

TABLE 1
SOIL ANALYTICAL RESULTS
SNOWBIRD 16-15 SPILL

LINCOLN COUNTY, COLORADO
NIGHTHAWK ENERGY

Parameter	COGCC Table 910-1 Concentration Levels	Units	SS01	SS02	SS03
Sample Date			8/24/2017	8/24/2017	8/24/2017
Sample Type			Soil	Soil	Soil
Benzene	0.17	mg/kg	<0.0020	<0.0020	<0.0020
Toluene	85	mg/kg	<0.0050	<0.0050	<0.0050
Ethylbenzene	100	mg/kg	<0.0050	<0.0050	<0.0050
Total Xylenes	175	mg/kg	<0.0050	<0.0050	<0.0050
DRO	--	mg/kg	<50	<50	<50
GRO	--	mg/kg	<0.50	<0.50	<0.50
TPH	500	mg/kg	<500	<500	<500
EC	<4	mmhos/cm	43.1	10.6	17.7
pH	6 - 9	SU	7.33	7.52	7.49
SAR	<12	unitless	22.9	4.50	6.89

NOTES:

COGCC - Colorado Oil and Gas Conservation Commission

BOLD - indicates result exceeds the COGCC Table 910-1 Concentration Level

DRO - diesel range organics

EC - electrical conductivity

GRO - gasoline range organics

-- - not analyzed/no standard

mg/kg - milligrams per kilogram

mmhos/cm - millimhos per centimeter

SAR - sodium adsorption ratio

SU - standard units

TPH - total petroleum hydrocarbons is the sum of GRO and DRO

< - less than the stated analytical reporting limit

