

Table 2.7-22aaa Ground Water Quality Data, I and J Pits Area

Well	Date	Temp	Cond	Cond(f)	TDS	DSSUM	pH	pH(F)	Fe	Fe(tr)	HCO3	CO3
81-03A	9/17/1987	10	---	1660	1108	1162	---	8.72	<0.02	0.05	595	4
(3rd SS)	3/14/1988	9	---	1710	1198	3274	---	7.9	<0.02	0.02	597	20
	6/13/1988	10.5	---	1920	1274	---	---	8.5	<0.02	0.02	---	---
	9/15/1988	12	---	1850	1262	1347	8.3	8.6	<0.02	0.08	629	0
	12/5/1988	10	---	1990	1290	---	---	8.7	0.03	---	---	---
	3/6/1989	9	---	2400	1282	---	---	8.7	---	---	---	---
	6/14/1989	13	---	2030	1294	---	---	8.8	---	---	---	---
	9/12/1989	12	---	1980	1280	1326	8.6	8.5	0.02	---	498	28
	12/21/1989	11	---	2300	1328	---	---	8.7	---	---	---	---
	3/29/1990	11	---	2400	1324	---	---	8.7	---	---	---	---
	6/28/1990	12.5	---	2040	1350	---	---	8.8	---	---	---	---
	10/9/1990	11	---	2300	1326	1340	8.5	8.8	<0.02	0.04	530	27
	12/15/1990	11	---	2060	---	---	---	8.3	---	---	---	---
	3/26/1991	10	---	2030	1020	---	---	8.6	---	---	---	---
	7/17/1991	13	---	2030	---	---	---	8.5	---	---	---	---
	9/12/1991	8.5	---	2250	1296	1190	9	8.47	0.06	0.26	472	76
	6/5/1992	11.4	---	2030	1334	---	---	8.68	---	---	---	---
	9/14/1992	10.8	---	2050	1274	1213	---	8.72	0.02	0.04	496	40
	12/18/1992	11.5	---	2030	1324	---	---	8.7	---	---	---	---
	6/8/1993	10	1720	1980	1264	---	8.8	7.8	---	---	---	---
	8/25/1993	13	2300	1948	1258	1168	8.6	8.5	0.02	0.06	486	60
	5/31/1994	11	2090	1969	1310	---	8.55	8.5	---	---	---	---
	8/17/1994	12	2020	2020	1340	1311	8.66	9.6	<0.02	0.07	610	24
	5/23/1995	13	2040	2160	1340	---	8.73	8.8	---	---	---	---
	8/15/1995	14	2020	2020	1300	1274	9.17	8.9	<0.02	0.02	550	50
	6/12/1996	9	2020	1952	1340	---	8.65	9.2	---	---	---	---
	8/27/1996	14	2060	1990	1430	966	8.59	8.6	<0.02	<0.02	620	12
	6/18/1997	12.3	1990	2030	1340	---	8.5	8.53	---	---	---	---
	10/7/1997	12	1880	1890	1230	1282	8.6	8.4	0.02	0.03	525	36
	6/9/1998	13	2090	2000	1310	---	8.5	9	---	---	---	---
	9/16/1998	13	2050	1730	1340	1325	8.6	8.7	0.03	0.04	521	34
	6/8/1999	16	2110	2080	1350	---	8.5	8.8	---	---	---	---
	10/6/1999	13	2070	2030	1360	1350	8.5	9.3	0.04	0.03	520	16
	6/14/2000	16	2020	2220	1360	---	8.7	8.9	---	---	---	---
	10/4/2000	8.9	1810	2100	1340	1360	8.5	14	0.03	0.03	505	24
	6/6/2001	12	2040	2220	1370	---	8.6	8.5	---	---	---	---
	10/2/2001	11	1890	3030	1370	1230	8.4	9.1	0.03	0.03	529	22
	5/22/2002	12	2090	1940	1380	---	8.8	8.6	---	---	---	---
	9/30/2002	11	2210	1280	1340	1370	8.5	8.7	0.04	0.06	519	33
	6/10/2003	14.9	2080	1830	1380	---	8.7	8.6	---	---	---	---
	9/16/2003	13.9	2100	1890	1380	1340	8.7	8.75	0.02	0.07	492	41
	5/26/2004	9.8	1980	1720	1390	---	8.6	8.42	---	---	---	---
	9/15/2004	15.3	1990	2020	1400	1450	7.7	8.87	0.02	0.05	589	<2
	6/8/2005	12.6	1950	2120	1400	---	8.8	9.71	---	---	---	---
	9/21/2005	13.2	2280	2100	1320	1400	8.8	8.56	0.03	0.04	504	53
	6/15/2006	12.8	2010	2090	1350	---	8.6	8.82	---	---	---	---
	9/29/2020	12.4	2140	2140	1420	1400	8.8	8.54	<0.06	0.12	521	82
	6/24/2021	12.7	2140	2110	1420	---	8.8	8.53	---	---	---	---
	9/28/2021	12.9	2360	2080	1410	1420	8.9	8.57	<0.06	0.07	502	77

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Well	Date	Temp	Cond	Cond(f)	TDS	DSSUM	pH	pH(F)	Fe	Fe(tr)	HCO3	CO3
CY-1 (1st SS)	9/28/2020	12.4	1250	1240	922	879	8.2	7.42	< 0.06	21.8	373	< 2
	6/24/2021	12.6	1140	1210	806	---	8.2	7.38	---	---	---	---
	9/28/2021	11.9	1230	1110	798	774	8.3	7.28	<0.06	1	325	12
CY-2 (2nd SS)	9/29/2020	12.3	1110	1120	740	728	8.1	7.28	0.21	1.31	361	< 2
	6/24/2021	12.4	1110	1110	714	---	8.2	7.58	---	---	---	---
	9/28/2021	12.8	1180	1080	718	704	8.4	7.56	<0.06	0.66	320	14
CY-3 (3rd SS)	9/29/2020	12.6	1210	1190	784	752	8.7	9.01	0.06	2.95	468	55
	6/24/2021	12.7	1220	1200	746	---	9.1	8.98	---	---	---	---
	9/28/2021	12.9	1300	1180	736	740	9.1	8.86	<0.06	0.09	394	88
CY-A (QAL)	9/28/2020	12.3	2630	2660	2370	2230	8.1	7.36	< 0.12	0.68	434	< 2
	6/24/2021	12.4	2730	2530	2440	---	8.1	7.34	---	---	---	---
	9/28/2021	12.1	2950	2480	2400	2210	8.2	7.38	<0.06	1.48	458	<2
GE-3 (2nd & 3rd SS)	2/4/1976	---	---	1300	898	---	---	8.9	2.3	---	586	0
	2/4/1976	---	---	---	---	---	---	---	1.6	---	---	---
	4/28/1976	8	---	1310	896	---	---	---	10	---	576	---
	4/28/1976	---	---	---	826	---	---	---	5.7	---	---	---
	5/14/1976	10	---	---	---	---	---	---	---	---	---	---
	6/21/1976	9	---	---	---	---	---	---	---	---	---	---
	7/21/1976	11	---	1460	912	922	---	8.95	2.6	---	542	---
	7/21/1976	---	---	---	900	924	---	---	3.8	---	---	---
	8/17/1976	---	---	---	943	---	---	---	---	---	---	---
	9/9/1976	11.5	---	---	953	---	---	---	---	---	---	---
	10/15/1976	11.5	---	1500	954	984	---	8.75	1.6	---	595	---
	11/10/1976	---	---	---	975	---	---	---	---	---	---	---
	12/14/1976	10	---	---	951	---	---	---	---	---	---	---
	1/12/1977	8	---	1490	866	939	---	7.7	0.03	---	588	---
	2/15/1977	9	---	1440	978	---	---	8.85	---	---	---	---
	3/22/1977	8.5	---	1425	947	---	---	8.8	---	---	---	---
	4/28/1977	10	---	1460	---	---	---	8.2	4.6	---	522	---
	10/26/1977	9.5	---	1430	894	---	---	8.6	11	---	542	---
	5/19/1978	10.5	---	825	---	---	---	---	---	---	---	---
	5/20/1978	---	---	---	829	---	---	---	---	14.7	---	---
	10/27/1978	10	---	1200	770	---	---	7.45	---	8.46	---	---
	10/24/1979	---	---	875	519	---	---	7.3	---	15.4	---	---
	4/28/1980	---	---	---	---	---	---	8.65	---	---	---	---
	7/14/1980	13	---	---	700	---	---	7.5	---	31	---	---
	11/10/1980	10.5	---	---	428	320	---	6.65	26.2	28.8	148	---
	12/14/1981	8.5	---	780	440	---	---	6.8	0.12	39	---	---
	6/25/1982	10	---	725	---	---	---	7	---	21.1	---	---
	12/30/1982	7.5	---	660	470	421	---	6.75	< 0.01	8.78	330	---
	3/30/1983	10	---	600	---	---	---	6.8	< 0.01	---	---	---
	5/24/1983	10	---	560	---	---	---	7.55	---	3.48	---	---
	9/15/1983	10	---	550	370	322	---	6.95	0.12	5.2	240	---
	12/6/1983	6	---	620	---	---	---	6.8	0.02	6.3	---	---
	3/14/1984	4	---	600	---	---	---	7.5	0.11	3.98	---	---
	6/28/1984	7	---	510	---	---	---	7.6	< 0.02	22.2	---	---
	8/17/1984	8	---	525	300	293	---	7.5	0.2	12.9	229	---
	12/19/1984	6	---	540	---	---	---	7.5	3.83	16.3	---	---
	3/29/1985	5	---	510	---	---	---	7.6	0.09	55	---	---
	6/25/1985	8	---	510	---	---	---	7.75	< 0.02	19.3	---	---

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Well	Date	Temp	Cond	Cond(f)	TDS	DSSUM	pH	pH(F)	Fe	Fe(tr)	HCO3	CO3
GE-3 (2nd & 3rd SS)	9/18/1985	13.7	---	820	559	567	---	8.3	< 0.02	2.97	396	---
	12/5/1985	6.5	---	650	---	---	---	7.3	< 0.02	5.69	---	---
	3/21/1986	10	---	490	---	---	---	7.45	< 0.02	---	---	---
	6/25/1986	13	---	850	---	---	---	8	< 0.02	---	---	---
	9/11/1986	12.6	718	830	458	462	7.8	8.31	< 0.02	2.4	305	0
	11/6/1986	10	---	790	---	---	---	7.85	< 0.02	---	---	---
	3/26/1987	9	---	610	---	---	---	7.8	0.14	---	---	---
	5/19/1987	12	---	650	---	---	---	7.71	0.1	---	---	---
	6/11/1987	---	---	---	---	---	---	---	0.03	---	---	---
	9/8/1987	15.4	---	1000	654	702	---	8.39	0.22	0.28	441	32
	12/17/1987	7.5	---	650	---	---	---	7.8	0.19	---	---	---
	3/21/1988	10.5	---	530	406	---	---	7.9	0.03	---	---	---
	6/22/1988	11	---	770	454	---	---	7.9	0.17	---	---	---
	9/22/1988	9.8	---	1090	262	278	7.7	7.2	0.13	3.75	251	0
	12/9/1988	9	---	550	316	---	---	7.1	0.27	---	---	---
	3/17/1989	9	---	620	370	---	---	7.7	---	---	---	---
	6/26/1989	11	---	830	464	---	---	8.7	---	---	---	---
	9/11/1989	13.8	---	912	564	556	9.4	7.52	0.09	---	334	24
	12/18/1989	9	---	1040	678	---	---	8.9	---	---	---	---
	3/23/1990	10	---	740	386	---	---	7.5	---	---	---	---
	6/27/1990	10	---	1190	398	---	---	7	---	---	---	---
	9/20/1990	11	---	502	270	252	8.1	7.5	0.33	1.77	227	0
	12/6/1990	10	---	970	---	---	---	7.2	---	---	---	---
	3/28/1991	10	---	700	350	---	---	8.1	---	---	---	---
	6/26/1991	11	---	680	---	---	---	---	---	---	---	---
	9/10/1991	13	---	910	678	639	9	8.5	1.34	3.59	346	32
	12/2/1991	4.7	---	520	290	---	---	7.67	---	---	---	---
	3/23/1992	9	---	830	434	---	---	8.52	---	---	---	---
	6/16/1992	10.7	---	690	396	---	---	7.87	---	---	---	---
	9/14/1992	13.1	---	770	480	502	---	8.3	< 0.02	7.77	304	28
	12/21/1992	12.4	---	480	250	---	---	7.4	---	---	---	---
	3/19/1993	8	468	607	262	---	7.8	6.8	---	---	---	---
	6/4/1993	10	587	463	282	---	7.8	7.2	---	---	---	---
	8/24/1993	11	762	450	448	370	7.9	7.2	0.05	0.05	214	0
	10/13/1993	11	481	481	240	---	7.6	7.3	---	---	---	---
	3/8/1994	6	471	475	256	---	8	7	---	---	---	---
	5/31/1994	13	510	528	290	---	7.39	7	---	---	---	---
	8/15/1994	12.5	890	850	560	541	8.69	8.85	< 0.02	2.12	410	15
	10/11/1994	10	500	480	260	---	7.78	7.8	---	---	---	---
	3/9/1995	9	490	526	280	---	7.67	7.4	---	---	---	---
	5/23/1995	10	480	494	300	---	7.71	7.8	---	---	---	---
	8/14/1995	11.5	820	300	540	470	8.82	7.3	< 0.02	0.97	340	24
	3/18/1996	10	497	540	300	---	7.63	8.1	---	---	---	---
	6/11/1996	12	490	503	300	---	7.65	7.7	---	---	---	---
	8/26/1996	12	1090	920	730	582	8.86	7.86	< 0.02	5.08	450	20
	10/22/1996	9	490	355	280	---	7.59	8	---	---	---	---
	3/18/1997	13	490	355	---	---	7.38	7.4	---	---	---	---
	6/18/1997	13.1	471	566	280	---	7.6	7.05	---	---	---	---
	9/30/1997	11.8	698	740	400	415	8.1	7.89	0.08	4.58	290	< 2
	5/26/1998	12.2	855	870	510	---	8.5	8.4	---	---	---	---
	9/8/1998	12.7	1180	1230	740	781	8.8	8.9	0.04	0.53	377	63
	6/2/1999	13.2	1160	1220	720	---	8.9	8.24	---	---	---	---
	9/14/1999	12.7	1240	1250	750	755	8.9	8.9	0.02	2.65	387	65
	5/31/2000	13.8	1170	1240	720	---	8.9	8.9	---	---	---	---
	9/18/2000	12.6	1180	1230	760	789	8.9	8.61	0.07	15.6	403	60

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Well	Date	Temp	Cond	Cond(f)	TDS	DSSUM	pH	pH(F)	Fe	Fe(tr)	HCO3	CO3
GE-3	6/7/2001	13.6	1180	1220	730	---	9.1	8.86	---	---	---	---
(2nd & 3rd SS)	10/1/2001	12.9	1120	1230	730	763	8.9	8.91	0.04	0.26	388	60
	6/5/2002	12.9	1120	1360	710	---	8.9	7.71	---	---	---	---
	9/3/2002	12.9	1180	1180	770	766	8.8	8.48	0.02	0.21	387	60
	6/3/2003	10.8	1150	1090	710	---	9	8.86	---	---	---	---
	9/9/2003	12.2	920	870	550	583	8.9	8.83	<0.01	0.22	328	41
	5/24/2004	12.1	958	1070	760	---	9	8.82	---	---	---	---
	9/13/2004	13.9	1040	1180	720	759	8.9	9.32	<0.01	0.06	355	62
	6/6/2005	10.6	1040	1070	650	---	9	8.6	---	---	---	---
	9/19/2005	11.3	1080	1260	730	777	9.2	8.65	<0.02	0.19	361	95
	6/7/2006	13.4	1230	1210	740	---	9.1	8.9	---	---	---	---
GLUX-1	9/23/1988	11.4	---	800	550	---	7.8	7.18	0.14	1.59	336	0
(1st SS)	9/23/1988	11.4	---	800	550	---	7.8	7.18	0.14	1.59	336	0
	12/12/1988	10	788	825	510	---	7.9	7.4	0.05	1.79	402	0
	12/12/1988	10	788	825	510	---	7.9	7.4	0.05	1.79	402	0
	2/27/1989	9.5	---	910	---	---	---	---	---	---	---	---
	3/20/1989	10	---	850	454	---	7.8	7.8	0.04	0.5	325	0
	6/22/1989	11	---	825	514	---	7.5	7.8	<0.02	0.47	295	0
	9/11/1989	13.8	---	962	488	---	7.9	7.28	0.02	2.8	378	0
	12/22/1989	11	---	820	516	---	8.1	7.6	0.24	0.25	332	0
	3/23/1990	10.5	---	1030	516	---	8.1	7.4	0.02	0.45	322	0
	6/28/1990	11	---	820	506	---	8.3	7.9	<0.02	0.33	335	0
	9/18/1990	11.1	---	826	542	486	8.7	---	<0.02	7.08	285	37
	12/10/1990	10.5	---	880	---	---	---	8	---	---	---	---
	3/27/1991	10	---	850	482	---	8.4	7.8	<0.02	0.55	304	12
	6/27/1991	11	---	840	498	---	7.7	7.8	<0.02	2.15	310	0
	9/11/1991	12.2	---	770	516	510	8.4	7.6	1.64	10.4	326	8
	12/4/1991	8.8	---	850	522	---	---	8.23	0.18	1.41	220	0
	3/23/1992	8	---	860	514	---	---	7.84	<0.02	2.19	208	0
	6/12/1992	12.5	---	780	458	---	---	7.84	<0.02	0.89	302	16
	9/14/1992	12.9	---	720	480	389	---	7.6	0.02	0.44	340	32
	12/21/1992	11.7	---	827	476	---	---	7.9	<0.02	0.11	322	0
	3/18/1993	11	829	820	494	---	8.4	7.1	<0.02	0.18	332	48
	6/7/1993	9	686	816	456	---	8.1	7.5	0.11	0.13	318	0
	8/24/1993	11	898	600	506	469	8.1	7.2	<0.02	0.03	296	36
	10/13/1993	12	838	817	470	---	8	7.8	<0.02	0.37	338	338
	3/8/1994	10	828	820	484	---	8.3	7.3	<0.02	0.1	330	8
	5/31/1994	12	860	810	---	---	8.14	7.7	0.16	0.16	400	<1
	8/15/1994	11.8	820	530	530	495	8	7.76	<0.02	0.36	390	0
	10/11/1994	12	870	814	500	---	8.03	7.7	<0.02	0.16	390	<1
	3/9/1995	8	850	853	510	---	8.06	7.5	<0.02	0.2	380	0
	5/23/1995	10	840	843	520	---	7.96	7.9	0.12	0.22	370	<1
	8/14/1995	14	830	400	530	465	8.48	7.12	<0.02	0.08	350	7
	10/17/1995	10	840	878	510	---	8.42	8	<0.02	0.17	177	6
	3/18/1996	9	832	876	504	---	7.98	8	<0.02	0.13	376	<1
	6/18/1996	14	820	813	520	---	7.73	8.3	<0.02	0.15	370	<1
	8/27/1996	11.7	810	590	500	467	8.01	7.62	<0.02	0.02	340	<1
	10/15/1996	12	838	944	520	---	7.86	7.9	<0.02	0.27	384	<1
	3/18/1997	13	840	526	520	---	7.74	7.6	<0.02	0.17	370	<1
	6/18/1997	12	810	819	500	---	7.8	7.87	0.01	0.09	316	<2
	9/30/1997	12.3	810	750	480	471	7.9	6.74	0.04	0.23	320	<2
	5/27/1998	12.4	843	870	500	---	8.1	7.73	<0.01	0.25	328	2
	9/8/1998	13.4	816	840	500	502	7.8	8.12	0.06	0.42	319	<2
	6/2/1999	13.8	834	810	500	---	7.9	7.64	<0.01	0.22	316	<2

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Table 2.7-22aaa Ground Water Quality Data, I and J Pits Area

Well	Date	Temp	Cond	Cond(f)	TDS	DSSUM	pH	pH(F)	Fe	Fe(tr)	HCO ₃	CO ₃
GLUX-1 (1st SS)	9/14/1999	13.1	845	870	480	501	8.1	7.91	0.05	0.19	328	<2
	5/31/2000	14.5	804	870	460	---	8	7.8	0.09	0.38	324	<2
	9/18/2000	14.4	812	850	500	504	8	7.45	0.01	0.31	325	<2
	6/7/2001	14.3	777	840	500	---	7.1	7.82	0.01	0.16	53	<2
	10/1/2001	12.7	769	830	490	505	8	7.95	0.02	0.08	324	<2
	6/5/2002	13	773	830	500	---	8	8.01	0.02	0.04	260	<2
	9/3/2002	13.2	819	840	530	500	7.8	7.96	<0.01	0.07	319	<2
	6/3/2003	12.2	726	760	480	---	8	7.51	<0.01	0.11	328	<2
	9/9/2003	14.5	810	780	470	494	8	7.9	0.01	0.39	328	<2
	5/26/2004	10.9	744	740	500	---	7.9	7.37	0.02	0.09	332	<2
	9/13/2004	13.5	694	790	510	492	7.7	8.01	<0.01	0.05	331	<2
	6/6/2005	13.1	787	790	480	---	8.3	7.87	0.02	0.76	313	5
	9/19/2005	14	771	830	470	480	8.3	7.72	<0.02	0.11	316	7
	6/7/2006	17.2	749	790	480	---	8.3	7.71	<0.02	0.08	336	7

Table 2.7-22aaa Ground Water Quality Data, I and J Pits Area

Well	Date	BALNC	SAR	Cl	SO4	Na	K	Ca	Mg	Al	As
81-03A	9/17/1987	-0.4	198.97	30	399	429	1	2	1	0.11	<0.001
(3rd SS)	3/14/1988	-3	199.9	33	432	431	2	2	<1	<0.05	<0.001
	9/15/1988	1.8	86	35	488	510	1	<1	<1	<0.05	<0.001
	9/12/1989	6.1	75.98	26	508	527	1	2	<1	<0.05	<0.001
	10/9/1990	1.8	85.6	33	523	506	1	<1	<1	<0.05	<0.001
	9/12/1991	1.6	59.3	31	416	464	1	3	<1	0.07	<0.001
	9/14/1992	-0.2	65.78	31	459	451	1	2	1	<0.05	<0.001
	8/25/1993	7.4	226.8	31	370	489	2	2	<1	<0.05	<0.001
	8/17/1994	-10	83.74	44	520	430	<1	2	<1	<0.05	<0.001
	8/15/1995	-7.9	82.4	32	490	423	1	2	<1	<0.05	0.001
	8/27/1996	10.4	83.7	32	180	430	1	2	<1	<0.05	<0.001
	10/7/1997	-0.7	69.6	35	460	484	1.4	2.6	0.7	<0.03	<0.001
	9/16/1998	0.2	73.9	33	490	503	1.6	2.6	0.6	<0.03	<0.001
	10/6/1999	-1.4	64.3	32	500	482	1.4	3.1	0.7	<0.03	<0.001
	10/4/2000	-1.4	71	32	510	483	1.3	2.6	0.6	<0.03	<0.001
	10/2/2001	4.1	66.5	33	370	479	1.3	2.7	0.8	<0.03	<0.001
	9/30/2002	-4.8	68.4	33	520	465	1.3	2.6	0.6	<0.03	<0.0005
	9/16/2003	-4.2	62.2	32	510	459	1.8	2.9	0.8	0.07	<0.0001
	9/15/2004	0.8	76.7	34	520	541	1.6	2.7	0.7	<0.03	<0.0005
	9/21/2005	-1.6	70.2	32	510	495	1.2	2.7	0.7	<0.03	<0.0005
	9/29/2020	-6.7	71	34	520	471	1.4	2.6	0.5	<0.05	<0.0002
	9/28/2021	-4.3	72	30	535	497	1.3	2.7	0.6	<0.05	<0.0002
CY-1	9/28/2020	-3.2	1.2	11	380	63.1	3.6	131	61	<0.05	0.0015
(1st SS)	9/28/2021	-3.7	1.2	7	329	60.7	3.1	116	49.6	<0.05	0.003
CY-2	9/29/2020	-4	2.8	15	260	115	3.2	78.1	33.3	<0.05	0.0003
(2nd SS)	9/28/2021	0	3.3	13	251	130	3.1	71.2	28.6	<0.05	0.0028
CY-3	9/29/2020	-7.7	62	16	140	274	0.8	1.5	<0.2	<0.05	<0.004
(3rd SS)	9/28/2021	0	75	13	146	285	0.8	1.1	<0.2	<0.05	0.0009
CY-A	9/28/2020	-2.7	1.5	43	1340	136	5	201	241	<0.1	<0.0004
(QAL)	9/28/2021	0	1.7	41	1290	152	4.8	202	243	<0.05	<0.0004
GE-3	2/4/1976	---	---	15	---	385	1.5	4	1.5	0.02	0.02
(2nd &	2/4/1976	---	---	---	---	---	---	---	---	1.8	0.001
3rd SS)	4/28/1976	---	---	10	211	365	---	5.3	1.8	3.6	<0.01
	4/28/1976	---	---	13	216	350	---	5.7	1.9	1.6	0.02
	7/21/1976	7.6	42.68	14	250	380	1.4	4.2	1.1	0.03	<0.01
	7/21/1976	6.4	41.43	18	253	375	---	4.4	---	0.01	0.01
	10/15/1976	9.3	41.99	13	250	415	1.5	5.1	1.4	0.02	<0.01
	1/12/1977	1.1	40.79	26	253	360	1.2	3.6	1.4	0.42	0.02
	4/28/1977	---	---	---	261	---	---	---	---	---	<0.01
	10/26/1977	---	---	---	235	---	---	---	---	---	0.06
	5/20/1978	---	---	---	210	---	---	---	---	---	---
	10/27/1978	---	---	---	278	---	---	---	---	---	---
	10/24/1979	---	---	---	138	---	---	---	---	---	---
	4/28/1980	---	---	---	---	---	2.1	---	---	---	---

2-520mmmm

Table 2.7-22aaa Ground Water Quality Data, I and J Pits Area

Well	Date	BALNC	SAR	Cl	SO4	Na	K	Ca	Mg	Al	As
GE-3	4/28/1980	---	---	---	---	---	2.2	---	---	---	---
(2nd &	7/14/1980	---	---	---	125	---	---	---	---	---	---
3rd SS)	11/10/1980	22	1.06	9	101	41	2	62	31	4.4	---
	12/14/1981	---	---	---	180	---	---	---	---	0.08	0.002
	12/30/1982	-0.3	0.9	16	100	38	1.9	63	37	0.06	<0.001
	9/15/1983	5.8	0.7	6	82	26	1.6	53	33	---	<0.002
	8/17/1984	7.1	0.57	5	68	21	1.1	51	32	---	<0.002
	9/18/1985	0.8	5.69	11	148	160	1	30	19	<0.05	<0.001
	9/11/1986	2.7	0.99	10	146	42	1	65	45	<0.05	0.001
	9/8/1987	8.9	30.84	14	146	299	1	4	2	<0.05	<0.001
	9/22/1988	5.2	0.47	5	48	17	1	49	32	0.04	<0.001
	9/11/1989	7.6	10.32	9	132	211	<1	16	10	<0.05	<0.001
	9/20/1990	9.1	0.45	5	37	16	1	51	28	0.05	<0.001
	9/10/1991	2.6	14.11	16	177	237	2	12	6	3.91	<0.001
	9/14/1992	-0.4	7.02	12	132	159	1	20	12	<0.05	0.001
	8/24/1993	4.5	2.41	11	119	74	1	35	23	<0.05	0.001
	8/15/1994	-9.2	7.73	13	130	160	<1	16	10	<0.05	<0.001
	8/14/1995	-5.9	5.1	12	100	126	<1	23	14	<0.05	<0.001
	8/26/1996	-0.3	16.43	15	90	220	1	7	4	0.23	0.002
	3/18/1997	---	---	---	280	---	---	---	---	---	---
	9/30/1997	2.6	3.26	11	70	99.6	1	36.1	22	0.03	---
	9/8/1998	1.9	38.8	18	170	298	0.8	2.6	1.2	0.04	<0.001
	9/14/1999	3.9	34.1	15	140	295	1	3.7	1.2	<0.03	<0.001
	9/18/2000	-2.7	42.1	15	180	286	0.9	2.1	0.9	<0.03	<0.001
	10/1/2001	-1.2	32.4	14	170	279	0.8	3.3	1.5	<0.03	<0.001
	9/3/2002	-0.4	35.1	14	170	283	0.7	2.9	1.3	<0.03	<0.0005
	9/9/2003	-2.5	8.19	13	120	180	0.9	18.2	11.7	<0.03	<0.0001
	9/13/2004	3.5	43.4	14	170	295	1	2.1	0.9	<0.03	<0.0005
	9/19/2005	-2.7	41.3	14	170	277	0.9	2	0.9	<0.03	<0.0005
GLUX-1	9/23/1988	---	---	13	183	---	---	---	---	---	<0.001
(1st SS)	9/23/1988	---	---	13	183	---	---	---	---	---	<0.001
	12/12/1988	---	---	17	111	---	---	---	---	---	<0.001
	12/12/1988	---	---	17	111	---	---	---	---	---	<0.001
	3/20/1989	---	---	15	84	---	---	---	---	---	<0.001
	6/22/1989	---	---	13	103	---	---	---	---	---	0.016
	9/11/1989	---	---	10	119	---	---	---	---	---	<0.001
	12/22/1989	---	---	13	105	---	---	---	---	---	<0.001
	3/23/1990	---	---	13	111	---	---	---	---	---	0.001
	6/28/1990	---	---	12	113	---	---	---	---	---	0.001
	9/18/1990	7.3	6.25	14	103	163	2	28	15	<0.05	<0.001
	3/27/1991	---	---	14	105	---	---	---	---	---	<0.001
	6/27/1991	---	---	---	109	---	---	---	---	---	0.001
	9/11/1991	0.2	6.68	15	136	155	3	22	12	2.97	0.001
	12/4/1991	---	---	20	115	---	---	---	---	---	<0.001
	3/23/1992	---	---	13	82	---	---	---	---	---	<0.001
	6/12/1992	---	---	15	158	---	---	---	---	---	0.001
	9/14/1992	5.2	5.95	13	16	138	2	22	12	<0.05	<0.001
	12/21/1992	---	---	13	101	---	---	---	---	---	<0.001
	3/18/1993	---	---	14	119	---	---	---	---	---	<0.001

Table 2.7-22aaa Ground Water Quality Data, I and J Pits Area

Well	Date	BALNC	SAR	Cl	SO4	Na	K	Ca	Mg	Al	As
GLUX-1	6/7/1993	---	---	13	115	---	---	---	---	---	<0.001
(1st SS)	8/24/1993	2.2	5.85	12	102	147	2	26	14	<0.05	<0.001
	10/13/1993	---	---	13	235	---	---	---	---	---	<0.001
	3/8/1994	---	---	14	80	---	---	---	---	---	<0.001
	5/31/1994	---	---	14	110	---	---	---	---	---	<0.001
	8/15/1994	-7.6	5.25	13	120	130	<1	25	13	<0.05	<0.001
	10/11/1994	---	---	11	110	---	---	---	---	---	0.001
	3/9/1995	---	---	12	110	---	---	---	---	---	0.002
	5/23/1995	---	---	13	98	---	---	---	---	---	0.001
	8/14/1995	-2	4.7	13	100	124	2	30	14	<0.05	0.002
	10/17/1995	---	---	13	110	---	---	---	---	---	<0.001
	3/18/1996	---	---	13	111	---	---	---	---	---	<0.001
	6/18/1996	---	---	14	100	---	---	---	---	---	<0.002
	8/27/1996	0.2	5.01	14	110	130	2	28	14	0.05	<0.001
	10/15/1996	---	---	13	103	---	---	---	---	---	<0.001
	3/18/1997	---	---	13	110	---	---	---	---	---	0.002
	6/18/1997	---	---	14	100	---	---	---	---	---	<0.001
	9/30/1997	1.7	4.94	14	80	133	2.4	30.6	15.6	<0.03	<0.001
	5/27/1998	---	---	17	100	---	---	---	---	---	0.001
	9/8/1998	3.3	4.89	15	100	138	2.5	33.2	17.3	<0.03	<0.001
	6/2/1999	---	---	12	110	---	---	---	---	---	<0.001
	9/14/1999	1.6	4.67	12	100	135	2.6	34.2	17.6	0.04	<0.001
	5/31/2000	---	---	13	110	---	---	---	---	---	<0.001
	9/18/2000	0	4.62	12	110	131	2.5	33.4	17.6	<0.03	<0.001
	6/7/2001	---	---	12	110	---	---	---	---	---	<0.001
	10/1/2001	0	4.59	13	110	131	2.7	34.5	17.4	<0.03	<0.001
	6/5/2002	---	---	13	110	---	---	---	---	---	<0.001
	9/3/2002	0	4.3	13	110	126	2.1	37.4	17.7	<0.03	<0.0005
	6/3/2003	---	---	13	110	---	---	---	---	---	<0.0005
	9/9/2003	-4.5	4.33	13	110	120	2.2	31.7	17	0.03	<0.0001
	5/26/2004	---	---	13	120	---	---	---	---	---	<0.0001
	9/13/2004	-5.1	4.37	13	110	119	2.3	30.8	16.3	<0.03	<0.0005
	6/6/2005	---	---	12	90	---	---	---	---	---	<0.0005
	9/19/2005	-2.9	4.25	12	100	118	2.3	32.4	16.7	<0.03	<0.0005
	6/7/2006	---	---	12	100	---	---	---	---	---	<0.0005

Table 2.7-22aaa Ground Water Quality Data, I and J Pits Area

Well	Date	Ba	B	Cd	Cr	Cu	F	Pb	PO4	P	Mn	Mn(t)
81-03A	9/17/1987	0.02	0.16	<0.005	0.01	<0.01	0.6	<0.02	0.1	0.04	<0.01	<0.01
(3rd SS)	3/14/1988	0.01	0.13	<0.005	<0.01	<0.01	0.4	<0.02	0.2	0.06	<0.01	<0.01
	9/15/1988	0.03	0.18	<0.005	<0.01	<0.01	0.2	<0.02	0.2	0.06	<0.01	0.01
	9/12/1989	0.11	0.18	<0.005	<0.01	0.01	0.3	<0.02	0.2	0.07	<0.01	---
	10/9/1990	0.03	0.19	<0.005	<0.01	<0.01	0.4	<0.02	0.2	0.06	<0.01	<0.01
	9/12/1991	0.03	0.19	<0.005	<0.01	<0.01	0.3	<0.02	0.1	0.04	<0.01	<0.01
	9/14/1992	0.03	0.18	<0.005	<0.01	<0.01	0.4	<0.02	0.2	0.06	<0.01	<0.01
	8/25/1993	0.02	0.16	<0.005	<0.01	<0.01	0.3	<0.02	0.2	0.05	<0.01	<0.01
	8/17/1994	0.02	0.11	0.008	<0.01	<0.01	0.4	<0.05	0.06	---	<0.01	<0.01
	8/15/1995	0.02	0.09	<0.005	<0.01	<0.01	0.3	<0.05	0.06	---	<0.01	<0.01
	8/27/1996	0.16	0.15	<0.005	<0.01	<0.01	0.31	<0.05	0.03	0.03	<0.01	<0.01
	10/7/1997	0.028	0.19	<0.003	<0.01	<0.01	0.3	<0.04	0.18	0.06	<0.005	<0.005
	9/16/1998	0.027	0.19	<0.003	<0.01	<0.01	0.4	0.05	0.18	0.06	<0.005	<0.005
	10/6/1999	0.025	0.19	0.003	<0.01	<0.01	0.3	<0.04	0.22	0.07	0.01	<0.05
	10/4/2000	0.026	0.18	<0.003	<0.01	<0.01	0.7	<0.04	0.16	0.05	<0.005	<0.005
	10/2/2001	0.027	0.2	<0.003	<0.01	<0.01	0.5	<0.04	0.19	0.06	<0.005	<0.005
	9/30/2002	0.023	0.18	<0.0001	<0.01	<0.01	0.4	<0.0001	0.21	0.07	<0.005	0.006
	9/16/2003	0.03	0.19	<0.0001	<0.01	<0.01	0.3	0.0001	0.21	0.07	<0.005	<0.005
	9/15/2004	0.032	0.2	<0.005	<0.01	0.02	0.3	<0.0001	0.18	0.06	<0.005	<0.005
	9/21/2005	0.022	0.17	<0.005	<0.01	<0.01	0.3	<0.0001	0.24	0.08	<0.005	<0.005
	9/29/2020	0.03	0.2	<0.008	<0.01	<0.01	0.3	0.0002	0.22	0.07	<0.01	<0.01
	9/28/2021	0.024	0.19	<0.008	<0.02	<0.01	0.32	<0.0001	0.2	0.06	<0.01	<0.01
CY-1	9/28/2020	0.06	0.06	<0.008	<0.01	<0.01	0.2	<0.0001	0.05	0.02	0.458	0.733
(1st SS)	9/28/2021	0.039	0.07	<0.008	<0.02	<0.01	<0.15	0.0001	0.04	0.01	0.303	0.312
CY-2	9/29/2020	0.037	0.1	<0.008	<0.01	<0.01	0.2	0.0035	0.12	0.04	0.086	0.098
(2nd SS)	9/28/2021	0.026	0.1	<0.008	<0.02	<0.01	0.24	<0.0001	0.1	0.03	0.092	0.098
CY-3	9/29/2020	0.024	0.23	<0.008	<0.01	<0.01	0.7	<0.002	1.27	0.41	<0.01	0.046
(3rd SS)	9/28/2021	0.021	0.22	<0.008	<0.02	<0.01	0.7	<0.0001	1.29	0.42	<0.01	<0.01
							<0.01					
CY-A	9/28/2020	0.028	0.21	<0.016	<0.02	<0.02	0.3	<0.0002	0.45	0.14	1.76	1.72
(QAL)	9/28/2021	0.021	0.21	<0.008	<0.02	<0.01	0.33	<0.0002	0.05	0.02	1.96	2.05
GE-3	2/4/1976	0.039	0.23	<0.001	0.01	0.19	0.6	0.1	---	---	0.04	---
(2nd & 3rd SS)	2/4/1976	---	---	<0.001	---	0.09	---	0.048	---	---	0.048	---
	4/28/1976	---	0.3	0.003	---	0.83	0.55	0.18	---	---	0.21	---
	4/28/1976	---	0.2	---	---	0.44	---	0.36	---	---	0.12	---
	7/21/1976	---	0.2	0.002	---	0.14	0.45	0.04	---	---	0.05	---
	7/21/1976	---	---	---	---	0.26	---	0.05	---	---	0.07	---
	10/15/1976	---	0.4	0.006	---	0.34	0.7	0.04	---	---	0.03	---
	1/12/1977	---	0.3	0.004	---	0.25	1.2	0.04	---	---	<0.002	---
	4/28/1977	<0.5	0.3	0.002	0.01	0.27	0.6	0.04	---	---	0.07	---
	10/26/1977	0.2	0.4	0.004	<0.01	0.62	0.8	0.3	---	---	0.13	---
	5/20/1978	---	---	---	---	---	---	---	---	---	---	0.27
	10/27/1978	---	---	---	---	---	---	---	---	---	---	0.13
	10/24/1979	---	---	---	---	---	---	---	---	---	---	0.14

Table 2.7-22aaa Ground Water Quality Data, I and J Pits Area

Well	Date	Ba	B	Cd	Cr	Cu	F	Pb	PO4	P	Mn	Mn(t)
GE-3	7/14/1980	---	---	---	---	---	---	---	---	---	---	0.57
(2nd & 3rd SS)	11/10/1980	<0.5	<0.1	<0.01	<0.01	0.21	0.5	0.002	---	---	---	0.2
	12/14/1981	0.09	0.19	<0.002	---	0.01	0.4	<0.01	---	---	<0.01	---
	12/30/1982	0.07	0.22	<0.001	---	0	0.3	<0.01	0.03	---	0.03	---
	9/15/1983	<0.2	0.03	0.018	0.03	0.02	0.28	<0.02	<0.02	---	0.02	0.34
	8/17/1984	<0.2	0.1	<0.005	<0.02	<0.02	0.38	<0.02	0.4	---	<0.02	0.75
	9/18/1985	0.03	0.21	<0.005	<0.01	<0.02	0.44	<0.02	0.05	---	<0.01	0.12
	9/11/1986	0.05	0.07	<0.005	<0.01	<0.01	0.3	<0.02	<0.1	<0.02	<0.01	0.27
	9/8/1987	0.02	0.33	<0.005	<0.01	<0.01	0.8	<0.02	0.5	0.16	0.01	0.01
	9/22/1988	0.07	0.03	<0.005	<0.01	<0.01	0.4	<0.02	<0.1	---	---	---
	9/11/1989	0.36	0.24	<0.005	---	---	---	---	---	---	---	---
	9/20/1990	0.1	0.08	<0.005	<0.01	<0.01	0.4	<0.02	0.2	0.06	0.06	---
	9/10/1991	0.06	0.25	<0.005	<0.01	<0.01	0.6	<0.02	0.4	0.12	0.01	0.06
	9/14/1992	0.04	0.2	<0.005	<0.01	<0.01	0.6	<0.02	0.2	0.06	0.01	0.63
	8/24/1993	0.04	0.1	<0.005	<0.01	<0.01	0.5	<0.02	<0.1	<0.01	0.03	0.04
	8/15/1994	0.04	0.14	0.017	<0.01	0.01	0.6	<0.05	0.08	---	0.01	0.04
	8/14/1995	0.04	0.2	<0.005	<0.01	<0.01	0.5	<0.05	0.07	---	0.02	0.03
	8/26/1996	0.02	0.21	<0.005	<0.01	<0.01	0.55	<0.05	0.11	---	<0.01	0.08
	9/30/1997	<0.001	0.12	<0.003	<0.01	0.01	0.4	<0.04	0.07	0.02	0.023	0.09
	9/8/1998	0.026	0.24	<0.003	<0.01	<0.01	0.5	<0.04	0.03	0.01	<0.005	<0.005
	9/14/1999	0.026	0.24	<0.003	<0.01	<0.01	0.6	<0.04	0.42	0.14	0.007	0.039
	9/18/2000	0.031	0.23	<0.003	<0.01	<0.01	1.4	<0.04	0.45	0.15	<0.005	0.175
	10/1/2001	0.028	0.21	<0.003	<0.01	<0.01	0.5	<0.04	0.37	0.12	<0.005	0.006
	9/3/2002	0.018	0.2	<0.0001	<0.01	<0.01	0.4	<0.0001	---	---	<0.005	0.008
	9/9/2003	0.044	0.17	<0.0001	<0.01	<0.01	0.5	<0.0001	0.27	0.09	0.011	0.013
	9/13/2004	---	---	<0.005	---	---	---	---	---	---	---	---
	9/13/2004	0.018	0.23	<0.005	<0.01	<0.01	0.4	<0.0001	0.46	0.15	<0.005	<0.005
	9/19/2005	0.023	0.23	<0.005	<0.01	<0.01	0.3	0.0001	0.46	0.15	<0.005	<0.005
GLUX-1	9/23/1988	---	---	<0.005	<0.01	<0.01	0.3	<0.02	---	---	0.08	0.09
(1st SS)	9/23/1988	---	---	<0.005	<0.01	<0.01	0.3	<0.02	---	---	0.08	0.09
	12/12/1988	0.03	---	<0.005	<0.01	<0.01	0.1	<0.02	---	---	0.01	0.02
	12/12/1988	0.03	---	<0.005	<0.01	<0.01	0.1	<0.02	---	---	0.01	0.02
	3/20/1989	0.03	---	<0.005	<0.01	<0.01	0.1	<0.02	---	---	0.02	0.03
	6/22/1989	0.02	---	<0.005	<0.01	<0.01	0.2	<0.02	---	---	<0.01	0.02
	9/11/1989	0.36	---	<0.005	<0.01	<0.01	0.1	<0.02	---	---	0.01	0.05
	12/22/1989	0.04	---	<0.005	<0.01	<0.01	0.1	<0.02	---	---	0.02	0.02
	3/23/1990	0.02	---	<0.005	<0.01	<0.01	0.08	<0.02	---	---	0.01	0.02
	6/28/1990	0.03	---	<0.01	<0.01	<0.01	2	<0.02	---	---	<0.01	0.02
	9/18/1990	0.04	0.12	<0.01	<0.01	<0.01	0.1	<0.02	0.2	0.07	0.02	0.1
	3/27/1991	0.03	---	<0.005	<0.01	<0.01	0.12	<0.02	---	---	0.01	0.02
	6/27/1991	0.03	---	<0.003	<0.01	<0.01	14	<0.02	---	---	<0.01	0.05
	9/11/1991	0.08	0.11	<0.005	<0.01	<0.01	0.6	<0.02	0.4	0.13	0.03	0.13
	12/4/1991	0.03	220	<0.005	<0.01	<0.01	0.2	<0.02	---	---	0.02	0.04
	3/23/1992	0.03	---	<0.005	<0.01	<0.01	0.2	<0.02	---	---	<0.01	0.05
	6/12/1992	0.02	---	<0.005	<0.01	<0.01	0.1	<0.02	---	---	0.01	0.03
	9/14/1992	0.03	0.1	<0.005	<0.01	<0.01	0.2	<0.02	<0.1	<0.01	0.02	0.02
	12/21/1992	0.03	---	<0.005	<0.01	<0.01	0.1	<0.02	---	---	<0.01	0.02
	3/18/1993	0.03	---	<0.005	<0.01	<0.01	0.2	<0.02	---	---	0.02	0.02
	6/7/1993	0.03	---	<0.005	<0.01	<0.01	0.1	<0.02	---	---	0.02	0.02

Table 2.7-22aaa Ground Water Quality Data, I and J Pits Area

Well	Date	Ba	B	Cd	Cr	Cu	F	Pb	PO4	P	Mn	Mn(t)
GLUX-1	8/24/1993	<0.01	<0.02	<0.005	<0.01	<0.01	0.1	<0.02	<0.1	<0.01	<0.01	<0.01
(1st SS)	10/13/1993	0.03	---	<0.005	<0.01	<0.01	0.1	<0.02	---	---	0.02	0.03
	3/8/1994	0.03	---	<0.005	<0.01	<0.01	0.1	<0.02	---	---	0.02	0.02
	5/31/1994	0.03	---	0.022	0.07	<0.01	0.2	0.05	---	---	0.02	0.02
	8/15/1994	0.03	0.03	0.022	<0.01	<0.01	0.2	0.05	0.02	---	<0.01	0.03
	10/11/1994	0.04	<0.01	0.02	---	<0.01	0.15	<0.05	---	---	0.02	0.02
	3/9/1995	0.04	---	<0.005	<0.01	<0.01	0.16	0.06	---	---	0.02	0.02
	5/23/1995	0.03	---	<0.005	<0.01	<0.01	0.2	<0.05	---	---	0.02	0.02
	8/14/1995	0.03	0.06	<0.005	<0.01	<0.01	0.1	<0.05	0.01	---	0.02	0.02
	10/17/1995	0.03	---	0.005	<0.01	<0.01	0.2	0.05	---	---	0.02	0.02
	3/18/1996	0.03	---	<0.005	<0.01	<0.01	0.13	<0.05	---	---	0.02	0.02
	6/18/1996	0.03	---	<0.005	<0.01	<0.01	0.1	<0.05	---	---	0.02	0.02
	8/27/1996	0.03	0.08	<0.005	<0.01	<0.01	0.16	<0.05	<0.01	<0.01	0.02	<0.01
	10/15/1996	0.05	---	<0.005	<0.01	<0.01	0.15	<0.05	---	---	<0.01	0.03
	3/18/1997	0.04	---	<0.005	<0.01	<0.01	0.16	<0.05	---	---	0.02	0.03
	6/18/1997	0.044	---	<0.003	0.01	<0.01	<0.1	0.04	---	---	0.019	0.023
	9/30/1997	0.033	0.11	<0.003	<0.01	<0.01	0.1	<0.2	0.07	0.02	0.023	0.024
	5/27/1998	---	---	<0.003	<0.01	0.01	0.2	0.05	---	---	0.026	0.022
	9/8/1998	0.039	0.1	<0.003	<0.01	<0.01	0.2	<0.04	0.1	0.03	0.026	0.024
	6/2/1999	0.034	---	<0.003	<0.01	<0.01	0.2	<0.04	---	---	<0.005	0.023
	9/14/1999	0.038	0.11	<0.003	<0.01	<0.01	0.1	<0.04	<0.03	0.01	0.026	0.024
	5/31/2000	0.037	---	<0.003	<0.01	---	0.2	<0.04	---	---	0.056	0.028
	9/18/2000	0.033	0.11	<0.003	<0.01	<0.01	0.2	<0.04	<0.03	0.01	0.022	0.022
	6/7/2001	0.034	---	<0.0005	<0.01	<0.01	0.1	<0.001	---	---	0.022	0.023
	10/1/2001	0.038	0.1	<0.003	<0.01	<0.01	0.2	<0.04	<0.03	<0.01	0.021	0.021
	6/5/2002	0.061	---	<0.003	<0.01	<0.01	0.2	<0.04	---	---	0.024	0.349
	9/3/2002	0.031	0.08	<0.0001	<0.01	<0.01	0.1	<0.0001	---	---	0.022	0.027
	6/3/2003	0.024	---	<0.0001	<0.01	<0.01	0.1	0.0001	---	---	0.014	0.015
	9/9/2003	0.032	0.1	<0.0001	<0.01	<0.01	0.1	0.0003	0.06	0.02	0.022	0.027
	5/26/2004	0.029	---	<0.0001	<0.01	<0.01	0.1	0.0006	---	---	0.031	0.026
	9/13/2004	---	---	<0.005	---	---	---	---	---	---	---	---
	9/13/2004	0.033	0.1	<0.005	<0.01	<0.01	<0.1	<0.0001	0.03	0.01	0.023	0.025
	6/6/2005	0.036	---	<0.0001	<0.01	<0.01	<0.1	<0.0001	---	---	0.025	0.033
	9/19/2005	0.032	0.11	<0.005	<0.01	<0.01	<0.1	<0.0001	<0.03	<0.01	0.024	0.021
	6/7/2006	0.034	---	<0.0001	<0.01	<0.01	<0.1	<0.0001	---	---	0.024	0.025

Table 2.7-22aaa Ground Water Quality Data, I and J Pits Area

Well	Date	Mo	Ni	NH3	NO3	Se	Ra226
81-03A	9/17/1987	<0.05	<0.02	1.32	0.02	<0.001	---
(3rd SS)	3/14/1988	<0.05	<0.02	0.54	<0.01	0.001	---
	9/15/1988	<0.05	<0.02	1.1	<0.02	0.001	---
	9/12/1989	<0.05	<0.02	0.98	<0.02	0.001	---
	10/9/1990	<0.05	<0.02	1.1	<0.02	0.001	---
	9/12/1991	<0.05	<0.02	1.32	<0.02	0.001	---
	9/14/1992	<0.05	<0.02	1.96	<0.02	0.005	---
	8/25/1993	<0.01	<0.02	0.92	0.02	0.001	---
	8/17/1994	<0.05	<0.02	1.17	<0.01	0.001	---
	8/15/1995	<0.05	<0.02	0.87	<0.01	0.002	---
	8/27/1996	<0.05	<0.02	1.3	<0.01	0.002	---
	10/7/1997	<0.01	<0.01	1.19	<0.02	0.001	---
	9/16/1998	<0.01	<0.01	1.23	0.03	0.001	---
	10/6/1999	<0.01	<0.01	1.21	<0.02	0.001	---
	10/4/2000	<0.01	<0.01	1.24	<0.02	0.002	---
	10/2/2001	<0.02	<0.01	1.29	<0.02	0.002	---
	9/30/2002	<0.01	<0.01	1.43	<0.02	0.001	---
	9/16/2003	<0.01	<0.01	1.1	<0.02	0.001	---
	9/15/2004	<0.01	<0.01	1.1	<0.02	0.001	---
	9/21/2005	<0.01	<0.01	1.08	<0.02	0.001	---
	9/29/2020	<0.02	<0.01	1.21	<0.02	0.002	---
	9/28/2021	<0.02	<0.01	1.08	<0.02	0.002	---
CY-1	9/28/2020	<0.02	<0.01	1.78	<0.02	0.002	---
(1st SS)	9/28/2021	<0.02	<0.01	2.55	<0.02	0.002	---
CY-2	9/29/2020	<0.02	<0.01	2.29	<0.02	0.002	---
(2nd SS)	9/28/2021	<0.02	<0.01	2.37	<0.02	0.002	---
CY-3	9/29/2020	<0.02	<0.01	0.74	<0.02	0.002	---
(3rd SS)	9/28/2021	<0.02	<0.01	0.76	<0.02	0.002	---
CY-A	9/28/2020	<0.04	<0.02	0.29	<0.02	0.002	---
(QAL)	9/28/2021	<0.02	0.01	0.32	<0.02	0.002	---
GE-3	2/4/1976	<0.01	<0.01	---	---	<0.001	---
(2nd &	2/4/1976	<0.01	<0.01	---	---	<0.001	---
3rd SS)	4/28/1976	<0.01	0.02	---	---	---	---
	7/21/1976	<0.01	0.01	---	---	<0.005	---
	10/15/1976	<0.01	0.01	---	---	0.01	---
	1/12/1977	<0.01	<0.01	---	---	<0.005	---
	4/28/1977	<0.01	---	---	1.2	<0.005	---
	10/26/1977	0.01	---	---	1.01	0.022	---
	4/28/1980	---	---	---	---	<0.005	---
	11/10/1980	<0.01	<0.05	---	0.09	---	---
	12/14/1981	<0.01	---	---	0.03	---	---
	12/30/1982	<0.01	<0.01	<0.02	0.11	<0.001	---
	9/15/1983	<0.2	0.06	0.02	0.18	<0.002	---
	8/17/1984	<0.2	<0.02	0.16	0.12	<0.002	---

2-520ssss

Table 2.7-22aaa Ground Water Quality Data, I and J Pits Area

Well	Date	Mo	Ni	NH3	NO3	Se	Ra226
GE-3	9/18/1985	<0.05	<0.02	0.59	0.28	<0.002	---
(2nd &	9/11/1986	<0.05	<0.02	0.24	0.88	<0.001	---
3rd SS)	9/8/1987	<0.05	<0.02	0.68	0.12	<0.001	---
	9/22/1988	<0.05	<0.02	0.11	0.15	<0.001	---
	9/20/1990	<0.05	<0.02	0.16	<0.02	<0.001	---
	9/10/1991	<0.05	<0.02	0.78	<0.02	<0.001	---
	9/14/1992	<0.05	<0.02	0.55	0.4	<0.001	---
	8/24/1993	<0.01	<0.02	0.14	<0.02	<0.001	---
	8/15/1994	<0.05	<0.02	0.05	0.39	<0.001	---
	8/14/1995	<0.05	<0.02	0.53	<0.01	<0.001	---
	8/26/1996	<0.05	<0.02	0.69	0.09	0.003	---
	9/30/1997	<0.01	<0.01	0.37	0.09	<0.001	---
	9/8/1998	<0.01	<0.01	0.93	<0.02	<0.001	---
	9/14/1999	<0.01	<0.01	0.88	<0.02	<0.001	---
	9/18/2000	<0.01	<0.01	0.84	<0.02	<0.002	---
	10/1/2001	<0.01	<0.01	0.86	<0.02	<0.002	---
	9/3/2002	<0.01	<0.01	0.82	0.1	<0.001	---
	9/9/2003	<0.01	<0.01	0.6	0.08	<0.001	---
	9/13/2004	<0.01	<0.01	0.8	<0.02	<0.001	---
	9/19/2005	<0.01	<0.01	0.79	<0.02	<0.001	---
GLUX-1	9/23/1988	---	---	---	0	<0.001	8.7
(1st SS)	9/23/1988	---	---	---	0	<0.001	8.7
	12/12/1988	---	---	---	<0.02	<0.001	---
	12/12/1988	---	---	---	<0.02	<0.001	---
	3/20/1989	---	---	---	<0.02	<0.001	---
	6/22/1989	---	---	---	<0.02	<0.001	---
	9/11/1989	---	---	---	<0.02	<0.001	---
	12/22/1989	---	---	---	0.04	<0.001	---
	3/23/1990	---	---	---	<0.02	0.001	---
	6/28/1990	---	---	---	<0.02	<0.001	---
	9/18/1990	<0.05	<0.02	2.11	1.95	<0.001	---
	3/27/1991	---	---	---	0.02	<0.001	---
	6/27/1991	---	---	---	0.2	0.002	<1
	9/11/1991	<0.05	0.02	2.19	<0.02	<0.001	---
	12/4/1991	---	---	---	0.13	<0.001	---
	3/23/1992	---	---	---	0.33	<0.001	---
	6/12/1992	---	---	---	<0.02	<0.001	---
	9/14/1992	<0.05	<0.02	2.4	0.36	<0.001	---
	12/21/1992	---	---	---	0.08	<0.001	---
	3/18/1993	---	---	---	0.08	<0.001	---
	6/7/1993	---	---	---	0.06	<0.001	---
	8/24/1993	<0.01	<0.02	1.99	0.03	<0.001	---
	10/13/1993	---	---	---	0.04	<0.001	---
	3/8/1994	---	---	---	0.12	<0.001	---
	5/31/1994	---	---	---	0.42	0.003	---
	8/15/1994	<0.05	<0.02	<0.05	2.95	<0.001	---
	10/11/1994	---	---	---	0.17	0.002	---
	3/9/1995	---	---	---	0.45	<0.002	---
	5/23/1995	---	---	---	0.08	0.003	---

2-520tttt

Table 2.7-22aaa Ground Water Quality Data, I and J Pits Area

Well	Date	Mo	Ni	NH3	NO3	Se	Ra226
GLUX-1	8/14/1995	<0.05	0.02	2.05	0.01	<0.001	---
(1st SS)	10/17/1995	---	---	---	1.8	<0.001	---
	3/18/1996	---	---	---	0.66	<0.001	---
	6/18/1996	---	---	---	0.49	0.002	---
	8/27/1996	<0.05	0.02	2.3	0.05	<0.001	---
	10/15/1996	0.02	---	---	0.87	0.001	---
	3/18/1997	---	---	---	0.29	0.002	---
	6/18/1997	---	---	---	<0.02	<0.002	---
	9/30/1997	<0.01	<0.01	1.8	0.29	<0.001	---
	5/27/1998	---	---	---	0.18	<0.001	---
	9/8/1998	<0.01	<0.01	4.3	<0.02	<0.001	---
	6/2/1999	---	---	---	---	<0.001	---
	9/14/1999	<0.01	<0.01	2.28	<0.02	<0.001	---
	5/31/2000	---	---	---	0.08	<0.001	---
	9/18/2000	<0.01	<0.01	2.17	<0.02	<0.002	---
	6/7/2001	---	---	---	<0.02	<0.001	---
	10/1/2001	<0.01	<0.01	2.07	<0.02	<0.002	---
	6/5/2002	---	---	---	---	0.001	---
	9/3/2002	<0.01	<0.01	2.22	<0.02	<0.001	---
	6/3/2003	---	---	---	0.02	<0.001	---
	9/9/2003	<0.01	<0.01	2.1	0.18	<0.001	---
	5/26/2004	---	---	---	0.02	<0.001	---
	9/13/2004	<0.01	<0.01	2.05	<0.02	<0.001	---
	6/6/2005	---	---	---	<0.02	<0.001	---
	9/19/2005	<0.01	<0.01	2.21	0.03	<0.001	---
	6/7/2006	---	---	---	<0.02	<0.001	---