

RELATIVE COMPACTION TEST RESULTS

PROJECT: West Elk Mine

PROJECT NUMBER:M22036MT

DATE: June 9,2022

LOCATION: Somerset

ENGINEERING TECHNICIAN: Russell Wolfe

CLIENT: Mountain Coal Company

NUCLEAR GAUGE USED: 16

	TEST LOCATION	DEPTH OR ELEVATION	PROBE DEPTH (IN)	LABORATORY PROCTOR DENSITY (PCF)	OPTIMUM MOISTURE CONTENT (%)	DRY DENSITY (PCF)	MOISTURE CONTENT (%)	RELATIVE COMPACTION (%)	SOIL TYPE
18	RPEE #1		8	96.5	14.5	92.0	10.4	95	Coal Gob
19	RPEE #2		8	96.5	14.5	91.6	10.3	95	Coal Gob
20	RPEE #3		8	96.5	14.5	94.0	11.4	97	Coal Gob
21	RPEE #4		8	96.5	14.5	91.2	6.1	95	Coal Gob
22	RPEE #5		8	96.5	14.5	94.7	7.4	98	Coal Gob
23	RPEE #8 Retest		8	96.5	14.5	93.9	10.8	97	Coal Gob

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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