

Table 1
Draft Soil Sample Analytical Summary
 Parcel SS-86
 Summit County, Utah
 Privileged and Confidential

Lab Sample ID	L1339512-01	L1339512-15	L1339512-02	L1339512-03	L1339512-04	L1339512-05	L1339512-06	L1339512-16	USEPA Residential RSL for Soil ¹
Client Sample ID	SS-01	SS-01 (Duplicate)	SS-02	SS-03	SS-04	SS-05	SS-06	SS-06 (Duplicate)	
Date Collected	04/13/2021	04/13/2021	04/13/2021	04/13/2021	04/13/2021	04/13/2021	04/13/2021	04/13/2021	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
ALUMINUM	mg/Kg	18700		20600		23500		24100	
ANTIMONY	mg/Kg	<2.41		0.941 J		2.06 J		2.52	
ARSENIC	mg/Kg	7.87		7.85		13.1		5.78	
BARUM	mg/Kg	188		195		257		256	
CADMIUM	mg/Kg	0.612		0.588 J		2.17		0.312 J	
CHROMIUM	mg/Kg	31.9		32.8		22.3		20.9	
COPPER	mg/Kg	22.6		24.5		43.6		25.5	
LEAD	mg/Kg	80.0		76.2		237		40.9	
NICKEL	mg/Kg	13.3		13.9		14.7		15.4	
SELENIUM	mg/Kg	1.24 J		<2.42		<2.83		<2.52	
SILVER	mg/Kg	0.273 J		0.302 J		0.393 J		<1.26	
ZINC	mg/Kg	132		140		330		80.3	
MERCURY	mg/Kg	0.0488		0.057		0.142		0.0494 J	

Lab Sample ID	L1339512-07	L1339512-08	L1339512-09	L1339512-10	L1339512-11	L1339512-12	L1339512-13	L1339512-14	USEPA Residential RSL for Soil ¹
Client Sample ID	SS-07	SS-08	SS-09	SS-10	SS-11	SS-12	SS-13	SS-14	
Date Collected	04/13/2021	04/13/2021	04/13/2021	04/13/2021	04/13/2021	04/13/2021	04/13/2021	04/13/2021	
Analyte	Units	Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
ALUMINUM	mg/Kg	21700		24300		21100		23100	
ANTIMONY	mg/Kg	1.26 J		<3.06		<2.26		0.676 J	
ARSENIC	mg/Kg	9.32		9.74		5.50		8.87	
BARUM	mg/Kg	296		296		213		248	
CADMIUM	mg/Kg	1.42		1.55		2.13		0.844 J	
CHROMIUM	mg/Kg	20.4		18.8		20.0		17.5	
COPPER	mg/Kg	42.0		40.2		29.4		37.3	
LEAD	mg/Kg	153		139		42.6		98.7	
NICKEL	mg/Kg	15.4		14.8		19.0		17.7	
SELENIUM	mg/Kg	<3.00		<3.06		<2.26		0.96 J	
SILVER	mg/Kg	0.725 J		0.676 J		<1.13		0.664 J	
ZINC	mg/Kg	208		193		96.2		133	
MERCURY	mg/Kg	0.122		0.11		0.166		0.0966	

Notes:

¹USEPA RSL for residential soil dated, November 2020

²Duplicate collected from location SS-01. Sample labeled SS-44

³Duplicate collected from location SS-06. Sample labeled SS-66

Concentrations in red exceed RSL

NS = No Standard

RSL = Regional Screening Level

Qualifiers:

J :The identification of the analyte is acceptable; the reported value is an estimate.

O1 :The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

V :The sample concentration is too high to evaluate accurate spike recoveries.

16 :The sample matrix interfered with the ability to make any accurate determination; spike value is low.

15 :The sample matrix interfered with the ability to make any accurate determination; spike value is high.

Table 2
 Draft Surface Water Analytical Summary
 Parcel SS-86
 Summit County, Utah
 Privileged and Confidential

Lab Sample ID	L1339512-17	L1339512-19	L1339512-18	Utah Numeric Surface Water Criteria ¹	Utah Human Health Surface Water Consumption Criteria ²
Client Sample ID	SW-01	SW-01 (Duplicate) ^a	SW-02		
Date Collected	04/13/2021	04/13/2021	04/13/2021		
Analyte	Units	Result	Qualifier	Result	Qualifier
ALUMINUM	mg/l	0.0593 J		0.0690 J	
ANTIMONY	mg/l	<0.0100		0.00762 J	
ARSENIC	mg/l	<0.0100		0.0178	
BARIUM	mg/l	0.101		0.124 O1	
CADMIUM	mg/l	<0.00200		<0.00200	
CHROMIUM	mg/l	<0.0100		<0.0100	
COPPER	mg/l	0.00395 J		<0.0100	
LEAD	mg/l	<0.00600		<0.00600	
NICKEL	mg/l	<0.0100		0.00186 J	
SELENIUM	mg/l	<0.0100		<0.0100	
SILVER	mg/l	<0.00500		<0.00500	
ZINC	mg/l	<0.0500		0.0188 J	
MERCURY	mg/l	<0.000200		<0.000200	

Notes:

¹Numeric Surface Water Criteria for Domestic, Recreation and Agricultural Uses, R317-2-14, Table 2.14.1. Criteria based on Class 1C water

²Numeric Human Health Criteria for Consumption, R317-2-14, Table 2.14.6. Criteria based on Class 1C water.

^aDuplicate sample collected from location SW-01. Sample labeled SW-11

All concentrations are dissolved metals

Concentrations in red exceed relevant water quality criteria

NS = No Standard

Qualifiers:

J : The identification of the analyte is acceptable; the reported value is an estimate.

O1 : The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

Table 3
 Draft Groundwater Analytical Summary
 Parcel SS-86
 Summit County, Utah
 Privileged and Confidential

Lab Sample ID	L1339512-20	L1339512-21	L1339512-22	Utah Groundwater Quality Standard ¹	USEPA RSL for Tapwater ²
Client Sample ID	SB-01	SB-02	SB-02 (Duplicate) ^a		
Date Collected	04/13/2021	04/13/2021	04/13/2021		
Analyte	Units	Result	Qualifier	Result	Qualifier
ALUMINUM	mg/l	<0.200		<0.200	
ANTIMONY	mg/l	<0.0100		<0.0100	
ARSENIC	mg/l	<0.0100		0.00742	B J
BARIUM	mg/l	0.127		0.151	
CADMIUM	mg/l	<0.00200		<0.00200	
CHROMIUM	mg/l	0.00195	J	<0.0100	
COPPER	mg/l	<0.0100		<0.0100	
LEAD	mg/l	<0.00600		<0.00600	
NICKEL	mg/l	0.00261	J	<0.0100	
SELENIUM	mg/l	<0.0100		<0.0100	
SILVER	mg/l	<0.00500		<0.00500	
ZINC	mg/l	<0.0500		<0.0500	
MERCURY	mg/l	<0.000200		<0.000200	
					0.002

Notes:

¹Utah Groundwater Quality Standard, R317-6-2, Table 1

²USEPA RSL for tapwater ingestion. For metals that do not have established Utah Groundwater Quality Standard, USEPA RSL for tapwater applied.

^aDuplicate sample collected from location SB-02. Sample labed SB-12

All concentrations are dissolved metals

NS = No Standard

RSL = Regional Screening Level

Qualifiers:

J :The identification of the analyte is acceptable; the reported value is an estimate.

O1 :The analyte failed the method required serial dilution test and/or subsequent post-spike criteria. These failures indicate matrix interference.

B :The same analyte is found in the associated blank.