

RELATIVE COMPACTION TEST RESULTS

PROJECT: West Elk Mine**PROJECT NUMBER:M22036MT**

DATE: July 15,2022

LOCATION: Somerset

ENGINEERING TECHNICIAN: Russell Wolfe

CLIENT: Mountain Coal Company

NUCLEAR GAUGE USED: 16

	TEST LOCATION	DEPTH OR ELEVATION	PROBE DEPTH (IN)	LABORATORY PROCTOR DENSITY (PCF)	OPTIMUM MOISTURE CONTENT (%)	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	RELATIVE COMPACTION (%)	SOIL TYPE
38			8	85.0	17.5	100.4		100	Coal Gob, black
39			8	85.0	17.5	99.4		100	Coal Gob, black
40			8	85.0	17.5	90.5		100	Coal Gob, black
41			8	85.0	17.5	86.7		100	Coal Gob, black

REMARKS: The test results indicate only the density and moisture content for the location and elevation tested only.

Lambert and Associates

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