Carmichael Coal Mine Project

Groundwater Quality data

December 2025

	Sample Type:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	Sample Date:	07/12/2025	07/12/2025	07/12/2025	05/12/2025	07/12/2025	07/12/2025	07/12/2025	07/12/2025	06/12/2025	06/12/2025	06/12/2025	06/12/2025	06/12/2025	07/12/2025	07/12/2025
	Client sample ID (1st):	C011P3	C012P1	C012P2	C014P2	C018P2	C018P3	C022P1	C024P3	C029P1	C032P2	C034P3	C035P1	C035P2	C14003SP	C14004SP
	Hydro-stratigraphic unit:	Colinlea Sandstone	Joe Joe Group	Joe Joe Group	Bandanna Formation	Bandanna Formation	Colinlea Sandstone	Dunda Beds	Colinlea Sandstone	Alluvium	Bandanna Formation	Colinlea Sandstone	Rewan Formation	Bandanna Formation	Joe Joe Group	Joe Joe Group
Analyte grouping/Analyte	**Unit**															
pH Value	pH Unit	**7.42**	**6.14**	**7.21**	**7.88**	**7.11**	**7.05**	**5.73**	**6.4**	**7.3**	**8**	**6.56**	**6.89**	**6.88**	**5.86**	**6.93**
Electrical Conductivity @ 25°C	µS/cm	**841**	**1820**	**2510**	**1780**	**1890**	**901**	**250**	**1290**	**29500**	**1170**	**1590**	**3570**	**1380**	**56200**	**59200**
Total Dissolved Solids @180°C	mg/L	**464**	**1070**	**1400**	**1030**	**1110**	**496**	**159**	**732**	**20700**	**688**	**900**	**1970**	**774**	**41400**	**44600**
Total Alkalinity as CaCO3	mg/L	**229**	**86**	**280**	**344**	**263**	**189**	**16**	**126**	**2230**	**362**	**104**	**166**	**121**	**73**	**198**
Sulfate as SO4 - Turbidimetric	mg/L	<1	**52**	**49**	<1	**11**	**14**	**5**	**20**	**960**	**1**	**21**	**50**	**19**	**2540**	**1990**
Chloride	mg/L	**166**	**541**	**639**	**448**	**495**	**193**	**65**	**367**	**8770**	**207**	**462**	**985**	**395**	**20700**	**21700**
Calcium	mg/L	**23**	**30**	**81**	**18**	**50**	**26**	<1	**13**	**27**	**10**	**22**	**14**	**11**	**2220**	**2940**
Magnesium	mg/L	**5**	**33**	**29**	**5**	**34**	**6**	**3**	**25**	**275**	**4**	**11**	**15**	**8**	**1510**	**1260**
Sodium	mg/L	**164**	**329**	**412**	**413**	**311**	**178**	**46**	**229**	**6720**	**277**	**302**	**733**	**287**	**8690**	**8940**
Potassium	mg/L	**9**	**13**	**15**	**8**	**18**	**10**	**3**	**10**	**204**	**5**	**13**	**5**	**6**	**34**	**42**
Aluminium	mg/L	<0.01	<0.01	<0.01	**0.01**	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05
Arsenic	mg/L	<0.001	<0.001	**0.002**	<0.001	<0.001	<0.001	<0.001	**0.003**	<0.005	**0.005**	<0.001	**0.002**	<0.001	<0.005	<0.005
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005
Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Cobalt	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.017**	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	**0.019**	<0.005
Copper	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.003**	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Manganese	mg/L	**0.034**	**0.019**	**0.189**	**0.008**	**0.071**	**0.053**	**0.006**	**0.148**	**0.104**	**0.032**	**0.244**	**0.118**	**0.11**	**2.83**	**8.43**
Molybdenum	mg/L	<0.001	<0.001	<0.001	**0.003**	<0.001	<0.001	<0.001	<0.001	<0.005	**0.007**	<0.001	<0.001	<0.001	<0.005	<0.005
Nickel	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.002**	**0.009**	<0.005	<0.001	<0.001	<0.001	<0.001	**0.022**	<0.005
Selenium	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.020	<0.004	<0.004	<0.004	<0.004	<0.020	<0.020
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Uranium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.059**	<0.001	<0.001	<0.001	<0.001	<0.005	<0.005
Vanadium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.05	<0.05
Zinc	mg/L	<0.005	**0.04**	<0.005	<0.005	<0.005	**0.006**	**0.023**	**0.042**	<0.025	<0.005	**0.098**	**0.02**	**0.012**	**0.034**	<0.025
Boron	mg/L	**0.47**	**0.48**	**0.54**	**0.41**	**0.62**	**0.42**	**0.16**	**0.35**	**3.97**	**0.49**	**0.27**	**0.77**	**0.33**	**2.81**	**0.5**
Iron	mg/L	**0.42**	<0.05	**0.31**	**0.13**	**0.43**	**0.85**	<0.05	**10.3**	<0.05	**0.14**	**3.11**	**0.22**	**0.36**	**19.9**	**3.01**
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0005
Fluoride	mg/L	**1.1**	**0.2**	**0.4**	**1.1**	**0.4**	**1.1**	<0.1	**0.4**	**1.3**	**1**	**0.2**	**0.6**	**0.2**	**0.1**	**0.1**
Ammonia as N	mg/L	**0.21**	<0.01	<0.01	**0.93**	**0.01**	**0.1**	<0.01	**0.13**	**0.05**	**0.39**	**0.09**	<0.01	**0.02**	**0.25**	**1.26**
Nitrite as N	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate as N	mg/L	<0.01	**0.04**	<0.01	<0.01	<0.01	<0.01	**0.12**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Total Phosphorus as P	mg/L	<0.01	**0.02**	**0.02**	<0.01	**0.11**	**0.05**	**0.02**	**0.1**	**0.58**	**0.03**	**0.01**	**0.01**	**0.02**	<0.05	**0.07**
Sulfide as S2-	mg/L	<0.10	<0.10	**0.23**	**0.2**	<0.10	<0.10	<0.10	<0.10	**2.75**	**0.35**	<0.10	<0.10	<0.10	<0.10	<0.10
C6 - C9 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
C6 - C10 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
>C10 - C40 Fraction (sum)	µg/L	<100	<100	<100	<100	<100	**170**	<100	<100	<100	<100	<100	<100	<100	<100	<100
Sum of BTEX	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

	Sample Type:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	Sample Date:	06/12/2025	06/12/2025	07/12/2025	07/12/2025	06/12/2025	07/12/2025	05/12/2025	05/12/2025	05/12/2025	06/12/2025	06/12/2025	07/12/2025	07/12/2025	05/12/2025	07/12/2025
	Client sample ID (1st):	C14006SP	C14008SP	C14012SP	C14013SP	C14016SP	C14020SP	C14021SP	C14023SP	C14024SP	C14027SP	C14029SP	C14033SP	C18009SP	C180117SP	C19002SP
	Hydro-stratigraphic unit:	Joe Joe Group	Joe Joe Group	Clematis Sandstone	Clematis Sandstone	Joe Joe Group	Moolayember	Clematis Sandstone	Dunda Beds	Composite Bore (Clematis /Dunda)	Alluvium	Composite Bore (Tertiary/Joe Joe)	Clematis Sandstone	Weathered Tertiary	Dunda Beds	Clematis Sandstone
Analyte grouping/Analyte	**Unit**															
pH Value	pH Unit	**6.64**	**7.09**	**7.22**	**5.35**	**7.32**	**6.17**	**6.24**	**7.92**	**6.9**	**6.68**	**6.23**	**5.64**	**7.22**	**6.22**	**6.15**
Electrical Conductivity @ 25°C	µS/cm	**8970**	**757**	**452**	**377**	**2780**	**1410**	**568**	**694**	**524**	**55000**	**10700**	**353**	**28900**	**204**	**312**
Total Dissolved Solids @180°C	mg/L	**5010**	**418**	**249**	**233**	**1620**	**776**	**319**	**391**	**293**	**38600**	**6040**	**202**	**20300**	**116**	**174**
Total Alkalinity as CaCO3	mg/L	**134**	**130**	**148**	**11**	**183**	**46**	**47**	**150**	**88**	**218**	**64**	**16**	**143**	**39**	**31**
Sulfate as SO4 - Turbidimetric	mg/L	**203**	**13**	**5**	**10**	**63**	**55**	**21**	**2**	**4**	**2420**	**491**	**3**	**932**	**8**	**7**
Chloride	mg/L	**2750**	**179**	**71**	**110**	**713**	**416**	**152**	**153**	**119**	**20200**	**3150**	**96**	**8540**	**40**	**78**
Calcium	mg/L	**182**	**7**	**3**	**1**	**38**	**6**	**5**	**3**	**2**	**1010**	**180**	**2**	**1370**	**1**	**7**
Magnesium	mg/L	**88**	**6**	**2**	**10**	**12**	**43**	**12**	**1**	**4**	**1330**	**146**	**10**	**565**	**2**	**5**
Sodium	mg/L	**1470**	**140**	**99**	**57**	**503**	**206**	**86**	**144**	**100**	**10900**	**1650**	**47**	**3410**	**40**	**44**
Potassium	mg/L	**23**	**5**	**8**	**7**	**8**	**24**	**16**	**8**	**9**	**133**	**12**	**10**	**19**	**2**	**4**
Aluminium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	**0.01**	<0.01
Arsenic	mg/L	<0.001	<0.001	<0.001	<0.001	**0.006**	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	**0.001**	<0.001	<0.001
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	**0.005**	<0.001	**0.002**
Cobalt	mg/L	<0.001	**0.008**	<0.001	**0.004**	<0.001	**0.001**	<0.001	<0.001	<0.001	**0.01**	**0.004**	**0.002**	<0.001	<0.001	<0.001
Copper	mg/L	<0.001	<0.001	<0.001	**0.006**	<0.001	<0.001	**0.004**	<0.001	<0.001	**0.013**	<0.001	**0.002**	**0.004**	**0.003**	<0.001
Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	mg/L	**0.429**	**0.067**	**0.002**	**0.018**	**0.209**	**0.001**	**0.002**	**0.054**	**0.105**	**1.54**	**0.055**	**0.003**	**0.052**	**0.008**	**0.007**
Molybdenum	mg/L	<0.001	<0.001	<0.001	<0.001	**0.002**	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	**0.014**	<0.001	<0.001
Nickel	mg/L	<0.001	**0.011**	<0.001	**0.009**	<0.001	**0.006**	<0.001	<0.001	<0.001	**0.012**	**0.008**	**0.002**	**0.013**	**0.001**	<0.001
Selenium	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.020	<0.004	<0.004	<0.004	<0.004	<0.004
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	**0.029**	<0.001	<0.001
Vanadium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	**0.013**	**0.028**	<0.005	**0.05**	**0.05**	**0.019**	**0.009**	<0.005	**0.006**	<0.025	**0.014**	**0.011**	**0.04**	**0.019**	**0.006**
Boron	mg/L	**0.44**	**0.1**	**0.13**	**0.12**	**0.39**	**0.33**	**0.15**	**0.09**	**0.13**	**2.91**	**1.59**	**0.08**	**1.54**	**0.05**	**0.08**
Iron	mg/L	**8.2**	**1.73**	<0.05	<0.05	**0.31**	<0.05	<0.05	<0.05	**0.5**	**3.32**	**0.89**	<0.05	<0.05	**1.7**	<0.05
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluoride	mg/L	**0.7**	**0.2**	**0.5**	<0.1	**0.7**	**0.2**	**0.1**	**0.4**	**0.2**	**0.2**	<0.1	<0.1	**0.6**	**0.2**	<0.1
Ammonia as N	mg/L	**0.47**	**0.06**	<0.01	<0.01	**0.27**	<0.01	<0.01	**0.12**	<0.01	**0.09**	**0.03**	**0.03**	**0.02**	**0.01**	**0.06**
Nitrite as N	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate as N	mg/L	<0.01	<0.01	**0.02**	**0.64**	<0.01	<0.01	**0.13**	<0.01	<0.01	<0.01	<0.01	**0.58**	**0.23**	<0.01	**0.22**
Total Phosphorus as P	mg/L	<0.02	<0.01	**0.07**	<0.01	**0.03**	**0.04**	**0.01**	<0.01	**0.01**	<0.05	<0.02	<0.01	<0.05	<0.01	<0.01
Sulfide as S2-	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	**0.52**	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10
C6 - C9 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
C6 - C10 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
>C10 - C40 Fraction (sum)	µg/L	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	**310**	<100	<100
Sum of BTEX	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

	Sample Type:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	Sample Date:	06/12/2025	07/12/2025	06/12/2025	06/12/2025	07/12/2025	06/12/2025	07/12/2025	06/12/2025	06/12/2025	06/12/2025	06/12/2025	06/12/2025	06/12/2025	07/12/2025	07/12/2025
	Client sample ID (1st):	C19003SP	C19007SP	C19008SP	C19010SP	C19011SP	C19012SP	C19022SP	C19028SP	C556P1	C833SP	C847SP	C848SP	C914030SPR	C9553P1R	C975SP
	Hydro-stratigraphic unit:	Colinlea Sandstone	Dunda Beds	Rewan Formation	Clematis Sandstone	Dunda Beds	Rewan Formation	Weathered Tertiary	Rewan Formation	Rewan Formation	Colinlea Sandstone	Bandanna Formation	Colinlea Sandstone	Joe Joe Group	Rewan Formation	Colinlea Sandstone
Analyte grouping/Analyte	**Unit**															
pH Value	pH Unit	**7.84**	**8.23**	**8.43**	**8.28**	**8.33**	**11**	**6.73**	**7.32**	**6.22**	**7.63**	**6.14**	**6.84**	**6.38**	**6.5**	**6.3**
Electrical Conductivity @ 25°C	µS/cm	**3230**	**798**	**892**	**579**	**740**	**2260**	**60800**	**6140**	**237**	**1010**	**326**	**2970**	**572**	**364**	**562**
Total Dissolved Solids @180°C	mg/L	**1920**	**439**	**542**	**320**	**533**	**1260**	**38900**	**3400**	**145**	**564**	**225**	**1660**	**322**	**220**	**310**
Total Alkalinity as CaCO3	mg/L	**207**	**170**	**175**	**176**	**158**	**313**	**258**	**311**	**42**	**247**	**30**	**224**	**36**	**69**	**50**
Sulfate as SO4 - Turbidimetric	mg/L	<1	**7**	<1	<1	<1	**77**	**2520**	**224**	**9**	<1	**7**	**19**	**12**	**10**	**21**
Chloride	mg/L	**854**	**172**	**207**	**100**	**165**	**441**	**19100**	**1570**	**54**	**202**	**90**	**770**	**152**	**73**	**148**
Calcium	mg/L	**68**	**5**	**6**	**2**	**3**	**26**	**2610**	**16**	<1	**19**	<1	**25**	**5**	**1**	**2**
Magnesium	mg/L	**12**	<1	<1	<1	<1	<1	**1320**	**55**	**1**	**6**	**2**	**23**	**5**	**5**	**6**
Sodium	mg/L	**547**	**182**	**191**	**134**	**158**	**410**	**8720**	**1170**	**42**	**182**	**63**	**543**	**99**	**64**	**104**
Potassium	mg/L	**11**	**5**	**5**	**6**	**4**	**16**	**29**	**13**	**2**	**18**	**2**	**16**	**5**	**3**	**6**
Aluminium	mg/L	<0.01	**0.02**	**0.01**	<0.01	<0.01	**0.57**	<0.05	<0.01	**0.02**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Arsenic	mg/L	<0.001	<0.001	**0.002**	<0.001	<0.001	**0.017**	**0.013**	**0.006**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.002**	<0.001
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	**0.003**	<0.001	<0.001	<0.001	**0.007**	<0.001	<0.001
Copper	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	**0.001**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.002**
Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	mg/L	**0.109**	**0.04**	**0.026**	**0.003**	**0.043**	<0.001	**2.84**	**0.162**	**0.031**	**0.228**	**0.001**	**0.296**	**0.163**	**0.073**	**0.035**
Molybdenum	mg/L	<0.001	**0.013**	**0.004**	<0.001	**0.003**	**0.043**	<0.005	<0.001	<0.001	**0.001**	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	**0.002**	<0.005	<0.001	**0.001**	<0.001	<0.001	<0.001	**0.011**	<0.001	<0.001
Selenium	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.020	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.005	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.008**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vanadium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	**0.048**	**0.008**	**0.007**	<0.005	**0.021**	**0.017**	**0.038**	**0.024**	**0.04**
Boron	mg/L	**0.45**	**0.09**	**0.06**	**0.08**	<0.05	**0.14**	**3.7**	**1.12**	**0.1**	**0.16**	**0.12**	**0.22**	**0.12**	**0.13**	**0.17**
Iron	mg/L	**2.27**	<0.05	<0.05	**0.07**	<0.05	<0.05	**15.9**	**0.59**	**0.75**	**0.85**	<0.05	**1.7**	**0.75**	**1.29**	<0.05
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	**0.0004**	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluoride	mg/L	**2.2**	**0.4**	**0.2**	**0.4**	**0.3**	**0.9**	**0.3**	**0.9**	**0.2**	**1.4**	**0.1**	**0.3**	**0.2**	**0.2**	**0.2**
Ammonia as N	mg/L	**0.24**	**0.18**	**0.24**	**0.12**	**0.18**	**7.47**	**0.03**	<0.01	<0.01	**0.21**	<0.01	**0.03**	<0.01	**0.14**	<0.01
Nitrite as N	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate as N	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.11**	<0.01	<0.01	<0.01	**0.06**
Total Phosphorus as P	mg/L	<0.01	**0.03**	**0.02**	**0.09**	<0.01	<0.01	<0.05	<0.01	<0.01	<0.01	<0.01	**0.01**	<0.01	**0.16**	<0.01
Sulfide as S2-	mg/L	<0.10	**0.62**	<0.10	**0.12**	<0.10	**21.8**	<0.10	<0.10	<0.10	**0.64**	<0.10	**0.1**	<0.10	**0.31**	<0.10
C6 - C9 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
C6 - C10 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
>C10 - C40 Fraction (sum)	µg/L	<100	<100	<100	<100	<100	**200**	<100	<100	<100	<100	<100	<100	<100	<100	<100
Sum of BTEX	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

	Sample Type:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	Sample Date:	06/12/2025	06/12/2025	06/12/2025	06/12/2025	06/12/2025	07/12/2025	07/12/2025	07/12/2025	07/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025
	Client sample ID (1st):	C9838SPR	C9845SPR	C9849SPR	Duplicate A	Duplicate B	Duplicate C	Duplicate D	Duplicate E	C016P2	C025P2	C027P1	C027P2	C029P2	C14011SP	C18002SP
	Hydro-stratigraphic unit:	Rewan Formation	Tertiary	Colinlea Sandstone						Bandanna Formation	Tertiary	Alluvium	Dunda Beds	Tertiary	Clematis Sandstone	Clematis Sandstone
Analyte grouping/Analyte	**Unit**															
pH Value	pH Unit	**6.01**	**6.65**	**7.13**	**6.94**	**6.26**	**6.33**	**6.12**	**8.26**	**8.07**	**6.76**	**7.53**	**7.17**	**7.8**	**7.36**	**7.86**
Electrical Conductivity @ 25°C	µS/cm	**391**	**1880**	**3140**	**9190**	**221**	**313**	**263**	**751**	**2210**	**15600**	**5950**	**665**	**15800**	**347**	**369**
Total Dissolved Solids @180°C	mg/L	**223**	**1070**	**1770**	**5100**	**153**	**178**	**152**	**416**	**1250**	**8680**	**3220**	**396**	**8760**	**203**	**205**
Total Alkalinity as CaCO3	mg/L	**17**	**74**	**272**	**126**	**34**	**27**	**29**	**158**	**174**	**377**	**180**	**46**	**297**	**69**	**134**
Sulfate as SO4 - Turbidimetric	mg/L	**6**	**51**	<1	**212**	**9**	**6**	**6**	<1	**8**	**391**	**389**	**11**	**338**	**5**	<1
Chloride	mg/L	**108**	**527**	**799**	**2760**	**54**	**79**	**70**	**161**	**570**	**4570**	**1440**	**182**	**4590**	**72**	**45**
Calcium	mg/L	**2**	**4**	**31**	**175**	<1	**8**	**1**	**3**	**37**	**103**	**22**	**2**	**100**	**24**	**1**
Magnesium	mg/L	**6**	**15**	**19**	**84**	**1**	**5**	**3**	<1	**6**	**99**	**98**	**3**	**140**	**5**	<1
Sodium	mg/L	**65**	**358**	**569**	**1480**	**42**	**45**	**45**	**158**	**346**	**2420**	**977**	**120**	**2680**	**37**	**78**
Potassium	mg/L	**3**	**7**	**21**	**22**	**2**	**4**	**2**	**5**	**21**	**48**	**53**	**7**	**68**	**3**	**12**
Aluminium	mg/L	<0.01	<0.01	<0.01	<0.01	**0.03**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**0.02**	<0.01	<0.01	<0.01
Arsenic	mg/L	<0.001	<0.001	<0.001	**0.001**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.002**	<0.001	**0.005**	<0.001	<0.001
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	mg/L	<0.001	**0.001**	<0.001	<0.001	<0.001	**0.002**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	**0.001**	<0.001	<0.001	<0.001	**0.002**	<0.001	**0.016**	<0.001	<0.001	<0.001	**0.001**	<0.001	<0.001	**0.001**	<0.001
Copper	mg/L	**0.012**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.004**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	mg/L	**0.003**	**0.008**	**0.341**	**0.413**	**0.029**	**0.007**	**0.006**	**0.044**	**0.008**	**1.27**	**1.35**	**0.044**	**0.153**	**0.01**	**0.071**
Molybdenum	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.003**	**0.002**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Nickel	mg/L	**0.002**	<0.001	<0.001	<0.001	<0.001	<0.001	**0.001**	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	**0.002**	<0.001
Selenium	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vanadium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	**0.021**	**0.027**	**0.025**	**0.011**	**0.007**	**0.006**	**0.022**	<0.005	<0.005	**0.008**	<0.005	**0.018**	**0.017**	**0.026**	<0.005
Boron	mg/L	**0.13**	**0.24**	**0.16**	**0.45**	**0.12**	**0.1**	**0.15**	<0.05	**0.25**	**1.26**	**0.49**	**0.16**	**1.05**	**0.09**	<0.05
Iron	mg/L	<0.05	<0.05	**3.28**	**8.5**	**0.71**	<0.05	<0.05	<0.05	<0.05	**3.25**	**3.66**	**1.51**	**0.67**	<0.05	<0.05
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluoride	mg/L	<0.1	**0.2**	**0.3**	**0.7**	**0.2**	<0.1	<0.1	**0.3**	**0.1**	**0.5**	**0.3**	**0.2**	**0.5**	<0.1	**0.5**
Ammonia as N	mg/L	<0.01	<0.01	**0.05**	**0.45**	<0.01	**0.05**	<0.01	**0.18**	**7.44**	**0.19**	**0.16**	**0.03**	**0.04**	<0.01	**0.09**
Nitrite as N	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate as N	mg/L	**0.21**	**0.05**	**0.02**	<0.01	<0.01	**0.54**	**0.13**	<0.01	<0.01	<0.01	**0.2**	**0.02**	**0.01**	**0.44**	<0.01
Total Phosphorus as P	mg/L	<0.01	<0.01	<0.01	<0.02	**0.03**	<0.01	<0.01	<0.01	<0.01	<0.02	**0.05**	**0.04**	<0.02	<0.01	**0.08**
Sulfide as S2-	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	**6.18**	**0.24**	<0.10	<0.10	**0.14**	<0.10	<0.10
C6 - C9 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
C6 - C10 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
>C10 - C40 Fraction (sum)	µg/L	<100	<100	**140**	<100	<100	<100	<100	<100	**330**	<100	<100	<100	<100	<100	<100
Sum of BTEX	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

	Sample Type:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	Sample Date:	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025	08/12/2025
	Client sample ID (1st):	C18003SP	C18010SP	C18011SP	C18012SP	C18013SP	C18014SP	C19001SP	C19014SP	C19015SP	C555P1	C919016SPR	HD02	HD03A	HD03B	Joshua Spring
	Hydro-stratigraphic unit:	Moolayember	Spring Discharge Clematis SSt	Spring Discharge Clematis SSt	Spring Discharge Clematis SSt	Spring Discharge Clematis SSt	Spring Discharge Clematis SSt	Alluvium	Clematis Sandstone	Dunda Beds	Rewan Formation	Rewan Formation	Clematis Sandstone	Clematis Sandstone	Alluvium	Spring Discharge Clematis SSt
Analyte grouping/Analyte	**Unit**															
pH Value	pH Unit	7.94	8.38	7.99	7.83	7.8	8.07	8.07	8.37	8.33	7.46	8.5	7.84	8.07	8.11	8.07
Electrical Conductivity @ 25°C	µS/cm	432	651	627	378	386	690	30900	671	682	798	732	421	683	772	528
Total Dissolved Solids @180°C	mg/L	238	361	368	214	234	380	17200	392	379	522	409	247	381	432	298
Total Alkalinity as CaCO3	mg/L	157	252	138	136	134	171	918	163	157	126	222	101	125	155	129
Sulfate as SO4 - Turbidimetric	mg/L	8	2	2	<1	<1	2	924	<1	<1	<1	<1	1	11	9	7
Chloride	mg/L	54	67	115	35	38	128	8590	119	141	179	128	85	139	155	92
Calcium	mg/L	3	7	2	1	<1	7	255	2	2	6	3	3	4	3	11
Magnesium	mg/L	2	2	<1	<1	<1	27	347	<1	<1	7	<1	2	2	2	3
Sodium	mg/L	84	130	119	77	81	81	5630	135	144	143	162	80	128	146	83
Potassium	mg/L	14	15	11	11	12	12	97	8	5	7	3	10	14	15	19
Aluminium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	0.11	<0.01	<0.01	<0.01
Arsenic	mg/L	0.001	<0.001	0.002	<0.001	<0.001	<0.001	0.005	<0.001	<0.001	0.002	0.001	0.003	<0.001	<0.001	<0.001
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chromium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Cobalt	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.002	<0.001	<0.001	<0.001
Copper	mg/L	<0.001	0.004	<0.001	<0.001	<0.001	<0.001	0.007	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Lead	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	mg/L	0.341	0.025	0.003	0.003	0.01	0.018	0.09	0.009	0.032	0.129	0.019	0.377	0.338	0.31	0.062
Molybdenum	mg/L	<0.001	0.001	<0.001	<0.001	<0.001	0.001	0.001	<0.001	<0.001	<0.001	0.006	<0.001	<0.001	<0.001	<0.001
Nickel	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.002	0.003	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Selenium	mg/L	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Silver	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Uranium	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.069	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Vanadium	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Zinc	mg/L	0.009	<0.005	<0.005	<0.005	<0.005	<0.005	0.009	<0.005	<0.005	0.006	<0.005	<0.005	0.018	<0.005	<0.005
Boron	mg/L	0.1	0.09	0.12	0.08	0.08	0.09	1.32	0.08	0.09	0.23	<0.05	0.07	0.13	0.15	0.08
Iron	mg/L	0.27	0.14	0.31	<0.05	0.16	0.29	<0.05	0.16	0.05	1.64	<0.05	1.13	0.58	0.59	<0.05
Mercury	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Fluoride	mg/L	0.7	0.3	0.3	0.6	0.6	0.1	0.4	0.4	0.4	0.6	0.4	0.2	0.3	0.4	0.6
Ammonia as N	mg/L	0.16	<0.01	0.02	0.04	0.1	0.9	<0.01	0.15	0.17	0.06	0.27	0.19	0.15	0.14	<0.01
Nitrite as N	mg/L	<0.01	<0.01	<0.01	<0.01	<0.01	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Nitrate as N	mg/L	<0.01	0.1	<0.01	0.09	0.02	0.3	0.04	<0.01	<0.01	<0.01	<0.01	<0.01	0.02	<0.01	<0.01
Total Phosphorus as P	mg/L	<0.01	0.01	0.04	0.09	0.19	0.14	<0.02	0.16	0.03	0.06	<0.01	0.08	0.02	0.2	0.01
Sulfide as S2-	mg/L	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	0.39	<0.10	<0.10	<0.10	<0.10
C6 - C9 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
C6 - C10 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
>C10 - C40 Fraction (sum)	µg/L	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100
Sum of BTEX	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1

	Sample Type:	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG	REG
	Sample Date:	08/12/2025	08/12/2025	08/12/2025	09/12/2025	09/12/2025	09/12/2025	09/12/2025	09/12/2025	09/12/2025	09/12/2025	09/12/2025	09/12/2025	09/12/2025	09/12/2025	09/12/2025
	Client sample ID (1st):	Duplicate F	Duplicate G	GW Field Blank 1	Trip Blank 1	C008P1	C14002SP	C14028SP	C18004SP	C18005SP	C18006SP	C19029SP	C914001SPR	Duplicate H	GW Field Blank 2	Trip blank 2
	Hydro-stratigraphic unit:					Rewan Formation	Joe Joe Group	Alluvium	Weathered Tertiary	Weathered Tertiary	Weathered Tertiary	Colinlea Sandstone	Joe Joe Group			
Analyte grouping/Analyte	**Unit**															
pH Value	pH Unit	**8.1**	**7.95**	**5.85**	**----**	**7.13**	**7.11**	**6.97**	**6.9**	**6.88**	**7.02**	**7.83**	**6.92**	**7.87**	**5.63**	**----**
Electrical Conductivity @ 25°C	µS/cm	**363**	**689**	<1	**----**	**26700**	**13100**	**52000**	**50200**	**63100**	**69900**	**933**	**24600**	**928**	<1	**----**
Total Dissolved Solids @180°C	mg/L	**202**	**391**	<10	**----**	**15100**	**7220**	**32500**	**33200**	**45200**	**53000**	**536**	**15500**	**528**	<10	**----**
Total Alkalinity as CaCO3	mg/L	**150**	**125**	**3**	**----**	**332**	**147**	**343**	**205**	**170**	**235**	**335**	**276**	**338**	**3**	**----**
Sulfate as SO4 - Turbidimetric	mg/L	<1	**11**	<1	**----**	**210**	**357**	**1890**	**701**	**2350**	**2970**	<1	**1270**	<1	<1	**----**
Chloride	mg/L	**41**	**151**	<1	**----**	**7660**	**3700**	**17300**	**16900**	**21300**	**25500**	**114**	**6960**	**107**	<1	**----**
Calcium	mg/L	**1**	**4**	<1	**----**	**440**	**265**	**811**	**3100**	**2340**	**2240**	**7**	**758**	**6**	<1	**----**
Magnesium	mg/L	<1	**2**	<1	**----**	**401**	**110**	**1200**	**1290**	**1220**	**1550**	**5**	**412**	**4**	<1	**----**
Sodium	mg/L	**78**	**124**	<1	**----**	**4050**	**2050**	**9520**	**4840**	**8880**	**11700**	**219**	**3420**	**211**	<1	**----**
Potassium	mg/L	**12**	**15**	<1	**----**	**86**	**29**	**140**	**18**	**16**	**29**	**7**	**65**	**7**	<1	**----**
Aluminium	mg/L	<0.01	<0.01	<0.01	**----**	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	**----**
Arsenic	mg/L	<0.001	<0.001	<0.001	**----**	**0.005**	**0.001**	<0.005	**0.005**	**0.007**	<0.005	<0.001	**0.001**	<0.001	<0.001	**----**
Cadmium	mg/L	<0.0001	<0.0001	<0.0001	**----**	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	**----**
Chromium	mg/L	<0.001	<0.001	<0.001	**----**	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	**----**
Cobalt	mg/L	<0.001	<0.001	<0.001	**----**	**0.007**	<0.001	<0.005	<0.005	**0.01**	**0.009**	<0.001	<0.001	<0.001	<0.001	**----**
Copper	mg/L	<0.001	<0.001	<0.001	**----**	**0.019**	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	**0.003**	**0.001**	<0.001	**----**
Lead	mg/L	<0.001	<0.001	<0.001	**----**	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	**----**
Manganese	mg/L	**0.099**	**0.363**	<0.001	**----**	**1.93**	**1.02**	**2.27**	**0.418**	**2.55**	**1.54**	**0.016**	**0.863**	**0.016**	<0.001	**----**
Molybdenum	mg/L	<0.001	<0.001	<0.001	**----**	<0.001	**0.001**	<0.005	<0.005	**0.007**	<0.005	<0.001	<0.001	<0.001	<0.001	**----**
Nickel	mg/L	<0.001	<0.001	<0.001	**----**	**0.014**	**0.001**	<0.005	**0.015**	**0.076**	**0.015**	<0.001	<0.001	<0.001	<0.001	**----**
Selenium	mg/L	<0.004	<0.004	<0.004	**----**	<0.010	<0.010	<0.020	<0.020	<0.020	<0.020	<0.010	<0.010	<0.010	<0.010	**----**
Silver	mg/L	<0.001	<0.001	<0.001	**----**	<0.001	<0.001	<0.005	<0.005	<0.005	<0.005	<0.001	<0.001	<0.001	<0.001	**----**
Uranium	mg/L	<0.001	<0.001	<0.001	**----**	**0.01**	<0.001	**0.053**	**0.014**	**0.037**	**0.026**	<0.001	**0.003**	<0.001	<0.001	**----**
Vanadium	mg/L	<0.01	<0.01	<0.01	**----**	<0.01	<0.01	<0.05	<0.05	<0.05	<0.05	<0.01	<0.01	<0.01	<0.01	**----**
Zinc	mg/L	<0.005	**0.022**	<0.005	**----**	**0.057**	**0.006**	<0.025	<0.025	<0.025	<0.025	**0.006**	**0.087**	**0.006**	<0.005	**----**
Boron	mg/L	**0.06**	**0.13**	<0.05	**----**	**1.5**	**0.92**	**3.48**	**1.26**	**4.27**	**5.18**	**0.39**	**1.78**	**0.36**	<0.05	**----**
Iron	mg/L	<0.05	**0.66**	<0.05	**----**	**1.27**	**2.17**	**0.28**	**1.07**	**1.14**	**2.43**	**0.25**	**2.45**	**0.25**	<0.05	**----**
Mercury	mg/L	<0.0001	<0.0001	<0.0001	**----**	<0.0001	<0.0001	<0.0005	<0.0005	<0.0005	<0.0005	<0.0001	<0.0001	<0.0001	<0.0001	**----**
Fluoride	mg/L	**0.5**	**0.3**	<0.1	**----**	**0.5**	**0.2**	**0.3**	**0.1**	<0.1	**0.2**	**5.9**	**0.3**	**6.1**	<0.1	**----**
Ammonia as N	mg/L	**0.08**	**0.15**	<0.01	**----**	**0.38**	**0.27**	**0.05**	<0.01	<0.01	<0.01	**0.14**	**0.21**	**0.14**	<0.01	**----**
Nitrite as N	mg/L	<0.01	<0.01	<0.01	**----**	**0.02**	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	**----**
Nitrate as N	mg/L	<0.01	<0.01	<0.01	**----**	<0.01	<0.01	**0.01**	<0.01	**0.01**	<0.01	<0.01	<0.01	<0.01	<0.01	**----**
Total Phosphorus as P	mg/L	**0.16**	**0.06**	<0.01	**----**	<0.05	**0.08**	<0.05	<0.05	<0.05	<0.05	**0.04**	<0.05	**0.03**	<0.01	**----**
Sulfide as S2-	mg/L	<0.10	<0.10	<0.10	**----**	<0.10	<0.10	**0.41**	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	**----**
C6 - C9 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
C6 - C10 Fraction	µg/L	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20	<20
>C10 - C40 Fraction (sum)	µg/L	<100	<100	<100	**----**	<100	<100	<100	<100	<100	<100	<100	<100	<100	<100	**----**
Sum of BTEX	µg/L	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1