

RELATIVE COMPACTION TEST RESULTS

PROJECT: West Elk Mine RPEE 2023

PROJECT NUMBER: M23044MT

DATE: November 10, 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
135	RPEE #1		8	80.0	16.5	82.2	16.3	100+	RPE+ST2 Coal Gob, Black
136	RPEE #2		8	92.0	14.5	85.3	14.6	93	RPE2 Coal Gob, Black
137	RPEE #3		6	92.0	14.5	86.1	15.2	94	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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