

**TABLE 1 - SOIL ANALYTICAL RESULTS - INORGANIC ANALYTES**  
**BONANZA CREEK ENERGY OPERATING COMPANY, LLC**  
**SPILL POINT ID: 481037**  
**STATE PRONGHORN 41-32 CPF**  
**NENE SEC.32 T5N R61W**  
**WELD COUNTY, COLORADO**

Analyte			EC	SAR	pH	HWS Boron	Arsenic	Barium	Cadmium	Chromium VI	Copper	Lead	Nickel	Selenium	Silver	Zinc	
<b>915-1 PROTECTION OF GW</b>			4	6	6-8.3	2	0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370	
<b>915-1 RESIDENTIAL SOIL</b>			4	6	6-8.3	2	0.68	15000	71	0.3	3100	400	1500	390	390	23000	
Units			mmhos/cm	No Unit	SU	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
Sample Name	Sample Type	Sample Date															
PW-SS-01 @ 7'	Soil	11/5/2021	<b>6.44</b>	<b>53.2</b>	8.17	<b>2.75</b>											
PW-SS-02 @ 7'	Soil	11/5/2021	3.72	<b>35.5</b>	7.40	1.30											
PW-SS-03 @ 7'	Soil	11/5/2021	<b>8.60</b>	<b>71.4</b>	7.77	<b>2.97</b>											
PW-SS-03 @ 3'	Soil	11/5/2021	<b>5.75</b>	<b>103</b>	7.57	<b>2.59</b>											
PW-SS-04 @ 7'	Soil	11/5/2021	<b>6.43</b>	<b>98.6</b>	<b>8.37</b>	<b>2.85</b>											
PW-SS-05 @ 1'	Soil	11/5/2021	0.326	0.698	8.00	<0.200											
PW-SS-06 @ 1'	Soil	11/5/2021	<b>7.80</b>	<b>24.7</b>	7.90	0.919											
PW-SS-07 @ 1'	Soil	11/5/2021	0.375	0.605	8.01	<0.199											
PW-FS-01 @ 8'	Soil	11/5/2021	3.39	<b>20.9</b>	7.68	0.998	<b>1.66</b>	40.6	0.0259	<0.244	2.13	3.1	2.94	0.182	0.0093	12.9	
PW-FS-02 @ 2'	Soil	11/5/2021	<b>8.74</b>	<b>27.4</b>	8.05	1.89	<b>2.01</b>	50.9	<0.25	<0.497	2.28	3.51	2.89	0.198	0.009	12.1	
Background-01 @ 5'	Soil	11/22/2021					<b>1.61</b>	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PW-CS-01 @ 8'	Soil	1/13/2022	0.202	0.393	8.10	<0.201											
PW-CS-02 @ 8'	Soil	1/13/2022	<b>6.82</b>	<b>86.2</b>	<b>8.47</b>	<b>2.28</b>											
PW-CS-03 @ 8'	Soil	1/13/2022	0.749	3.44	8.02	0.197											
PW-CS-04 @ 8'	Soil	1/13/2022	<b>3.89</b>	<b>40.3</b>	7.86	1.55											
PW-CS-05 @ 3'	Soil	1/13/2022	0.182	0.380	8.13	<0.200											
PW-CS-06 @ 3'	Soil	1/13/2022	0.443	0.567	7.98	<0.201											
PW-CS-07 @ 3'	Soil	1/13/2022	0.261	0.306	8.14	<0.199											
PW-CS-FS-01 @ 9'	Soil	1/13/2022	2.69	<b>44.1</b>	<b>8.31</b>	1.54											
PW-CS-FS-02 @ 4'	Soil	1/13/2022	1.18	1.67	7.92	<0.196											
PW-CS-08 @ 8.5'	Soil	6/14/2022	0.122	0.117	6.60	<0.100											
PW-CS-09 @ 8.5'	Soil	6/14/2022	0.114	0.0975	6.69	<0.100											
PW-CS-FS-03 @ 10'	Soil	6/14/2022	0.0964	0.114	<b>5.84</b>	<0.100											
PW-CS-FS-04 @ 10'	Soil	6/14/2022	0.0969	0.0986	6.16	<0.100											

**Notes:**  
 Bold with silver highlight: Exceeds RSSLs  
 Bold with blue highlight: Exceeds POGs  
 "<" (as in, less than laboratory reporting detection limit)