

**Table E - 15**  
**Drinking Water Quality Parameters for the Unweathered Lavery Till Unit**

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 <sup>-9</sup> µCi/mL
<b>WNW0405 (UP)</b>										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.5	<0.3	<0.10	3.6	3.5	<1.20E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	2.9	4.0	1.20±9.00E-10
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.90	4.7	<1.00E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	2.0	6.9	6.43±4.20E-10
Mean:	<0.038	<0.75	<0.45	<1.0	<6.2	<1.1	<0.10	2.4	7.8	<8.80E-10
<b>WNW0704 (UP)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	3.5	20	<6.00E-10
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	<0.05	35	1.40±1.10E-09
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	<0.01	2.8	<1.40E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.016	6.4	<3.31E-10
Mean:	<0.038	<0.75	<0.45	<1.0	<5.8	<1.1	<0.10	0.89	16	<8.58E-10
<b>WNW0707 (UP)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<8.0	<0.8	<0.10	0.69	>100	2.10±1.00E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.70	45	4.00±1.60E-09
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.12	48	<1.60E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.23	45	1.21±6.00E-10
Mean:	<0.038	<0.75	<0.45	<1.0	<7.3	<1.2	<0.10	0.44	NA	1.40±1.20E-09
<b>WNW0109 (DOWN - B)</b>										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.14	0.57	>100	<1.5E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.16	0.085	149	3.00±1.40E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.14	0.081	39	1.90±1.40E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.20	0.23	>100	7.84±3.95E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<5.8	<1.1	0.16	0.11	NA	1.70±1.17E-09
<b>WNW0110 (DOWN - B)</b>										
Nov-91	<0.025	<0.05	<0.40	<1.0	<6.5	<0.7	0.18	0.13	5.4	2.80±1.70E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.14	0.13	5.1	2.00±1.20E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<1.0	0.14	0.060	2.0	1.30±9.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.19	0.12	3.2	5.32±3.71E-10
Mean:	<0.035	<0.07	<0.44	<1.0	<5.7	<1.0	0.16	0.11	3.9	1.69±1.07E-09
<b>WNW0115 (DOWN - B)</b>										
Nov-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	<0.050	>100	2.90±1.50E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.12	<0.050	38	8.50±2.30E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.12	0.015	174	<8.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.15	0.064	98	<7.11E-10
Mean:	<0.038	<0.75	<0.45	<1.0	<5.8	<1.1	0.13	0.045	NA	2.87±1.33E-09

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 15 (continued)**

**Drinking Water Quality Parameters for the Unweathered Lavery Till Unit**

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>WNW0405 (UP)</b>																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.041	0.044	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	0.0070	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.00008	<0.00008	0.043	0.042	0.022	0.0090	0.002	0.00075	<0.0012	<0.0012
Dec-92	0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.043	0.040	0.113	0.012	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0018	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0016	<0.0016	0.0441	0.0440	0.037	0.0078	0.0020	0.0017	<0.0018	<0.0018
<b>WNW0704 (UP)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	0.002	<0.0020	<0.0020	<0.0020
Mar-92	0.0023	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Aug-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.103	0.086	0.0042	0.0050	0.001	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.036	0.034	<0.0050	<0.0050	0.011	0.0100	<0.0020	<0.0020
Mean:	0.0019	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.0598	0.0550	0.0048	0.0050	0.0040	0.0037	<0.0018	<0.0018
<b>WNW0707 (UP)</b>																
Dec-91	0.0052	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.240	0.066	0.043	<0.0050	0.020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.090	0.060	0.0064	<0.0050	0.004	<0.0020	<0.0020	<0.0020
Aug-92	0.0012	<0.0012	0.0030	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.098	0.088	0.0042	<0.0025	0.012	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.070	0.061	<0.0050	<0.0050	0.030	0.0130	<0.0020	<0.0020
Mean:	0.0026	<0.0018	0.0035	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.124	0.0688	0.015	<0.0044	0.016	0.0044	<0.0018	<0.0018
<b>WNW0109 (DOWN - B)</b>																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.081	0.090	<0.0050	<0.0050	0.002	<0.0020	<0.0020	<0.0050
Feb-92	0.0039	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.170	0.080	0.018	<0.0050	0.007	<0.0020	<0.0020	<0.0020
Jul-92	0.0058	<0.0012	<0.0012	0.0025	<0.00020	<0.00020	<0.0025	<0.0025	0.178	0.076	0.016	0.0040	0.014	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.076	0.070	0.0050	<0.0050	0.020	0.0200	<0.0020	<0.0020
Mean:	0.0034	<0.0018	<0.0030	0.0034	<0.00020	<0.00020	<0.0022	<0.0022	0.126	0.0790	0.011	0.0048	0.011	0.0062	<0.0018	<0.0026
<b>WNW0110 (DOWN - B)</b>																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.170	0.170	0.018	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.140	0.145	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.139	0.140	<0.0025	<0.0025	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.120	0.116	0.0050	0.0070	0.009	<0.0020	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.142	0.143	0.0076	0.0049	0.0037	<0.0017	<0.0018	<0.0018
<b>WNW0115 (DOWN - B)</b>																
Nov-91	0.024	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.630	0.140	0.074	<0.0050	0.038	0.0029	<0.0020	<0.0020
Feb-92	0.0061	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.280	0.100	0.025	<0.0050	0.010	<0.0020	<0.0020	<0.0020
Jul-92	0.0038	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	0.0003	0.0003	0.122	0.067	0.014	0.0025	0.011	0.0170	<0.0012	<0.0012
Dec-92	0.0040	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.144	0.124	0.0060	<0.0050	0.014	<0.0020	<0.0020	<0.0020
Mean:	0.0095	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	0.0017	0.00170	0.294	0.108	0.030	0.0044	0.018	0.0060	<0.0018	<0.0018

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 15 (continued)**

**Drinking Water Quality Parameters for the Unweathered Lavery Till Unit**

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
<b>Quality Standards</b>	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 <sup>-9</sup> µCi/mL
<b>WNW0702 (DOWN - B)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<6.0	<0.6	0.13	0.11	28	2.10 ±1.10E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.066	36	2.20 ±1.40E-09
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.14	0.39	130	1.80 ±1.30E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.15	0.43	25	<5.41E-10
Mean:	<0.038	<0.75	<0.45	<1.0	<6.8	<1.2	0.13	0.25	55	<1.09E-09
<b>WNW0703 (DOWN - B)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.14	<0.050	6.7	<1.40E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.12	<0.050	316	<1.03E-09
Aug-92	<0.050	<0.10	<0.50	<1.0	<11	<2.2	<0.10	0.010	7.3	<1.60E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.12	0.14	2.8	1.84 ±7.80E-10
Mean:	<0.038	<0.75	<0.45	<1.0	<6.0	<1.1	0.12	0.063	83	<1.20E-09
<b>WNW0705 (DOWN - B)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<8.0	<0.8	<0.10	0.13	>100	9.30 ±7.40E-10
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.07	246	<1.20E-09
Aug-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	<0.01	47	<6.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	0.15	50	<8.51E-10
Mean:	<0.038	<0.75	<0.45	<1.0	<7.3	<1.2	<0.10	0.090	NA	<8.48E-10
<b>WNW0904 (DOWN - B)</b>										
Dec-91	<0.250	<0.05	<0.40	<1.0	<10	<1.0	<0.10	0.29	>100	1.30 ±4.00E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.14	0.15	186	3.40 ±1.90E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.16	0.08	91	1.10 ±7.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.17	0.029	68	<6.33E-10
Mean:	<0.038	<0.75	<0.45	<1.0	<7.8	<1.3	0.15	0.14	NA	4.33 ±1.81E-09
<b>WNW1101B (DOWN - B)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.16	<0.10	0.8	1.00 ±8.00E-10
Sep-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	0.15	0.62	1.0	2.10 ±1.20E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.16	0.74	1.1	4.00 ±2.70E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.73	2.0	1.50 ±1.30E-09
Mean:	<0.025	<0.05	<0.40	<1.0	<1.8	<0.2	0.14	0.55	1.2	2.15 ±1.50E-09
<b>WNW1106B (DOWN - B)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.18	<0.10	68	<1.74E-09
Sep-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.18	<0.050	>100	1.90 ±1.10E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.19	<0.050	35	2.40 ±1.50E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.16	<0.050	>100	2.50 ±2.10E-09
Mean:	<0.025	<0.05	<0.40	<1.0	<1.8	<0.2	0.18	<0.062	NA	2.10 ±1.61E-09

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 15 (continued)**

**Drinking Water Quality Parameters for the Unweathered Lavery Till Unit**

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>WNW0702 (DOWN - B)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	0.0026	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Aug-92	0.0025	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.00008	<0.00008	0.078	0.047	0.0090	0.013	0.004	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.046	0.037	<0.0050	<0.0050	0.026	0.0140	<0.0020	<0.0020
Mean:	0.0021	0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0016	<0.0016	0.0560	0.0460	0.0060	0.0070	0.0085	0.0047	<0.0018	<0.0018
<b>WNW0703 (DOWN - B)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.069	<0.050	0.0073	<0.0050	0.008	<0.0020	<0.0020	<0.0020
Mar-92	0.018	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.370	0.058	0.050	<0.0050	0.057	<0.0020	<0.0020	<0.0020
Aug-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.051	0.047	<0.0025	0.012	0.002	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.056	0.053	<0.0050	<0.0050	0.011	0.0180	<0.0020	<0.0020
Mean:	0.0057	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.136	0.0520	0.016	0.0066	0.019	0.0057	<0.0018	<0.0018
<b>WNW0705 (DOWN - B)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.071	0.073	0.0061	<0.0050	0.005	<0.0020	<0.0020	<0.0020
Mar-92	<0.0040	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.130	0.095	0.0086	<0.0050	0.005	<0.0020	<0.0020	<0.0020
Aug-92	<0.0012	<0.0012	<0.0012	0.0020	<0.00020	<0.00020	<0.0025	<0.0025	0.138	0.135	<0.0025	<0.0025	0.002	<0.00075	<0.0012	<0.0012
Dec-92	0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.107	0.111	0.0050	<0.0050	0.031	0.0160	<0.0020	<0.0020
Mean:	0.0023	<0.0018	<0.0030	0.0032	<0.00020	<0.00020	<0.0022	<0.0022	0.112	0.104	0.0056	<0.0044	0.011	0.0052	<0.0018	<0.0018
<b>WNW0904 (DOWN - B)</b>																
Dec-91	0.0030	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.140	0.077	0.015	<0.0050	0.006	<0.0020	<0.0020	<0.0020
Mar-92	0.0030	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.110	0.058	0.0079	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Jul-92	0.0015	<0.0012	0.0004	<0.00005	<0.00020	<0.00020	<0.00008	<0.00008	0.070	0.041	0.010	0.0028	0.006	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	0.0030	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.062	0.048	<0.0050	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mean:	0.0024	0.0020	0.0028	<0.0028	<0.00020	<0.00020	<0.0016	<0.0016	0.0954	0.0560	0.0095	0.0044	0.0043	<0.0017	<0.0018	<0.0018
<b>WNW1101B (DOWN - B)</b>																
Jun-91	<0.0050	<0.0050	<0.0025	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.067	0.087	<0.0050	0.0078	<0.0020	<0.0050	<0.0050	<0.0050
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.062	0.061	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.076	0.054	0.014	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	0.0073	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0028	<0.0028	<0.0036	<0.0036	<0.00020	<0.00020	<0.0035	<0.0035	0.0638	0.0630	0.0078	0.0057	<0.0020	<0.0028	<0.0028	<0.0028
<b>WNW1106B (DOWN - B)</b>																
Jun-91	<0.0020	<0.0020	<0.0040	0.0059	<0.00020	<0.00020	<0.0030	<0.0030	0.075	0.070	0.0056	<0.0050	0.006	<0.0020	<0.0020	<0.0020
Sep-91	0.0021	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.084	0.065	0.0083	<0.0050	0.007	<0.0020	<0.0020	<0.0020
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.064	0.049	0.0078	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.064	0.052	0.0075	<0.0050	0.007	<0.0020	<0.0020	<0.0020
Mean:	0.0020	<0.0020	<0.0040	0.0045	<0.00020	<0.00020	<0.0030	<0.0030	0.0718	0.0590	0.0073	<0.0050	0.0055	<0.0020	<0.0020	<0.0020

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 15 (continued)**

**Drinking Water Quality Parameters for the Unweathered Lavery Till Unit**

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
<b>Quality Standards</b>	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 <sup>-9</sup> µCi/mL
<b>WNW1109B (DOWN - B)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.17	0.14*	>100	3.60 ± 2.20E-09
Sep-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	0.16	<0.050	26	1.70 ± 1.00E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	0.17	<0.050	72	<1.10E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.5	<0.2	0.15	<0.050	>100	3.50 ± 1.85E-09
Mean:	<0.025	<0.05	<0.40	<1.0	<2.6	<0.2	0.16	0.073	NA	2.41 ± 1.54E-09
<b>WNW0107 (DOWN - C)</b>										
Nov-91	<0.025	<0.05	< 0.4	<1.0	<4.0	<0.4	<0.10	0.090	23	2.9 ± 1.8E-09
Feb-92	<0.025	<0.05	< 0.4	<1.0	<1.0	<0.1	<0.10	0.088	0.6	1.7 ± 1.2E-09
Jul-92	<0.050	<0.10	< 0.5	<1.0	< 10	<2.0	<0.10	0.021	0.4	2.9 ± 1.1E-09
Dec-92	<0.050	<0.10	< 0.5	<1.0	< 10	<2.0	0.12	0.082	1.4	4.62 ± 4.62E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.3	<1.1	0.11	0.070	1.0	1.99 ± 1.12E-09
<b>WNW0108 (DOWN - C)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	0.16	0.35	31	2.30 ± 1.90E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.12	0.97	8.2	2.00 ± 1.30E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	< 10	<2.0	0.11	0.32	12	<9.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	< 10	<2.0	0.15	0.44	11	3.73 ± 3.57E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	0.14	0.52	16	1.14 ± 1.11E-09
<b>WNW0114 (DOWN - C)</b>										
Nov-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	<0.10	0.16	12	3.70 ± 2.10E-09
Feb-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.24	13	<1.10E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	< 10	<2.0	<0.10	0.18	9.0	<8.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	< 10	<2.0	<0.10	0.20	68	1.38 ± 6.00E-10
Mean:	<0.038	<0.08	<0.45	<1.0	<6.3	<1.1	<0.10	0.20	23	1.37 ± 1.15E-09
<b>WNW0409 (DOWN - C)</b>										
Nov-91	<0.025	<0.05	<0.40	<1.0	<5.0	<0.5	0.26	0.22	58	3.30 ± 1.90E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.23	75	5.10 ± 2.20E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	< 10	<2.0	0.20	0.059	38	1.20 ± 9.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	< 10	<2.0	0.23	0.16	26	9.02 ± 7.28E-10
Mean:	<0.038	<0.75	<0.45	<1.0	<6.8	<1.2	0.20	0.17	49	2.17 ± 1.43E-09
<b>WNW0910 (DOWN - C)</b>										
Dec-92	<0.050	<0.10	<0.50	<1.0	< 10	<2.0	0.18	0.28	18	<1.22E-09
Mean:	<0.050	<0.10	<0.50	<1.0	< 10	<2.00	0.18	0.28	18	<1.22E-09

\* Nitrate-N only.

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

Well WNW0910 was incorporated into the groundwater program in late 1992.

**Table E - 15 (continued)**

**Drinking Water Quality Parameters for the Unweathered Lavery Till Unit**

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>WNW1109B (DOWN - B)</b>																
Jun-91	<0.0050	<0.0050	<0.0025	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.280	0.300	<0.0050	<0.0050	0.003	0.0043	<0.0050	<0.0050
Sep-91	<0.0020	0.0025	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.320	0.300	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Dec-91	0.0036	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.280	0.270	0.0058	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mar-92	0.0024	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.305	0.300	<0.0050	<0.0050	0.002	<0.0020	<0.0020	<0.0020
Mean:	0.0032	0.0029	<0.0036	<0.0036	<0.00020	<0.00020	<0.0035	<0.0035	0.296	0.292	0.0052	<0.0050	0.0024	0.0026	<0.0028	<0.0028
<b>WNW0107 (DOWN - C)</b>																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00022	<0.00020	<0.0025	<0.0025	0.038	0.039	0.0055	0.0050	0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.039	0.038	0.0060	<0.0050	0.003	0.0040	0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.0442	0.0442	0.0054	0.0050	0.0019	0.0022	0.0018	<0.0018
<b>WNW0108 (DOWN - C)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.063	0.054	<0.0050	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	0.0080	0.0096	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.00008	0.0005	<0.0050	<0.0050	0.0065	0.0035	0.004	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.041	0.034	<0.0050	<0.0050	0.005	0.0050	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0016	0.00174	0.0398	0.0358	0.0061	0.0058	0.0036	0.0024	<0.0018	<0.0018
<b>WNW0114 (DOWN - C)</b>																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.120	0.120	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Feb-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.120	0.098	0.0099	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00031	<0.00020	<0.0025	<0.0025	0.092	0.091	0.0095	0.0030	0.001	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.119	0.124	0.0050	<0.0050	0.005	0.0050	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.00023	<0.00020	<0.0022	<0.0022	0.113	0.108	0.0074	0.0045	0.0025	0.0024	<0.0018	<0.0018
<b>WNW0409 (DOWN - C)</b>																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.170	0.150	0.0084	<0.0050	0.005	0.0026	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.160	0.140	0.0064	<0.0050	0.007	<0.0020	<0.0020	<0.0020
Jul-92	0.0022	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.171	0.150	0.012	0.010	0.006	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.145	0.146	0.054	0.016	0.003	0.0160	<0.0020	<0.0020
Mean:	0.0020	<0.0018	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.162	0.146	0.020	0.0090	0.0052	0.0053	<0.0018	<0.0018
<b>WNW0910 (DOWN - C)</b>																
Dec-92	0.0060	0.0040	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.039	0.030	0.0060	<0.0050	0.005	<0.0020	<0.0020	<0.0020
Mean:	0.0060	0.0040	<0.0030	<0.0030	<0.00020	<0.00020	<0.00050	<0.00050	0.0390	0.0300	0.0060	<0.0050	0.0050	<0.0020	<0.0020	<0.0020

Well WNW0910 was incorporated into the groundwater program in late 1992. Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

*Table E - 15 (continued)*

**Drinking Water Quality Parameters for the Unweathered Lavery Till Unit**

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
<b>Quality Standards</b>	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 <sup>-9</sup> µCi/mL
<b>WNW1102B (DOWN - C)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.23	< 0.10	11	9.30±7.40E-10
Sep-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	0.21	0.090	14	1.00±9.00E-10
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.22	0.090	33	1.20±1.10E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.12	48	3.20±2.20E-09
Mean:	<0.025	<0.05	<0.40	<1.0	<1.5	<0.2	0.19	0.10	27	1.58±1.24E-09
<b>WNW1103B (DOWN - C)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	< 10	<1.0	0.17	0.15	5.0	1.50±9.00E-10
Sep-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	0.18	0.29	5.2	3.80±1.60E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.18	0.41	6.9	1.30±1.20E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.17	2.2	1.30±1.20E-09
Mean:	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	0.16	0.26	4.8	1.98±1.22E-09
<b>WNW1104B (DOWN - C)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.18	0.12	0.8	<1.62E-09
Sep-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.20	0.72	2.0	1.20±1.00E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.18	0.80	0.3	<1.11E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.15	0.66	0.3	1.70±1.20E-09
Mean:	<0.025	<0.05	<0.40	<1.0	<1.5	<0.2	0.18	0.58	0.9	1.24±1.23E-09
<b>WNW1105A (DOWN - C)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.14	*0.99	0.5	1.50±1.48E-09
Sep-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	0.15	0.29	1.1	<2.60E-09
Dec-91	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	1.30	13	5.80±2.50E-09
Mean:	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.13	0.86	4.9	3.00±2.19E-09
<b>WNW1105B (DOWN - C)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.18	*1.20	1.3	2.10±1.70E-09
Sep-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.15	1.4	3.1	1.60±1.00E-09
Dec-91	xxxx	xxxx	Low Volume	xxxx	xxxx	xxxx	xxxx	0.90	xxxx	xxxx
Mar-92	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx
Mean:	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.17	1.20	2.2	1.70±1.53E-09
<b>WNW1111A (DOWN - C)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.15	2.60	2.5	1.10±8.00E-10
Sep-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.19	< 0.05	6.6	1.40±1.00E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.17	< 0.05	3.5	2.10±1.40E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	< 0.05	3.7	6.10±2.70E-09
Mean:	<0.020	<0.05	<0.00	<1.0	<1.5	<0.2	0.15	1.38	4.1	2.68±1.48E-09

\* Nitrate-N only.

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 15 (concluded)**

**Drinking Water Quality Parameters for the Unweathered Lavery Till Unit**

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>WNW1102B (DOWN - C)</b>																
Jun-91	<0.0050	<0.0050	<0.0025	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.120	0.100	<0.0050	<0.0050	0.011	0.0120	<0.0050	<0.0050
Sep-91	0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.110	0.100	0.0063	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Dec-91	0.0026	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.110	0.120	0.011	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.083	0.088	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0029	<0.0028	<0.0036	<0.0036	<0.00020	<0.00020	<0.0035	<0.0035	0.106	0.102	0.0068	<0.0050	0.0046	0.0045	<0.0028	<0.0028
<b>WNW1103B (DOWN - C)</b>																
Jun-91	<0.0020	<0.0020	0.0043	0.0065	<0.00020	<0.00020	<0.0030	0.0035	0.093	0.095	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.094	0.088	<0.0050	0.0069	<0.0020	<0.0020	<0.0020	<0.0020
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.078	0.076	<0.0050	<0.0050	<0.0020	0.0022	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.068	0.069	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0020	<0.0020	0.0041	0.0046	<0.00020	<0.00020	<0.0030	0.00312	0.0832	0.0820	<0.0050	0.0055	<0.0020	0.0020	<0.0020	<0.0020
<b>WNW1104B (DOWN - C)</b>																
Jun-91	<0.0020	<0.0020	0.0044	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.046	0.050	<0.0050	0.0054	0.004	<0.0020	<0.0020	<0.0020
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.055	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0020	<0.0020	0.0041	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.0502	0.0500	<0.0050	0.0051	0.0024	<0.0020	<0.0020	<0.0020
<b>WNW1105A (DOWN - C)</b>																
Jun-91	<0.0050	<0.0050	<0.0025	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.083	0.080	<0.0050	<0.0050	0.002	<0.0020	<0.0050	<0.0050
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.082	0.120	0.0064	<0.0050	<0.0020	<0.0020	<0.0020	0.0023
Dec-91	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.110	0.110	0.0076	<0.0050	<0.0020	<0.0020	0.0024	<0.0020
Mean:	<0.0030	<0.0030	<0.0035	<0.0035	<0.00020	<0.00020	<0.0037	<0.0037	0.0917	0.103	0.0063	<0.0050	0.0020	<0.0020	0.0031	0.0031
<b>WNW1105B (DOWN - C)</b>																
Jun-91	<0.0050	<0.0050	<0.0025	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.067	0.066	<0.0050	0.0069	<0.0020	<0.0020	<0.0050	<0.0050
Sep-91	<0.0020	<0.0020	<0.0040	<0.0050	<0.00020	<0.00020	<0.0030	<0.0030	0.064	0.064	<0.0050	N/A	0.003	<0.0020	<0.0020	<0.0020
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.062	0.056	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Mean:	<0.0030	<0.0030	<0.0035	<0.0038	<0.00020	<0.00020	<0.0037	<0.0037	0.0643	0.0620	<0.0050	0.0060	0.0024	<0.0020	<0.0030	<0.0030
<b>WNW1111A (DOWN - C)</b>																
Jun-91	<0.0020	<0.0020	0.0057	0.0066	<0.00020	<0.00020	0.0035	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	0.0034	<0.0020	<0.0020
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	0.0058	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0020	<0.0020	0.0044	0.0046	<0.00020	<0.00020	0.0031	<0.0030	<0.0500	<0.0500	0.0052	<0.0050	<0.0020	0.0024	<0.0020	<0.0020

Well WNW1105A was resampled in November 1992 for dissolved metals only. Results are reported with September data.  
N/A - Not available.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.



**Table E - 16**  
**Drinking Water Quality Parameters for the Lacustrine Unit**

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
<b>Quality Standards</b>	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 <sup>-9</sup> µCi/mL
<b>WNW0901 (UP)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.34	<0.050	15	1.40±0.80E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.38	<0.050	20	2.50±1.20E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.36	<0.010	6.0	8.00±7.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.40	<0.010	2.8	2.48±0.77E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.5	<1.1	0.37	<0.030	11	1.80±0.87E-09
<b>WNW0902 (UP)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<10	<1.0	0.31	<0.050	81	<5.80E-010
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.32	<0.050	5.5	2.20±1.30E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.36	<0.010	5.1	1.90±1.70E-09
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.30	<0.010	3.8	<6.59E-010
Mean:	<0.038	<0.08	<0.45	<1.0	<7.8	<1.3	0.32	<0.030	24	<1.06E-009
<b>WNW1001 (UP)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.38	<0.050	7.9	<7.30E-010
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.16	<0.050	56	3.50±1.40E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.40	<0.010	20	<2.00E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.33	<0.010	9.8	1.39±0.83E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.8	<1.1	0.32	<0.030	23	1.74±1.24E-09
<b>WNW1008B (UP)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.37	<0.050	60	9.00±8.40E-10
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.16	<0.050	55	<8.60E-010
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.37	<0.010	43	8.00±7.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.32	<0.010	37	1.37±0.69E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<6.0	<1.1	0.30	<0.030	49	9.53±7.73E-10
<b>WNW0903 (DOWN - B)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.19	<0.050	>100	1.10±0.70E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.20	<0.050	972	3.90±1.60E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.22	0.012	75	<7.00E-010
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.21	<0.010	1261	1.98±0.75E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.8	<1.1	0.20	0.031	NA	1.92±0.94E-09
<b>WNW1002 (DOWN - B)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.20	<0.050	3.5	1.40±0.80E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	17	2.00±1.20E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.21	0.080	17	<5.00E-010
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.23	0.033	22	1.30±0.69E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.5	<1.1	0.18	0.054	15	1.20±0.80E-09

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 16 (continued)**

**Drinking Water Quality Parameters for the Lacustrine Unit**

	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
<b>Quality Standards</b>	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>WNW0901 (UP)</b>																
Dec-91	0.0044	0.0038	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.590	0.540	<0.0050	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mar-92	0.011	0.0042	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.570	0.530	0.014	<0.0050	0.011	<0.0020	<0.0020	<0.0020
Jul-92	0.0052	0.0042	0.00008	<0.00005	<0.0002	<0.0002	<0.00008	<0.00008	0.630	0.642	0.0048	<0.0025	0.004	<0.00075	<0.0012	<0.0012
Dec-92	0.0050	0.0060	<0.0030	<0.0030	<0.0002	<0.0002	<0.0005	<0.0005	0.616	0.641	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0064	0.0046	0.0028	<0.0028	<0.0002	<0.0002	<0.0016	<0.0016	0.602	0.59	0.0072	<0.0044	0.0051	<0.0017	<0.0018	<0.0018
<b>WNW0902 (UP)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.620	0.590	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	0.0038	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.660	0.650	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.0002	<0.0002	<0.0025	<0.0025	0.662	0.658	<0.0025	<0.0025	<0.00075	0.0015	<0.0012	<0.0012
Dec-92	<0.0020	0.0020	<0.0030	<0.0030	<0.0002	<0.0002	<0.0005	<0.0005	0.722	0.728	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0018	0.0022	<0.0030	<0.0030	<0.0002	<0.0002	<0.0022	<0.0022	0.666	0.66	<0.0044	<0.0044	<0.0017	0.0019	<0.0018	<0.0018
<b>WNW1001 (UP)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.380	0.370	<0.0050	<0.0050	0.005	<0.0020	<0.0020	<0.0020
Mar-92	0.010	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.545	0.520	0.130	<0.0050	0.037	<0.0020	<0.0020	<0.0020
Jul-92	0.0020	<0.0012	0.0020	0.0018	<0.0002	<0.0002	<0.00008	<0.00008	0.429	0.459	0.0040	<0.0025	0.002	<0.00075	<0.0012	<0.0012
Dec-92	0.0020	<0.0020	<0.0030	<0.0030	<0.0002	<0.0002	<0.0005	<0.0005	0.481	0.473	0.010	<0.0050	0.006	<0.0020	<0.0020	<0.0020
Mean:	0.0041	<0.0018	0.0032	0.0032	<0.0002	<0.0002	<0.0016	<0.0016	0.459	0.46	0.037	<0.0044	0.013	<0.0017	<0.0018	<0.0018
<b>WNW1008B (UP)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.570	0.590	<0.0050	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.500	0.500	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	0.0015	<0.0012	<0.0002	<0.0002	<0.00008	<0.00008	0.513	0.466	0.0030	<0.0025	0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.0002	<0.0002	<0.0005	<0.0005	0.616	0.658	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	0.0031	<0.0030	<0.0002	<0.0002	<0.0016	<0.0016	0.550	0.55	0.0045	<0.0044	0.0020	<0.0017	<0.0018	<0.0018
<b>WNW0903 (DOWN - B)</b>																
Dec-91	0.0070	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.170	0.081	0.025	<0.0050	0.012	<0.0020	<0.0020	<0.0020
Mar-92	0.012	0.0041	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.140	0.062	0.024	<0.0050	0.015	<0.0020	<0.0020	<0.0020
Jul-92	0.0068	0.0022	0.0001	<0.00005	<0.0002	<0.0002	<0.00008	<0.00008	0.112	0.085	0.015	0.0025	0.01	<0.00075	<0.0012	<0.0012
Dec-92	0.030	<0.0020	<0.0030	<0.0030	<0.0002	<0.0002	<0.0005	<0.0005	0.264	0.074	0.065	<0.0050	0.033	<0.0020	<0.0020	<0.0020
Mean:	0.014	0.0026	0.0028	<0.0028	<0.0002	<0.0002	<0.0016	<0.0016	0.172	0.076	0.032	0.0044	0.017	<0.0017	<0.0018	<0.0018
<b>WNW1002 (DOWN - B)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.051	0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.0002	<0.0002	<0.0030	<0.0030	0.053	0.051	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.0002	<0.0002	<0.0025	<0.0025	0.061	0.056	0.0030	0.0030	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.0002	<0.0002	<0.0005	<0.0005	0.070	0.066	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0018	<0.0018	<0.0030	<0.0030	<0.0002	<0.0002	<0.0022	<0.0022	0.0586	0.056	0.0045	0.0045	<0.0017	<0.0017	<0.0018	<0.0018

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 16 (continued)**  
**Drinking Water Quality Parameters for the Lacustrine Unit**

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 <sup>-9</sup> µCi/mL
<b>WNW1003 (DOWN - B)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.38	<0.050	28	8.85±8.60E-10
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.16	<0.050	264	2.50±1.30E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.26	<0.010	27	<2.00E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.28	<0.010	152	2.50±0.95E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.5	<1.1	0.26	<0.030	118	1.92±1.28E-09
<b>WNW1004 (DOWN - B)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.28	<0.050	1.3	<8.10E-010
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.14	<0.050	4.6	1.90±1.10E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.27	<0.010	5.5	<1.80E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.28	<0.010	8.5	1.47±0.84E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.8	<1.1	0.24	<0.030	5.0	1.16±1.14E-09
<b>WNW1101C (DOWN - B)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.26	<0.10*	>100	<1.69E-009
Sep-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.23	<0.050	48	1.20±1.00E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.24	<0.050	72	2.80±1.50E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	11	3.20±2.20E-09
Mean:	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.21	<0.063	NA	2.15±1.60E-09
<b>WNW1103C (DOWN - C)</b>										
Mar-92	xxxx	xxxx	xxxx	Low	Volume	xxxx	xxxx	xxxx	7.9	xxxx
<b>WNW1104C (DOWN - C)</b>										
Mar-92	xxxx	xxxx	xxxx	Low	Volume	xxxx	xxxx	xxxx	0.60	xxxx
<b>WNW8610 (DOWN - C)</b>										
Nov-91	<0.025	<0.05	<0.40	<1.0	<5.0	<0.5	0.10	<0.05	88	2.40±1.50E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.12	<0.050	3.2	1.50±1.10E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.18	0.020	65	<2.00E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.14	<0.010	141	1.69±1.55E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<6.5	<1.2	0.14	0.032	74	1.90±1.54E-09
<b>WNW8611 (DOWN - C)</b>										
Nov-91	<0.025	<0.05	<0.40	<1.0	<5.0	<0.5	0.14	0.20	3.2	3.10±1.60E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.12	0.17	69	2.20±1.30E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.29	0.10	27	7.00±6.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.16	0.060	258	1.40±0.10E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<6.5	<1.2	0.18	0.13	89	1.85±0.90E-09

ND - A standard defined by "ND" means not detectable by the analytical method.

\* - Nitrate-N only.

NA - Not applicable.

WNW1103C - Dry for all other sampling episodes.

WNW1104C - Dry for all other sampling episodes.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 16 (concluded)**  
**Drinking Water Quality Parameters for the Lacustrine Unit**

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>WNW1003 (DOWN - B)</b>																
Dec-91	0.0030	0.0031	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.170	0.180	0.012	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Mar-92	0.0066	0.0047	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.250	0.190	0.017	<0.0050	0.004	<0.0020	<0.0020	<0.0020
Jul-92	0.0045	0.0045	<0.0012	N/A	<0.00020	<0.00020	<0.0025	N/A	0.209	N/A	0.0055	<0.0025	0.004	<0.00075	<0.0012	<0.0012
Sep-92	N/A	N/A	<0.0038	<0.0025	N/A	N/A	<0.0006	<0.0002	0.250	0.199	N/A	N/A	N/A	N/A	<0.0031	<0.0012
Dec-92	0.0030	0.0030	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.240	0.235	0.0050	<0.0050	0.002	<0.0020	<0.0020	<0.0020
Mean:	0.0043	0.0038	<0.0032	<0.0034	<0.00020	<0.00020	<0.0019	<0.0017	0.224	0.20	0.0099	<0.0044	0.0035	<0.0017	<0.0021	<0.0017
<b>WNW1004 (DOWN - B)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.160	0.160	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	0.0030	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.190	0.160	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	0.0022	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.147	0.144	<0.0025	<0.0025	<0.00075	0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.138	0.138	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0020	0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.159	0.15	<0.0044	<0.0044	<0.0017	0.0017	<0.0018	<0.0018
<b>WNW1101C (DOWN - B)</b>																
Jun-91	<0.0050	<0.0050	0.0032	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.140	0.130	0.018	<0.0050	0.004	0.0032	<0.0050	<0.0050
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.100	0.099	0.024	<0.0050	0.004	<0.0020	<0.0020	<0.0020
Dec-91	0.0050	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.100	0.084	0.067	<0.0050	0.005	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.090	0.080	0.016	<0.0050	0.002	<0.0020	<0.0020	<0.010
Mean:	0.0035	<0.0028	0.0038	<0.0036	<0.00020	<0.00020	<0.0035	<0.0035	0.108	0.098	0.031	<0.0050	0.0038	0.0023	<0.0028	<0.0048
<b>WNW1103C (DOWN - C)</b>																
Mar-92	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Low Volume	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
<b>WNW1104C (DOWN - C)</b>																
Mar-92	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Low Volume	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
<b>WNW8610 (DOWN - C)</b>																
Nov-91	0.0076	0.0035	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.100	0.053	0.020	<0.0050	0.019	<0.0020	<0.0020	<0.0020
Mar-92	0.0050	0.0042	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.057	<0.050	<0.0050	<0.0050	0.005	<0.0020	<0.0020	<0.0020
Jul-92	0.0065	0.0030	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.083	0.054	0.013	<0.0025	0.008	<0.00075	<0.0012	<0.0012
Dec-92	0.011	0.0050	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.087	0.056	0.012	<0.0050	0.009	<0.0020	<0.0020	<0.0020
Mean:	0.0075	0.0039	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.0817	0.053	0.012	<0.0044	0.010	<0.0017	<0.0018	<0.0018
<b>WNW8611 (DOWN - C)</b>																
Nov-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	0.021	<0.0050	0.006	<0.0020	<0.0020	<0.0020
Mar-92	0.0022	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	0.026	<0.0050	0.006	<0.0020	<0.0020	<0.0020
Jul-92	0.0030	<0.0012	0.0037	<0.0012	<0.00020	<0.00020	0.0010	<0.00008	0.050	0.036	0.015	0.0052	0.007	<0.00075	<0.0012	<0.0012
Dec-92	0.0040	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.044	0.029	0.032	<0.0050	0.014	<0.0020	<0.0020	<0.0020
Mean:	0.0028	<0.0018	0.0037	<0.0030	<0.00020	<0.00020	0.0019	<0.0016	0.0485	0.041	0.024	0.0050	0.0082	<0.0017	<0.0018	<0.0018

N/A - Not available.

WNW1003 was resampled in September 1992 to provide an additional sample for metals not completed in July.

WNW1103C - Dry for all other sampling episodes.

WNW1104C - Dry for all other sampling episodes.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 17**  
**Drinking Water Quality Parameters for the Weathered Lavery Till Unit**

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	$5 \times 10^{-9}$ µCi/mL
<b>WNW0908 (UP)</b>										
Nov-91	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx
Mar-92	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxx	xxxx
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.18	0.029	2.6	<6.00E-010
Dec-92	xxxx	xxxx	xxxx	Low	Volume	xxxx	xxxx	xxxx	1.7	xxxx
Mean:	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.18	0.029	2.2	<6.00E-010
<b>WNW1005 (UP)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<10	<1.0	0.16	<0.050	44	6.40±2.20E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	65	2.30±1.20E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.15	<0.010	24	<6.00E-010
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.14	0.012	60	3.20±0.93E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<7.8	<1.3	0.14	0.031	48	3.08±1.23E-09
<b>WNW1008C (UP)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.12	<0.050	5.2	9.20±7.30E-10
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	1.6	1.20±1.00E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.13	<0.010	9.0	<1.80E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	<0.10	<0.010	1.1	1.37±0.68E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.5	<1.1	0.11	<0.030	4.2	<1.05E-009
<b>WNW0906 (DOWN - B)</b>										
Nov-91	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.14	0.15	17	1.50±1.00E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.22	0.82	14	<6.00E-010
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.17	0.26	2.9	<1.23E-009
Mean:	<0.042	<0.08	<0.47	<1.0	<7.0	<1.4	0.18	0.41	11	<9.43E-010
<b>WNW0907 (DOWN - B)</b>										
Dec-91	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.15	<0.050	1.5	1.20±0.90E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.16	<0.010	3.3	<6.00E-010
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.18	<0.010	0.36	<7.20E-010
Mean:	<0.042	<0.08	<0.47	<1.0	<7.0	<1.4	0.16	<0.024	1.7	<7.40E-010
<b>WNW1006 (DOWN - B)</b>										
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.15	<0.050	0.50	1.10±0.90E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	2.4	1.20±1.10E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.14	<0.010	4.4	<1.80E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.14	0.020	1.2	1.34±0.99E-09
Mean:	<0.038	<0.08	<0.45	<1.0	<5.5	<1.1	0.13	0.033	2.1	<1.20E-009

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 17 (continued)**

**Drinking Water Quality Parameters for the Weathered Lavery Till Unit**

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>WNW0908 (UP)</b>																
Nov-91	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Mar-92	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.0002	<0.00020	<0.0025	<0.0025	0.024	0.022	0.018	0.012	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	0.0040	0.0030	0.0070	<0.0040	<0.0004	<0.00040	<0.0005	<0.0005	0.018	0.012	0.013	0.014	<0.0020	0.0480	0.0030	<0.0020
Mean:	0.0026	0.0021	0.0041	<0.0026	<0.0003	<0.00030	<0.0015	<0.0015	0.0209	0.0169	0.016	0.013	<0.0014	0.024	0.0021	<0.0016
<b>WNW1005 (UP)</b>																
Dec-91	0.0031	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.130	0.110	<0.0050	<0.0050	0.004	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.100	0.110	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	0.0001	<0.00005	<0.00020	<0.00020	<0.00008	<0.00008	0.104	0.101	<0.0025	<0.0025	0.002	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.124	0.119	<0.0050	<0.0050	<0.0020	0.0020	<0.0020	<0.0020
Mean:	0.0021	<0.0018	0.0028	<0.0028	<0.00020	<0.00020	<0.0016	<0.0016	0.114	0.110	<0.0044	<0.0044	0.0024	0.0017	<0.0018	<0.0018
<b>WNW1008C (UP)</b>																
Dec-91	0.0053	0.0052	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.210	0.220	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	0.0049	0.0045	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.190	0.230	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0072	0.0072	0.0023	0.0015	<0.00020	<0.00020	<0.00008	<0.00008	0.216	0.226	<0.0025	0.0028	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	0.0070	0.0070	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.197	0.206	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0061	0.0060	0.0033	0.0031	<0.00020	<0.00020	<0.0016	<0.0016	0.203	0.220	<0.0044	0.0044	<0.0017	<0.0017	<0.0018	<0.0018
<b>WNW0906 (DOWN - B)</b>																
Nov-91	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Mar-92	<0.0020	0.0043	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.073	<0.050	0.0090	<0.0050	0.002	<0.0020	0.0052	0.0053
Jul-92	<0.0012	<0.0012	0.0001	0.00005	<0.00020	<0.00020	<0.00008	<0.00008	0.063	0.059	0.0045	0.0028	0.002	<0.00075	0.0020	0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.064	0.064	<0.0050	<0.0050	0.002	0.0020	0.0060	0.0050
Mean:	<0.0017	0.0025	0.0024	0.0024	<0.00020	<0.00020	<0.0012	<0.0012	0.0668	0.0576	0.0062	0.0043	0.0020	0.0016	0.0044	0.0038
<b>WNW0907 (DOWN - B)</b>																
Dec-91	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	0.0064	<0.0020	<0.0020
Jul-92	<0.0012	<0.0012	0.00008	0.00005	<0.00020	<0.00020	<0.00008	<0.00008	0.048	0.050	<0.0025	<0.0025	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.042	0.041	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0017	<0.0017	0.0024	0.0024	<0.00020	<0.00020	<0.0012	<0.0012	0.0468	0.0471	<0.0042	<0.0042	<0.0016	0.0030	<0.0017	<0.0017
<b>WNW1006 (DOWN - B)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Jul-92	0.0032	0.0032	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.027	0.013	0.023	0.0095	<0.00075	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.015	0.014	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0023	0.0023	<0.0030	<0.0030	<0.00020	<0.00020	<0.0022	<0.0022	0.0355	0.0317	0.0094	0.0061	<0.0017	<0.0017	<0.0018	<0.0018

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

*Table E - 17 (continued)*

**Drinking Water Quality Parameters for the Weathered Lavery Till Unit**

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
Quality Standards	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	$5 \times 10^{-9}$ µCi/mL
<b>WNW1007 (DOWN - B)</b>										
Dec-91	xxxx	Low	Volume	xxxx	<3.0	<0.3	0.24	xxxx	> 100	<1.90E-009
Mar-92	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx
Jul-92	<0.056	<0.11	<0.56	<1.1	<10	<2.0	0.18	0.092	3.8	<2.00E-009
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.18	0.14	1.2	<4.09E-010
Mean:	<0.053	<0.11	<0.53	<1.1	<7.7	<1.4	0.20	0.12	NA	<1.44E-009
<b>WNW1101A (DOWN - B)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.14	<0.10*	1.3	<6.71E-010
Sep-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	0.15	<0.050	0.42	7.40±3.60E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.17	0.075	50	<1.70E-009
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	0.061	1.6	<1.09E-009
Mean:	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.14	0.072	13	2.46±1.77E-09
<b>WNW1106A (DOWN - B)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	0.17	0.13	29	<7.22E-010
Sep-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.17	<0.050	35	1.50±1.10E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.17	<0.050	27	2.30±1.50E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.16	0.054	1.8	<9.60E-010
Mean:	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.17	0.071	23	1.26±1.07E-09
<b>WNW1108A (DOWN - B)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.16	<0.10*	41	2.60±1.90E-09
Sep-91	xxxx	Low	Volume	xxxx	<1.0	<0.1	xxxx	xxxx	97	xxxx
Dec-91	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx
Mar-92	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx
Dec-92	xxxx	xxxx	xxxx	xxxx	Low Volume		xxxx	xxxx	xxxx	xxxx
Mean:	<0.025	<0.05	<0.40	<1.0	<1.5	<0.2	0.16	<0.010	69	2.60±1.90E-09
<b>WNW1109A (DOWN - B)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.13	0.35*	32	1.80±1.00E-09
Sep-91	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	0.14	0.17	1.8	2.40±1.20E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.13	0.088	8.0	2.20±1.50E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.11	0.072	18	<8.20E-010
Mean:	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.13	0.17	15	1.63±1.13E-09
<b>WNW0909 (DOWN - C)</b>										
Jun-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.22	<0.010	92	4.60±1.70E-09
Jul-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.12	<0.010	4.8	<6.00E-10
Dec-92	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.16	<0.010	15	2.98±9.50E-10
Mean:	<0.050	<0.10	<0.50	<1.0	<10	<2.0	0.17	<0.010	37	2.63±1.08E-09

\* - Nitrate-N only

ND - A standard defined by "ND" means not detectable by the analytical method..

NA - Not applicable.

Well WNW0909 was incorporated into the groundwater program in mid-1992.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 17 (continued)**  
**Drinking Water Quality Parameters for the Weathered Lavery Till Unit**

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>WNW1007 (DOWN - B)</b>																
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.0020	<0.0020	<0.0030	<0.0030	<0.050	<0.050	0.0078	<0.0050	0.006	<0.0020	<0.0020	<0.0020
Mar-92	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Jul-92	<0.0012	<0.0012	<0.0012	<0.0012	<0.00020	<0.00020	<0.0025	<0.0025	0.050	0.046	0.014	0.0090	0.003	<0.00075	<0.0012	<0.0012
Dec-92	<0.0020	<0.0020	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.037	0.034	0.0080	<0.0050	0.005	<0.0020	<0.0020	<0.0020
Mean:	<0.0017	<0.0017	<0.0027	<0.0027	<0.00020	<0.00020	<0.0020	<0.0020	0.0458	0.0433	0.010	0.0063	0.0045	<0.0016	<0.0017	<0.0017
<b>WNW1101A (DOWN - B)</b>																
Jun-91	<0.0050	<0.0050	<0.0025	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.050	0.052	<0.0050	<0.0050	0.003	0.0120	<0.0050	<0.0050
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.064	<0.050	0.0060	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.051	<0.050	0.0052	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.064	0.060	0.0089	0.010	<0.0020	<0.0020	<0.0020	0.0023
Mean:	<0.0028	<0.0028	<0.0036	<0.0036	<0.00020	<0.00020	<0.0035	<0.0035	0.0572	0.0530	0.0063	0.0062	0.0023	0.0045	<0.0028	0.0028
<b>WNW1106A (DOWN - B)</b>																
Jun-91	<0.0020	<0.0020	<0.0040	0.0067	<0.00020	<0.00020	<0.0030	<0.0030	0.053	0.056	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.059	0.065	<0.0050	0.0056	<0.0020	<0.0020	<0.0020	<0.0020
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.058	0.061	<0.0050	<0.0050	<0.0020	<0.0020	<0.010	<0.010
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.054	0.053	<0.0050	<0.0050	<0.0020	0.0035	<0.0020	<0.0020
Mean:	<0.0020	<0.0020	<0.0040	0.0047	<0.00020	<0.00020	<0.0030	<0.0030	0.0560	0.0588	<0.0050	0.0052	<0.0020	0.0024	<0.0040	<0.0040
<b>WNW1108A (DOWN - B)</b>																
Jun-91	<0.0050	<0.0050	<0.0025	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.029	0.015	<0.0050	<0.0050	0.005	0.0046	<0.0050	<0.0050
Sep-91	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Low Volume	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Dec-91	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Mar-92	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Dec-92	<0.0020	N/A	0.0080	N/A	<0.00040	N/A	<0.0005	N/A	0.020	N/A	0.0070	N/A	<0.0020	N/A	0.0020	N/A
Mean:	<0.0035	<0.0050	0.0052	<0.0025	<0.00030	<0.00020	<0.0028	<0.0050	0.0245	0.0150	0.0060	<0.0050	0.0036	0.0046	0.0035	<0.0050
<b>WNW1109A (DOWN - B)</b>																
Jun-91	<0.0050	<0.0050	<0.0025	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.054	0.052	<0.0050	<0.0050	0.004	0.0068	<0.0050	<0.0050
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.052	0.063	<0.0050	<0.0050	0.003	<0.0020	<0.0020	<0.0020
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.042	0.041	0.0059	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	0.0020	<0.0020
Mean:	<0.0028	<0.0028	<0.0036	<0.0036	<0.00020	<0.00020	<0.0035	<0.0035	0.0495	0.0515	0.0052	<0.0050	0.0026	0.0032	0.0028	<0.0028
<b>WNW0909 (DOWN - C)</b>																
Jun-92	0.020	0.018	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.087	0.073	0.0070	<0.0050	0.003	<0.0020	0.0060	<0.0020
Jul-92	0.0050	0.0040	0.0026	0.0027	<0.00020	<0.00020	<0.0008	<0.0008	0.137	0.132	0.0075	0.0065	0.004	0.0010	<0.0012	<0.0012
Dec-92	0.0040	0.0040	<0.0030	<0.0030	<0.00020	<0.00020	<0.0005	<0.0005	0.101	0.102	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0097	0.0087	0.0032	0.0032	<0.00020	<0.00020	<0.0012	<0.0012	0.108	0.102	0.0065	0.0055	0.0028	0.0017	0.0031	<0.0017

N/A - Not available.

Well WNW0909 was incorporated into the groundwater program in mid-1992.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.



*Table E - 17 (continued)*

**Drinking Water Quality Parameters for the Weathered Lavery Till Unit**

	Lindane	Endrin	Methoxychlor	Toxaphene	2,4-D	Silvex	Fluoride	Nitrate+ Nitrite-N	Turbidity	Radium
<b>Quality Standards</b>	ND µg/L	ND µg/L	35 µg/L	ND µg/L	4.4 µg/L	0.26 µg/L	1.50 mg/L	10.00 mg/L	NA NTU	5x10 <sup>-9</sup> µCi/mL
<b>WNW1102A (DOWN - C)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	0.16	0.20	0.25	1.40±0.90E-09
Sep-91	<0.025	<0.05	<0.40	<1.0	<10	<1.0	0.18	0.14	3.3	2.50±1.70E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.17	<0.050	1.3	2.30±2.20E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	1.1	<1.03E-009
Mean:	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	0.15	0.11	1.5	1.74±1.46E-09
<b>WNW1103A (DOWN - C)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.21	0.50	13	3.40±2.20E-09
Sep-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	0.21	<0.050	35	4.00±1.60E-09
Jan-92	<0.025	<0.05	<0.40	<1.0	<0.1	<0.1	0.23	<0.050	>100	8.80±4.00E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	<0.050	16	2.90±1.40E-09
Mean:	<0.025	<0.05	<0.40	<1.0	<1.3	<0.2	0.19	0.16	NA	4.78±2.30E-09
<b>WNW1104A (DOWN - C)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.20	0.81	9.9	1.20±0.80E-09
Sep-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	0.20	0.28	12	2.30±1.25E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	0.23	0.14	5.5	6.30±2.40E-10
Mar-92	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	<0.10	0.20	10	1.90±1.40E-09
Mean:	<0.025	<0.05	<0.40	<1.0	<4.0	<0.4	0.18	0.36	9.4	1.51±0.92E-09
<b>WNW1107A (DOWN - C)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<1.5	<0.2	0.10	<0.10*	1.2	3.35±1.25E-09
Sep-91	<0.025	<0.05	<0.40	<1.0	<3.0	<0.3	0.12	0.062	2.7	3.00±1.30E-09
Dec-91	<0.025	<0.05	<0.40	<1.0	<1.0	<0.1	0.13	<0.050	2.2	2.40±1.50E-09
Mar-92	<0.025	<0.05	<0.40	<1.0	<2.0	<0.2	<0.10	<0.050	1.1	1.60±1.20E-09
Mean:	<0.025	<0.05	<0.40	<1.0	<1.9	<0.2	0.11	0.065	1.8	2.59±1.31E-09
<b>WNW1110A (DOWN - C)</b>										
Jun-91	<0.025	<0.05	<0.40	<1.0	<1	<0.1	0.17	<0.10*	2.5	1.50±0.90E-09
Sep-91	<0.025	<0.05	<0.40	<1.0	<4	<0.4	0.16	0.13	5.0	1.80±1.10E-09
Dec-91	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx
Mar-92	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx
Mean:	<0.025	<0.05	<0.40	<1.0	<2.5	<0.3	0.16	0.12	3.8	1.65±1.00E-09

\* - Nitrate-N only.

ND - A standard defined by "ND" means not detectable by the analytical method.

NA - Not applicable.

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

**Table E - 17 (concluded)**

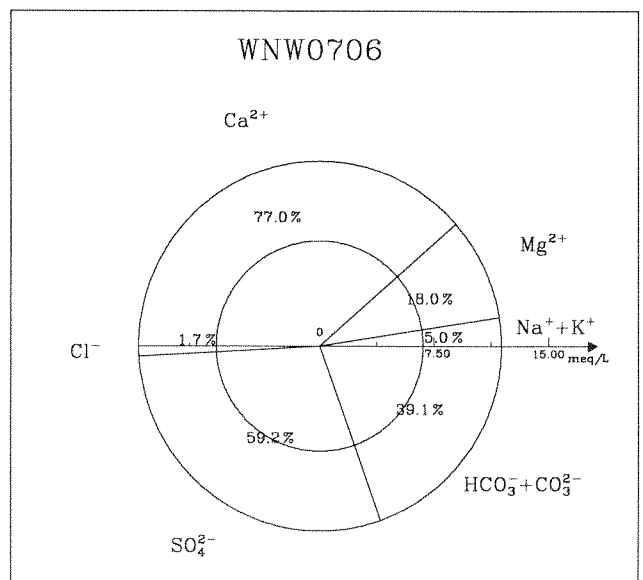
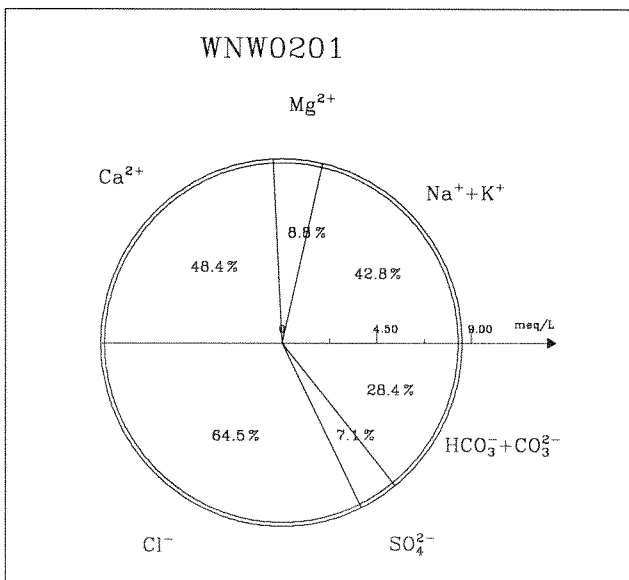
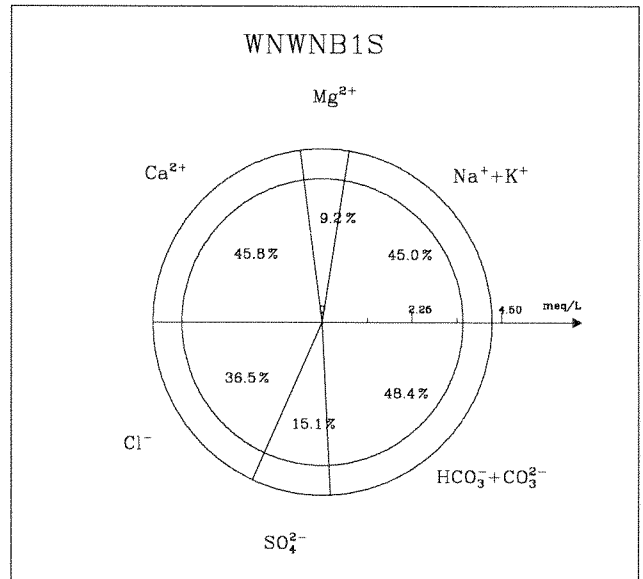
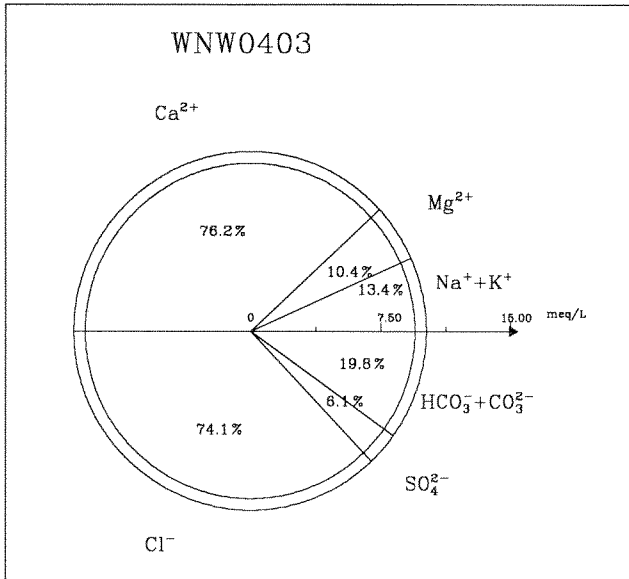
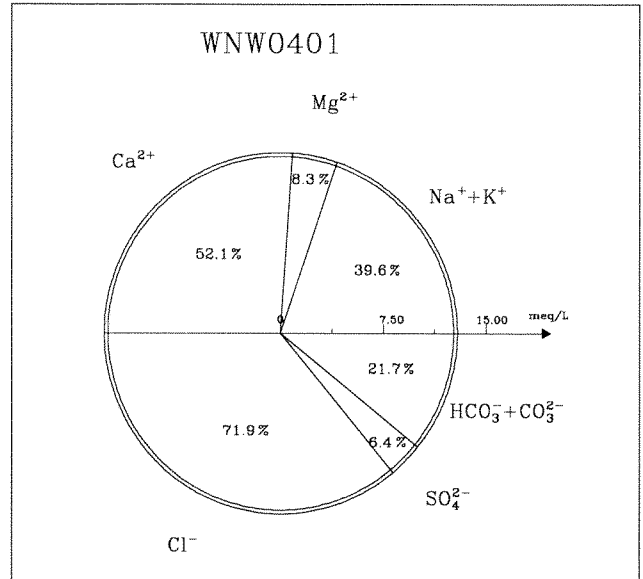
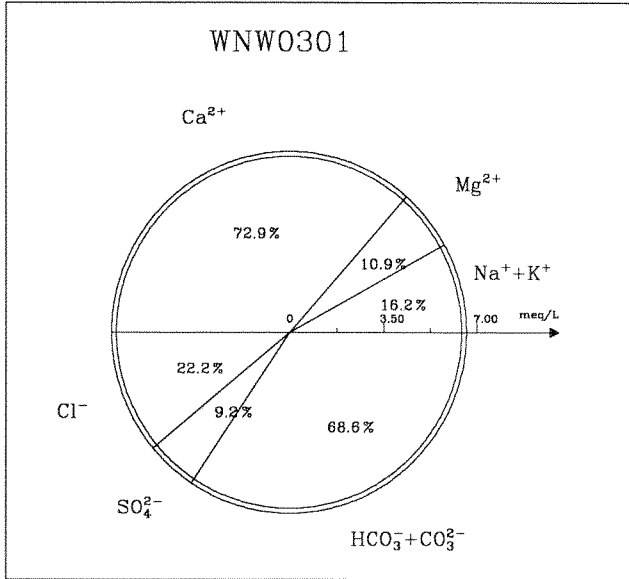
**Drinking Water Quality Parameters for the Weathered Lavery Till Unit**

Quality Standards	Arsenic		Cadmium		Mercury		Silver		Barium		Chromium		Lead		Selenium	
	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.	Total	Diss.
	0.025		0.010		0.002		0.050		1.00		0.050		0.025		0.010	
	mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L		mg/L	
<b>WNW1102A (DOWN - C)</b>																
Jun-91	<0.0050	<0.0050	<0.0025	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.061	0.057	<0.0050	<0.0050	0.002	0.0260	<0.0050	<0.0050
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.058	0.062	0.0062	<0.0050	<0.0020	<0.0020	<0.0020	<0.010
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.056	0.059	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.050	<0.0050	<0.0050	<0.0020	<0.0020	0.0031	<0.0020
Mean:	<0.0028	<0.0028	<0.0036	<0.0036	<0.00020	<0.00020	<0.0035	<0.0035	0.0562	0.0570	0.0053	<0.0050	0.0021	0.0080	0.0030	<0.0048
<b>WNW1103A (DOWN - C)</b>																
Jun-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.091	0.086	<0.0050	<0.0050	0.003	0.0055	<0.0020	<0.0020
Sep-91	0.0023	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.120	0.110	0.012	<0.0050	0.004	<0.0020	<0.0020	<0.0020
Dec-91	0.0079	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.089	<0.050	0.0055	<0.0050	0.004	<0.0020	<0.0020	<0.010
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.067	<0.050	0.0072	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0036	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.0918	0.0740	0.0074	<0.0050	0.0032	0.0029	<0.0020	<0.0040
<b>WNW1104A (DOWN - C)</b>																
Jun-91	<0.0020	<0.0020	0.0050	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.064	0.086	<0.0050	<0.0050	0.006	0.0033	<0.0020	<0.0020
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.084	0.086	0.0080	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.066	0.068	<0.0050	<0.0050	<0.0020	<0.0020	0.0029	0.0030
Mar-92	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.071	0.074	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	<0.0020	<0.0020	0.0042	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.0711	0.0785	0.0058	<0.0050	0.0031	0.0023	0.0022	0.0022
<b>WNW1107A (DOWN - C)</b>																
Jun-91	<0.0050	<0.0050	<0.0025	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.115	0.135	<0.0050	<0.0050	0.003	0.0110	<0.0050	<0.0050
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.110	0.120	<0.0050	0.0062	<0.0020	<0.0020	<0.0020	<0.0020
Dec-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.094	0.095	<0.0050	<0.0050	<0.0020	<0.0020	<0.010	<0.010
Mar-92	0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	0.083	0.095	<0.0050	<0.0050	<0.0020	<0.0020	<0.0020	<0.0020
Mean:	0.0028	<0.0028	<0.0036	<0.0036	<0.00020	<0.00020	<0.0035	<0.0035	0.100	0.111	<0.0050	0.0053	0.0022	0.0042	<0.0048	<0.0048
<b>WNW1110A (DOWN - C)</b>																
Jun-91	<0.0050	<0.0050	<0.0025	<0.0025	<0.00020	<0.00020	<0.0050	<0.0050	0.032	0.025	<0.0050	<0.0050	0.006	0.0022	<0.0050	<0.0050
Sep-91	<0.0020	<0.0020	<0.0040	<0.0040	<0.00020	<0.00020	<0.0030	<0.0030	<0.050	<0.0050	<0.0050	<0.0050	<0.0020	<0.0020	<0.010	<0.010
Dec-91	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Mar-92	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	Dry	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx	xxxx
Mean:	<0.0035	<0.0035	<0.0032	<0.0032	<0.00020	<0.00020	<0.0040	<0.0040	0.0410	0.0150	<0.0050	<0.0050	0.0040	0.0021	<0.0075	<0.0075

Quality Standards for Class GA groundwater are from 6 NYCRR Part 703.5.

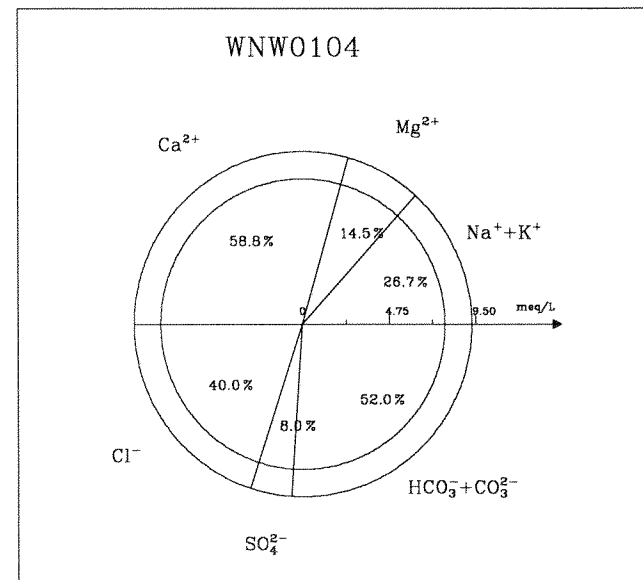
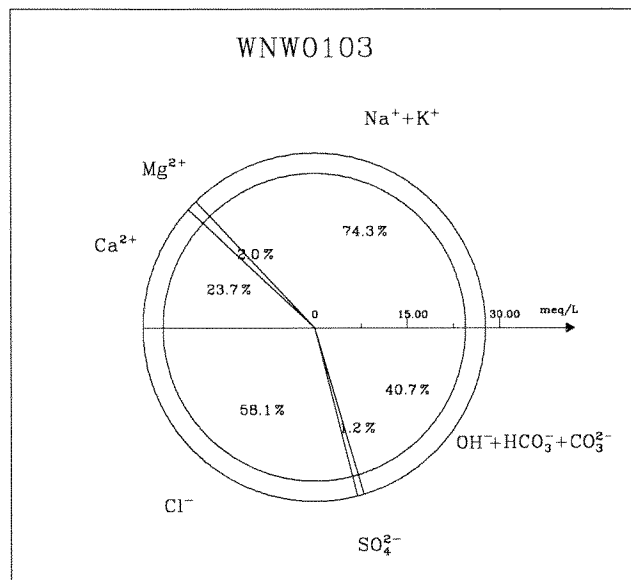
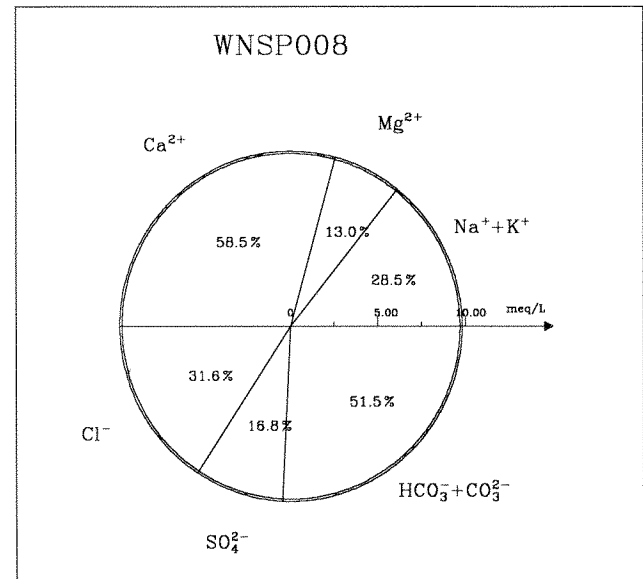
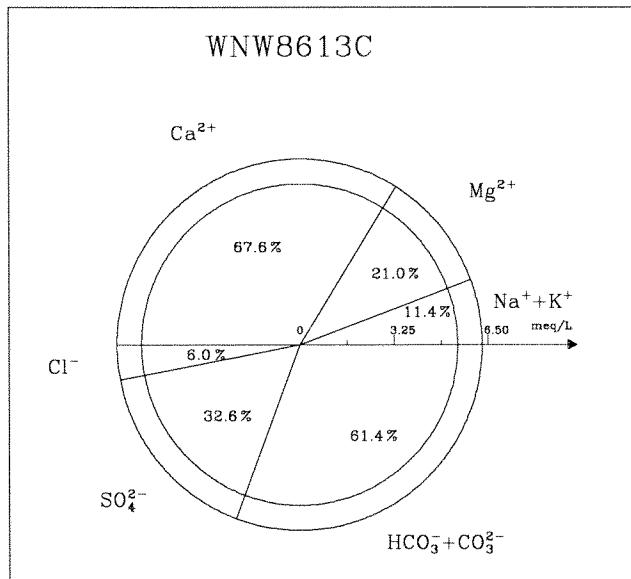
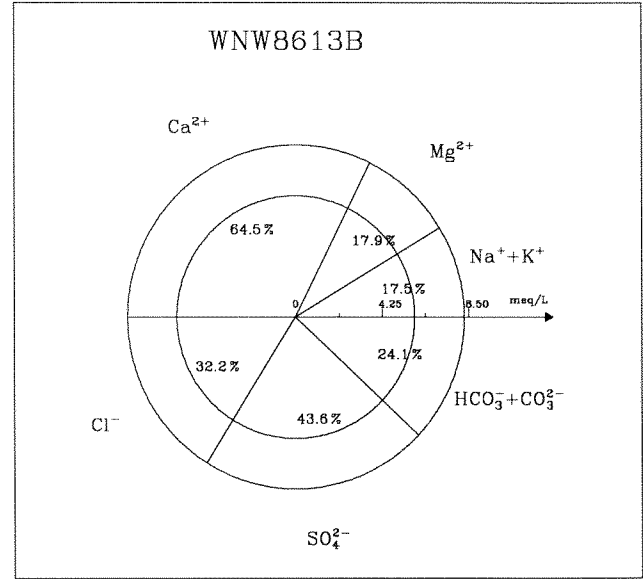
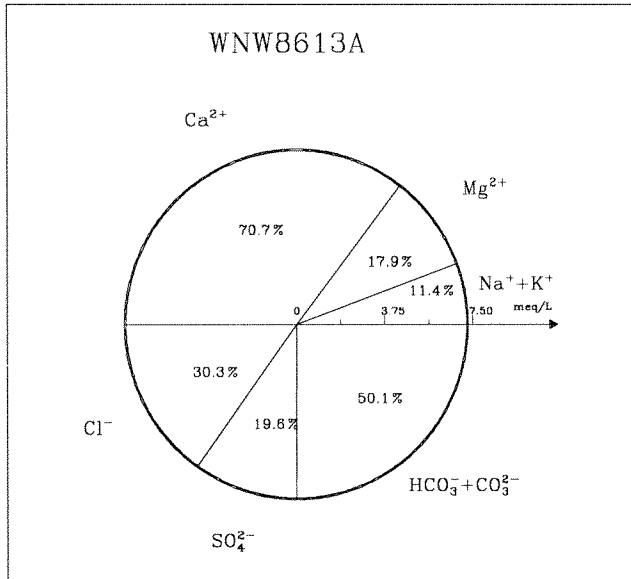
**Figure E - 1**

**1992 Groundwater Quality Plots for the Sand and Gravel Unit Wells**



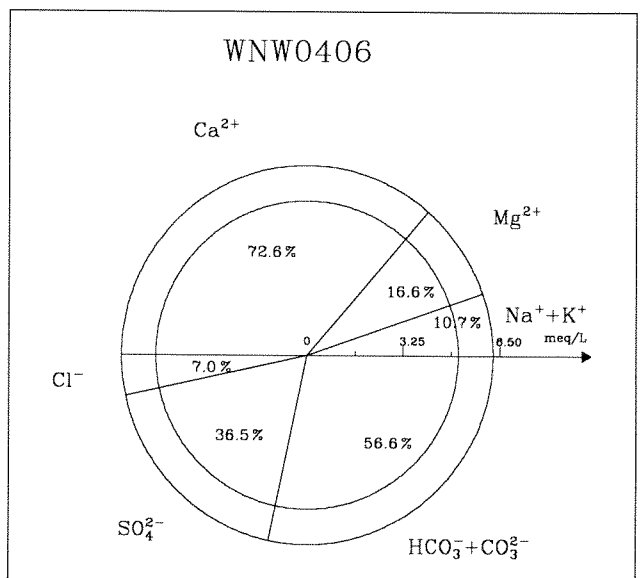
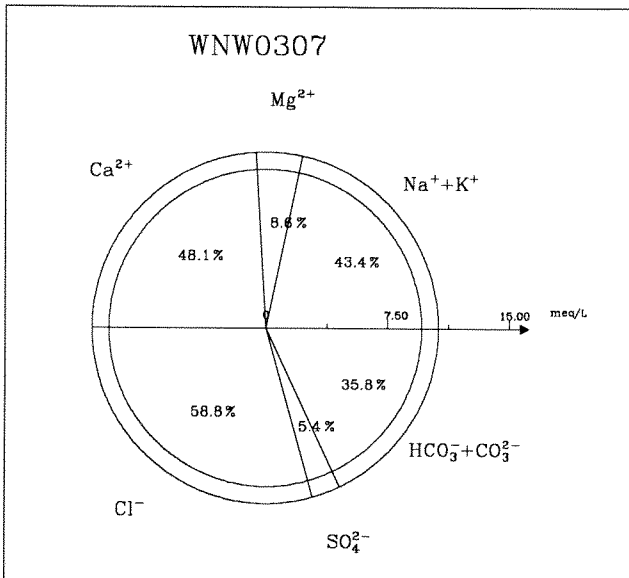
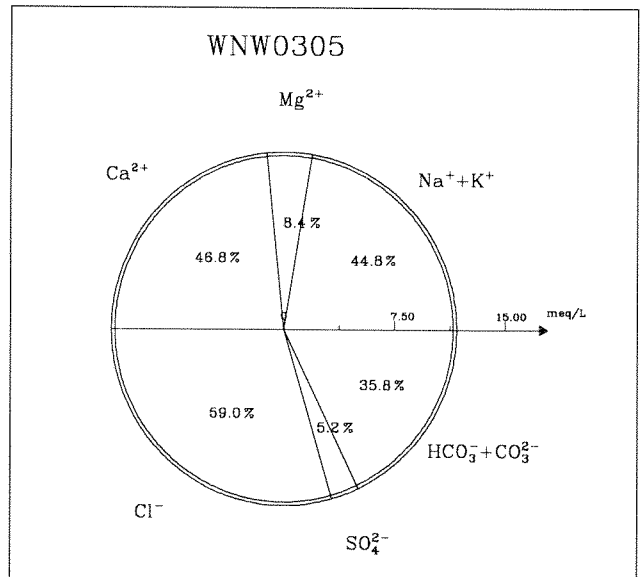
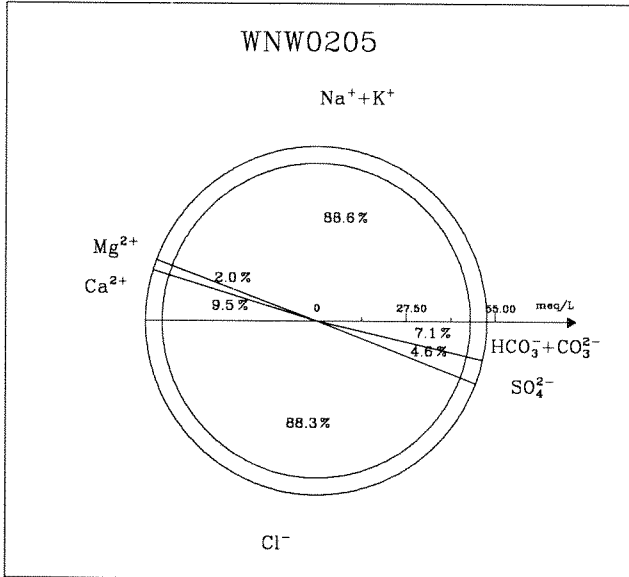
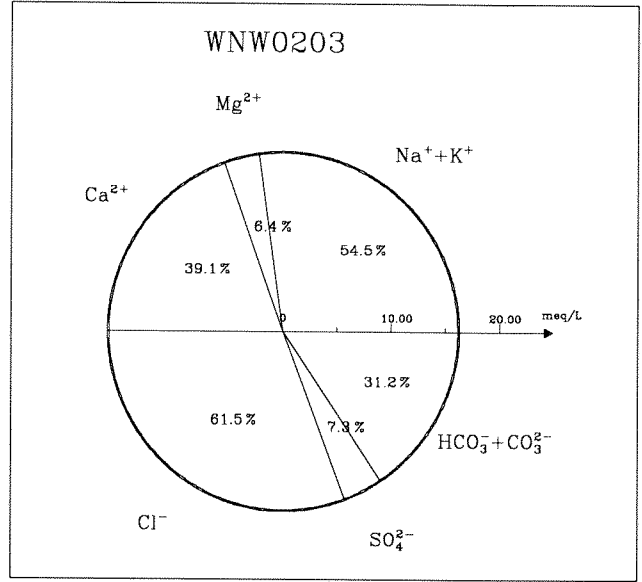
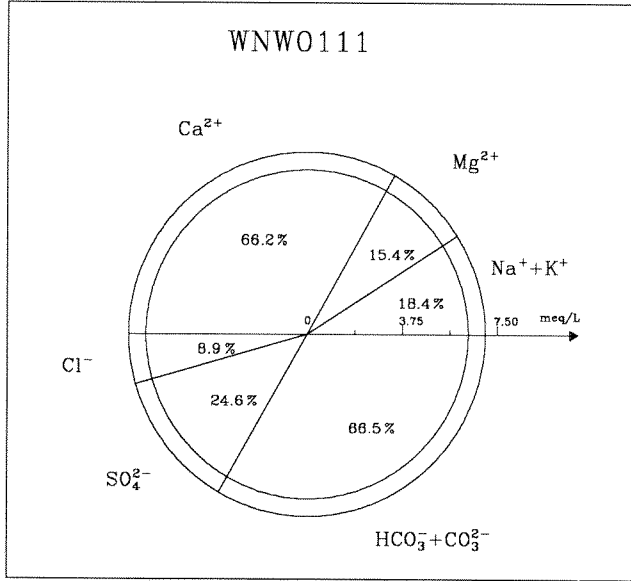
**Figure E - 1 (continued)**

**1992 Groundwater Quality Plots for the Sand and Gravel Unit Wells**



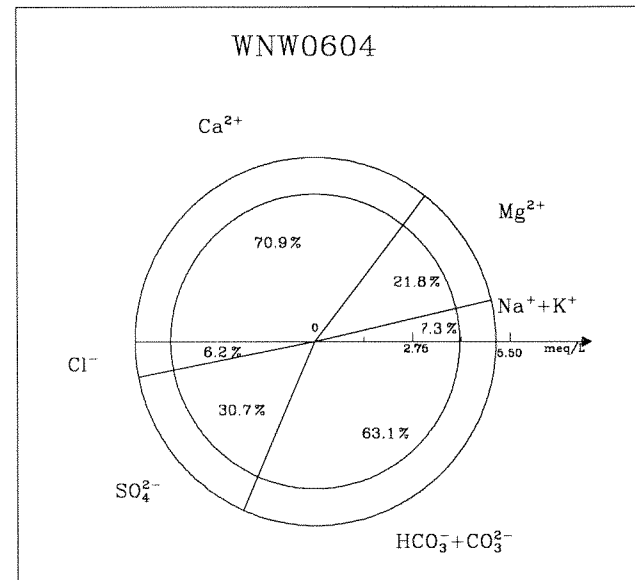
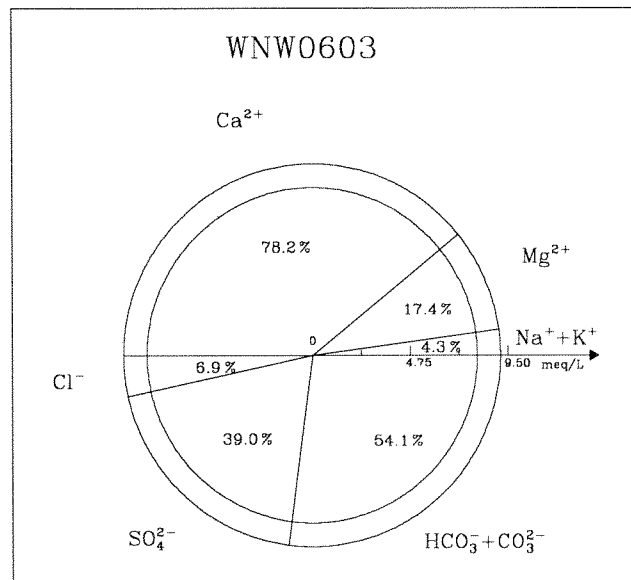
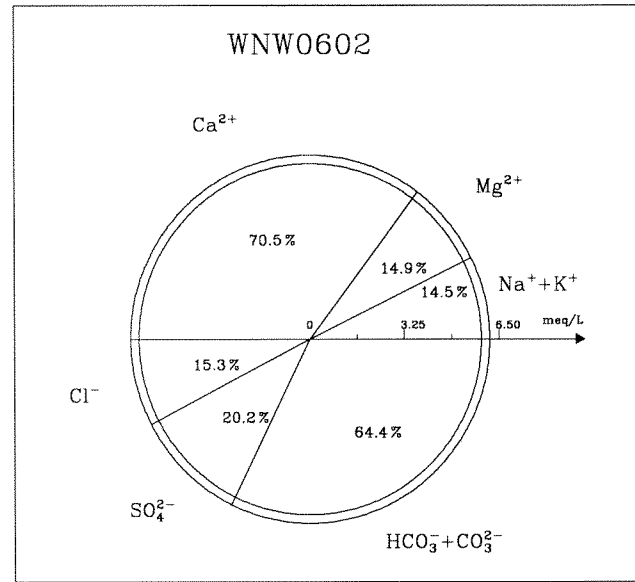
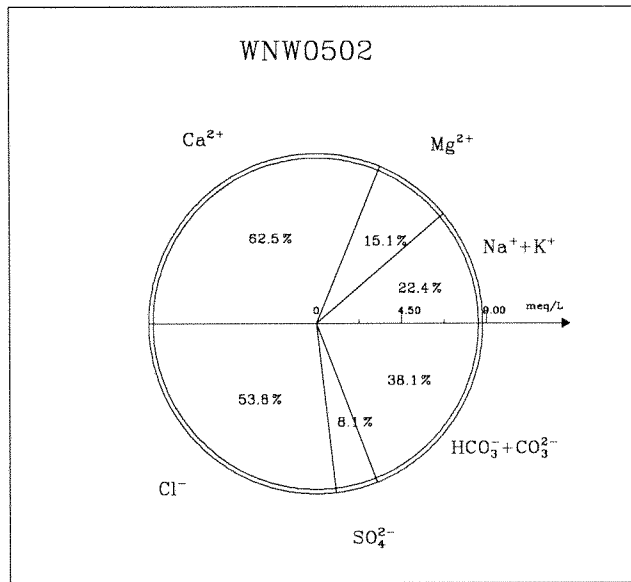
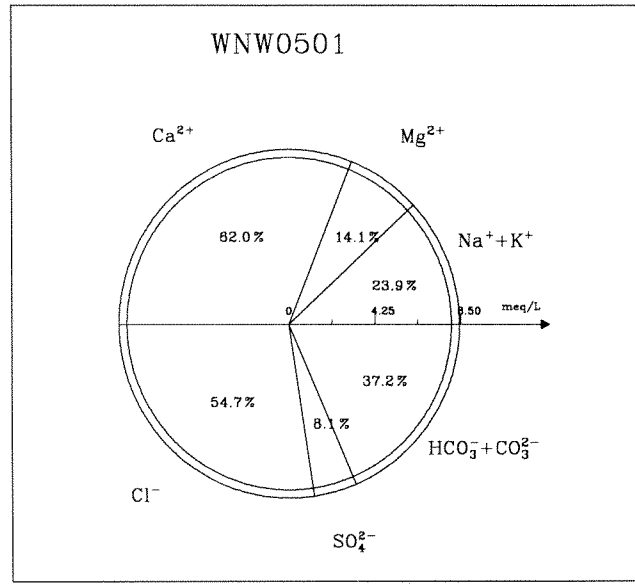
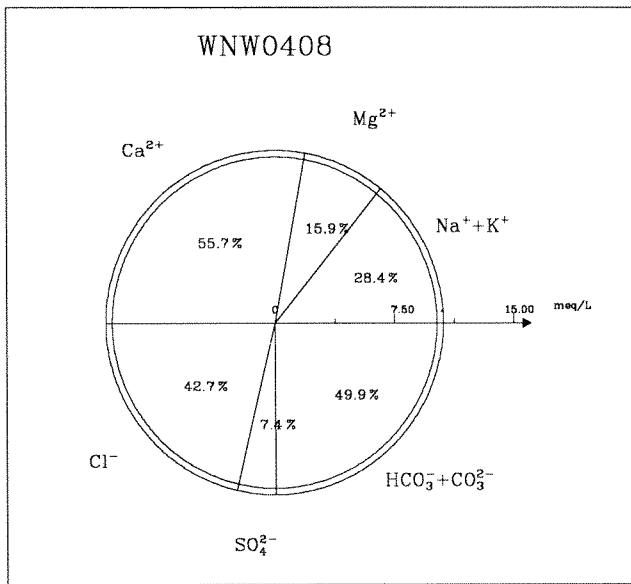
**Figure E - 1 (continued)**

**1992 Groundwater Quality Plots for the Sand and Gravel Unit Wells**



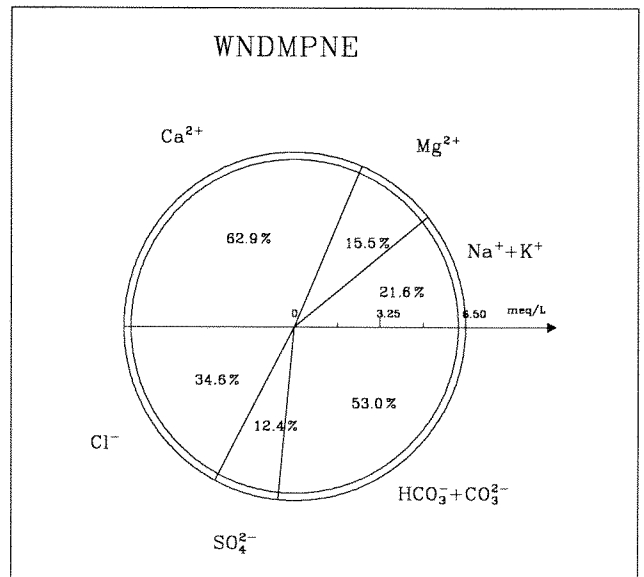
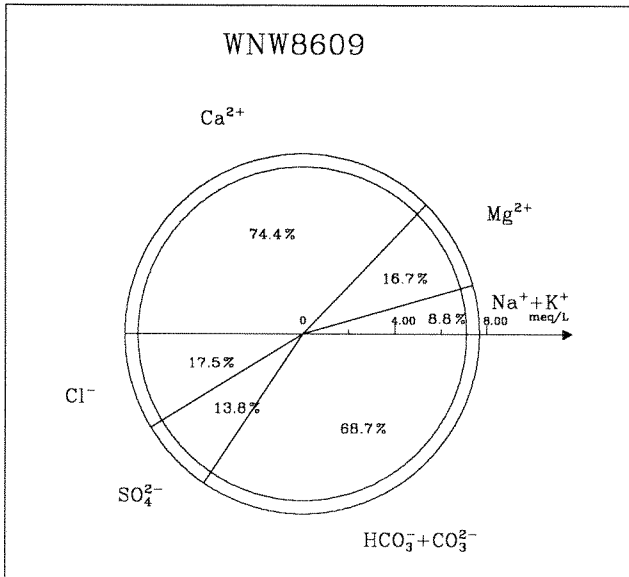
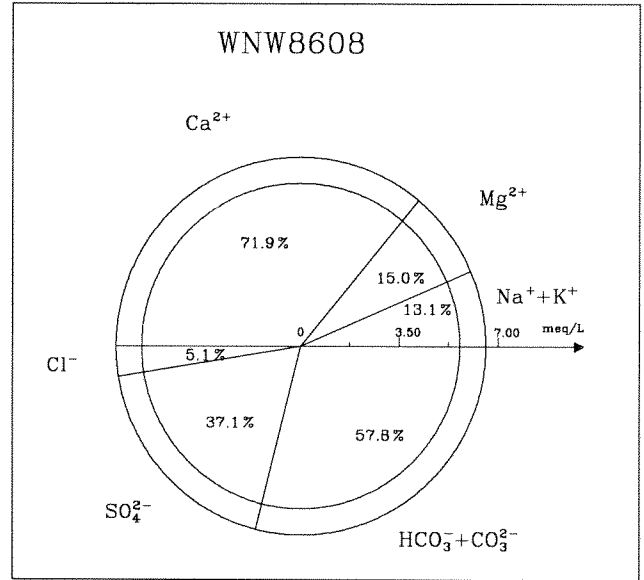
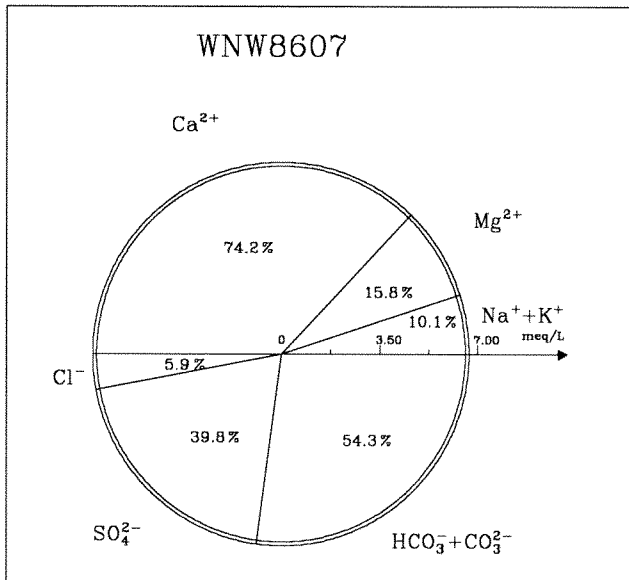
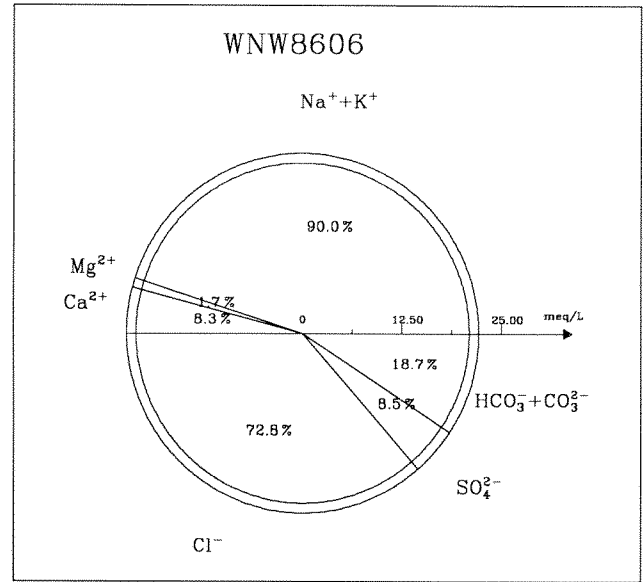
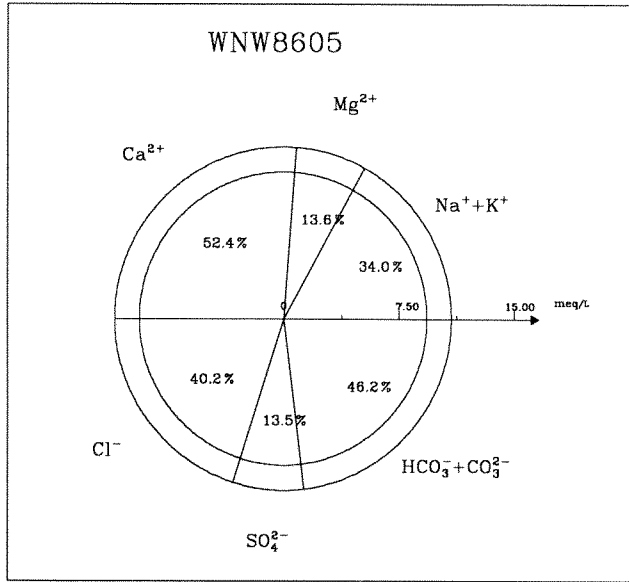
**Figure E - 1 (continued)**

**1992 Groundwater Quality Plots for the Sand and Gravel Unit Wells**



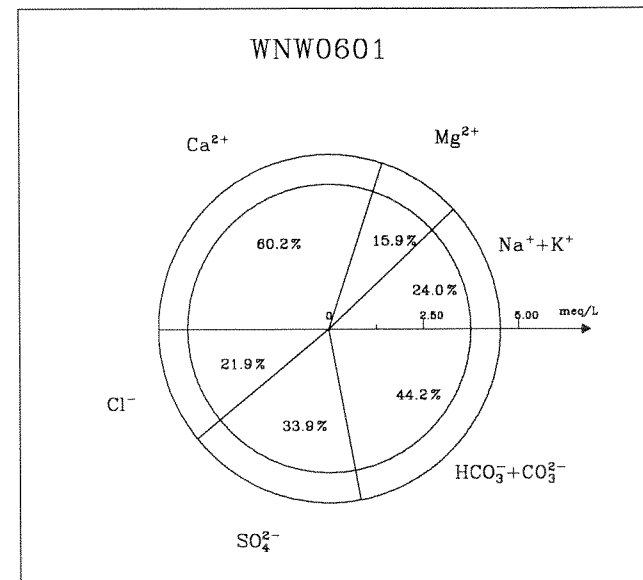
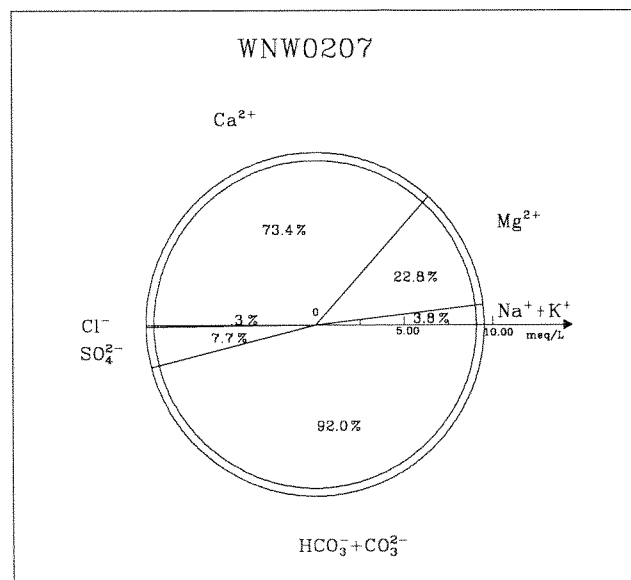
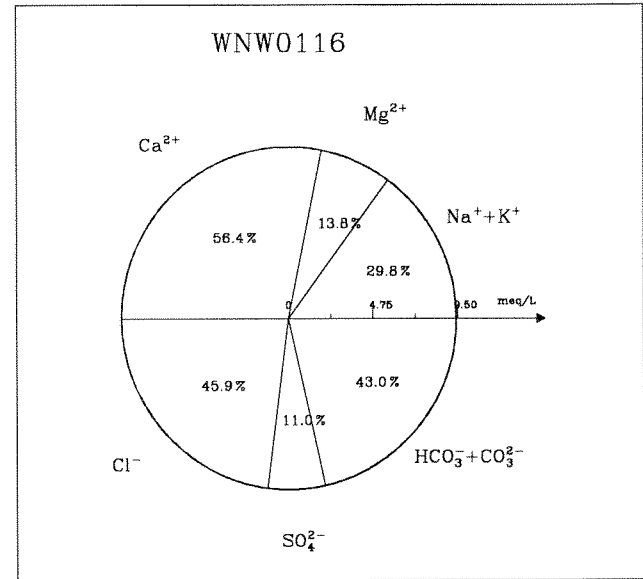
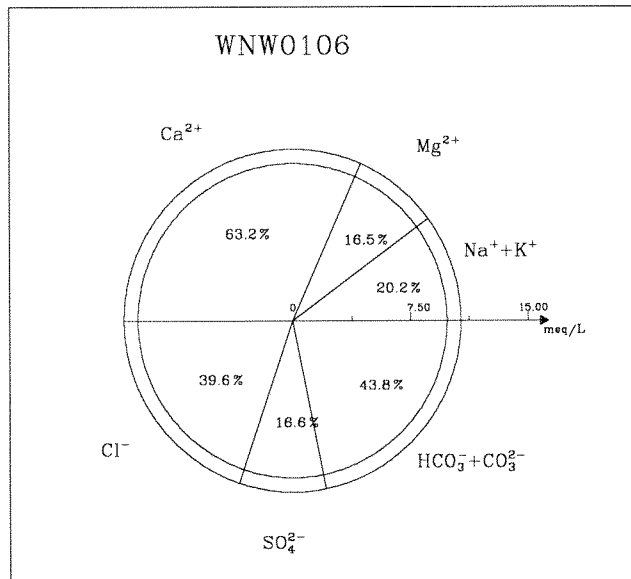
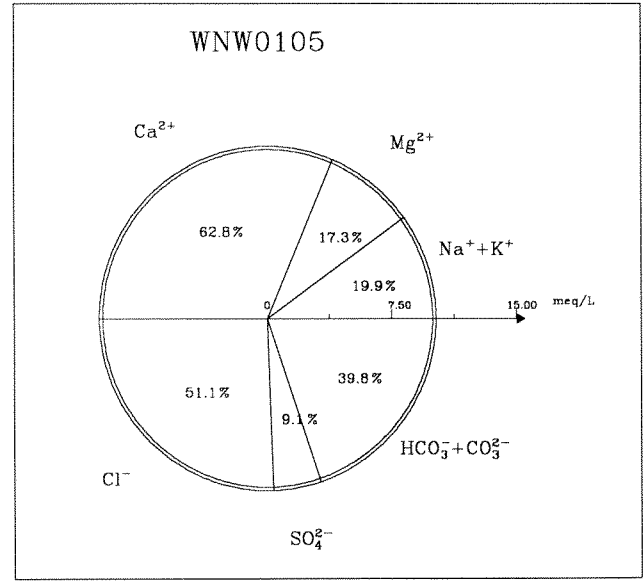
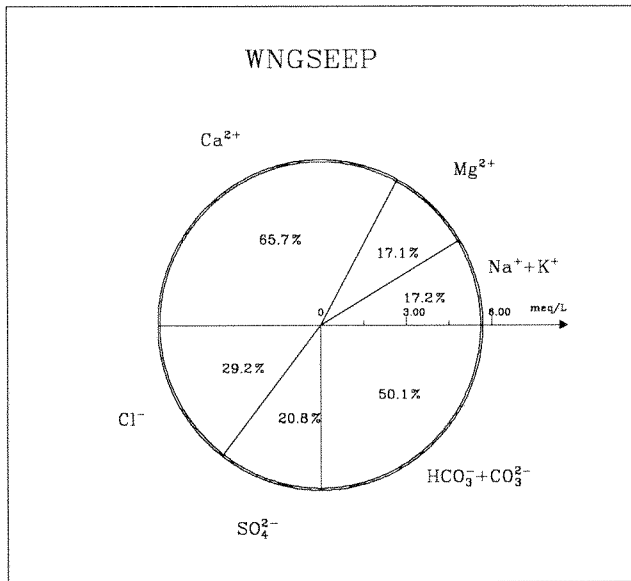
**Figure E - 1 (continued)**

**1992 Groundwater Quality Plots for the Sand and Gravel Unit Wells**



**Figure E - 1 (continued)**

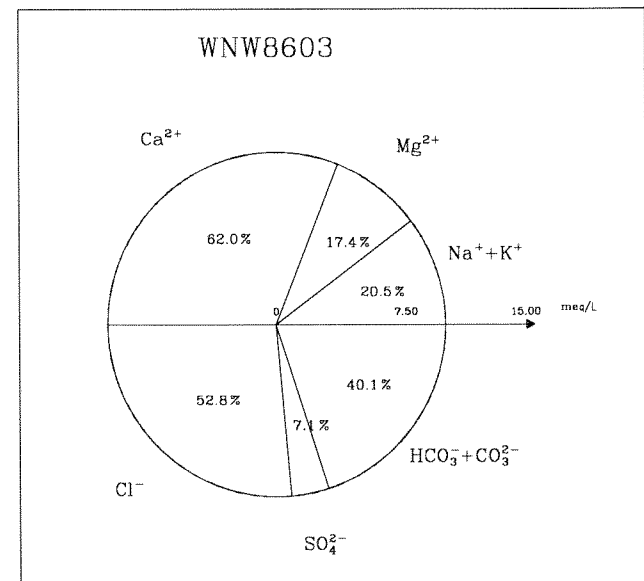
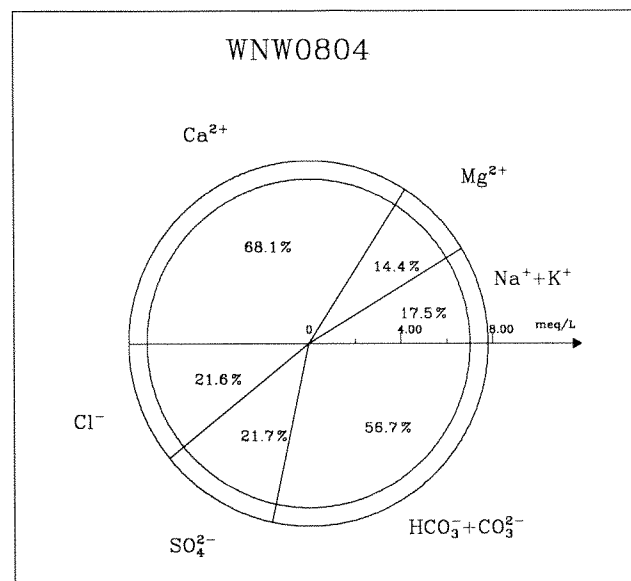
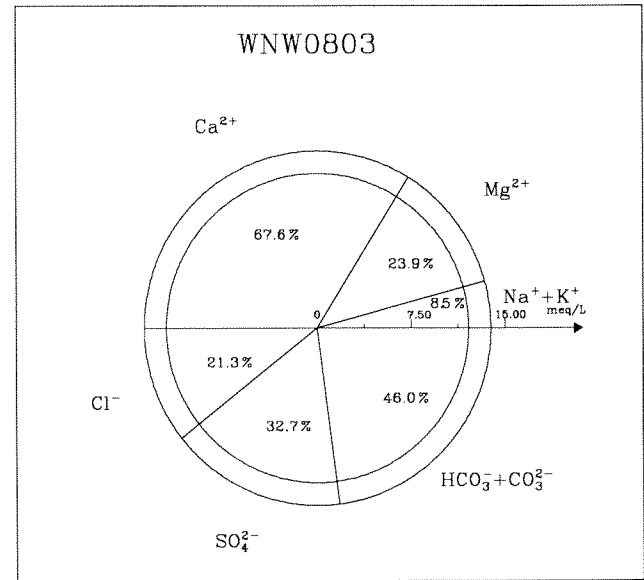
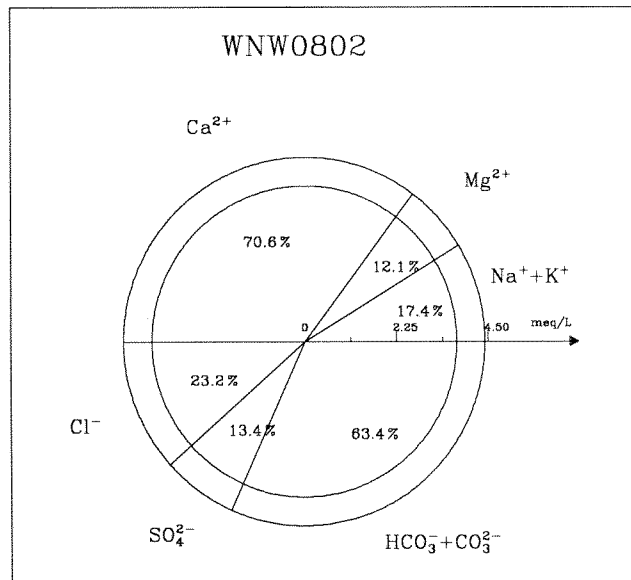
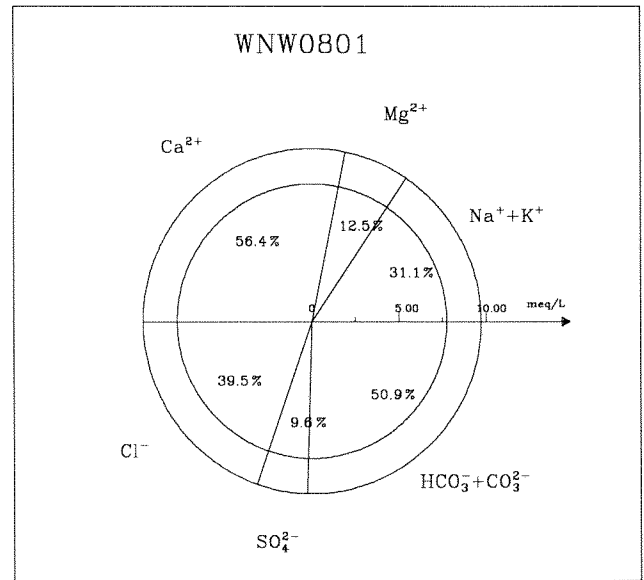
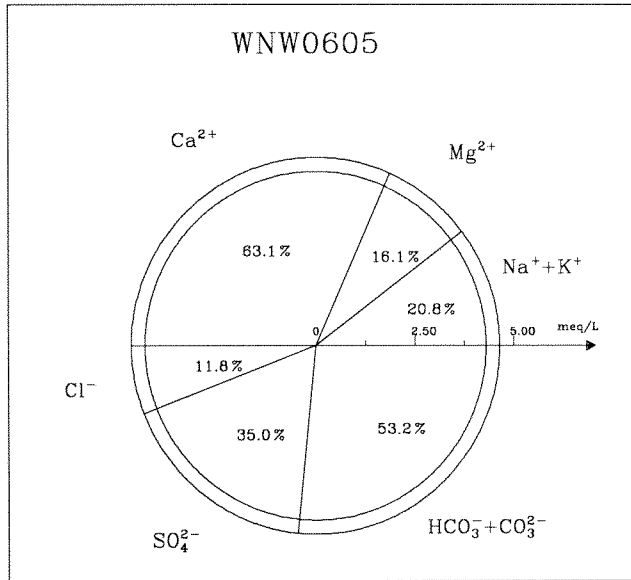
**1992 Groundwater Quality Plots for the Sand and Gravel Unit Wells**





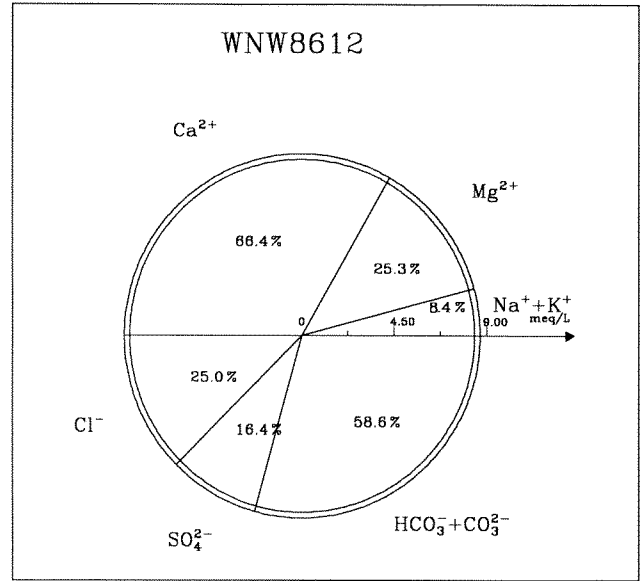
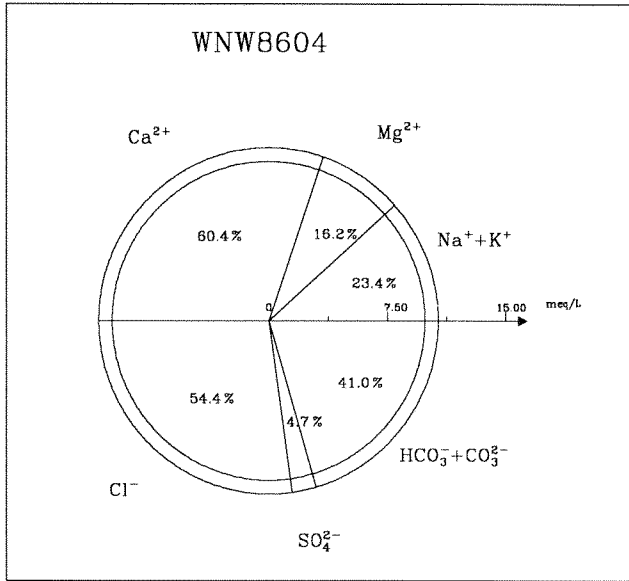
**Figure E - 1 (continued)**

**1992 Groundwater Quality Plots for the Sand and Gravel Unit Wells**



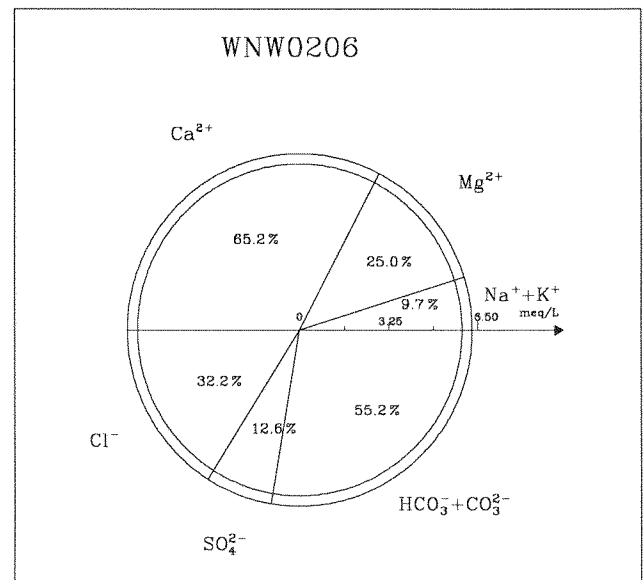
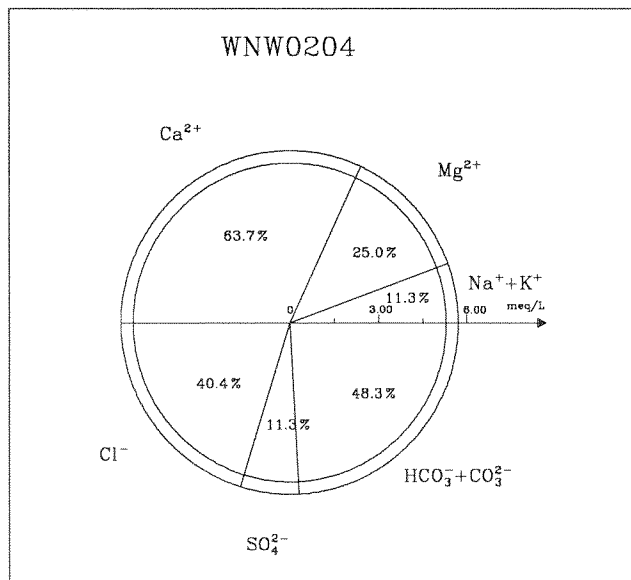
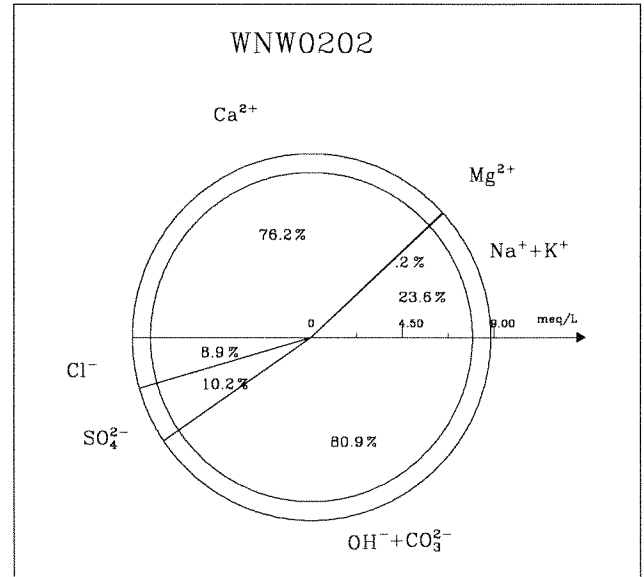
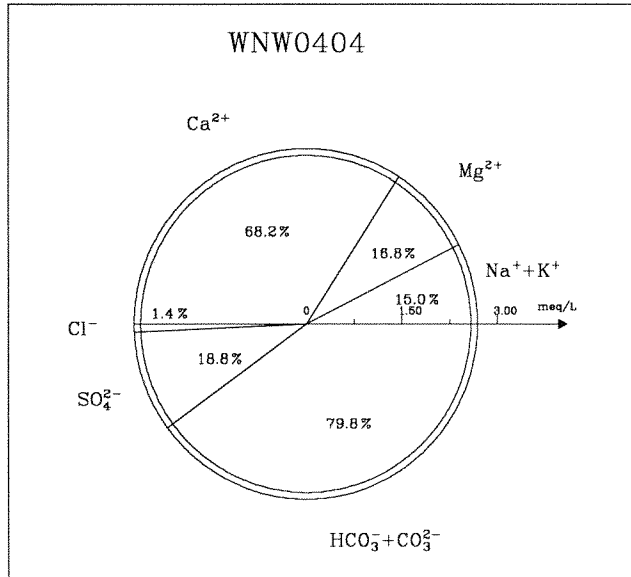
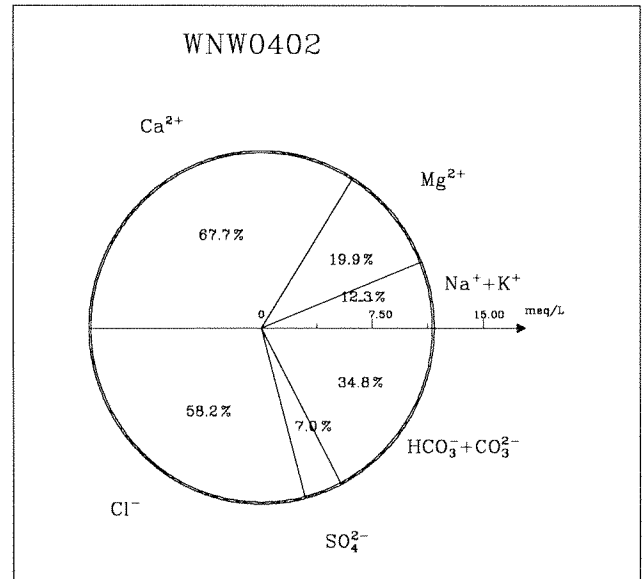
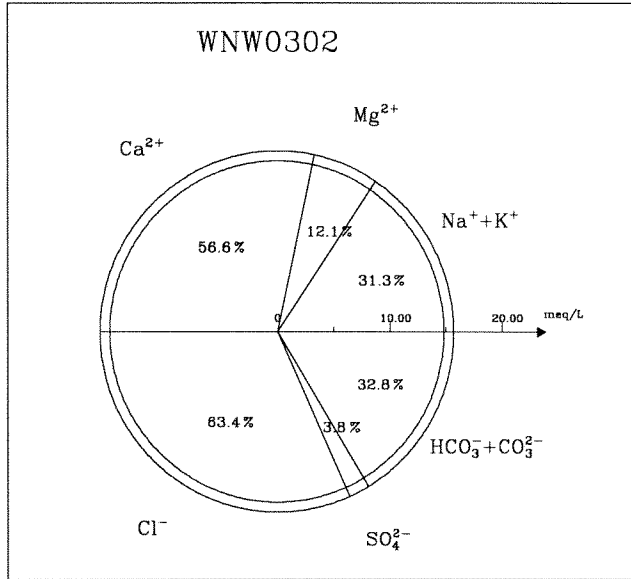
**Figure E - 1 (concluded)**

**1992 Groundwater Quality Plots for the Sand and Gravel Unit Wells**



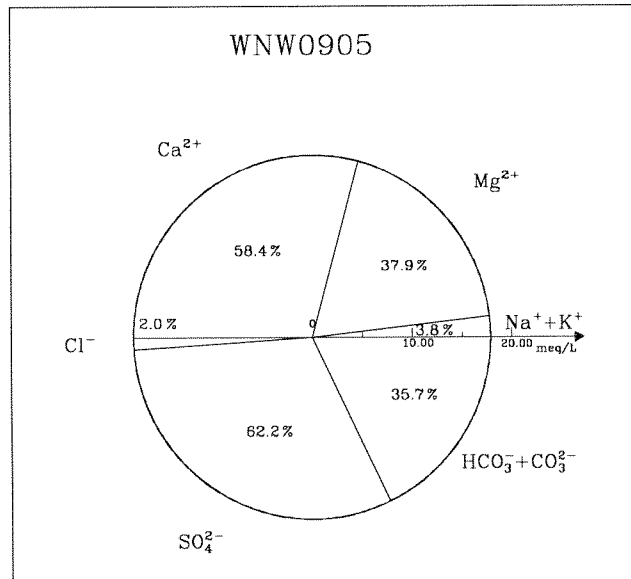
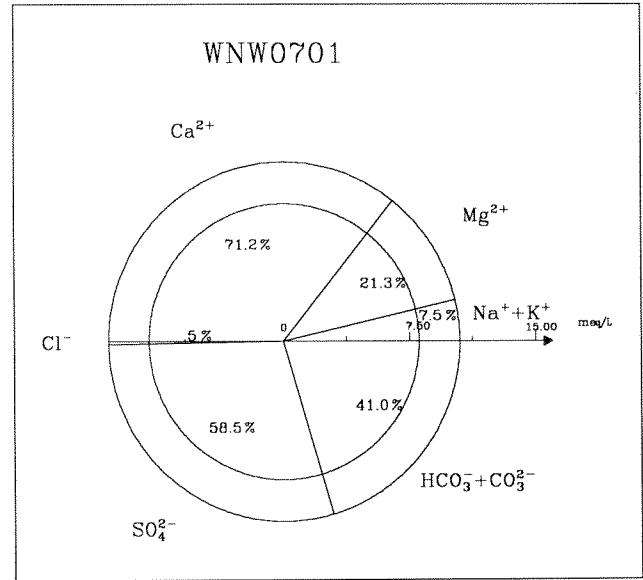
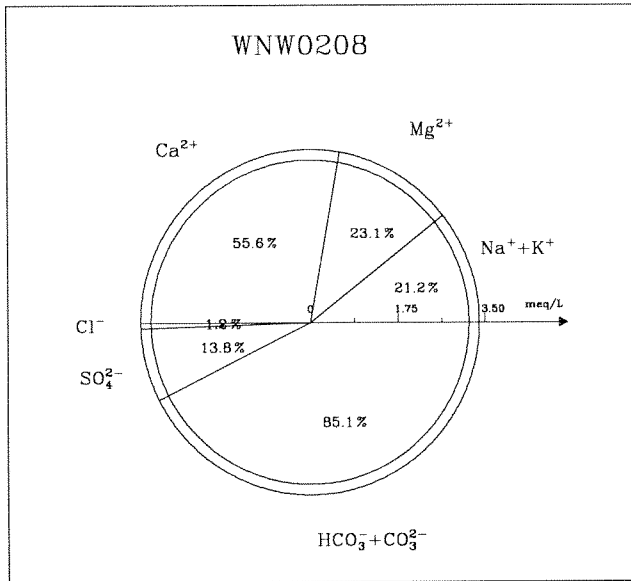
**Figure E - 2**

**1992 Groundwater Quality Plots for the Till-Sand Unit Wells**

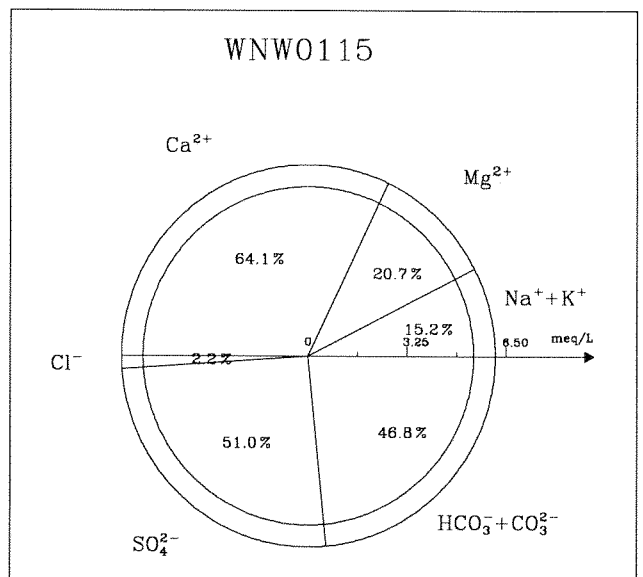
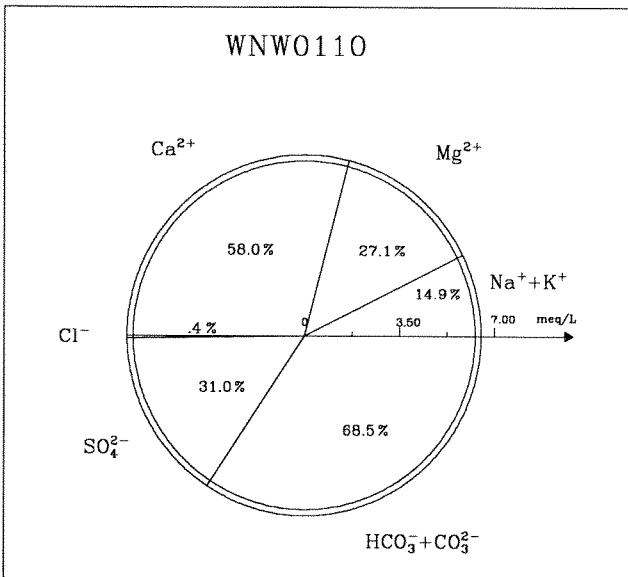
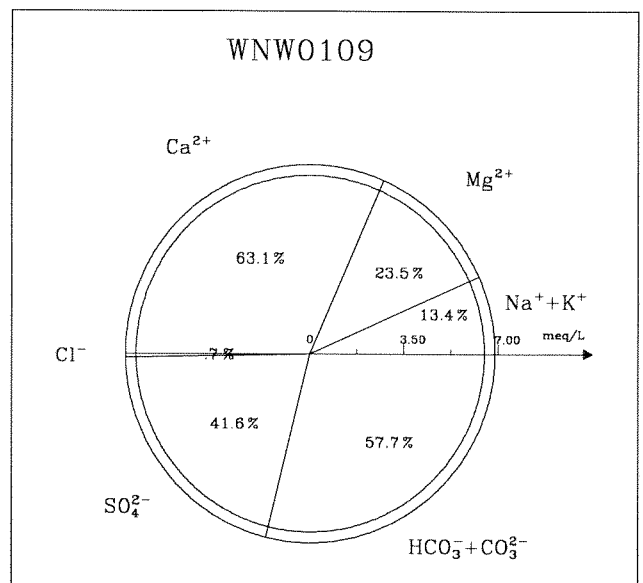
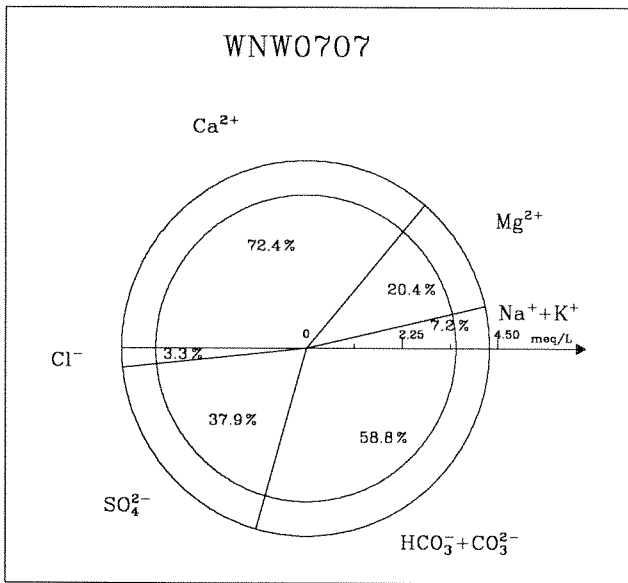
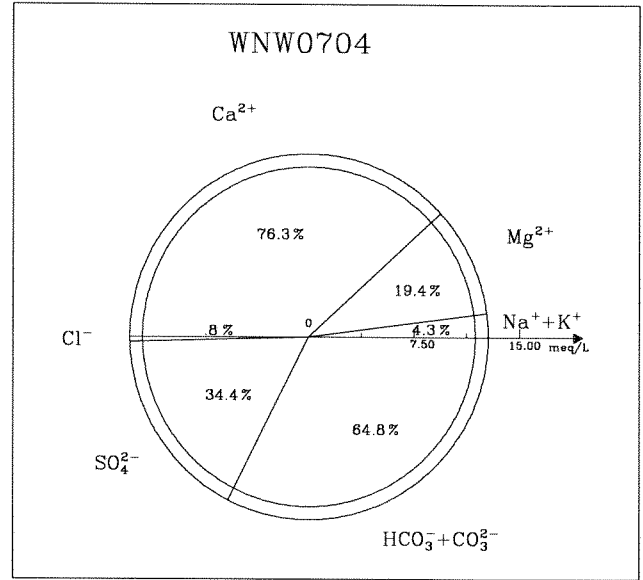
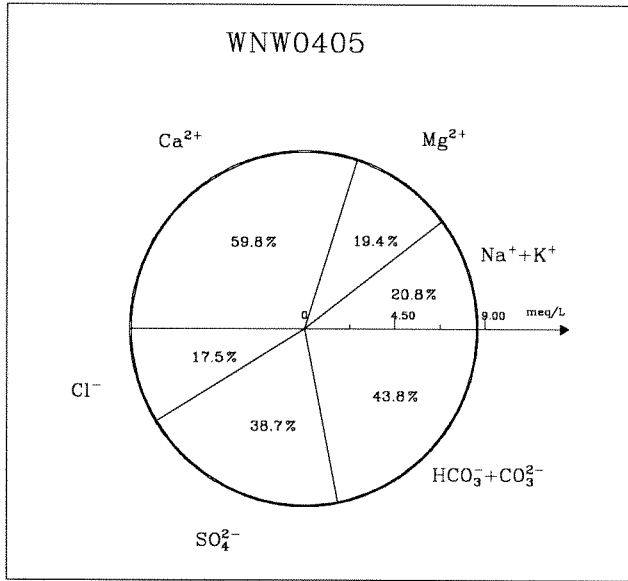


**Figure E - 2 (concluded)**

**1992 Groundwater Quality Plots for the Till-Sand Unit Wells**

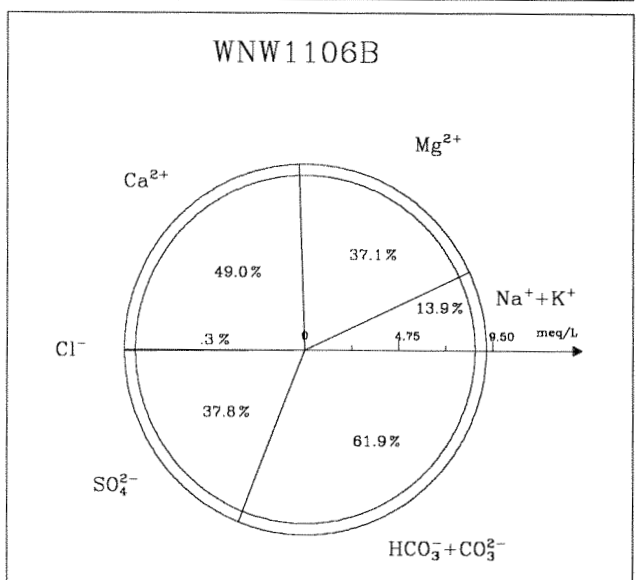
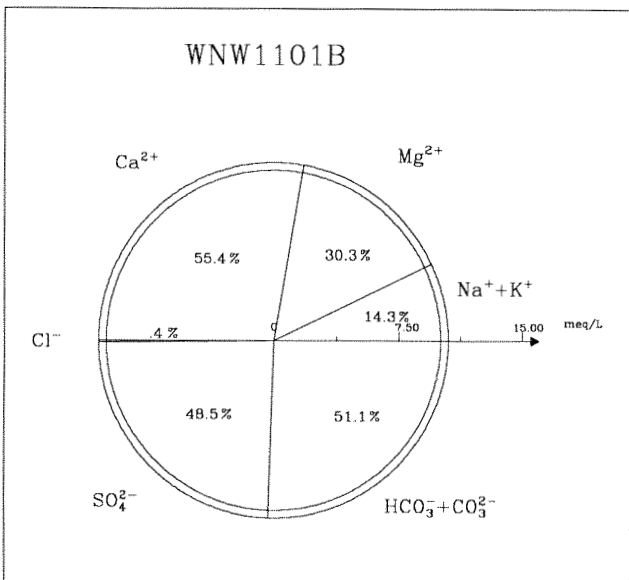
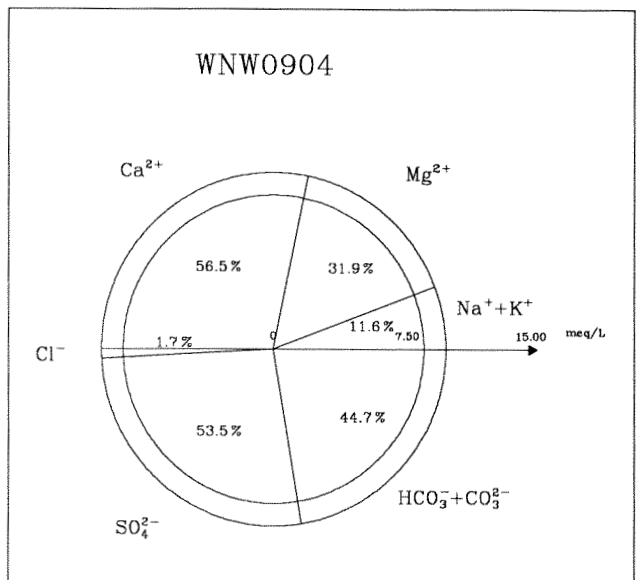
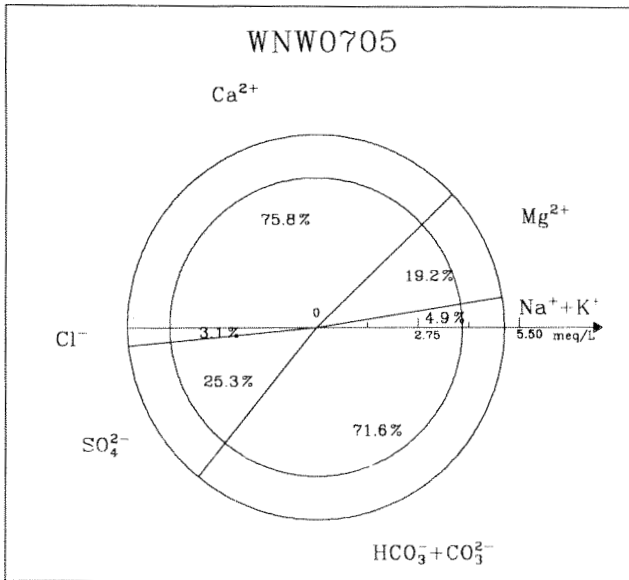
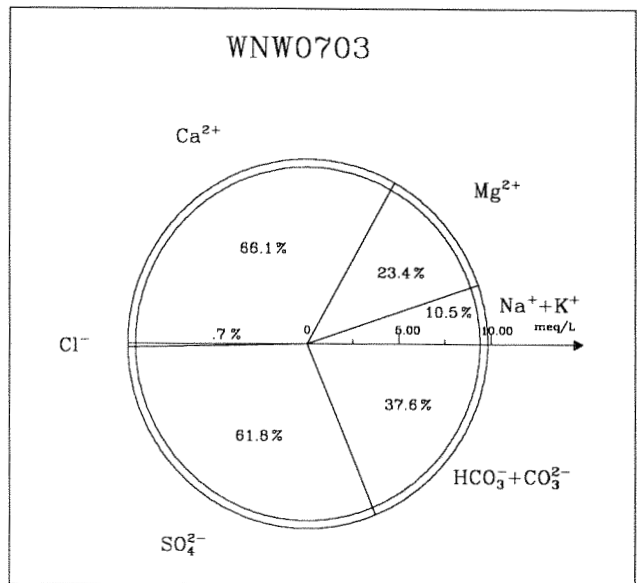
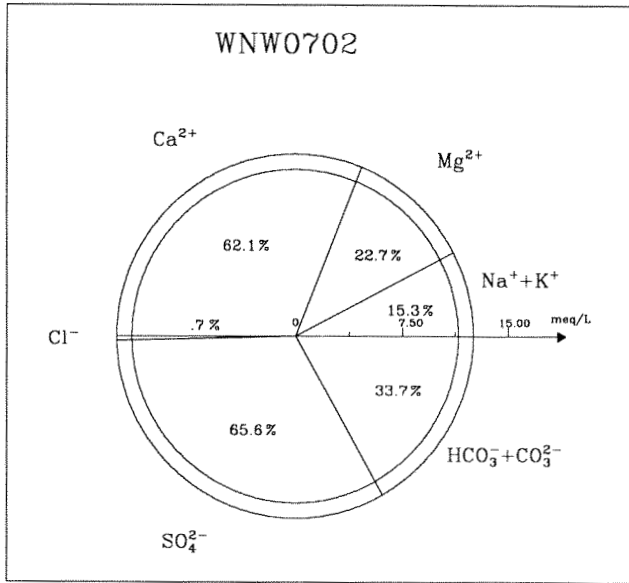


**Figure E - 3**  
**1992 Groundwater Quality Plots for the Unweathered**  
**Lavery Till Unit Wells**

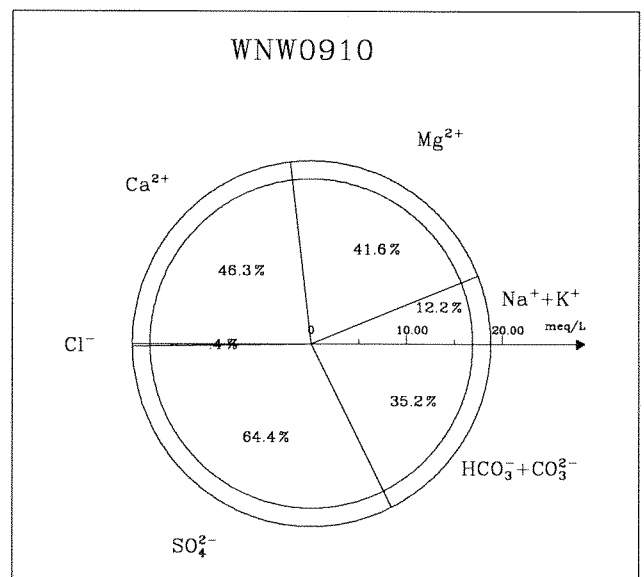
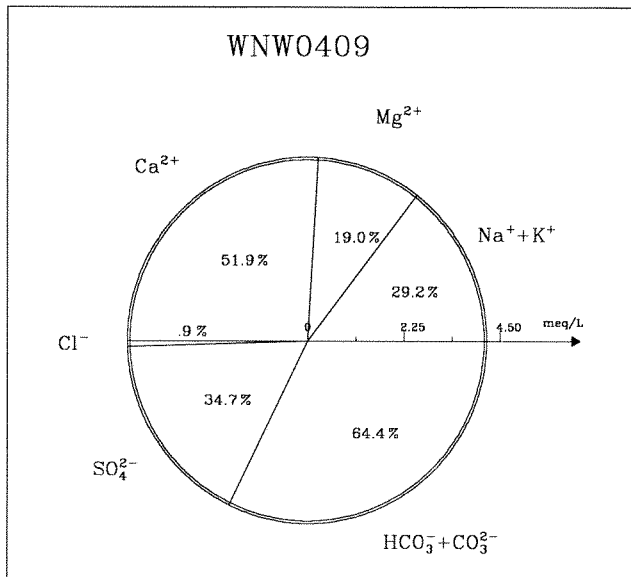
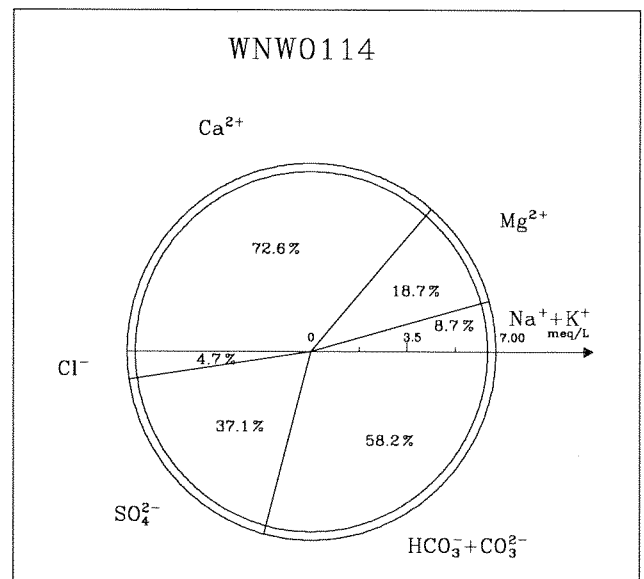
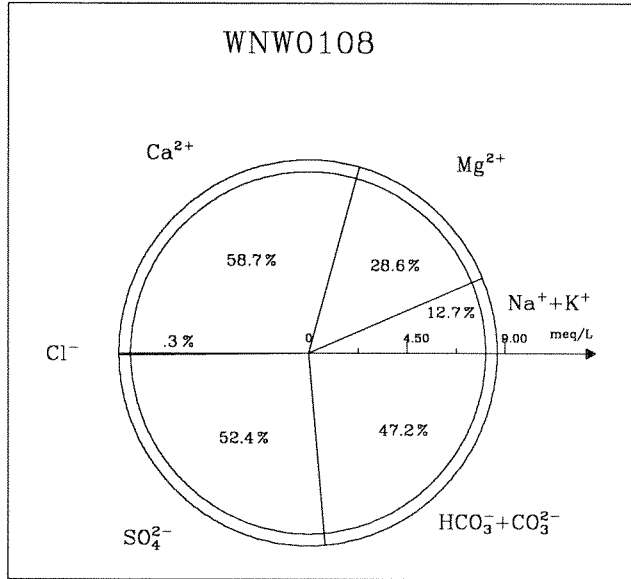
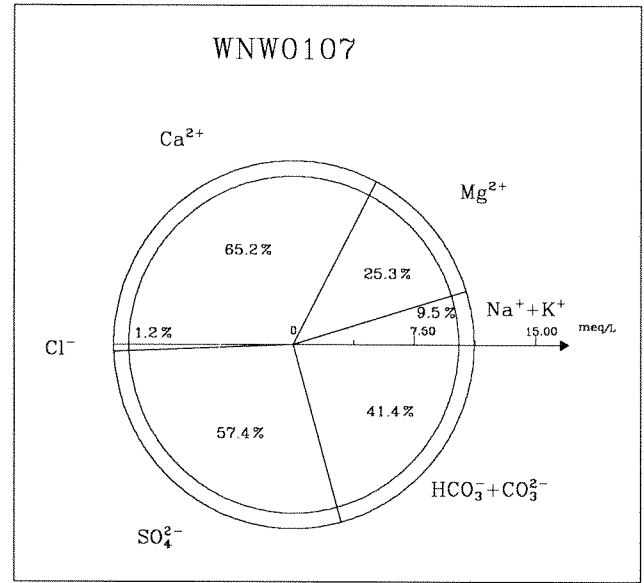
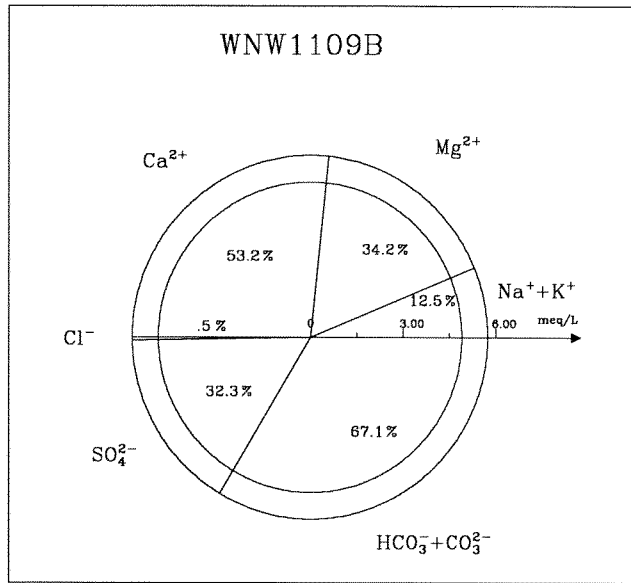


**Figure E - 3 (continued)**

**1992 Groundwater Quality Plots for the Unweathered Lavery Till Unit Wells**

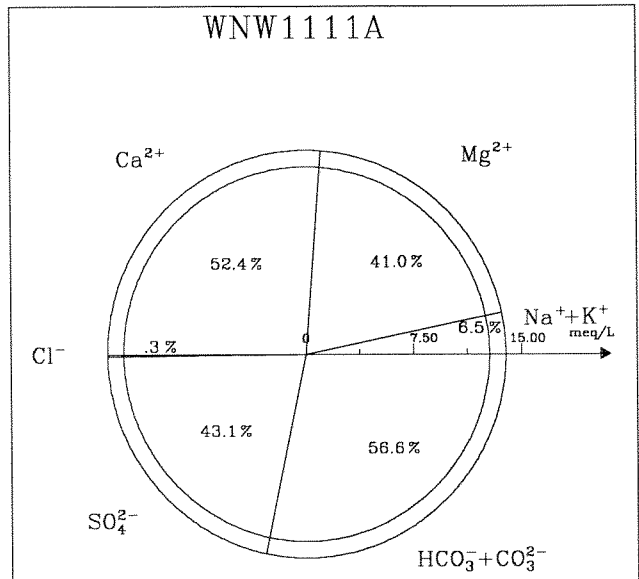
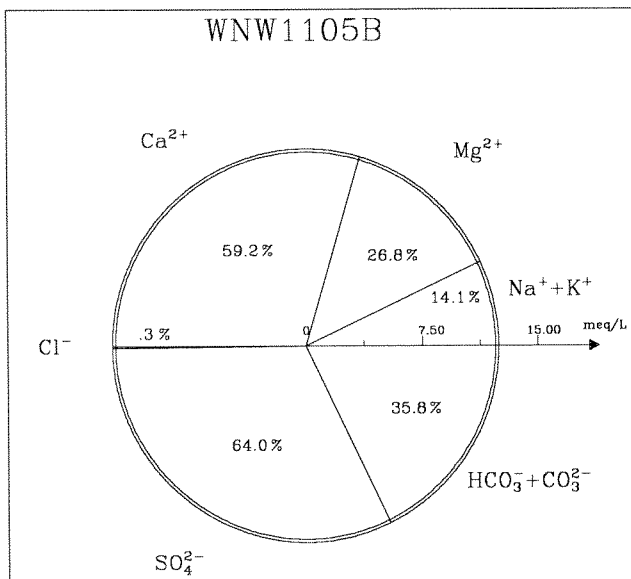
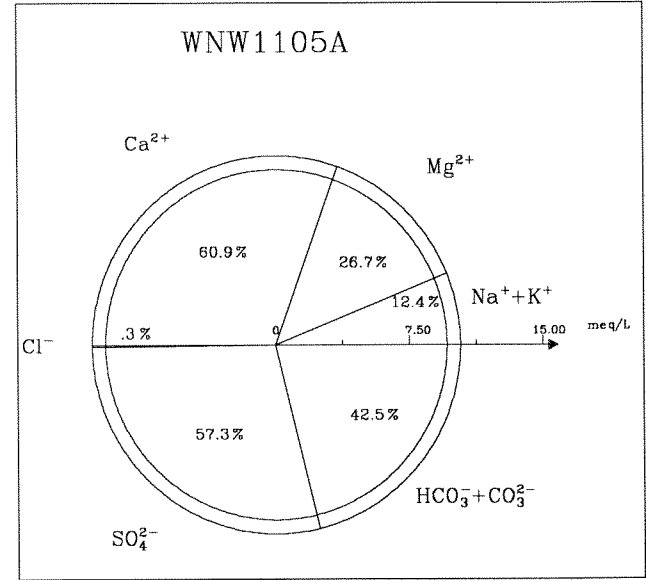
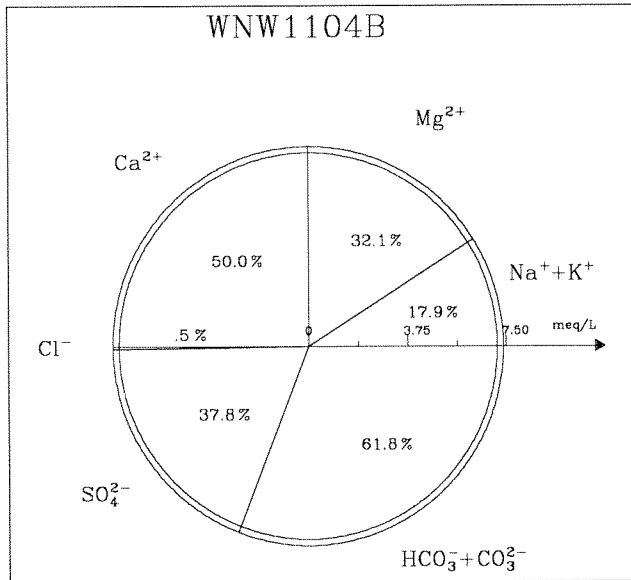
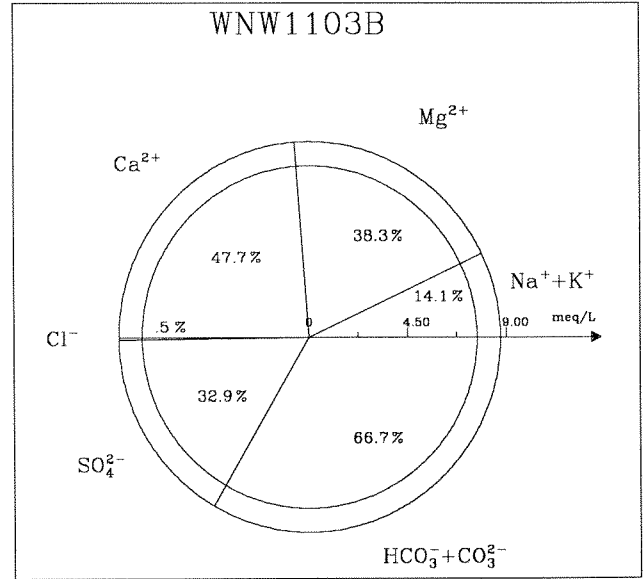
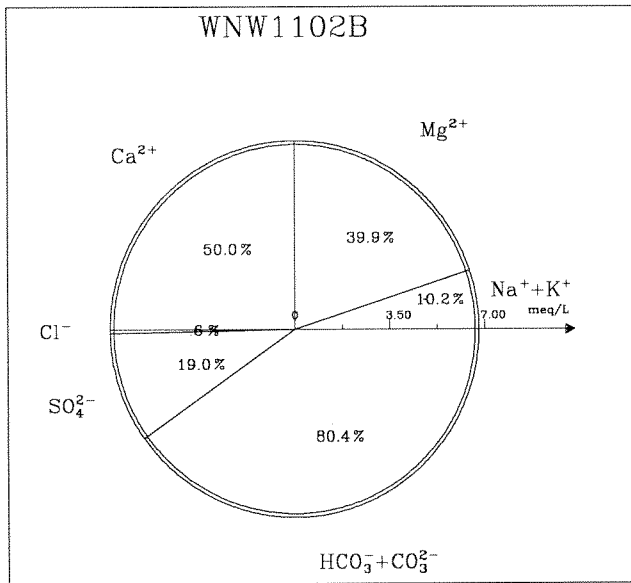


**Figure E - 3 (continued)**  
**1992 Groundwater Quality Plots for the Unweathered**  
**Lavery Till Unit Wells**



**Figure E - 3 (concluded)**

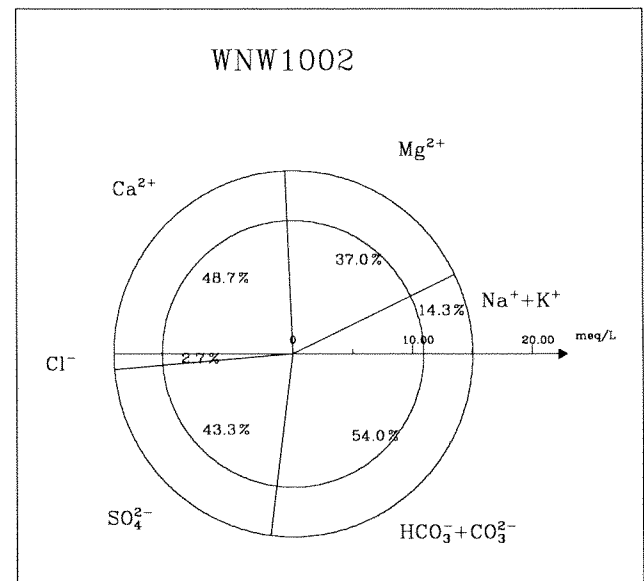
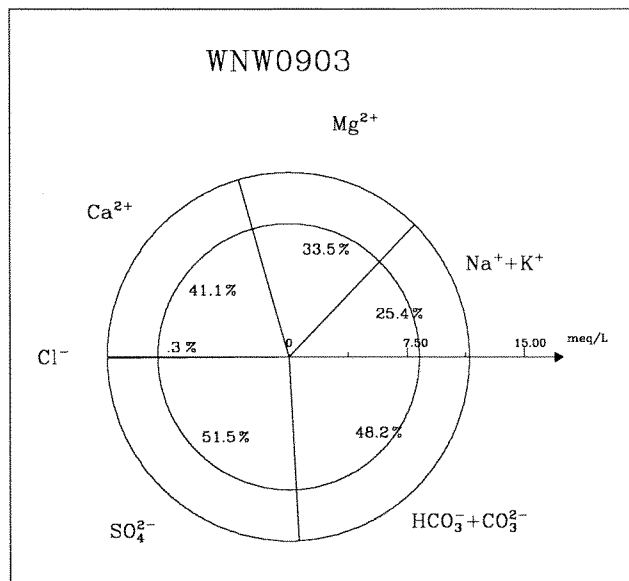
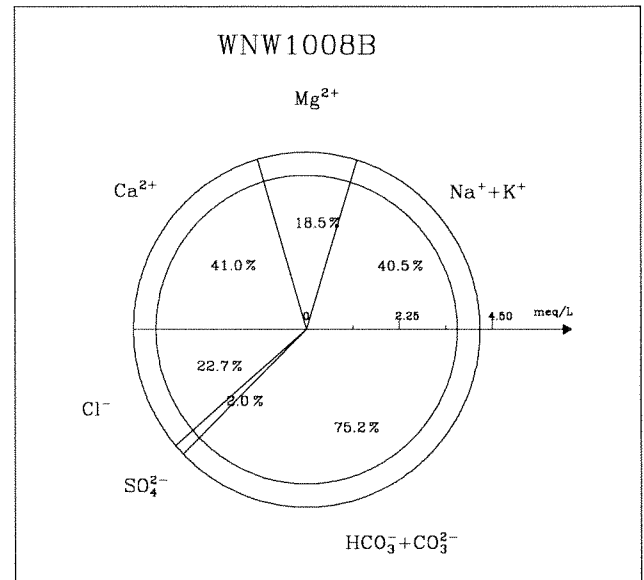
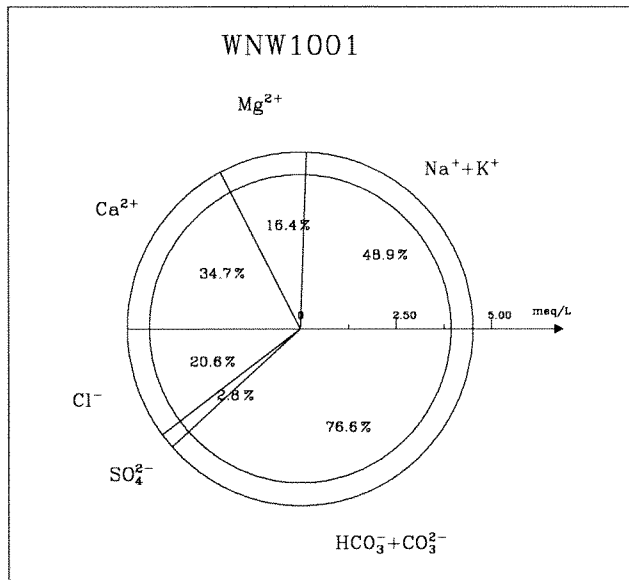
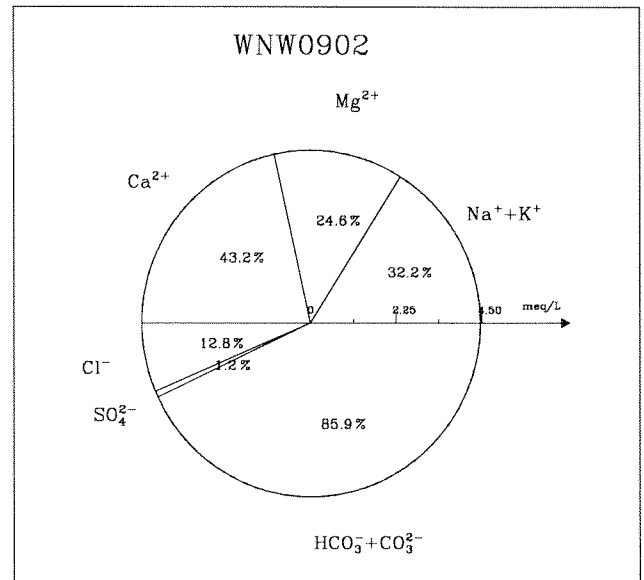
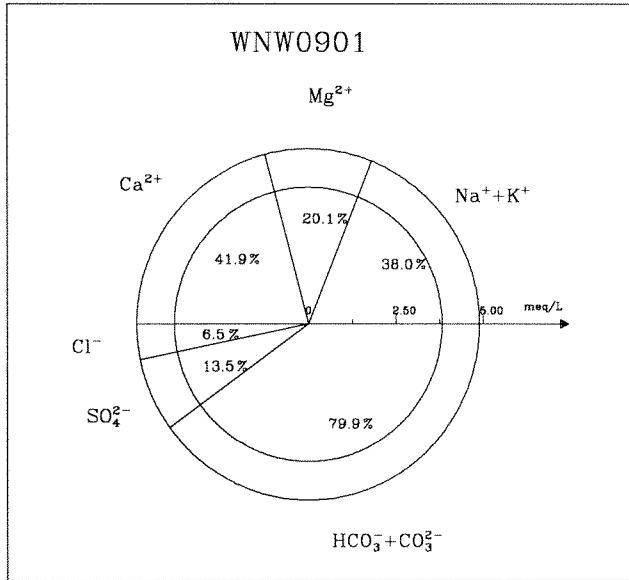
**1992 Groundwater Quality Plots for the Unweathered Lavery Till Unit Wells**





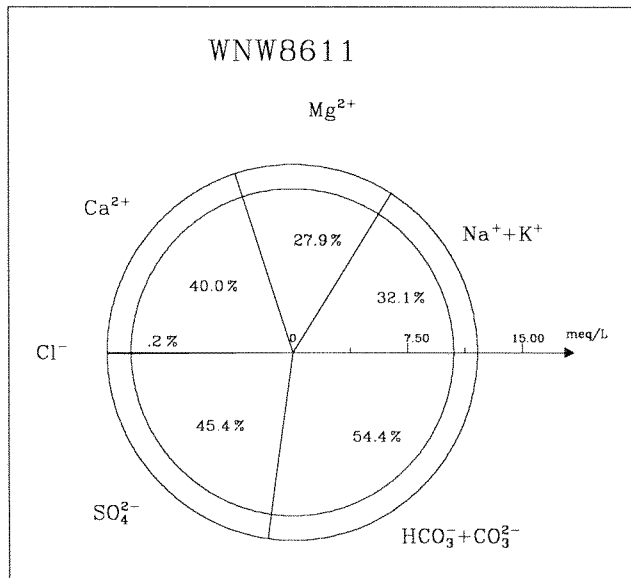
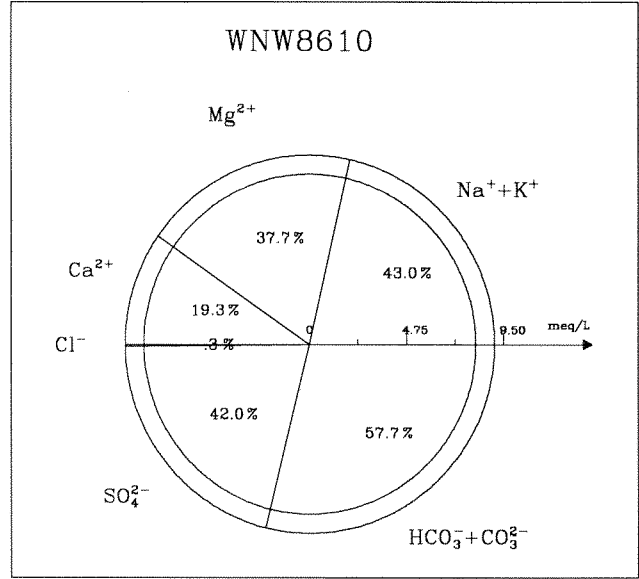
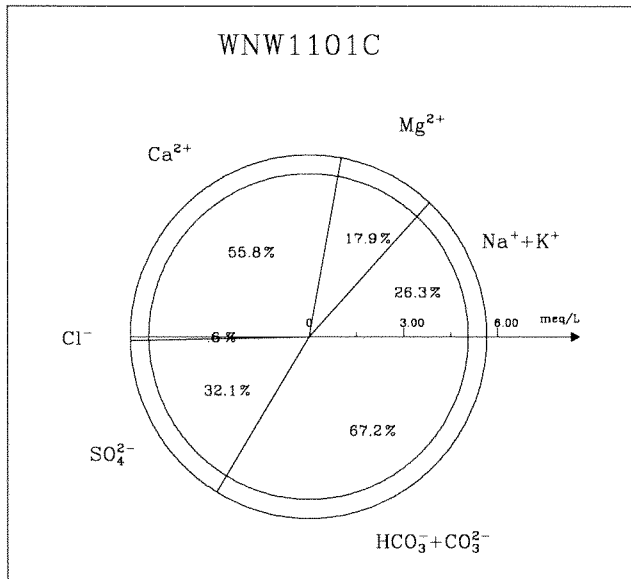
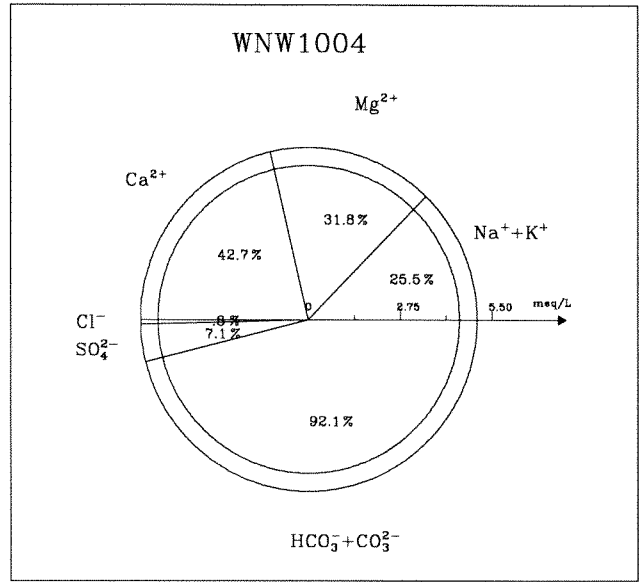
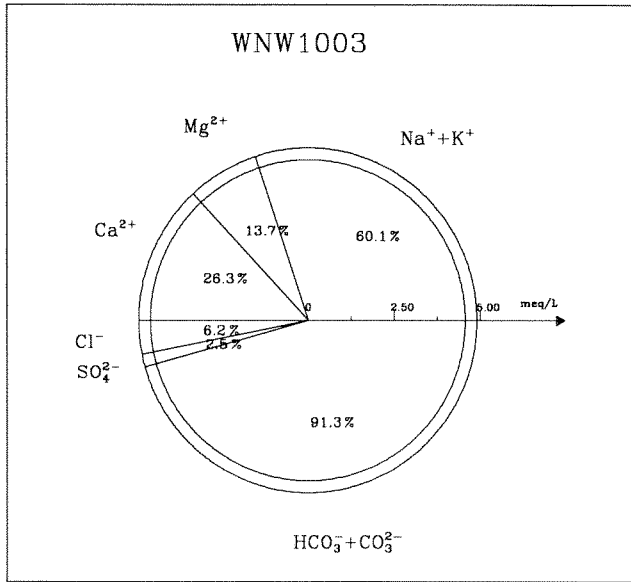
**Figure E - 4**

**1992 Groundwater Quality Plots for the Lacustrine Unit Wells**

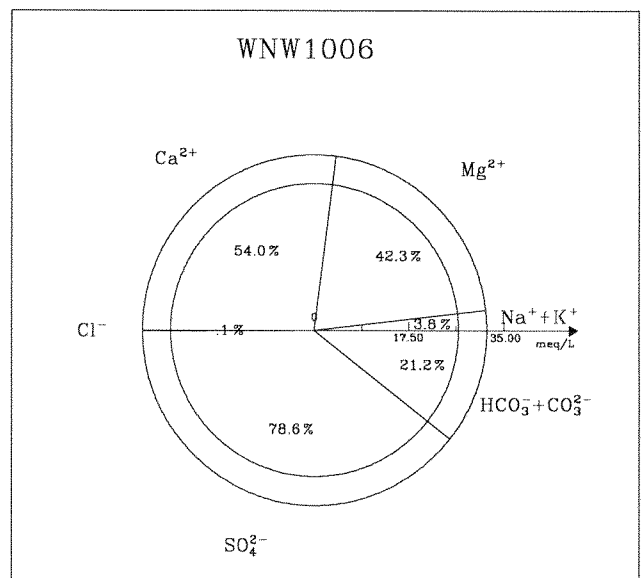
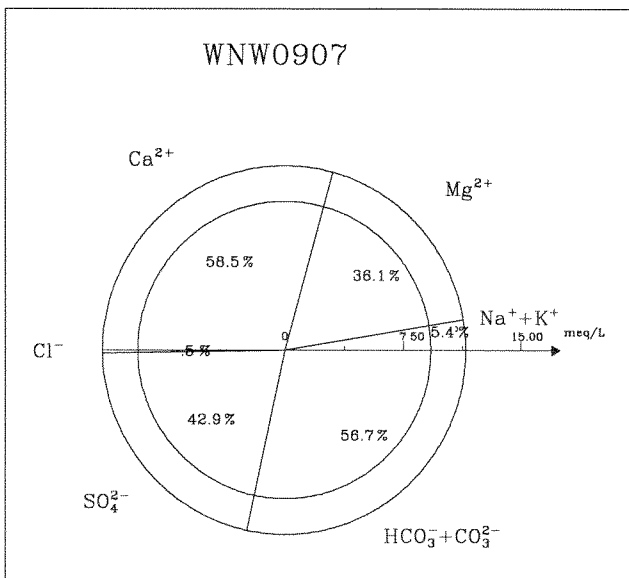
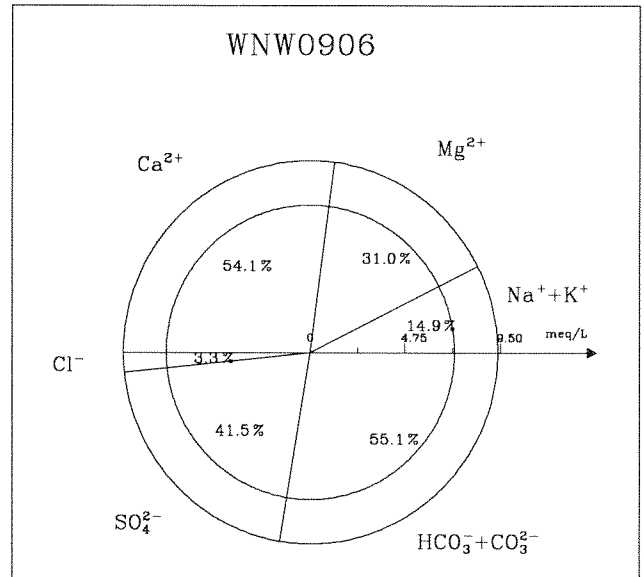
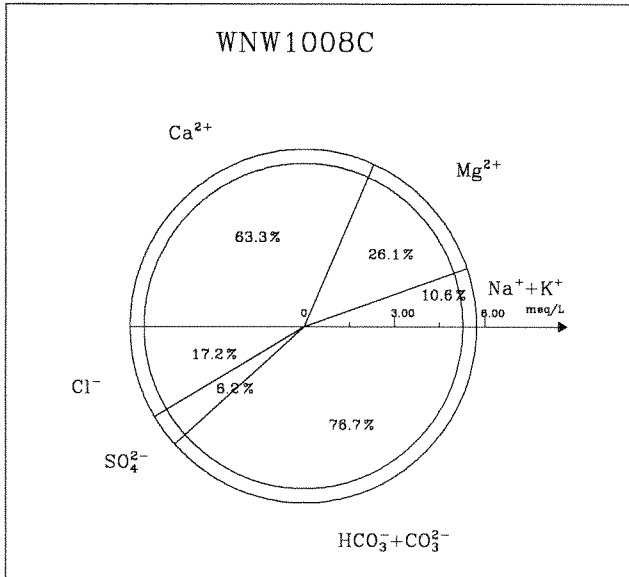
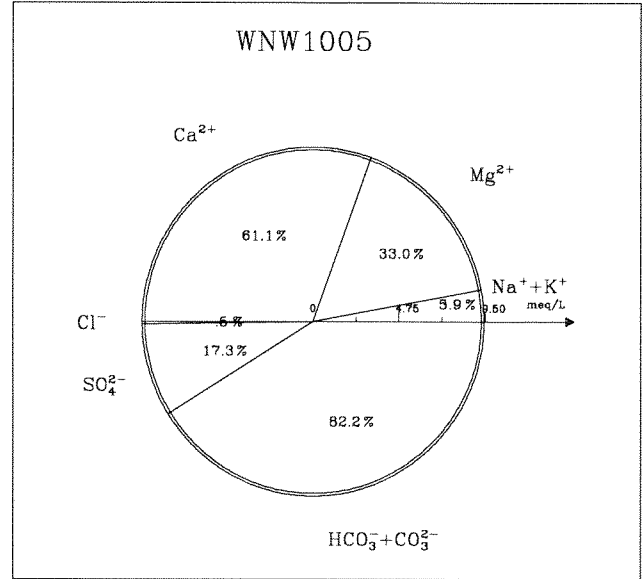
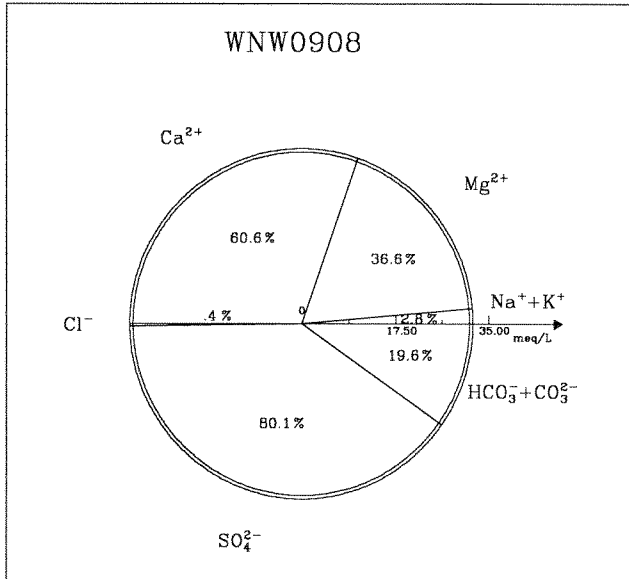


**Figure E - 4 (concluded)**

**1992 Groundwater Quality Plots for the Lacustrine Unit Wells**

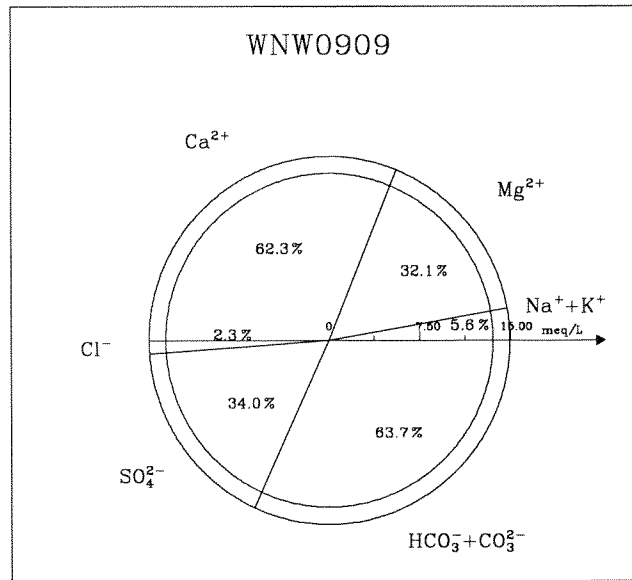
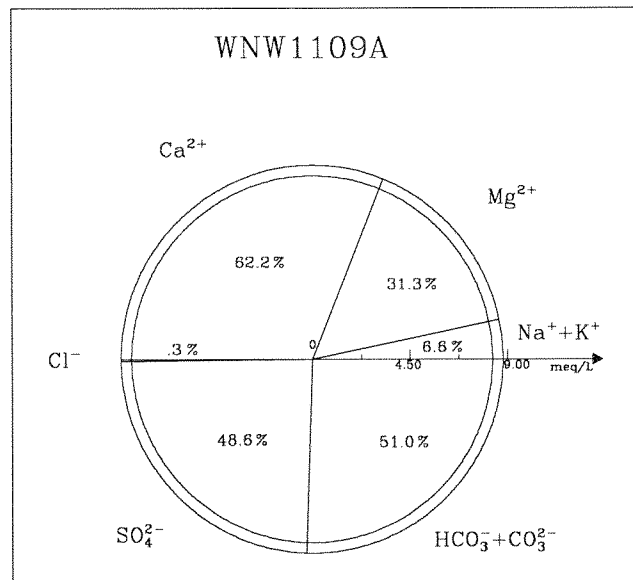
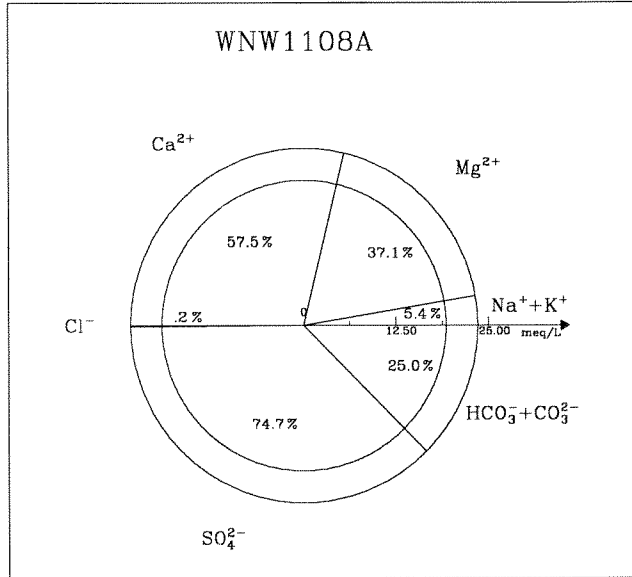
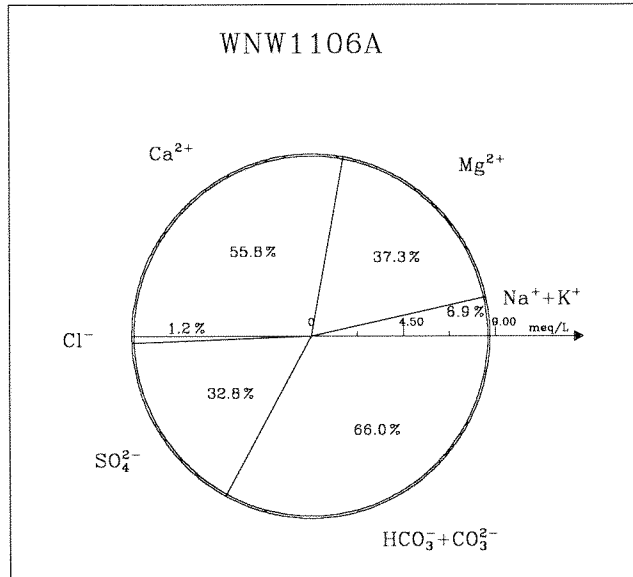
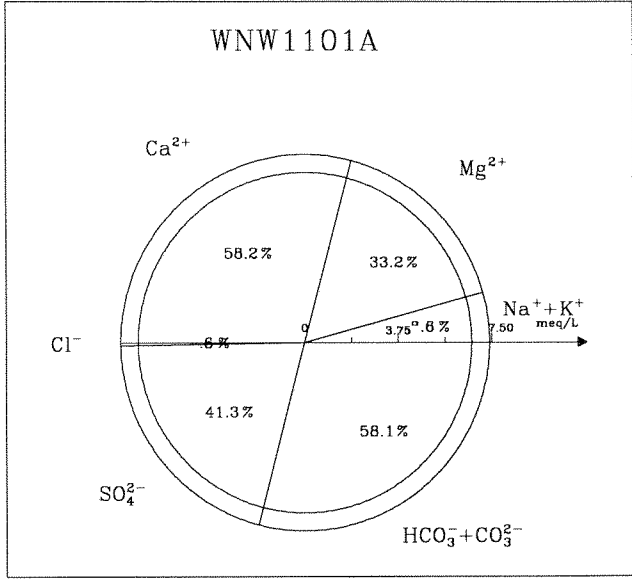
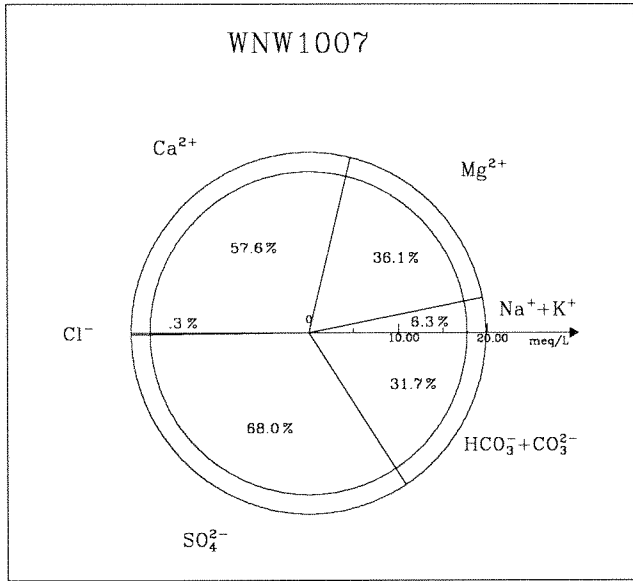


**Figure E - 5**  
**1992 Groundwater Quality Plots for the Weathered**  
**Lavery Till Unit Wells**



**Figure E - 5 (continued)**

**1992 Groundwater Quality Plots for the Weathered Lavery Till Unit Wells**



**Figure E - 5 (concluded)**

**1992 Groundwater Quality Plots for the Weathered Lavery Till Unit Wells**

