

Koch 41-6 (475968)													
Metals in Soil				Arsenic	Barium	Cadmium	Chromium, Hexavalent	Copper	Lead	Nickel	Selenium	Silver	Zinc
Protection of Groundwater Soil Screening Level				0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
Units				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample ID w/ sample depth	Sample Date	Latitude	Longitude										
Backgro und 13@10	10/24/2023	40.085651	-105.039128	5.6	141	0.132	<0.109	12.9	12.7	18.5	0.242	<0.0903	<90.3
Backgro und 13@5	10/24/2023	40.085651	-105.039128	4.83	198	0.376	0.258	13.8	14.4	15.8	0.273	<0.0888	<88.8
Backgro und 14@10	10/24/2023	40.085808	-105.039254	5.43	143	0.158	<0.178	10.8	10.4	16.2	0.12	<0.085	<85
Backgro und 14@5	10/24/2023	40.085808	-105.039254	4.96	68.7	0.141	<0.141	<8.63	9.28	10.3	0.112	<0.0863	<86.3
Backgro und 15@10	10/24/2023	40.085870	-105.039593	5.69	142	0.23	<0.134	12.9	13.3	18.2	0.155	<0.0842	<84.2
Backgro und 15@5	10/24/2023	40.085870	-105.039593	4.72	99.9	0.153	<0.129	11	10.7	16.3	0.263	<0.0921	<92.1
Backgro und 16@10	10/24/2023	40.085757	-105.039552	4.34	115	0.153	<0.126	11.2	10.1	14.1	0.129	<0.0874	<87.4
Backgro und 16@5	10/24/2023	40.085757	-105.039552	4.7	105	0.166	<0.107	10.7	11.2	13.4	0.158	<0.0921	<92.1
BACKGR OUND-1@4'	12/05/2022	40.0855201	-105.0390801	2.83	74.8	<0.0946	<0.25	<9.46	<9.46	10.3	0.0955	<0.0946	<94.6
BACKGR OUND-10@4'	12/05/2022	40.0841093	-105.0394161	3.2	105	0.132	<0.25	9.55	8.99	11.1	0.101	<0.0889	<88.9
BACKGR OUND-11@4'	12/05/2022	40.0829035	-105.0396962	3.33	83.4	0.123	<0.244	<9.62	<9.62	11.1	0.122	<0.0962	<96.2
BACKGR OUND-12@4'	12/05/2022	40.0831523	-105.0401071	3.37	105	0.22	<1.22	<9.66	<9.66	10.7	<0.0966	<0.0966	<96.6
BACKGR OUND-2@4'	12/05/2022	40.0852134	-105.039141	3.49	88.9	0.102	<0.244	<9.35	<9.35	12	<0.0935	<0.0935	<93.5
BACKGR OUND-3@4'	12/05/2022	40.0853631	-105.039692	2.8	96.3	0.104	<0.244	<9.21	<9.21	10.4	<0.0921	<0.0921	<92.1
BACKGR OUND-4@4'	12/05/2022	40.0852311	-105.0397253	2.67	67.4	0.111	<0.252	<9.43	<9.43	9.45	0.104	<0.0943	<94.3
BACKGR OUND-5@4'	12/05/2022	40.0850317	-105.0397522	2.91	84.6	<0.0969	<0.244	<9.69	<9.69	10.2	<0.0969	<0.0969	<96.9
BACKGR OUND-6@4'	12/05/2022	40.084934	-105.039781	3.26	85.6	0.103	<0.488	<9.57	<9.57	11	0.105	<0.0957	<95.7
BACKGR OUND-7@4'	12/05/2022	40.0848323	-105.0397817	3.97	100	0.138	<0.488	<9.81	9.82	12.3	<0.0981	<0.0981	<98.1

BACKGROUND-8@4'	12/05/2022	40.0846531	-105.0393296	3.42	102	0.153	<0.488	<9.35	9.43	10.3	<0.0935	<0.0935	<93.5
BACKGROUND-9@4'	12/05/2022	40.0845244	-105.039823	3.73	104	0.144	<0.244	<9.47	<9.47	12	0.125	<0.0947	<94.7
SS-9@5'	10/24/2022	40.0829035	-105.0399182	4.19	113	0.129	<0.244	11.1	<9.46	13.3	0.17	<0.0946	<94.6
SS-9@7'	10/31/2022	40.0829035	-105.0399182	3.4	106	0.124	<0.247	11.1	<9.47	12.5	<0.0947	<0.0947	<94.7

****Note**

- mg/Kg = milligrams per kilogram
- < = less than the stated laboratory method
- Screening levels derived from Energy and Carbon
- Red Text: exceeds table 915-1 concentration