

Klein 24-8 Flowline							
Soil Suitability for Reclamation				Conductance (EC)	SAR	pH	Boron
Table 915-1 Concentration				4	6	6-8.3	2
Units				mmhos/cm		pHUnits	mg/L
Sample ID w/ sample depth	Sample Date	Latitude	Longitude				
BG#1 0-5	03/07/2024	40.14763340	-104.35607660	0.103	0.192	7.64	<0.101
BG#1 10-15	03/07/2024	40.14763340	-104.35607660	0.246	0.16	8.07	<0.0986
BG#1 5-10	03/07/2024	40.14763340	-104.35607660	0.249	0.212	8.2	<0.0986
BG#2 0-5	03/07/2024	40.14779320	-104.35572750	0.243	0.111	8.23	0.115
BG#2 10-15	03/07/2024	40.14779320	-104.35572750	0.311	0.256	8.43	<0.099
BG#2 5-10	03/07/2024	40.14779320	-104.35572750	0.272	0.25	8.34	0.258
BG#3 0-5	03/07/2024	40.14766960	-104.35559810	0.0762	0.14	7.87	<0.0984
BG#3 10-15	03/07/2024	40.14766960	-104.35559810	0.266	0.899	8.37	0.121
BG#3 5-10	03/07/2024	40.14766960	-104.35559810	0.155	2.8	7.37	0.13
BG#4 0-5	03/07/2024	40.14732080	-104.35556920	0.207	0.128	8.29	<0.101
BG#4 10-15	03/07/2024	40.14732080	-104.35556920	0.154	0.196	8.25	<0.0998

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Units				mmhos/cm		pHUnits	mg/L
Sample ID w/ sample depth	Sample Date	Latitude	Longitude				
BG#4 5-10	03/07/2024	40.14732080	-104.35556920	0.085	0.715	7.66	0.132
BG@0'	02/23/2024	40.14757710	-104.35467890	0.171	0.0546	7.82	0.104
BG-2	02/23/2024	40.14730050	-104.35535780	0.258	0.0405	8.11	0.164
BG-3	02/23/2024	40.14727650	-104.35553230	0.256	0.032	8.23	0.167
BG-4	02/23/2024	40.14729680	-104.35570190	0.413	0.04	8.11	0.263
BH-1	03/04/2024	40.14748690	-104.35543260	0.382	0.251	8.4	0.154
Source @2'	02/23/2024	40.14748800	-104.35544980	0.388	0.378	8.26	0.16
SS-1	02/23/2024	40.14742690	-104.35541880	0.463	0.042	7.95	0.284
SS-2	02/23/2024	40.14741360	-104.35547440	0.637	0.15	8.12	0.284
SS-2R	05/06/2024	40.14741360	-104.35547440	0.228	0.245	8.43	0.218
SS-3	02/23/2024	40.14743480	-104.35558120	0.538	0.0589	8.1	0.359

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Sample ID w/ sample depth	Sample Date	Latitude	Longitude				
SS-4@0'	06/03/2024	40.14747620	-104.35547638	0.525	1.36	8.36	0.281
SS-5@0'	06/03/2024	40.14738083	-104.35556793	0.652	0.0129	8.13	0.805
SS-6@0'	06/03/2024	40.14737701	-104.35540009	0.58	ND	7.94	0.351
SW-1	03/04/2024	40.14750400	-104.35544320	0.231	0.122	8.08	0.162
SW-1R	05/06/2024	40.14750400	-104.35544320	0.385	0.192	8.36	0.123
SW-2	03/04/2024	40.14747690	-104.35539250	0.225	0.111	8.08	0.122
SW-3	03/04/2024	40.14749070	-104.35544610	0.209	0.0517	8.02	0.134

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Sample ID w/ sample depth	Sample Date	Latitude	Longitude				
SW-4	03/04/2024	40.14751040	-104.35547420	0.293	0.197	8.26	0.153

****Note**

- mmhos/cm = millimhos per centimeter
- < = less than the stated laboratory method detection limit
- mg/L = milligrams per liter
- SAR = Sodium Adsorption Ratio
- **Red Text: exceeds table 915-1 concentration**