

RELATIVE COMPACTION TEST RESULTS

PROJECT: West Elk Mine

PROJECT NUMBER:M22036MT

DATE: June 30,2022

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
34	RPEE #1		8	96.5	14.5	93.6	7.5	96	Coal Gob, black
35	RPEE #2		8	96.5	14.5	86.9	15.3	90	Coal Gob, black
36	RPEE #3		8	96.5	14.5	95.1	6.9	98	Coal Gob, black
37	RPEE #4		8	96.5	14.5	96.6	4.9	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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