

RELATIVE COMPACTION TEST RESULTS

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

DATE: May 18, 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
1	RPEE #1 Entry		6	97.0	13.5	97.7	16.2	100	Coal Gob, Black
2	RPEE #2 Corner		6	97.0	13.5	99.0	16.9	100	Coal Gob, Black
3	RPEE #3 End		6	97.0	13.5	95.8	16.4	99	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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