COMPOSITE COLUMNAR SECTION*

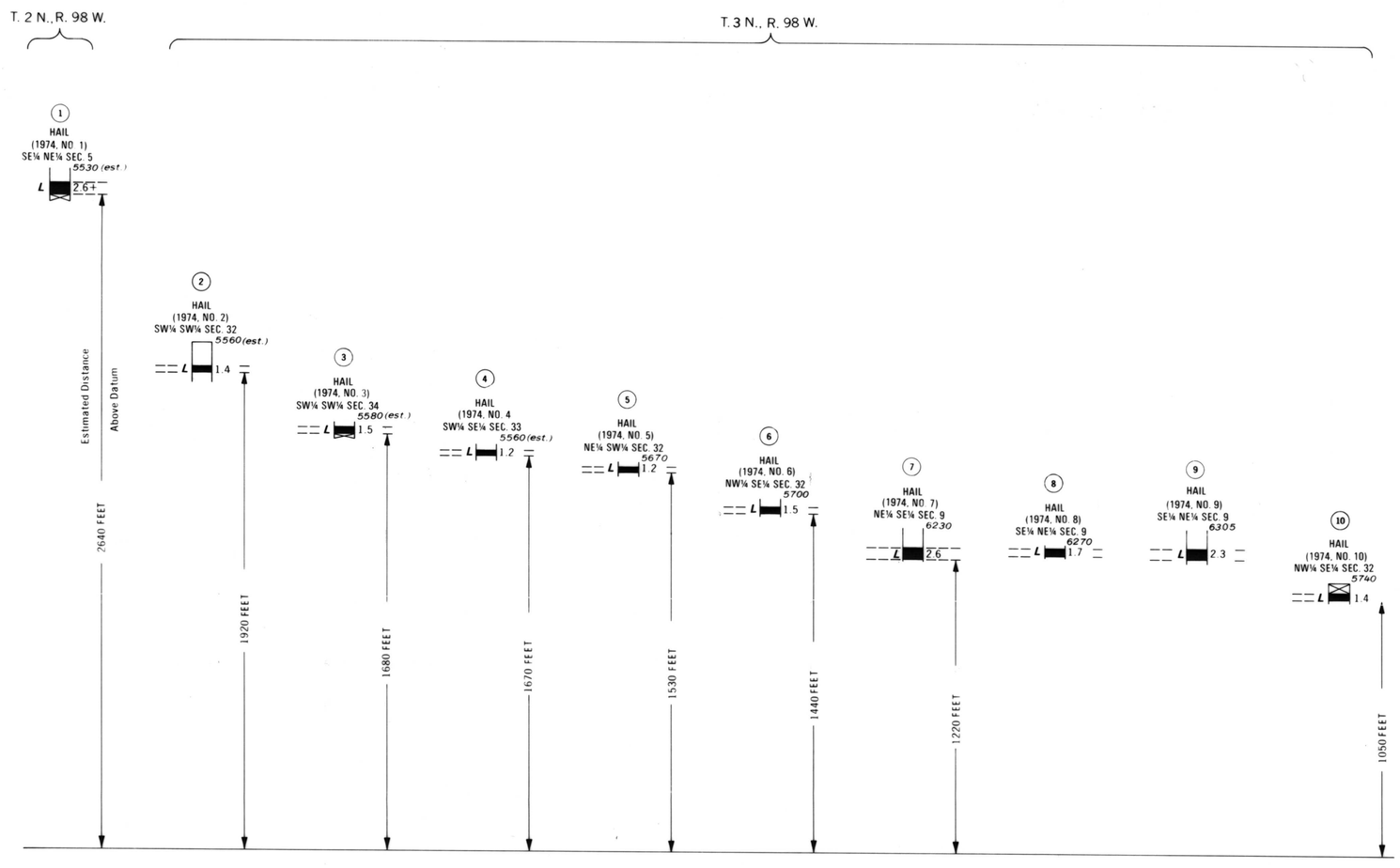
SYSTEM	SERIES	FORMATION	COAL BED NAME	LITHOLOGIC DESCRIPTION
TERTIARY	PALEOCENE	FORT UNION FORMATION		1. Shale and sandstone interbedded; brown to gray shale, some carbonaceous shale and shaley coal beds; gray, thin bedded sandstone; minor siltstone, and clay-pebble conglomeratic claystone
				2. Claystone and sandstone interbedded; claystone, olive green to gray; sandstone, light brown to light gray, lenticular, crossbedded to massive; minor siltstone, mudstone carbonaceous shale, and limestone
				3. Sandstone, light brown to white, massive to crossbedded, very sparse chert quartzite pebbles.
				4. Sandstone and shale interbedded; sandstone, light gray to brown, mostly fine grained; Shale, gray; greenish gray, light brown; some carbonaceous shale with lenticular coal beds. Upper part contains abundant concretions, not shown in columnar section) most important coal beds in lower part of formation.
				5. Sandstone, light gray to light brown, fine-to medium-grained, massive to crossbedded; lower part interbedded with mudstone, carbonaceous shale and sparse thin coal beds, claystone in upper part.
				6. Shale, brown-weathering, locally silty to sandy, containing abundant concretions; some sandstone beds near top.
		OHIO CREEK FM.		
CRETACEOUS	UPPER CRETACEOUS	WILLIAMS FORK FORMATION	Local	
			Local	
			Local	
			Local	
			Local	
			Local	
			Local	
			Main coal zone	
			Local	
		ILES FORMATION	Local	
			Local	
			Local	
			Local	
		MANCOS SHALE		

Meters 0, 50, 100, 150, 200, 250, 300 — Feet 0, 200, 400, 600, 800, 1000

Vertical scale

*From Hail, W.J. Jr., 1974, U.S. Geological Survey Map GQ 1195 of the Rough Gulch Quadrangle

CORRELATION OF COAL BEDS IN MEASURED SECTIONS



EXPLANATION

79 — index number

HAIL (1974, NO. 79) NW¼ NE¼ SEC. 35 5545 — Measured section name; Measured section location; Altitude in feet of top of measured section (when estimated est.)

L 2.7 / 0.9 / 3.8 — Coal interbedded with rock, total coal thickness / total rock thickness in feet

No record of lithology

L 1.5 — Coal bed showing thickness in feet

Rock interval

L 2.9

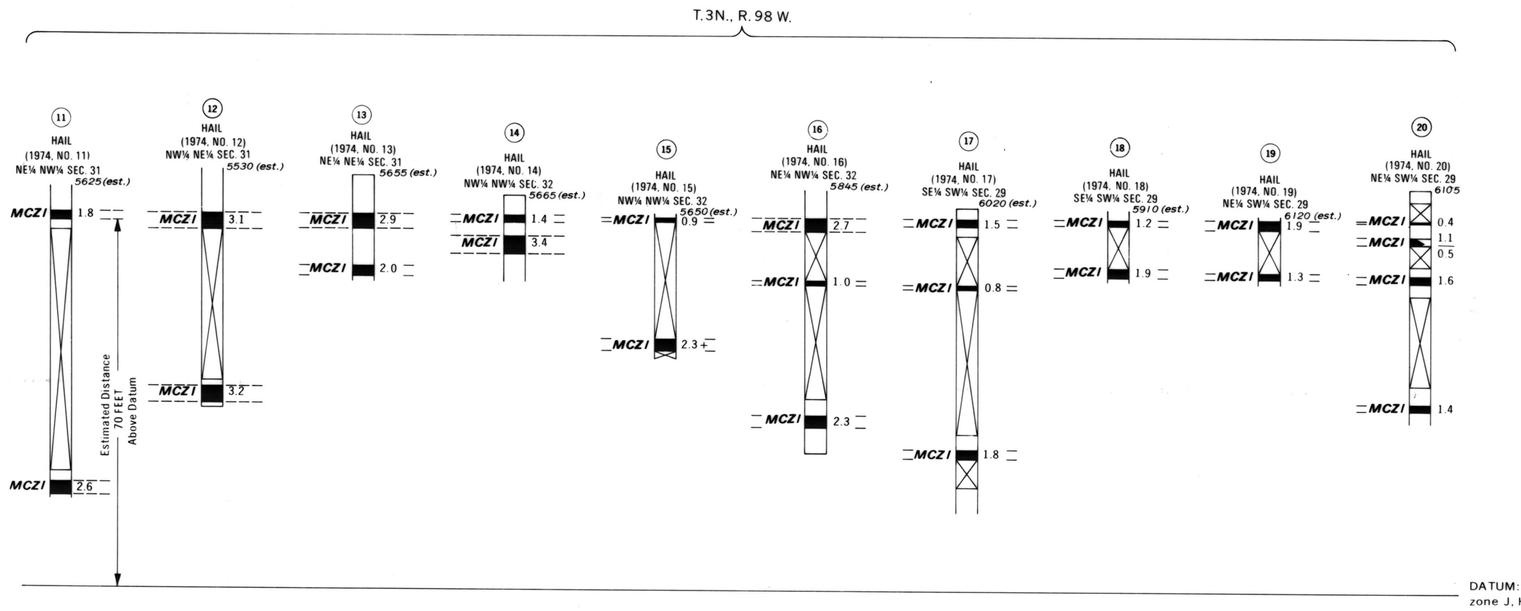
Column shown closed when at end of measured section

Coal bed symbols and names

L — Local coal beds

MCZI — Main coal zone, Lenticular coal beds in Group I carbonaceous zone, (Hails, 1974).

MCZJ — Main coal zone, Lenticular coal beds in Group J carbonaceous zone, (Hails, 1974).



Meters 0, 5, 10, 15 — Feet 0, 10, 20, 30, 40, 50

Vertical scale

This report has not been edited for conformity with Geological Survey editorial standards or stratigraphic nomenclature.

The positions of coal beds in sections not connected to the datum are correct relative to one another, but their vertical distances above or below the datum are not to scale.

COAL RESOURCE OCCURRENCE MAP OF THE ROUGH GULCH QUADRANGLE, RIO BLANCO AND MOFFAT COUNTIES, COLORADO

BY

AAA ENGINEERING AND DRAFTING, INC.

1980

Compiled in 1979

PLATE 3
COAL DATA SHEET
SHEET 1 OF 3

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

OPEN FILE REPORT 79-194
PLATE 3 OF 3