

RELATIVE COMPACTION TEST RESULTS

PROJECT: West Elk Mine

PROJECT NUMBER: M22036MT

DATE: November 2,2022

LOCATION: Somerset Colorado

ENGINEERING TECHNICIAN: Steven Zentmeyer

CLIENT: Mountain Coil 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
47	RPEE		6	103.0	11.0	103.2	14.0	100	Coal gob, Black
48	RPEE		6	103.0	11.0	103.2	11.8	100	Coal gob, Black
49	RPEE		8	103.0	11.0	109.5	12.9	100	Coal gob, Black
50	RPEE		6	103.0	11.0	101.4	16.3	98	Coal gob, Black
51	RPEE		6	103.0	11.0	102.2	14.0	99	Coal gob, Black
52	RPEE		6	103.0	11.0	102.0	12.3	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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