

WELD LABORATORIES, INC.

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January 3, 2024

M&M excavation
Attn: Eric
25490 WCR 58
Greeley, CO 80631

Laboratory No.	E23333-1	Extraction
Sample ID	Castor Burnco Pit Ft Lupton	Method
Sodium (ppm)	1198.3	Saturated Paste
Calcium (ppm)	248.5	
Magnesium (ppm)	175.8	
pH	7.19	
EC (mS/cm)	7.04	
Saturated Paste %	28.28	
SAR	14.22	
Nitrate-N (ppm)	8.64	AB-DPTA
Phosphorus (ppm)	8.92	
Potassium (ppm)	111.1	
Copper (ppm)	5.88	
Iron (ppm)	67.4	
Manganese (ppm)	10.8	
Zinc (ppm)	4.1	
Ammonia-N (ppm)	14.8	KCl Water
Chloride (ppm)	364.1	
Boron (ppm)	0.8	
Sand (%)	43.9	
Fine Sand (%)	10.4	
Silt (%)	19.7	
Clay (%)	26.0	
Classification	SANDY CLAY LOAM	
Organic Matter (%)	1.3	Walkley-Black
% CaCO ₃ -C equivalent	0.42	
CEC (meq/100g)	27.61	
ESP (%)	18.88	


Project Manager


Date