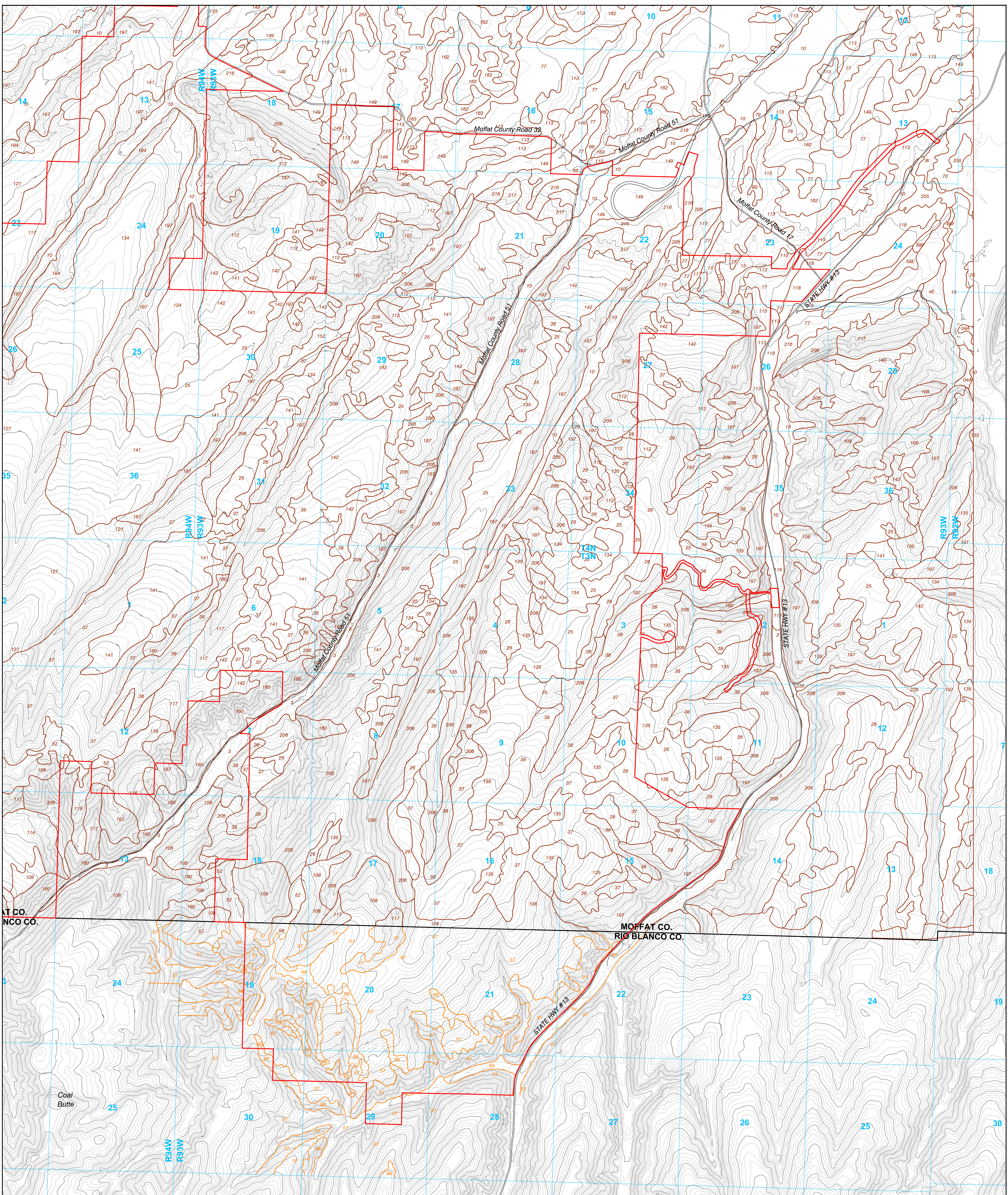




LEGEND

- PERMIT BOUNDARY
- SECTION LINE
- SOIL MAPPING BOUNDARY, MOFFAT COUNTY
- 108 SOIL MAP UNIT SYMBOL, MOFFAT COUNTY
- SOIL MAPPING BOUNDARY, RIO BLANCO COUNTY
- 57 SOIL MAP UNIT SYMBOL, RIO BLANCO COUNTY

MOFFAT COUNTY SOILS: WITHIN THE PERMIT AREA			RIO BLANCO COUNTY SOILS: WITHIN THE PERMIT AREA	
(NEW)	(OLD)		PUBLICATION MAP SYMBOL	MAPPING UNIT NAME
3	188	ADDERTON LOAM, 1-10% SLOPES	57	OWEN CREEK-JERRY-BRUNETTE LOAMS, 5-35% SLOPES
10	038	BATTLEMENT FINE SANDY LOAM, 0-3% SLOPES	77	RYHONEN-NORTHWATER-LAMPHIER LOAMS, 3-50% SLOPES
25	190	CAMPSPASS FINE SANDY LOAM, 3-12% SLOPES	84	SILAS VARIANT LOAMS, 1-3% SLOPES
26	19E	CAMPSPASS FINE SANDY LOAM, 12-25% SLOPES	91	TORRORHENTIS-ROCK OUTCROP COMPLEX, 15-30% SLOPES
37	14E	COCHETOPA LOAM, 12-25% SLOPES	98	WAYNE-VANDAMORE VARIANT-ROCK OUTCROP COMPLEX, 5-35% SLOPES
38	14F	COCHETOPA LOAM, 25-65% SLOPES		
39	14D	COCHETOPA LOAM, WARM, 3-12% SLOPES		
52	15	DANAVORE-WAYNE COMPLEX, 5-30% SLOPES		
52	7C	EWART LOAM, 1-12% SLOPES		
57	AW	FLUVAQUENTS AND HAPLAQUOLS SOILS, FREQUENTLY FLOODED		
57	28D	FORELLE LOAM, 3-12% SLOPES		
108	22	JERRY-COCHETOPA COMPLEX, 5-35% SLOPES		
112	105	KEMMERER - MOTTSON SILTY CLAY LOAMS, 20-40% SLOPES		
113	111D	KEMMERER - YAMMO COMPLEX, 5-30% SLOPES		
117	20F	LAMPHIER-JERRY COMPLEX, 25-65% SLOPES		
118	69	LANDER LOAM, 0-3% SLOPES		
134	17D	MORAPPOS LOAM, 3-12% SLOPES		
135	17E	MORAPPOS LOAM, 12-25% SLOPES		
141	17SD	NORTEZ, COOL-MORAPPOS LOAM, 3-12% SLOPES		
142	17SE	NORTEZ, COOL-MORAPPOS COMPLEX, 12-25% SLOPES		
149	33D	PINELLE LOAM, 3-12% SLOPES		
152	68	ROCK RIVER SANDY LOAM, 3-12% SLOPES		
160	61	ROCK RIVER SANDY LOAM, 25-65% SLOPES		
162	62D	ROCK RIVER SANDY LOAM, 12-25% SLOPES		
163	62E	TORRORHENTIS-ROCK OUTCROP SANDSTONE COMPLEX, 25-75% SLOPES		
197	101	TOPTORTWENTY, FRIGID-BURROLLS COMPLEX, 25-75% SLOPES		
208	103	YAMMO LOAM, 3-15% SLOPES		
216	32D	YAMMO LOAM, 15-30% SLOPES		
217	32E	YAMMO LOAM, 15-30% SLOPES		

Sources: USDA Natural Resources Conservation Service, 2002. Soil survey of the Moffat County Area, Colorado (unpublished). NRCS, Craig, Colorado. NRCS, 1983. Soil Survey for Rio Blanco County, Colorado. Coloway Coal Company, 1991.

1200' 0 1200' 2400'

CONTOUR INTERVAL 25 FT.

Premiere Topo

N

W

E

S

ENGINEERS CERTIFICATION

I, LEE E. SAMPSON, hereby certify that this map has been reviewed by me and is true and correct to the best of my knowledge and information, relying on information supplied by experts employed by Coloway Coal Company or qualified consultants working for Coloway Coal Company, and that I am a Professional Engineer licensed in Colorado as required by the provisions of C.R.S. 12-25-101 through C.R.S. 12-25-119. IN WITNESS WHEREOF, I have hereunder set my hand and affixed my seal.

47031

8/15/22

LEE E. SAMPSON

PROFESSIONAL ENGINEER

SOILS ORDER III SURVEY

SCALE: 1" = 1200'

DATE: 8/10/08

DRAWN BY: TCE/SL

APPROVED BY:

DRWG NO. MAP 5A

No.	REVISION	DATE	BY	CHK
RN-07	Permit Boundary Updated, Revised Paper Size	4/2/18	Tony	AA
TR-135	Updated Permit Boundary	12/20/19	Tony	AA
TR-141	Updated Permit Boundary	8/13/20	Tony	AA
TR-155	Updated Permit Boundary	8/15/22	Tony	Tony

NOTE: SOIL BOUNDARIES BETWEEN MOFFAT AND RIO BLANCO ARE CLOSED OFF AT THE COUNTY LINE