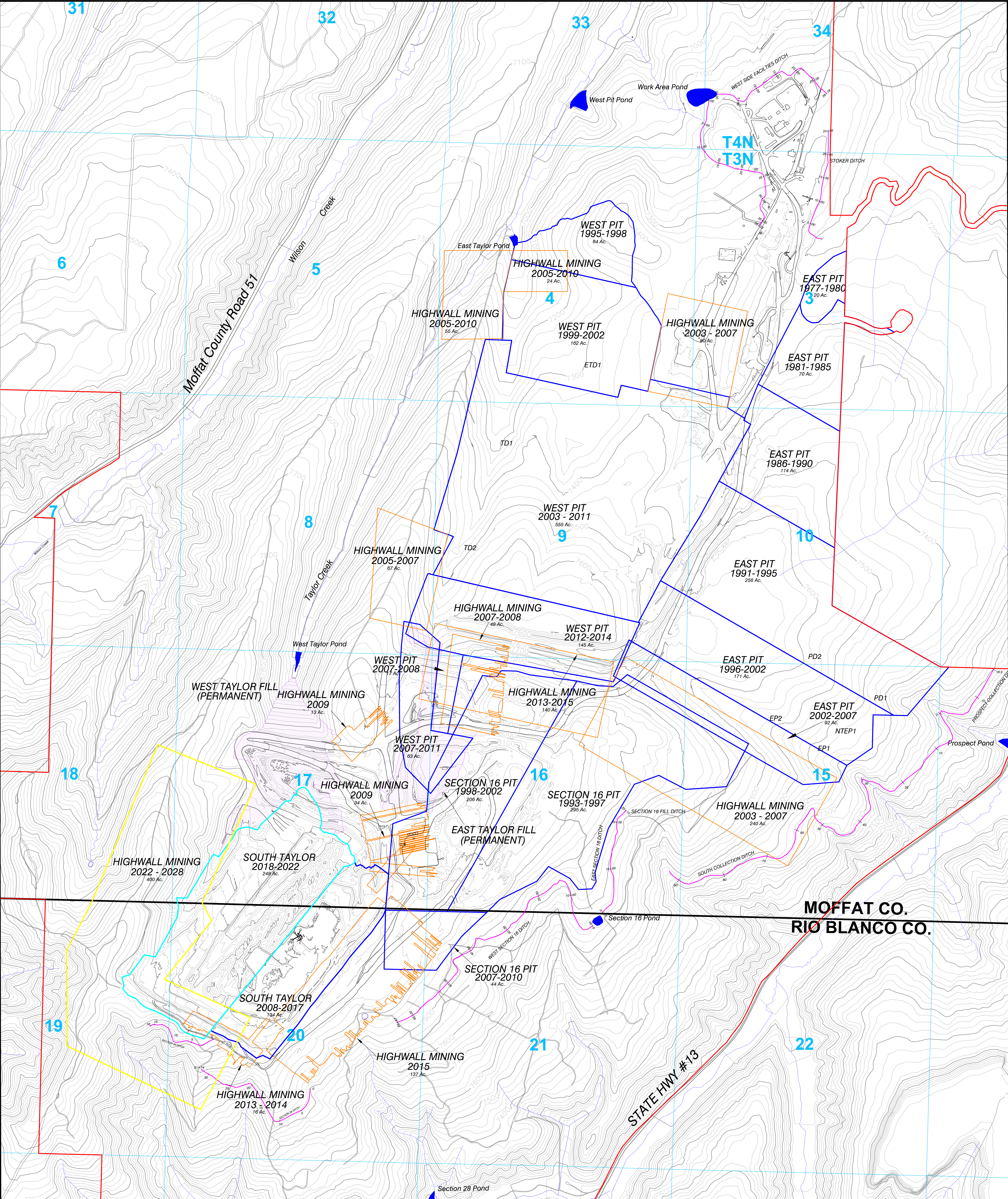




LEGEND

Permit Boundary

Section Line

Roads

Facilities or Buildings

Previously Mined Areas

Current Mining Areas

Highwall Mining Areas (Completed)

Current Highwall Mining Areas

Permanent Valley Fill
See Exhibit 21, Item 1

Sediment Ponds

Streams

Temporary Conveyance Ditches

Notes:

- Map 45 provides the details for the temporary spoil piles.
- Maps 19 and 20A provide pre and post mining profiles for the West and East Pits.
- Maps 19B and 20B provide pre and post mining profiles for the South Taylor Pit.
- Map 12 provides sediment ponds and ditches used during mining.

ENGINEERS CERTIFICATION

I, LEE E. SAMMONS, 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. 12-25-119. IN WITNESS WHEREOF, I have hereunder set my hand and affixed my seal.

LEE E. SAMMONS
4/26/21
PROFESSIONAL ENGINEER

Current & Historical Mine Plan
West, East, South Taylor and Section 16 Pits

Colowyo COAL COMPANY
1731 State Highway 13
Moffat, Colorado 81401

Map 23

No.	REVISION	DATE	BY	CHK
TR-100	Include F1 Seem Highwall Mining Exclusion Area	9/17/13	TONY	JG
TR-136	Updated Permit Boundary and Made Blocks Historical	12/20/19	TONY	JG
TR-141	Updated Permit Boundary & Consolidated with Map 23A	8/13/20	TONY	BC
TR-141	Revised Notes, Hatched Permanent Fill Locations	9/17/20	TONY	BC
TR-147	Revised Highwall Mining Blocks and Timing and South Taylor Mine Plan Timing	4/26/21	TONY	LES