

**Table 1**  
**697-16D**  
**Soil Sample Summary**

LABORATORY DATA SUMMARY				
Sample ID	697-16D POR	COGCC TABLE 915-1 CONCENTRATION LEVELS		UNITS
Sample Depth	0-6"			
Longitude	39.516632			
Latitude	-108.22275			
Sample Type	Grab			
Sample Description	Point of release - Surface			
Sample Date	2/15/2022			
Analytical Parameters		Residential Soil Screening Level	Protection of Groundwater Screening Level	
TPH				
TPH Gasoline Range Organics	5310	500		mg/kg
TPH Diesel Range Organics [C10-C28]	2000			
TPH Oil Range Organics [C28-C36]	284			
TOTAL TPH	7594			
BTEX				
Benzene	5.79	1.2	0.0026	mg/kg
Toluene	94	490	0.69	mg/kg
Ethylbenzene	15.3	5.8	0.78	mg/kg
Total Xylenes	646.0	58	9.9	mg/kg
TMB				
1,2,4-Trimethylbenzene	54.5	30	0.0081	mg/kg
1,3,5-Trimethylbenzene	50.3	27	0.0087	mg/kg
Metals				
Arsenic	15.5	0.68	0.29	mg/kg
Barium	497	15,000	82	mg/kg
Cadmium	0.249 J	71	0.38	mg/kg
Chromium (Hexavalent)	< 0.255	0.3	0.00067	mg/kg
Copper	23.9	3,100	46	mg/kg
Lead	12.7	400	14	mg/kg
Nickel	17.7	1,500	26	mg/kg
Selenium	< 0.764	390	0.26	mg/kg
Silver	< 0.127	390	0.8	mg/kg
Zinc	98.1	23,000	370	mg/kg
SAR Metals Analysis				
Sodium Adsorption Ratio	40.7	<6		ratio
Polynuclear Aromatic Hydrocarbons				
Acenaphthene	< 0.00209	360	0.55	mg/kg
Anthracene	0.0191	1,800	5.8	mg/kg
Benzo(a)anthracene	< 0.00173	1.1	0.011	mg/kg
Benzo(a)pyrene	< 0.00179	0.11	0.24	mg/kg
Benzo(b)fluoranthene	< 0.00153	1.1	0.3	mg/kg
Benzo(k)fluoranthene	< 0.00215	11	2.9	mg/kg
Chrysene	0.00296 J	110	9	mg/kg
Dibenzo(a,h)anthracene	< 0.00172	0.11	0.096	mg/kg
Fluoranthene	0.00363 J	240	8.9	mg/kg
Fluorene	0.189 J3, J5	240	0.54	mg/kg
Indeno(1,2,3-cd)pyrene	< 0.00181	1.1	0.98	mg/kg
1-Methylnaphthalene	2.26 J3, V	18	0.006	mg/kg
2-Methylnaphthalene	6.07 J3, V	24	0.019	mg/kg
Naphthalene	3.14 V	2	0.0038	mg/kg
Pyrene	0.00611	180	1.3	mg/kg
General Chemistry				
Boron	0.660	2		mg/L
Specific Conductivity	1.310	<4		mmhos/cm
pH (T8 Qualifier - Received past holding time)	8.38	6-8.3		su

mg/kg - milligrams per kilogram  
mg/L - milligrams per liter  
J - indicates an estimated value  
V - The sample concentration is too high to evaluate accurate spike recoveries.  
B - same analyte is found in associated blank  
J3 - The associated batch QC was outside the established quality control range for precision.  
J5 - The sample matrix interfered with the ability to make any accurate determination; spike value is high.  
J6 - sample matrix interfered with the ability to make any accurate determination; spike value is low  
mmhos/cm - millimhos per centimeter  
mv - millivolts  
su - standard units  
NA - not applicable  
NT - parameter was not tested  
ND - not detected above method detection limit  
T8 - Samples received past/too close to holding time expiration

Over COGCC Table 915-1 concentration levels but under BACKGROUND level.  
Over COGCC Table 915-1 concentration levels and not w/in BACKGROUND level.  
Over COGCC Table 915-1 concentration levels