

RELATIVE COMPACTION TEST RESULTS

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

DATE: November 2, 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
133	RPEE #1		6	80.0	16.5	80.6	18.3	100	RPE2+ST2 Coal Gob, Black
134	RPEE #2		6	92.0	14.5	89.0	15.0	97	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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