

TABLE 1.0
ANALYTICAL RESULTS
SOIL SUITABILITY FOR RECLAMATION
KEYSTONE 3-7 HEATER TREATER RELEASE
LINCOLN COUNTY, COLORADO
POLARIS PRODUCTION OPCO, LLC

Sample Name	Sample Date	Sample Depth (ft. bgs)	Boron (mg/L)	Sodium Adsorption Ratio (SAR)	Electrical Conductivity (EC) (mmhos/cm)	pH
BS01	2/15/22	0.5	0.236	0.115	0.433	7.93
BS02	2/15/22	0.5	0.375	0.138	0.349	7.91
FS01	2/15/22	3.0	ND	7.19	10.1	7.25
FS02	2/15/22	2.5	ND	0.27	0.463	7.79
FS03	2/15/22	2.5	0.529	0.55	0.325	8.01
FS04	2/15/22	1.0	0.219	0.797	0.55	7.87
FS05	2/15/22	1.0	0.198	0.286	0.49	7.97
FS06	2/15/22	0.5	0.437	0.161	0.608	7.78
FS07	2/15/22	0.5	0.199	0.226	0.227	8.32
FS08	2/15/22	0.5	0.439	0.145	0.469	7.98
FS09	2/15/22	0.5	0.415	0.0491	0.57	8.03
FS10	2/15/22	1.5	0.197	0.408	1.43	7.77
COGCC Table 915-1 Standard			2.0	<6	<4	6-8.3

Notes:

Bold = Concentration exceeds COGCC Table 915-1 Residential Soil Screening Standard

COGCC = Colorado Oil and Gas Conservation Commission

mmhos/cm = Millimhos per centimeter

mg/L = Milligrams per liter

ft. bgs = Feet below ground surface

ND = Analyte NOT DETECTED at or above the laboratory reporting limit

BS = Background sample

FS = Excavation floor sample