

RELATIVE COMPACTION TEST RESULTS

PROJECT: West Elk Mine RPEE 2023

PROJECT NUMBER: M23044MT

DATE: October 23, 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
126	RPEE #1		6	92.0	14.5	96.2	15.2	100+	RPE2 Coal Gob, Black
127	RPEE #2		6	92.0	14.5	90.4	16.2	98	RPE2 Coal Gob, Black
128	RPEE #3		6	80.0	16.5	83.4	12.8	100+	RPE ST2 Coal Gob, Black
129	RPEE #4		6	80.0	16.5	85.5	15.5	100+	RPE ST2 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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