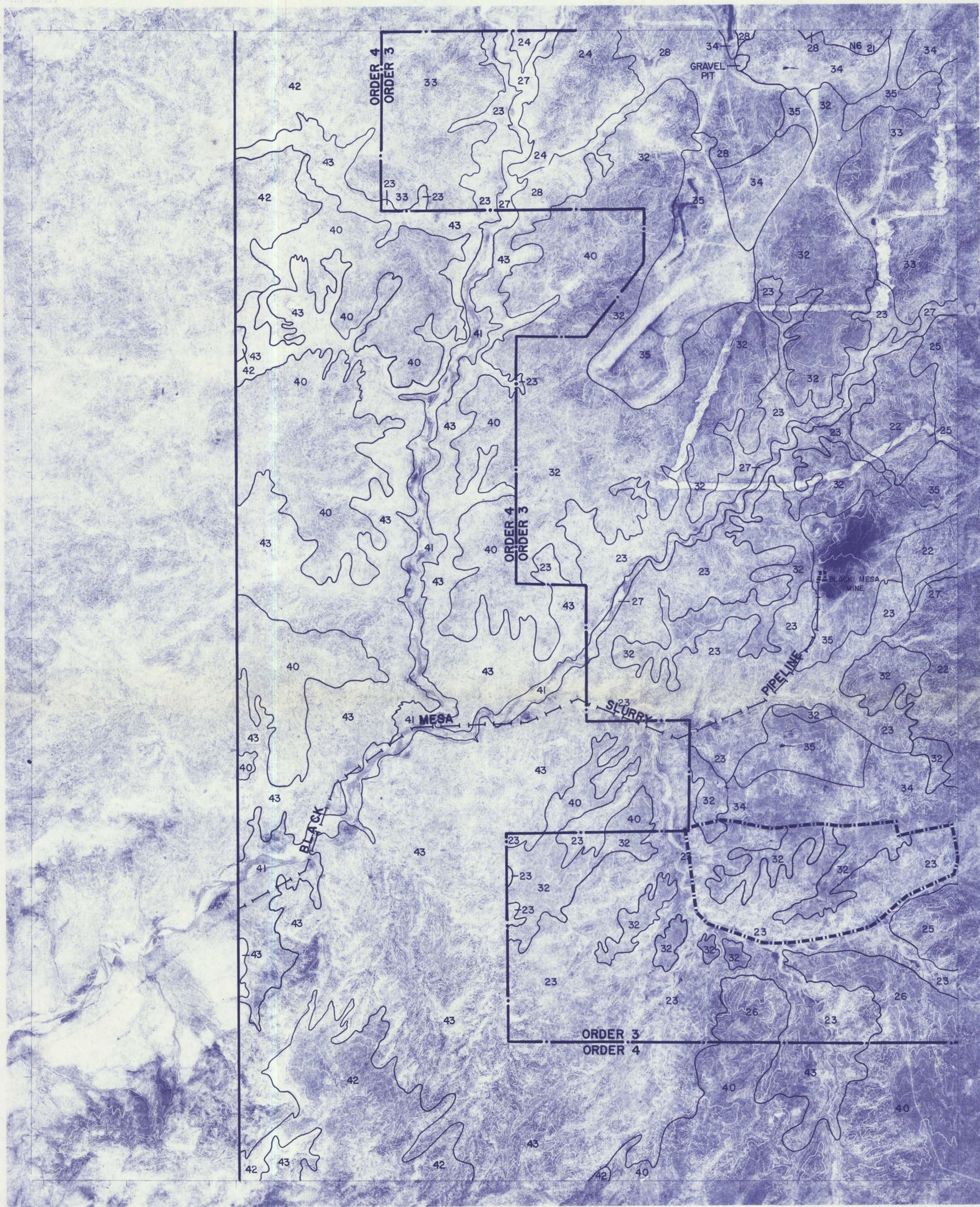


**PEABODY COAL COMPANY
BLACK MESA-KAYENTA MINE
DRAWING NO. 85300**

LEGEND

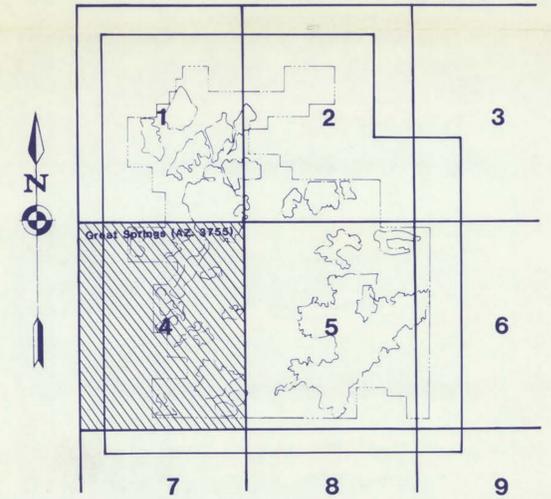
Symbol	Name
20	Zyme-Cahona-Dulce association, 0 to 30 percent slopes
21	Zyme-Las Lucas complex, 0 to 15 percent slopes
22	Zyme-Las Lucas-Dulce association, 0 to 30 percent slopes
23	Zyme-Dulce complex, severely eroded, 0 to 30 percent slopes
24	Zyme-Dulce association, 8 to 30 percent slopes
25	Zyme-Dulce-Las 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

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



Sheet Index:

ARIS ORTHOPHOQUAD, PHOTO DATE 7-25-73



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

**ORDER 3 AND 4
SOIL SURVEY**

4					DRG No 85300
3					SHEET No 4 of 9
2					DRAWN BY P.J.N.
1					DATE NOV. 85
					SCALE 1:24,000
					C.I. N/A
					REVISION DESCRIPTION
					Prepared by INTER MOUNTAIN SOILS, INC.