


RAMPIKE RESOURCES, LTD
PYLES #4
API 05-061-06182; LOCATION ID 324811
SENW 10 19S45W
TOPOGRAPHIC MAP

Legend

 Pyles #4 Location



0 ft 1275 ft



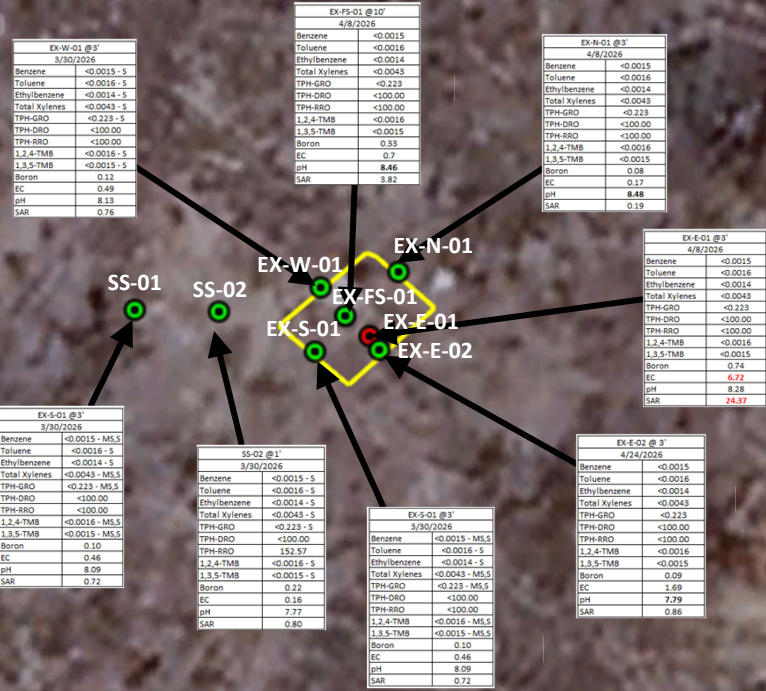
APPROXIMATE SCALE IN FEET



Prepared By:
Ardor Environmental LLC

May 22, 2026

9/2023



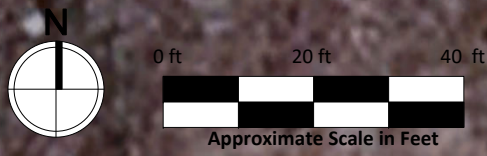
BG-01			
3/30/2026			
Depth	1'	3'	10'
Boron	0.20	0.1	0.13
EC	0.13	0.27	0.33
pH	7.77	8.12	8.50
SAR	0.08	0.26	2.81

EX-S-01 @ 3'	
3/30/2026	
Benzene	<0.0015 - MS.S
Toluene	<0.0016 - S
Ethylbenzene	<0.0014 - S
Total Xylenes	<0.0043 - MS.S
TPH-GRO	<0.223 - MS.S
TPH-DRO	<100.00
TPH-RRO	<100.00
1,2,4-TMB	<0.0016 - MS.S
1,3,5-TMB	<0.0015 - MS.S
Boron	0.19
EC	0.46
pH	8.09
SAR	0.72

SS-02 @ 1'	
3/30/2026	
Benzene	<0.0015 - S
Toluene	<0.0016 - S
Ethylbenzene	<0.0014 - S
Total Xylenes	<0.0043 - S
TPH-GRO	<0.223 - S
TPH-DRO	<100.00
TPH-RRO	<100.00
1,2,4-TMB	<0.0016 - S
1,3,5-TMB	<0.0015 - S
Boron	0.16
EC	0.16
pH	7.77
SAR	0.80

EX-S-01 @ 3'	
3/30/2026	
Benzene	<0.0015 - MS.S
Toluene	<0.0016 - S
Ethylbenzene	<0.0014 - S
Total Xylenes	<0.0043 - MS.S
TPH-GRO	<0.223 - MS.S
TPH-DRO	<100.00
TPH-RRO	<100.00
1,2,4-TMB	<0.0016 - MS.S
1,3,5-TMB	<0.0015 - MS.S
Boron	0.16
EC	0.16
pH	7.77
SAR	0.72

EX-E-02 @ 3'	
4/24/2026	
Benzene	<0.0015
Toluene	<0.0016
Ethylbenzene	<0.0014
Total Xylenes	<0.0043
TPH-GRO	<0.223
TPH-DRO	<100.00
TPH-RRO	<100.00
1,2,4-TMB	<0.0016
1,3,5-TMB	<0.0015
Boron	0.74
EC	6.72
pH	8.28
SAR	24.37



Imagery Source: Google Earth 2023

RAMPIKE RESOURCES, LTD
PYLES #4
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SENW 10 19S45W
TABLE 2 ANALYTICAL SOIL SAMPLE LOCATIONS

Legend

- Background Soil Sample
- Soil Sample In Compliance With Table 915-1
- Soil Sample Above Background Levels

NOTES: VALUES PRESENTED IN **BOLD** EXCEED CECMC TABLE 915-1 REGULATORY LIMITS; ARE WITHIN BACKGROUND LEVELS

CECMC TABLE 915-1 SOIL STANDARDS			
Compound	Concentrations	Compound	Concentrations
Benzene	1.2mg/kg	1,3,5-TMB	27mg/kg
Toluene	490mg/kg	Boron	2mg/l
Ethylbenzene	5.8mg/kg	EC	<4mmhos/cm
Xylenes	58mg/kg	pH	6-8.3
TPH	500mg/kg	SAR	<6
1,2,4-TMB	30mg/kg		

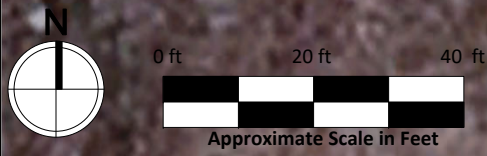
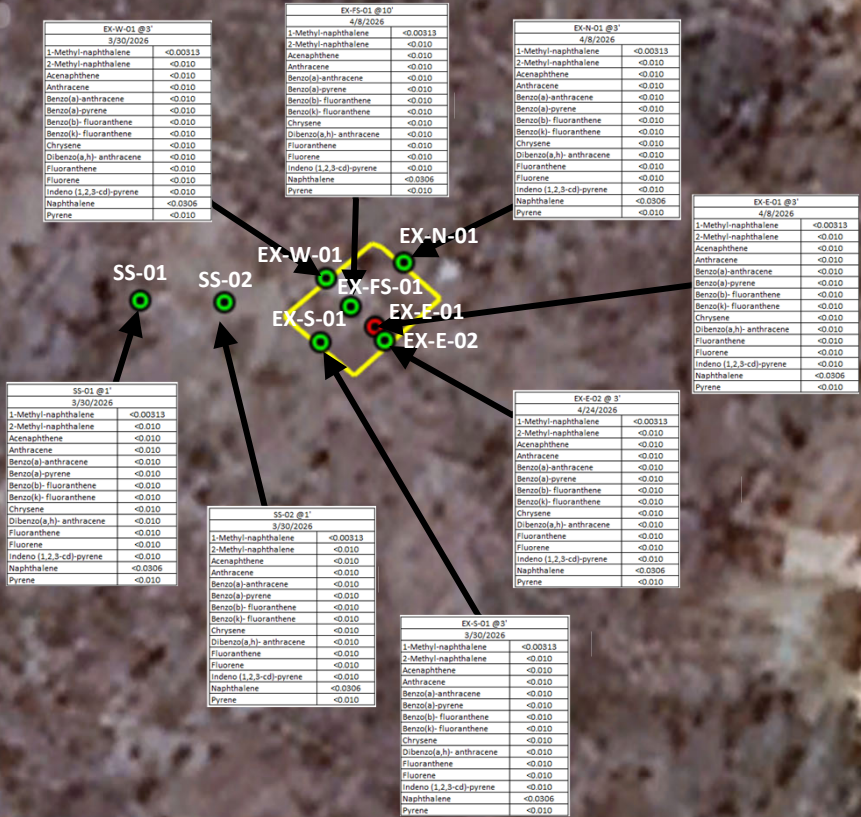
mg/l – milligrams per liter
 mmhos/cm – millimhos per centimeter
 mg/kg – milligrams per kilogram



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SENW 10 19S45W
TABLE 3 ANALYTICAL SOIL SAMPLE LOCATIONS

Legend

- Background Soil Sample
- Soil Sample In Compliance With Table 915-1
- Soil Sample Above Background Levels

NOTES: VALUES PRESENTED IN **BOLD** EXCEED CECMC TABLE 915-1 REGULATORY LIMITS; ARE WITHIN BACKGROUND LEVELS

CECMC TABLE 915-1 SOIL STANDARDS			
Compound	Concentrations	Compound	Concentrations
Benzene	1.2mg/kg	1,3,5-TMB	27mg/kg
Toluene	490mg/kg	Boron	2mg/l
Ethylbenzene	5.8mg/kg	EC	<4mmhos/cm
Xylenes	58mg/kg	pH	6-8.3
TPH	500mg/kg	SAR	<6
1,2,4-TMB	30mg/kg		

mg/l – milligrams per liter
 mmhos/cm – millimhos per centimeter
 mg/kg – milligrams per kilogram



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EX-W-01 @3'	
3/30/2026	
arsenic	4.71
barium	108.35
cadmium	0.15
chromium (VI)	<0.08
copper	12.59
lead	6.5
nickel	6.23
selenium	5.07
silver	<0.25 - RL1
zinc	25.2

EX-FS-01 @10'	
4/8/2026	
arsenic	4.42
barium	54.75
cadmium	0.16
chromium (VI)	<0.08
copper	10.76
lead	7.1
nickel	6.76
selenium	3.25
silver	<0.25 - RL1
zinc	27.33

EX-N-01 @3'	
4/8/2026	
arsenic	4.65
barium	138.02
cadmium	0.16
chromium (VI)	<0.08
copper	10.33
lead	7.44
nickel	7.39
selenium	3.8
silver	<0.03
zinc	28.56

EX-E-01 @3'	
4/8/2026	
arsenic	4.44
barium	110.82
cadmium	0.17
chromium (VI)	<0.08
copper	10.75
lead	8.26
nickel	7.77
selenium	3.79
silver	<0.25 - RL1
zinc	29.9

EX-E-02 @ 3'	
4/24/2026	
arsenic	4.02
barium	104.10 - MS
cadmium	0.14
chromium (VI)	<0.08
copper	6.42
lead	6.41
nickel	6.31
selenium	3.59
silver	<0.03
zinc	24.46

EX-S-01 @3'	
3/30/2026	
arsenic	5.49
barium	97.27
cadmium	0.17
chromium (VI)	<0.08
copper	10.33
lead	9.99
nickel	7.47
selenium	7.06
silver	5.64
zinc	<0.25 - RL1

SS-02 @1'	
3/30/2026	
arsenic	4.48
barium	61.37
cadmium	0.13
chromium (VI)	<0.08
copper	9.99
lead	5.38
nickel	5.10
selenium	3.88
silver	<0.03
zinc	20.78

SS-01 @1'	
3/30/2026	
arsenic	4.65
barium	72.55
cadmium	0.14
chromium (VI)	0.08
copper	10.49
lead	6.16
nickel	6.10
selenium	4.51
silver	<0.25 - RL1
zinc	24.68

BG-01			
3/30/2026			
Depth	1'	3'	10'
arsenic	4.2	4.45	3.99
barium	63.28	84.55	82.23
cadmium	0.15	0.15	0.15
chromium (VI)	<0.08	<0.08	<0.08
copper	10.17	9.53	9.70
lead	5.7	6.1	5.62
nickel	5.28	5.84	5.50
selenium	4.06	4.29	3.85
silver	<0.03	<0.03	<0.25 - RL1
zinc	21.48	21.84	21.08

BG-01

SS-01

SS-02

EX-W-01

EX-FS-01

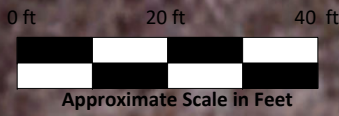
EX-N-01

EX-S-01

EX-E-01

EX-E-02

Pyles #4



Imagery Source: Google Earth 2023

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 PYLES #4
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 SENW 10 19S45W
 Table 4ANALYTICAL SOIL SAMPLE LOCATIONS

Legend

- Blue circle: Background Soil Sample
- Green circle: Soil Sample In Compliance With Table 915-1
- Red circle: Soil Sample Above Background Levels

NOTES: VALUES PRESENTED IN **BOLD** EXCEED CECMC TABLE 915-1 REGULATORY LIMITS; ARE WITHIN BACKGROUND LEVELS

CECMC TABLE 915-1 SOIL STANDARDS			
Compound	Concentrations (mg/kg)	Compound	Concentrations (mg/kg)
Arsenic	0.68	Lead	400
Barium	15000	Nickel	1500
Cadmium	71	Selenium	390
Chromium (VI)	0.3	Silver	390
Copper	3100	Zinc	23000

mg/kg – milligrams per kilogram



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