

Table 1
Colorado Land #1 Soil Sampling Summary

SAMPLE SUMMARY	
Location Description	CO Land #1
Sample Type	Soil

Excavation Extent 08/22/2019
Excavation Extent 08/26/2019
Excavation Extent 09/10/2019
Excavation Extent 11/20/2019
Sampling Event 05/22/2020
Soil Boring Event 11/24/2020 (Table 2 Only)

LABORATORY DATA SUMMARY		SOUTH WALL				EAST WALL				NORTH WALL				WEST WALL				CENTER / BOTTOM						NE WALL	BACKGROUND	COGCC TABLE 910-1 CONCENTRATION LEVELS	UNITS
Sample ID		S. WALL 5'	08262019 SWALL	S Wall 6'	E. WALL 6'	08262019 EWALL	E Wall 5'	11202019 E WALL 9'	E Wall 5'	N. WALL 5'	08262019 NWALL	N WALL 5'	11202019 N WALL 8'	W. WALL 5'	08262019 WWALL	W WALL 5'	11202019 W WALL 4'	W Wall	Center	08262019 Center	Center 5.5'	112519 CEN 8'	Center 7'	112519 NE WALL 18'	YT 17-5 BG		
Depth		5'	5'	6'	6'	6'	5'	9'	5'	5'	5'	5'	8'	5'	5'	5'	4'	5'	7'	7'	5.5'	8'	7'	8'	0-6'		
Sample Type		Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab	Grab		
Sample Date		8/22/2019	8/26/2019	9/10/2019	8/22/2019	8/26/2019	9/10/2019	11/20/2019	5/22/2020	8/22/2019	8/26/2019	9/10/2019	11/20/2019	8/22/2019	8/26/2019	9/10/2019	11/20/2019	5/22/2020	8/22/2019	8/26/2019	9/10/2019	11/25/2019	5/22/2020	11/25/2019	10/15/2009		
		39.19197	39.19197	39.19196	39.19206	39.19204	39.19204	39.19200	39.19198	39.19203	39.19204	39.19206	39.19215	39.19198	39.19198	39.19199	39.19206	39.19172	39.19201	39.19198	39.19205	39.19209	39.19204	39.19212	-		
		-107.91149	-107.91147	-107.91147	-107.91147	-107.91147	-107.91147	-107.91139	-107.91142	-107.91149	-107.91150	-107.91151	-107.91157	-107.91156	-107.91156	-107.91157	-107.91172	-107.91158	-107.91151	-107.91153	-107.91154	-107.91157	-107.91155	-107.91145	-		
Analytical Parameters																											
TPH																											
TPH Gasoline Range Organics		26	182	68.9	1010	63	654.0	0.2	12.9	203	387	290	ND	321	560	561	0.6	134.0	51	78	44	4.34	1300	1.8	NT	500	mg/kg
TPH Diesel Range Organics		1430	747	2.6	2950	178	405		4.2	395	755	780	ND	188	219	679	14.8	243.0	445	356	1730	5.0	274.0	50.1	NT		
BTEX																											
Benzene		ND	0.712	0.00244	0.089	ND	ND	0.00167	ND	0.0362	0.232	0.42	ND	0.107	0.0223	0.0894	ND	ND	0.00144	0.127	1.03	0.00704	0.133	0.00756	NT	0.17	mg/kg
Toluene		ND	0.506	ND	ND	ND	ND	ND	ND	0.0526	ND	ND	ND	ND	ND	0.645	ND	ND	ND	ND	1.32	ND	ND	ND	NT	85	mg/kg
Ethylbenzene		0.108	2.49	ND	11	ND	3.05	ND	ND	0.356	1.71	1.76	ND	0.553	ND	ND	0.000556	ND	0.00872	0.718	7.76	0.026	1.45	0.00176	NT	100	mg/kg
Total Xylene		15.5	59.4	0.104	191	13.8	0.545	0.0066	ND	15.8	40.2	26.6	0.00301	9.92	4.84	4.42	0.00495	1.21	1.3	26.3	119	0.021	27.9	0.0705	NT	175	mg/kg
Polynuclear Aromatic Hydrocarbons																											
Anthracene		NT	ND	ND	NT	ND	0.0101	ND	ND	NT	0.00851	ND	ND	NT	0.0308	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	1000	mg/kg
Acenaphthene		NT	0.0167	0.00607	NT	0.0146	ND	ND	ND	NT	ND	0.00673	ND	NT	0.078	ND	ND	ND	NT	0.0103	ND	ND	0.00725	ND	NT	1000	mg/kg
Benzo(a)anthracene		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	0.22	mg/kg
Benzo(a)pyrene		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	0.022	mg/kg
Benzo(b)fluoranthene		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	0.22	mg/kg
Benzo(k)fluoranthene		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	2.2	mg/kg
Chrysene		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	22	mg/kg
Dibenzo(a,h)anthracene		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	0.022	mg/kg
Fluoranthene		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	1000	mg/kg
Fluorene		NT	0.0367	0.0154	NT	0.0466	0.00933	ND	ND	NT	0.0938	0.00894	ND	NT	0.179	0.164	ND	ND	NT	0.0268	ND	ND	0.0197	0.00961	NT	1000	mg/kg
Indeno(1,2,3-cd)pyrene		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	0.22	mg/kg
Naphthalene		NT	0.289	0.0564	NT	0.179	0.0809	ND	ND	NT	2.76	0.0473	ND	NT	0.462	0.552	ND	ND	NT	0.189	ND	0.0362	0.0875	0.138	NT	23	mg/kg
Pyrene		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	0.00791	ND	NT	1000	mg/kg
Metals																											
Arsenic		NT	<2.0	<2.0	NT	<2.0	<2.0	2.6	ND	NT	<2.0	<2.0	<2.0	NT	<2.0	<2.0	<2.0	ND	NT	<2.0	<2.0	<2.0	ND	2.6	1.8	0.39 / 3.5 *	mg/kg
Barium		NT	138	112	NT	122	109	94.4	76.3	NT	126	142	114	NT	108	80.2	81.9	112	NT	210	114	167	112	130	NT	15000	mg/kg
Cadmium		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	70	mg/kg
Chromium, Trivalent		NT	15.6	16.6	NT	18.4	16.7	13.7	16.1	NT	17.2	14.3	16.3	NT	16	13.3	12.5	19.3	NT	15.9	15.8	18.3	16.3	20.6	NT	120000	mg/kg
Chromium, Hexavalent		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	23	mg/kg
Copper		NT	14.8	13.5	NT	14.8	14.1	13.4	13.6	NT	14.6	13.1	15.3	NT	11.6	10.6	10.6	16.1	NT	10.7	15.1	15.9	22.0	18.6	NT	3100	mg/kg
Lead		NT	7.6	7.2	NT	7.23	7.66	5.71	5.51	NT	7.1	7.6	7.4	NT	5.8	5.37	5.52	7.31	NT	5.5	7.9	7.6	6.9	9.7	NT	400	mg/kg
Mercury		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	23	mg/kg
Nickel		NT	14.8	14.6	NT	20.3	17	19	13.8	NT	18.5	14.5	17.3	NT	21.3	20.8	15	21.5	NT	12.3	15.7	17.5	16.7	16	NT	1600	mg/kg
Selenium		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	390	mg/kg
Silver		NT	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	NT	ND	ND	ND	ND	NT	ND	ND	ND	ND	ND	NT	390	mg/kg
Zinc		NT	43	39	NT	47	41	36	28.9	NT	50	40	44	NT	40	33	30	38.1	NT	34	44	40	35.9	56	NT	23000	mg/kg
SAR Metals Analysis																											
Sodium Adsorption Ratio		NT	3.63	11.0	NT	2.72	0.864	0.419	0.242	NT	1.86	1.29	0.291	NT	1.25	1.45	0.481	1.36	NT	7.15	3.11	0.389	0.462	0.671	0.3	<12	ratio
General Chemistry																											
pH		NT	7.9	8.22	NT	7.62	7.48	7.95	7.25	NT	8.24	7.99	7.87	NT	7.37	7.87	7.3	7.93	NT	8.86	8.31	7.67	7.94	8.11	NT	6-9	su
Specific Conductivity		NT	0.392	0.175	NT	0.139	0.0908	0.158	0.0279	NT	0.186	0.272	0.0776	NT	0.113	0.227	0.052	0.677	NT	0.464	0.197	0.146	0.0999	0.238	0.21	<4 or 2X Background	mmhos/cm

mg/kg - milligrams per kilogram

mg/L - milligrams per liter

J - Indicates an estimated value

mmhos/cm - millimhos per centimeter

mv - millivolts

su - standard units

NT - parameter was not tested

ND - not detected above method detection limit

Over COGCC Table 910-1 concentration levels but under BACKGROUND level.

Over COGCC Table 910-1 concentration levels and not within BACKGROUND level.

Over COGCC Table 910-1 concentration levels