

## RELATIVE COMPACTION TEST RESULTS

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

**DATE:** October 26, 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
130	RPEE #1		6	92.0	14.5	86.8	16.0	94	RPE2 Coal Gob, Black
131	RPEE #2		6	92.0	14.5	93.0	16.5	100+	RPE2 Coal Gob, Black
132	RPEE #3		6	92.0	14.5	83.5	16.1	91	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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