

RELATIVE COMPACTION TEST RESULTS

PROJECT: West Elk Mine RPEE 2023**PROJECT NUMBER: M23044MT**

DATE: October 5, 2023

LOCATION: Somerset, CO

ENGINEERING TECHNICIAN: SZ

CLIENT: Mountain Coal Company

NUCLEAR GAUGE USED: 14

TEST NO.	APPROXIMATE TEST LOCATION	DEPTH OR ELEVATION	PROBE DEPTH (IN)	LABORATORY PROCTOR DENSITY (PCF)	OPTIMUM MOISTURE CONTENT (%)	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	RELATIVE COMPACTION (%)	SOIL TYPE
119	RPEE #1		8	92.0	14.5	89.9	15.9	98	RPE2 Coal Gob, Black
120	RPEE #2		6	92.0	14.5	87.9	15.4	96	RPE2 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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