

**TABLE 3.0**  
**ANALYTICAL RESULTS**  
**INORGANICS COMPOUNDS IN SOIL**  
**KEYSTONE 3-7 HEATER TREATER RELEASE**  
**LINCOLN COUNTY, COLORADO**  
**POLARIS PRODUCTION OPCO, LLC**

Sample Name	Sample Date	Sample Depth (ft. bgs)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Calcium (mEq/L)	Chromium - Hexavalent (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Magnesium (mEq/L)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Sodium (mEq/L)	Zinc (mg/kg)
BS01	2/15/22	0.5	<b>1.72</b>	-	-	3.74	-	-	-	ND	-	-	-	ND	-
BS02	2/15/22	0.5	<b>2.15</b>	-	-	2.26	-	-	-	ND	-	-	-	ND	-
FS01	2/15/22	3.0	<b>2.04</b>	115	0.211	47	ND	7.93	9.99	12.1	8.3	0.147	0.0318	39	36.1
FS02	2/15/22	2.5	<b>1.31</b>	69.4	0.164	3.03	ND	4.74	6.71	0.905	5.03	ND	0.018	ND	23
FS03	2/15/22	2.5	<b>2.2</b>	107	0.12	1.76	ND	6.74	6.76	0.905	7.13	0.114	0.0314	0.635	23.4
FS04	2/15/22	1.0	<b>2.18</b>	140	3.14	0	ND	6.92	8.01	0.979	7.38	ND	0.0289	1.14	29.3
FS05	2/15/22	1.0	<b>1.81</b>	119	0.139	3.02	ND	5.95	6.2	1.05	5.72	0.107	0.0219	ND	24.6
FS06	2/15/22	0.5	<b>2.36</b>	134	0.267	4.4	ND	10.2	11.5	ND	10.5	ND	0.0456	ND	45.7
FS07	2/15/22	0.5	<b>2.77</b>	98.7	0.123	1.4	ND	5.39	5.76	ND	5.9	0.26	0.0194	ND	21
FS08	2/15/22	0.5	<b>1.68</b>	75.8	0.127	3.57	ND	5.55	6.27	ND	5.51	0.207	0.0226	ND	24
FS09	2/15/22	0.5	<b>1.94</b>	91.3	0.145	3.87	ND	6.14	6.78	ND	6.22	ND	0.184	0.0289	25.4
FS10	2/15/22	1.5	<b>1.87</b>	84.9	0.0892	7.72	ND	4.65	5.34	4.33	5.73	0.25	0.0233	1	19.3
COGCC Table 915-1 Standard			0.68	15,000	71	-	0.3	3,100	400	-	1,500	390	390	-	23,000

**Notes:**

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

COGCC = Colorado Oil and Gas Conservation Commission

mEq/L = Milliequivalents per liter

mg/L = Milligrams per liter

ft. bgs = Feet below ground surface

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

- = Not analyzed

BS = Background sample

FS = Excavation floor sample