LABID	CLIENTID	PROJECTID	DEPTNAME	COLLECTDATE	RECEIVEDATE	ANALYTE	MATRIX	METHOD	RESULT	TEXTRESU	QUAL	UNITS	MDL	PQL	ANALYZEDATE	ANALYST	CAS
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Aluminum (1312)	SO	M6010D ICP	0.130	0.130	B	mg/L	0.05	0.25	9/17/2021	jlw	7429-90-5
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Aluminum, extractable (AB-DTPA)	SO	M6010D ICP			U	mg/Kg	2.5	12.5	9/17/2021	kja	7429-90-5
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Aluminum, total (3050)	SO	M6010D ICP	23500	23500		mg/Kg	5.15	25.8	9/18/2021	jlw	7429-90-5
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Antimony (1312)	SO	M6020B ICP-MS			U	mg/L	0.0004	0.002	9/21/2021	bsu	7440-36-0
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Antimony, extractable (AD-DTPA)	SO	M6020B ICP-MS			U	mg/Kg	0.02	0.1	9/22/2021	bsu	7440-36-0
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Antimony, total (3050)	SO	M6020B ICP-MS	0.519	0.519	B	mg/Kg	0.206	1.03	9/17/2021	bsu	7440-36-0
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Arsenic (1312)	SO	M6020B ICP-MS	0.00108	0.00108		mg/L	0.0002	0.001	9/21/2021	bsu	7440-38-2
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Arsenic, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.108	0.108		mg/Kg	0.01	0.05	9/22/2021	bsu	7440-38-2
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Arsenic, total (3050)	SO	M6020B ICP-MS	4.75	4.75		mg/Kg	0.103	0.515	9/17/2021	bsu	7440-38-2
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Cadmium (1312)	SO	M6020B ICP-MS			U	mg/L	0.00005	0.00025	9/21/2021	bsu	7440-43-9
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Cadmium, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.190	0.190		mg/Kg	0.0025	0.0125	9/22/2021	bsu	7440-43-9
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Cadmium, total (3050)	SO	M6020B ICP-MS	0.763	0.763		mg/Kg	0.0258	0.129	9/17/2021	bsu	7440-43-9
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Calcium (1312)	SO	M6010D ICP	14.3	14.3		mg/L	0.1	0.5	9/17/2021	jlw	7440-70-2
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Calcium, extractable (AB-DTPA)	SO	M6010D ICP	376	376		mg/Kg	5	25	9/17/2021	kja	7440-70-2
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Calcium, total (3050)	SO	M6010D ICP	9600	9600		mg/Kg	10.3	51.5	9/18/2021	jlw	7440-70-2
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Copper (1312)	SO	M6020B ICP-MS	0.0164	0.0164		mg/L	0.0008	0.002	9/21/2021	bsu	7440-50-8
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Copper, extractable (AB-DTPA)	SO	M6020B ICP-MS	46.3	46.3		mg/Kg	0.08	0.2	9/23/2021	bsu	7440-50-8
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Copper, total (3050)	SO	M6020B ICP-MS	416	416		mg/Kg	0.412	1.03	9/17/2021	bsu	7440-50-8
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Iron (1312)	SO	M6010D ICP	0.247	0.247		mg/L	0.06	0.15	9/17/2021	jlw	7439-89-6
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Iron, extractable (AB-DTPA)	SO	M6010D ICP	9.78	9.78		mg/Kg	3	7.5	9/17/2021	kja	7439-89-6
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Iron, total (3050)	SO	M6010D ICP	22000	22000		mg/Kg	6.18	15.5	9/18/2021	jlw	7439-89-6
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Lead (1312)	SO	M6020B ICP-MS	0.00023	0.00023	B	mg/L	0.0001	0.0005	9/21/2021	bsu	7439-92-1
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Lead, extractable (AB-DTPA)	SO	M6020B ICP-MS	3.77	3.77		mg/Kg	0.005	0.025	9/22/2021	bsu	7439-92-1
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Lead, total (3050)	SO	M6020B ICP-MS	23.4	23.4		mg/Kg	0.0515	0.258	9/17/2021	bsu	7439-92-1
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Magnesium (1312)	SO	M6010D ICP	1.39	1.39		mg/L	0.2	1	9/17/2021	jlw	7439-95-4
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Magnesium, extractable (AB-DTPA)	SO	M6010D ICP	107	107		mg/Kg	10	50	9/17/2021	kja	7439-95-4
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Magnesium, total (3050)	SO	M6010D ICP	6310	6310		mg/Kg	20.6	103	9/18/2021	jlw	7439-95-4
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Manganese (1312)	SO	M6010D ICP			U	mg/L	0.01	0.05	9/17/2021	jlw	7439-96-5
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Manganese, extractable (AB-DTPA)	SO	M6010D ICP	9.71	9.71		mg/Kg	0.5	2.5	9/17/2021	kja	7439-96-5
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Manganese, total (3050)	SO	M6010D ICP	782	782		mg/Kg	1.03	5.15	9/18/2021	jlw	7439-96-5
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Molybdenum (1312)	SO	M6010D ICP			U	mg/L	0.02	0.1	9/17/2021	jlw	7439-98-7
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Molybdenum, extractable (AB-DTPA)	SO	M6010D ICP			U	mg/Kg	1	5	9/17/2021	kja	7439-98-7
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Molybdenum, total (3050)	SO	M6010D ICP	4.46	4.46	B	mg/Kg	2.06	10.3	9/18/2021	jlw	7439-98-7
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Nickel (1312)	SO	M6020B ICP-MS	0.00044	0.00044	B	mg/L	0.0004	0.001	9/21/2021	bsu	7440-02-0
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Nickel, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.194	0.194		mg/Kg	0.02	0.05	9/22/2021	bsu	7440-02-0
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Nickel, total (3050)	SO	M6020B ICP-MS	11.8	11.8		mg/Kg	0.206	0.515	9/17/2021	bsu	7440-02-0
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Selenium (1312)	SO	M6020B ICP-MS			U	mg/L	0.0001	0.00025	9/21/2021	bsu	7782-49-2
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Selenium, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.0178	0.0178		mg/Kg	0.005	0.0125	9/22/2021	bsu	7782-49-2
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Selenium, total (3050)	SO	M6020B ICP-MS	0.218	0.218		mg/Kg	0.0515	0.129	9/17/2021	bsu	7782-49-2
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Zinc (1312)	SO	M6010D ICP			U	mg/L	0.02	0.05	9/17/2021	jlw	7440-66-6
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Zinc, extractable (AB-DTPA)	SO	M6010D ICP	7.83	7.83		mg/Kg	1	2.5	9/17/2021	kja	7440-66-6
L68443-01	DI-19 SOUTH-TREE		Metals Analysis	9/9/2021	9/13/2021	Zinc, total (3050)	SO	M6010D ICP	130	130		mg/Kg	2.06	5.15	9/18/2021	jlw	7440-66-6
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Carbon, total (TC)	SO	ASA No.9 29-2.2.4 Combustion/IR	2.9	2.9		%	0.1	0.5	9/16/2021	jpb	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Carbon, total inorganic (TIC)	SO	ASA No. 9 29-2.2.4 (calc TC - TOC)	0.6	0.6		%	0.1	0.5	9/16/2021	jpb	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Carbon, total organic (TOC)	SO	ASA No.9 29-2.2.4 Combustion/IR	2.3	2.3		%	0.1	0.5	9/16/2021	jpb	10355
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Clay	SO	ASA No. 9 Pt. 1 Section 15-5	30.0	30.0		%	0.1	0.5	9/16/2021	zln	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Conductivity @25C	SO	SM2510B	0.944	0.944		mmhos/cm	0.001	0.01	9/16/2021	zln	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Organic Matter (Ignition @ 400)	SO	EPA 600/2-78-054 M3.2.14	4.7	4.7		%	0.3	1	9/15/2021	gkh	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	pH	SO	M9045D/M9040C	8	8		Units	0.1	0.1	9/28/2021	ZLN	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	pH, Saturated Paste	SO	EPA 600/2-78-054 section 3.2.2	7.5	7.5		units	0.1	0.1	9/16/2021	zln	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Sand	SO	ASA No. 9 Pt. 1 Section 15-5	40.0	40.0		%	0.1	0.5	9/16/2021	zln	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Silt	SO	ASA No. 9 Pt. 1 Section 15-5	30.0	30.0		%	0.1	0.5	9/16/2021	zln	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Solids, Percent	SO	D2216-80	86.9	86.9		%	0.1	0.5	9/14/2021	zln	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Sulfur, total	SO	ASTM D-4239-85C, LECO Furnace	.03	.03	B	%	0.01	0.1	9/16/2021	jpb	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Temperature	SO	M9045D/M9040C	20.9	20.9		Units	0.1	0.1	9/28/2021	ZLN	
L68443-01	DI-19 SOUTH-TREE		Soil Analysis	9/9/2021	9/13/2021	Texture Classification	SO	ASA No. 9 Pt. 1 Section 15-5	clay loam	clay loam					9/16/2021	zln	

L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Aluminum (1312)	SO	M6010D ICP	0.061	0.061	B	mg/L	0.05	0.25	9/17/2021	jlw	7429-90-5
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Aluminum, extractable (AB-DTPA)	SO	M6010D ICP			U	mg/Kg	2.5	12.5	9/17/2021	kja	7429-90-5
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Aluminum, total (3050)	SO	M6010D ICP	12100	12100		mg/Kg	5.1	25.5	9/18/2021	jlw	7429-90-5
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Antimony (1312)	SO	M6020B ICP-MS			U	mg/L	0.0004	0.002	9/21/2021	bsu	7440-36-0
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Antimony, extractable (AD-DTPA)	SO	M6020B ICP-MS			U	mg/Kg	0.02	0.1	9/22/2021	bsu	7440-36-0
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Antimony, total (3050)	SO	M6020B ICP-MS	0.272	0.272	B	mg/Kg	0.204	1.02	9/17/2021	bsu	7440-36-0
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Arsenic (1312)	SO	M6020B ICP-MS	0.00152	0.00152		mg/L	0.0002	0.001	9/21/2021	bsu	7440-38-2
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Arsenic, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.0754	0.0754		mg/Kg	0.01	0.05	9/22/2021	bsu	7440-38-2
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Arsenic, total (3050)	SO	M6020B ICP-MS	2.97	2.97		mg/Kg	0.102	0.51	9/17/2021	bsu	7440-38-2
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Cadmium (1312)	SO	M6020B ICP-MS			U	mg/L	0.00005	0.00025	9/21/2021	bsu	7440-43-9
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Cadmium, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.0977	0.0977		mg/Kg	0.0025	0.0125	9/22/2021	bsu	7440-43-9
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Cadmium, total (3050)	SO	M6020B ICP-MS	0.380	0.380		mg/Kg	0.0255	0.128	9/17/2021	bsu	7440-43-9
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Calcium (1312)	SO	M6010D ICP	20.4	20.4		mg/L	0.1	0.5	9/17/2021	jlw	7440-70-2
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Calcium, extractable (AB-DTPA)	SO	M6010D ICP	422	422		mg/Kg	5	25	9/17/2021	kja	7440-70-2
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Calcium, total (3050)	SO	M6010D ICP	9710	9710		mg/Kg	10.2	51	9/18/2021	jlw	7440-70-2
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Copper (1312)	SO	M6020B ICP-MS	0.0223	0.0223		mg/L	0.0008	0.002	9/21/2021	bsu	7440-50-8
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Copper, extractable (AB-DTPA)	SO	M6020B ICP-MS	18.6	18.6		mg/Kg	0.04	0.1	9/23/2021	bsu	7440-50-8
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Copper, total (3050)	SO	M6020B ICP-MS	196	196		mg/Kg	0.408	1.02	9/17/2021	bsu	7440-50-8
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Iron (1312)	SO	M6010D ICP			U	mg/L	0.06	0.15	9/17/2021	jlw	7439-89-6
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Iron, extractable (AB-DTPA)	SO	M6010D ICP	7.32	7.32	B	mg/Kg	3	7.5	9/17/2021	kja	7439-89-6
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Iron, total (3050)	SO	M6010D ICP	14100	14100		mg/Kg	6.12	15.3	9/18/2021	jlw	7439-89-6
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Lead (1312)	SO	M6020B ICP-MS	0.00012	0.00012	B	mg/L	0.0001	0.0005	9/21/2021	bsu	7439-92-1
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Lead, extractable (AB-DTPA)	SO	M6020B ICP-MS	2.20	2.20		mg/Kg	0.005	0.025	9/22/2021	bsu	7439-92-1
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Lead, total (3050)	SO	M6020B ICP-MS	12.0	12.0		mg/Kg	0.051	0.255	9/17/2021	bsu	7439-92-1
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Magnesium (1312)	SO	M6010D ICP	2.10	2.10		mg/L	0.2	1	9/17/2021	jlw	7439-95-4
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Magnesium, extractable (AB-DTPA)	SO	M6010D ICP	91.4	91.4		mg/Kg	10	50	9/17/2021	kja	7439-95-4
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Magnesium, total (3050)	SO	M6010D ICP	3780	3780		mg/Kg	20.4	102	9/18/2021	jlw	7439-95-4
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Manganese (1312)	SO	M6010D ICP			U	mg/L	0.01	0.05	9/17/2021	jlw	7439-96-5
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Manganese, extractable (AB-DTPA)	SO	M6010D ICP	7.32	7.32		mg/Kg	0.5	2.5	9/17/2021	kja	7439-96-5
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Manganese, total (3050)	SO	M6010D ICP	384	384		mg/Kg	1.02	5.1	9/18/2021	jlw	7439-96-5
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Molybdenum (1312)	SO	M6010D ICP			U	mg/L	0.02	0.1	9/17/2021	jlw	7439-98-7
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Molybdenum, extractable (AB-DTPA)	SO	M6010D ICP			U	mg/Kg	1	5	9/17/2021	kja	7439-98-7
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Molybdenum, total (3050)	SO	M6010D ICP	3.58	3.58	B	mg/Kg	2.04	10.2	9/18/2021	jlw	7439-98-7
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Nickel (1312)	SO	M6020B ICP-MS	0.00068	0.00068	B	mg/L	0.0004	0.001	9/21/2021	bsu	7440-02-0
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Nickel, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.131	0.131		mg/Kg	0.02	0.05	9/22/2021	bsu	7440-02-0
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Nickel, total (3050)	SO	M6020B ICP-MS	6.92	6.92		mg/Kg	0.204	0.51	9/17/2021	bsu	7440-02-0
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Selenium (1312)	SO	M6020B ICP-MS			U	mg/L	0.0001	0.00025	9/21/2021	bsu	7782-49-2
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Selenium, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.0112	0.0112	B	mg/Kg	0.005	0.0125	9/22/2021	bsu	7782-49-2
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Selenium, total (3050)	SO	M6020B ICP-MS	0.156	0.156		mg/Kg	0.051	0.128	9/17/2021	bsu	7782-49-2
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Zinc (1312)	SO	M6010D ICP			U	mg/L	0.02	0.05	9/17/2021	jlw	7440-66-6
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Zinc, extractable (AB-DTPA)	SO	M6010D ICP	5.96	5.96		mg/Kg	1	2.5	9/17/2021	kja	7440-66-6
L68443-02	DI-20 TREE		Metals Analysis	9/9/2021	9/13/2021	Zinc, total (3050)	SO	M6010D ICP	68.9	68.9		mg/Kg	2.04	5.1	9/18/2021	jlw	7440-66-6
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Carbon, total (TC)	SO	ASA No.9 29-2.2.4 Combustion/IR	2.6	2.6		%	0.1	0.5	9/16/2021	jpb	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Carbon, total inorganic (TIC)	SO	ASA No. 9 29-2.2.4 (calc TC - TOC)	0.4	0.4	B	%	0.1	0.5	9/16/2021	jpb	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Carbon, total organic (TOC)	SO	ASA No.9 29-2.2.4 Combustion/IR	2.2	2.2		%	0.1	0.5	9/16/2021	jpb	10355
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Clay	SO	ASA No. 9 Pt. 1 Section 15-5	15.0	15.0		%	0.1	0.5	9/16/2021	zln	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Conductivity @25C	SO	SM2510B	1.24	1.24		mmhos/cm	0.001	0.01	9/16/2021	zln	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Organic Matter (Ignition @ 400)	SO	EPA 600/2-78-054 M3.2.14	4.4	4.4		%	0.3	1	9/15/2021	gkh	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	pH	SO	M9045D/M9040C	7.9	7.9		Units	0.1	0.1	9/28/2021	ZLN	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	pH, Saturated Paste	SO	EPA 600/2-78-054 section 3.2.2	7.3	7.3		units	0.1	0.1	9/16/2021	zln	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Sand	SO	ASA No. 9 Pt. 1 Section 15-5	65.0	65.0		%	0.1	0.5	9/16/2021	zln	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Silt	SO	ASA No. 9 Pt. 1 Section 15-5	20.0	20.0		%	0.1	0.5	9/16/2021	zln	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Solids, Percent	SO	D2216-80	93.9	93.9		%	0.1	0.5	9/14/2021	zln	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Sulfur, total	SO	ASTM D-4239-85C, LECO Furnace	.05	.05	B	%	0.01	0.1	9/16/2021	jpb	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Temperature	SO	M9045D/M9040C	20.8	20.8		Units	0.1	0.1	9/28/2021	ZLN	
L68443-02	DI-20 TREE		Soil Analysis	9/9/2021	9/13/2021	Texture Classification	SO	ASA No. 9 Pt. 1 Section 15-5	sandy loam	sandy loam					9/16/2021	zln	
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Aluminum (1312)	SO	M6010D ICP	0.459	0.459		mg/L	0.05	0.25	9/17/2021	jlw	7429-90-5

L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Aluminum, extractable (AB-DTPA)	SO	M6010D ICP			U	mg/Kg	2.5	12.5	9/17/2021	kja	7429-90-5
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Aluminum, total (3050)	SO	M6010D ICP	13100	13100		mg/Kg	5.05	25.3	9/18/2021	jlw	7429-90-5
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Antimony (1312)	SO	M6020B ICP-MS			U	mg/L	0.0004	0.002	9/21/2021	bsu	7440-36-0
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Antimony, extractable (AD-DTPA)	SO	M6020B ICP-MS			U	mg/Kg	0.02	0.1	9/22/2021	bsu	7440-36-0
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Antimony, total (3050)	SO	M6020B ICP-MS	0.361	0.361	B	mg/Kg	0.202	1.01	9/17/2021	bsu	7440-36-0
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Arsenic (1312)	SO	M6020B ICP-MS	0.00423	0.00423		mg/L	0.0002	0.001	9/21/2021	bsu	7440-38-2
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Arsenic, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.156	0.156		mg/Kg	0.01	0.05	9/22/2021	bsu	7440-38-2
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Arsenic, total (3050)	SO	M6020B ICP-MS	6.28	6.28		mg/Kg	0.101	0.505	9/17/2021	bsu	7440-38-2
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Cadmium (1312)	SO	M6020B ICP-MS			U	mg/L	0.00005	0.00025	9/21/2021	bsu	7440-43-9
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Cadmium, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.0341	0.0341		mg/Kg	0.0025	0.0125	9/22/2021	bsu	7440-43-9
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Cadmium, total (3050)	SO	M6020B ICP-MS	0.329	0.329		mg/Kg	0.0253	0.126	9/17/2021	bsu	7440-43-9
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Calcium (1312)	SO	M6010D ICP	9.74	9.74		mg/L	0.1	0.5	9/17/2021	jlw	7440-70-2
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Calcium, extractable (AB-DTPA)	SO	M6010D ICP	393	393		mg/Kg	5	25	9/17/2021	kja	7440-70-2
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Calcium, total (3050)	SO	M6010D ICP	10000	10000		mg/Kg	10.1	50.5	9/18/2021	jlw	7440-70-2
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Copper (1312)	SO	M6020B ICP-MS	0.00694	0.00694		mg/L	0.0008	0.002	9/21/2021	bsu	7440-50-8
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Copper, extractable (AB-DTPA)	SO	M6020B ICP-MS	3.19	3.19		mg/Kg	0.04	0.1	9/23/2021	bsu	7440-50-8
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Copper, total (3050)	SO	M6020B ICP-MS	34.6	34.6		mg/Kg	0.404	1.01	9/17/2021	bsu	7440-50-8
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Iron (1312)	SO	M6010D ICP	0.269	0.269		mg/L	0.06	0.15	9/17/2021	jlw	7439-89-6
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Iron, extractable (AB-DTPA)	SO	M6010D ICP	5.54	5.54	B	mg/Kg	3	7.5	9/17/2021	kja	7439-89-6
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Iron, total (3050)	SO	M6010D ICP	17800	17800		mg/Kg	6.06	15.2	9/18/2021	jlw	7439-89-6
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Lead (1312)	SO	M6020B ICP-MS	0.00050	0.00050	B	mg/L	0.0001	0.0005	9/21/2021	bsu	7439-92-1
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Lead, extractable (AB-DTPA)	SO	M6020B ICP-MS	1.61	1.61		mg/Kg	0.005	0.025	9/22/2021	bsu	7439-92-1
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Lead, total (3050)	SO	M6020B ICP-MS	14.3	14.3		mg/Kg	0.0505	0.253	9/17/2021	bsu	7439-92-1
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Magnesium (1312)	SO	M6010D ICP	0.86	0.86	B	mg/L	0.2	1	9/17/2021	jlw	7439-95-4
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Magnesium, extractable (AB-DTPA)	SO	M6010D ICP	87.9	87.9		mg/Kg	10	50	9/17/2021	kja	7439-95-4
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Magnesium, total (3050)	SO	M6010D ICP	3600	3600		mg/Kg	20.2	101	9/18/2021	jlw	7439-95-4
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Manganese (1312)	SO	M6010D ICP			U	mg/L	0.01	0.05	9/17/2021	jlw	7439-96-5
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Manganese, extractable (AB-DTPA)	SO	M6010D ICP	2.18	2.18	B	mg/Kg	0.5	2.5	9/17/2021	kja	7439-96-5
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Manganese, total (3050)	SO	M6010D ICP	389	389		mg/Kg	1.01	5.05	9/18/2021	jlw	7439-96-5
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Molybdenum (1312)	SO	M6010D ICP			U	mg/L	0.02	0.1	9/17/2021	jlw	7439-98-7
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Molybdenum, extractable (AB-DTPA)	SO	M6010D ICP			U	mg/Kg	1	5	9/17/2021	kja	7439-98-7
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Molybdenum, total (3050)	SO	M6010D ICP			U	mg/Kg	2.02	10.1	9/18/2021	jlw	7439-98-7
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Nickel (1312)	SO	M6020B ICP-MS	0.00062	0.00062	B	mg/L	0.0004	0.001	9/21/2021	bsu	7440-02-0
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Nickel, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.104	0.104		mg/Kg	0.02	0.05	9/22/2021	bsu	7440-02-0
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Nickel, total (3050)	SO	M6020B ICP-MS	7.58	7.58		mg/Kg	0.202	0.505	9/17/2021	bsu	7440-02-0
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Selenium (1312)	SO	M6020B ICP-MS			U	mg/L	0.0001	0.00025	9/21/2021	bsu	7782-49-2
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Selenium, extractable (AB-DTPA)	SO	M6020B ICP-MS	0.00626	0.00626	B	mg/Kg	0.005	0.0125	9/22/2021	bsu	7782-49-2
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Selenium, total (3050)	SO	M6020B ICP-MS	0.0881	0.0881	B	mg/Kg	0.0505	0.126	9/17/2021	bsu	7782-49-2
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Zinc (1312)	SO	M6010D ICP			U	mg/L	0.02	0.05	9/17/2021	jlw	7440-66-6
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Zinc, extractable (AB-DTPA)	SO	M6010D ICP			U	mg/Kg	1	2.5	9/17/2021	kja	7440-66-6
L68443-03	DI-21 TREE		Metals Analysis	9/9/2021	9/13/2021	Zinc, total (3050)	SO	M6010D ICP	43.5	43.5		mg/Kg	2.02	5.05	9/18/2021	jlw	7440-66-6
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Carbon, total (TC)	SO	ASA No.9 29-2.2.4 Combustion/IR	0.5	0.5		%	0.1	0.5	9/16/2021	jpb	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Carbon, total inorganic (TIC)	SO	ASA No. 9 29-2.2.4 (calc TC - TOC)	0.2	0.2	B	%	0.1	0.5	9/16/2021	jpb	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Carbon, total organic (TOC)	SO	ASA No.9 29-2.2.4 Combustion/IR	0.3	0.3	B	%	0.1	0.5	9/16/2021	jpb	10355
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Clay	SO	ASA No. 9 Pt. 1 Section 15-5	12.5	12.5		%	0.1	0.5	9/16/2021	zln	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Conductivity @25C	SO	SM2510B	0.546	0.546		mmhos/cm	0.001	0.01	9/16/2021	zln	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Organic Matter (Ignition @ 400)	SO	EPA 600/2-78-054 M3.2.14	0.8	0.8	B	%	0.3	1	9/15/2021	gkh	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	pH	SO	M9045D/M9040C	8.4	8.4		Units	0.1	0.1	9/28/2021	ZLN	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	pH, Saturated Paste	SO	EPA 600/2-78-054 section 3.2.2	7.6	7.6		units	0.1	0.1	9/16/2021	zln	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Sand	SO	ASA No. 9 Pt. 1 Section 15-5	72.5	72.5		%	0.1	0.5	9/16/2021	zln	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Silt	SO	ASA No. 9 Pt. 1 Section 15-5	15.0	15.0		%	0.1	0.5	9/16/2021	zln	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Solids, Percent	SO	D2216-80	97.2	97.2		%	0.1	0.5	9/14/2021	zln	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Sulfur, total	SO	ASTM D-4239-85C, LECO Furnace	.02	.02	B	%	0.01	0.1	9/16/2021	jpb	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Temperature	SO	M9045D/M9040C	20.6	20.6		Units	0.1	0.1	9/28/2021	ZLN	
L68443-03	DI-21 TREE		Soil Analysis	9/9/2021	9/13/2021	Texture Classification	SO	ASA No. 9 Pt. 1 Section 15-5	sandy loam	sandy loam					9/16/2021	zln	