

Table I.
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Chemical Analyses of Hydrogeochemical Samples/Tuscarora

	7A=W10650 SWNE8T41NR52E UURI	7B SWNE8T41NR52E UURI	7C=W14982 NWSW8T41NR52E UURI	8A NESE5T41NR52E UURI	8B=W10828 NESE5T41NR52E UURI	8C SENE5T41NR52E UURI	8D NESE5T41NR52E UURI
T ^o C	89.0	82.0	56.0	43.0	95.0	59.0	85.0
Flow (gpm)							
pH	6.9	7.2	6.25	7.62	7.35	8.0	7.65
Cl	18.0	18.0	19.0	16.0	6.0	14.0	7.0
F	10.8	11.0	8.6	8.7	8.2	9.0	6.9
SO ₄	52.0	65.0	34.0	50.0	55.0	45.0	48.0
HCO ₃	352.0	365.0	484.0	382.0	345.0	291.0	355.0
CO ₃	---	---	---	---	---	---	---
SiO ₂	129.0	126.0	122.0	103.0	104.0	136.0	99.0
Na	151.0	152.0	169.0	145.0	148.0	140.0	139.0
K	15.0	15.0	11.0	19.0	20.0	20.0	18.0
Ca	10.0	11.0	19.0	17.0	1.0	3.0	8.0
Mg	0.5	0.5	3.0	2.0	0.5	0.5	0.5
Li	0.71	0.77	0.49	0.64	0.64	0.56	0.62
B	0.13	0.8	0.9	0.9	0.9	0.9	0.9
NH ₃	---	---	---	---	---	---	---
TDS	576.0	602.0	646.0	536.0	508.0	500.0	478.0
Ec(k)	---	---	---	---	---	---	---
T _d SiO ₂	152.0	150.0	149.0	139.0	139.0	155.0	137.0
T _c SiO ₂	127.0	125.0	123.0	112.0	113.0	131.0	11.0
TNa-K	216.0	216.0	183.0	241.0	244.0	250.0	240.0
TNa-K-Ca	184.0	183.0	159.0	194.0	225.0	216.0	200.0

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	3D SE30T42NR52E UURI	5A SW20T42NR52E UURI	5B NW30T42NR52E UURI	5C NWSW30T42NR52E UURI	6A=W10888 NESW30T42NR52E UURI
T ^o C	9.6	14.5	17.5	18.5	21.0
Flow (gpm)					
pH	6.7-7.35	7.5	7.15-7.20	7.2	7.5
Cl	5.0	7.0	6.0	9.0	13.0
F	0.2	0.2	0.2	0.2	1.6
SO ₄	5.0	7.0	17.0	---	17.0
HCO ₃	75.0	65.0	74.0	77.0	232.0
CO ₃	---	---	---	---	---
SiO ₂	41.0	61.0	25.0	60.0	52.0
Na	12.0	14.0	11.0	19.0	80.0
K	4.0	6.0	2.50	7.0	5.0
Ca	8.0	6.0	14.0	11.0	11.0
Mg	2.0	2.0	1.0	2.0	3.0
Li	0.05	0.05	0.05	0.05	0.05
B	0.13	0.13	0.13	0.13	0.13
NH ₃	---	---	---	---	---
TDS	96.0	122.0	116.0	142.0	292.0
Ec(k)	---	---	---	---	---
T _q SiO ₂	93.0	111.0	72.0	111.0	104.0
T _c SiO ₂	62.0	82.0	40.0	81.0	74.0
TNa-K	348.0	384.0	299.0	299.0	180.0
TNa-K-Ca	66.0	87.0	41.0	82.0	87.0

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	1A SE30T42NR52E UURI	2A SW20T42NR52E UURI	3A NW30T42NR52E UURI	3B NWSW30T42NR52E UURI	3C NESW30T42NR52E UURI
T°C	10.5	11.5	15.0	16.5	10.0
Flow (gpm)					
pH	6.1	6.2	6.35	6.15	6.45
Cl	6.0	4.0	5.0	4.0	5.0
F	0.2	0.2	0.1	0.2	0.2
SO ₄	5.0	4.0	6.0	4.0	7.0
HCO ₃	32.8	47.2	47.0	54.2	54.0
CO ₃	----	---	---	---	---
SiO ₂	43.0	48.0	40.0	43.0	50.0
Na	7.0	6.0	10.0	7.0	10.0
K	3.0	4.0	2.5	4.0	4.0
Ca	5.0	4.0	6.0	4.0	5.0
Mg	2.0	1.0	2.0	2.0	2.0
Li	0.05	0.05	0.05	0.05	0.05
B	0.13	0.13	0.13	0.13	0.13
NH ₃	---	---	---	---	---
TDS	72.0	76.0	88.0	96.0	124.0
Ec(k)	---	---	---	---	---
T _q SiO ₂	95.0	100.0	92.0	95.0	102.0
T _c SiO ₂	64.0	70.0	61.0	64.0	72.0
TNa-K	384.0	460.0	311.0	432.0	374.0
TNa-K-Ca	61.0	73.0	56.0	75.0	74.0

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Chemical Analyses of Hydrogeochemical Samples/Tuscarora

	<u>W10889</u> <u>NE18T41NR52E</u>	<u>W10890</u> <u>NW8T41NR52E</u>	<u>A88758</u> <u>SE32T42NR52E</u>	<u>W14982</u> <u>NWSW8T41NR52E</u>	<u>W13459</u> <u>NWSE5T41NR52E</u>
T°C	19.0	26.0	---	57.0	107.0
Flow (gpm)	1.0	1.0	3.0	3.5	840.0
pH	9.0	9.41	8.5	7.2	9.2
Cl	9.8	14.0	7.2	18.0	30.0
F	2.3	0.5	0.2	1.3	5.5
SO ₄	22.0	36.0	10.0	33.0	150.0
HCO ₃	180.0	27.2	20.0	---	264.0
CO ₃	36.0	36.0	12.0	---	72.0
SiO ₂	79.0	46.0	96.0	170.0	140.0
Na	110.0	31.0	20.0	170.0	240.0
K	1.3	6.5	3.4	12.0	22.0
Ca	3.0	14.0	18.0	20.0	25.0
Mg	---	1.9	3.0	2.8	2.2
Li	0.1	0.0	0.1	0.7	0.6
B	0.2	0.0	0.2	0.8	1.3
NH ₃	0.3	0.5	---	---	---
TDS	444.0	213.6	179.8	898.6	986.6
Ec(k)			185.0	864.0	
T _q SiO ₂	122.0	98.0	131.0	167.0	149.0
T _c SiO ₂	96.0	68.0	108.0	146.0	133.0
TNa-K	22.0	290.0	267.0	189.0	210.0
TNa-K-Ca	74.0	79.0	172.0	162.0	136.0

Table I - Chemical Analyses of Hydrogeochemical Samples,
Tuscarora Area, Nevada

	<u>W10649</u> <u>NESE5T41NR52E</u>	<u>W10650</u> <u>SWNE8T41NR52E</u>	<u>W10828</u> <u>5T41NR52E</u>	<u>W10829</u> <u>NWSW8T41NR52E</u>	<u>W10888</u> <u>SW19T41NR52E</u>
T°C	95.0	89.0	95.0	20.0	28.0
Flow (gpm)	100.0	3.0	30.0	2.0	30.0
pH	9.23	7.59	8.85	9.02	8.15
Cl	15.0	15.0	16.0	10.0	11.0
F	7.6	9.8	7.0	2.3	1.6
SO ₄	60.0	70.0	48.0	22.0	17.0
HCO ₃	201.8	319.6	283.0	172.0	195.8
CO ₃	92.8	0.0	40.0	40.0	0.
SiO ₂	170.0	170.0	140.0	79.0	62.0
Na	150.0	190.0	160.0	120.0	81.0
K	21.0	17.0	22.0	1.2	5.1
Ca	1.0	12.0	6.0	3.0	11.0
Mg	0.2	0.3	0.6	0.2	3.4
Li	0.8	1.0	0.9	0.1	0.1
B	0.9	0.9	0.7	0.0	0.0
NH ₃	0.9	1.1	1.0	0.2	0.3
TDS	704.1	806.7	725.2	452.0	388.3
Ec(k)	722.0				
T _q SiO ₂	167.0	169.0	149.0	122.0	111.0
T _c SiO ₂	146.0	146.0	133.0	96.0	83.0
TNa-K	227.0	171.0	224.0	14.0	135.0
TNa-K-Ca	228.0	181.0	209.0	73.0	87.0