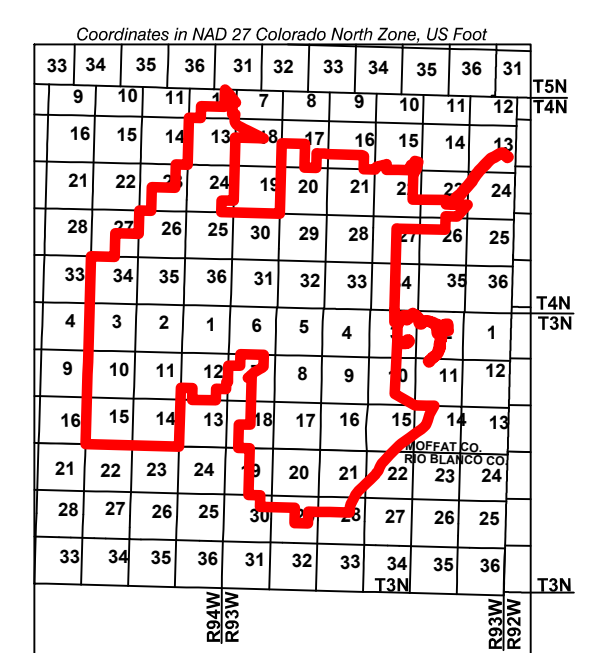
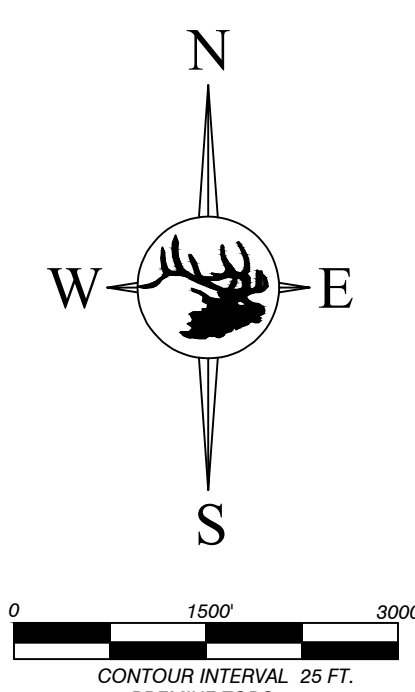


LEGEND

- PERMIT BOUNDARY
- SECTION LINE
- GEOLOGICAL CONTACT
- FAULT
- Kwf** WILLIAMS FORK FORMATION
- Ki** ILES FORMATION
- Km** MANCOS SHALE

- ANTICLINE-SHOWING TRACE OF AXIAL PLANE AND DIRECTION OF PLUNGE
- SYNCLINE-SHOWING TRACE OF AXIAL PLANE AND DIRECTION OF PLUNGE
- STRIKE WITH 0 - 3 DEGREE DIP
- STRIKE WITH 3 - 10 DEGREE DIP \*
- STRIKE WITH 10 - 25 DEGREE DIP \*
- CROSS SECTIONS (FIGURES 2.04.6 SHEETS 1 & 2)

- B BURN AREAS (NOT ALL AREAS SHOWN) \*
- Q SURFICIAL DEPOSITS, UNDIFFERENTIATED. \* INCLUDES SOME AREAS OF BURN.
- Qls LANDSLIDE DEPOSITS \*
- Qv VALLEY FILL DEPOSITS
- \* From: Photogeologic map of an area in Rio Blanco and Moffat Counties, Colorado. By: Intrasearch, Denver, Colorado (unpublished) and field geology



ENGINEERS CERTIFICATION  
I, BRIAN W. COATES, 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 Colowyo Coal Company or qualified consultants working for Colowyo 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. 12-25-110. IN WITNESS WHEREOF, I have hereunder set my hand and affixed my seal.



REGIONAL GEOLOGY



Colowyo Coal Company  
A Colowyo Energy Company

SCALE: 1" = 1000'  
DATE: 8/13/20  
DRAWN BY: JCP  
APPROVED BY: [Signature]

MAP 7A

No.	REVISION	DATE	BY	CHK
7A-100	Updated Permit Boundary	12/30/16	TCNY	AA
7A-07	Updated Permit Boundary, Revised Paper Size	12/30/16	TCNY	AA
7A-130	Updated Permit Boundary and Removed Shadings	12/30/19	TCNY	AA
7A-141	Updated Permit Boundary	8/13/20	TCNY	AA

Note: Q means Quaternary