

TABLE 2  
915-1 Inorganic Analytes - Soil Samples  
T031 Grid Sampling 4/30

lab sdg	lab sdg
E5E0011	E5E0011

**Notes:**  
 Bold and Pink highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL). Bold and Purple highlighted soil analytical values indicate an exceedance of the Site-Specific Background Concentration (SSBC).  
 Results compared to the approved SSBC from *Derivation of Site-specific Soil Inorganic Background Concentrations* (December 11, 2025). Results must exceed the SSBC to be flagged as an exceedance.  
 Inorganic SSLs are based on target cancer risk (TR) of 10<sup>-6</sup> (OR 1E-06) and target hazard quotient (THQ) of 1.0.  
 Pace National-Laboratory non-detections reported by the laboratory prior to 5/9/2025 are reported as less than (" $<$ ") the laboratory method detection limit. Pace National-Laboratory non-detections reported by the laboratory beginning on 5/9/2025 and Enthalpy - Laboratory non-detections are reported as less than (" $<$ ") the limit of quantitation.  
 Multiple columns are presented for individual analytes when laboratories perform and/or report multiple analyses (such as original analyses, reanalyses, and dilution analyses). All available data are shown for events with more than one reportable result, with each column representing a distinct analysis.  
 Italic values indicate that the laboratory-reported method detection limit and/or quantitation limit associated with the non-detected result is higher than the threshold concentration.  
 Sampling and analysis is being performed in accordance with the approved ESAP.  
 NA represents not analyzed.  
 (DUP) indicates Field Duplicate Samples.  
 ECMC = Colorado Energy and Carbon Management Commission

***No parameters were detected at concentrations exceeding either approved Site-Specific Background Concentrations or ECMC Table 915-1 Residential SSLs.***

**Data Qualifiers**

U: The analyte was analyzed for, but was not detected above the level of the adjusted detection limit or quantitation limit, as appropriate, or was observed in a blank at a similar level.  
 R: The data are unusable. The sample results are rejected due to serious deficiencies in meeting QC criteria. The analyte may or may not be present in the sample.  
 J: The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample.  
 J+: The result is an estimated quantity, but the result may be biased high.  
 J-: The result is an estimated quantity, but the result may be biased low.  
 UJ: The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise.

**Units:**

mg/kg = Milligrams per kilogram

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Sample ID	Location	Sample Date	Depth	Sample Purpose	Metals							
					ARSENIC	BARIIUM	CADMIUM	COPPER	LEAD	NICKEL	SILVER	ZINC
					mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
<b>ECMC Table 915-1 Limits (Residential SSL)</b>					<b>0.68</b>	<b>15000</b>	<b>71</b>	<b>3100</b>	<b>400</b>	<b>1500</b>	<b>390</b>	<b>23000</b>
<b>ECMC Table 915-1 Limits (Protection of Groundwater SSL)</b>					<b>0.29</b>	<b>82</b>	<b>0.38</b>	<b>46</b>	<b>14</b>	<b>26</b>	<b>0.8</b>	<b>370</b>
<b>Site-Specific Background Concentration (SSBC)</b>					<b>13.9</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>	<b>NE</b>
GACO0430T031S001	T031S001	04/30/2025	0-0.5 feet	Assessment/Delineation	5.26	114	0.378	<39.4 U	<12 U	<22.3 U	<0.685 U	<317 U
GACO0430T031S002	T031S002	04/30/2025	0-0.5 feet	Assessment/Delineation	2.42	<79.1 U	<0.367 U	<44.4 U	<13.5 U	<25.1 U	<0.772 U	<357 U
GACO0430T031S003	T031S003	04/30/2025	0-0.5 feet	Assessment/Delineation	4.88	<75.6 U	<0.35 U	<42.4 U	<12.9 U	<24 U	<0.737 U	<341 U
GACO0430T031S004	T031S004	04/30/2025	0-0.5 feet	Assessment/Delineation	5.99	127	<0.331 U	<40.1 U	13.5	<22.6 U	<0.697 U	<322 U
GACO0430T031S005	T031S005	04/30/2025	0-0.5 feet	Assessment/Delineation	1.42	<72.6 U	<0.336 U	<40.7 U	<12.4 U	<23 U	<0.708 U	<327 U
GACO0430T031S006	T031S006	04/30/2025	0-0.5 feet	Assessment/Delineation	4.27	93.1	<0.351 U	<42.5 U	<12.9 U	<24 U	<0.739 U	<342 U
GACO0430T031S007	T031S007	04/30/2025	0-0.5 feet	Assessment/Delineation	5	97.7	<0.358 U	<43.3 U	<13.2 U	<24.5 U	<0.754 U	<349 U

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