

Quality Analyses of Samples Obtained in 1978 and 1979
from the Cooperative Observation Well Network in
Groundwater Management District #5

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KGS Open File Report

1980

LOCATION: T 23-R 12-S 12 BAA

SITE: 1

WELL: 1

Collection Periods

Parameter	Units	10-25-78							
Temp	°C	15.3							
Sp. Cond.	μ Mhos	32700							
pH		7.2							
SiO ₂	ppm	22							
Ca	ppm	390							
Mg	ppm	165							
Na	ppm	8974							
K	ppm	14							
Sr	ppm	7.1							
HCO ₃	ppm	202							
CO ₃	ppm	—							
SO ₄	ppm	1693							
Cl	ppm	13268							
F	ppm	0.6							
NO ₃	ppm	15							
PO ₄	ppm	0.14							
% Δ		+1.3%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	2.4							
I	ppb	80							
Na/Cl		0.68							
TDS	ppm	23942							
Density	g/ml	1.014							
		@ 24°							

LOCATION: T23-R 12-S 12 BAA

SITE: 1

WELL: 2

Collection Periods

Parameter	Units	10-25-78							
Temp	°C	15.0							
Sp. Cond.	μ Mhos	6160							
pH		7.4							
SiO ₂	ppm	21							
Ca	ppm	103							
Mg	ppm	32							
Na	ppm	1387							
K	ppm	4.6							
Sr	ppm	1.3							
HCO ₃	ppm	223							
CO ₃	ppm	—							
SO ₄	ppm	234							
Cl	ppm	2060							
F	ppm	0.4							
NO ₃	ppm	19							
PO ₄	ppm	0.65							
% Δ		+1.3%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.8							
I	ppb	23							
Na/Cl		0.67							
TDS	ppm	3852							
Density	g/ml	1.000							
		@ 24°							

LOCATION: T 23 - R 12 - S 12 BAA

SITE: 1

WELL: 3

Collection Periods

Parameter	Units	10-25-78							
Temp	°C	14.3							
Sp. Cond.	µ Mhos	400							
pH		7.6							
SiO ₂	ppm	19							
Ca	ppm	59							
Mg	ppm	4.7							
Na	ppm	18							
K	ppm	2.5							
Sr	ppm	0.2							
HCO ₃	ppm	203							
CO ₃	ppm	-							
SO ₄	ppm	9.7							
Cl	ppm	12							
F	ppm	0.5							
NO ₃	ppm	18							
PO ₄	ppm	0.27							
70Δ		-0.02%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.2							
I	ppb	3.0							
Na/Cl		1.50							
TDS	ppm	214							
Density	g/ml	0.997							
		@ 24°							

LOCATION: T23-R12-S 36 ABA

SITE: 2

WELL: 1

Collection Periods

Parameter	Units	10-26-78							
Temp	°C	15.2							
Sp. Cond.	µ Mhos	2820							
pH		7.3							
SiO ₂	ppm	22							
Ca	ppm	103							
Mg	ppm	20							
Na	ppm	471							
K	ppm	3.6							
Sr	ppm	1.0							
HCO ₃	ppm	255							
CO ₃	ppm	—							
SO ₄	ppm	110							
Cl	ppm	725							
F	ppm	0.4							
NO ₃	ppm	0.2							
PO ₄	ppm	0.16							
% Δ		+0.8%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.4							
I	ppb	30							
Na/Cl		0.65							
TDS	ppm	1519							
Density	g/ml	0.998							
		@24°							

LOCATION: T23-R12-S36ABA

SITE: 2

WELL: 2

Collection Periods

Parameter	Units	10-25-78							
Temp	°C	14.4							
Sp. Cond.	µ Mhos	702							
pH		7.5							
SiO ₂	ppm	20							
Ca	ppm	64							
Mg	ppm	5.2							
Na	ppm	71							
K	ppm	3.1							
Sr	ppm	0.3							
HCO ₃	ppm	263							
CO ₃	ppm	-							
SO ₄	ppm	22							
Cl	ppm	72							
F	ppm	0.4							
NO ₃	ppm	13							
PO ₄	ppm	0.28							
T ₀ Δ		-1.7%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.5							
I	ppb	8							
Na/Cl		0.99							
TDS	ppm	356							
Density	g/ml	0.998							

LOCATION: T23-R13-S36 DCC

SITE: 3

WELL: 1

Collection Periods

Parameter	Units	10-23-78							
Temp	°C	15.3							
Sp. Cond.	µ Mhos	1630							
pH		7.0							
SiO ₂	ppm	20							
Ca	ppm	76							
Mg	ppm	12							
Na	ppm	252							
K	ppm	2.9							
Sr	ppm	0.6							
HCO ₃	ppm	244							
CO ₃	ppm	—							
SO ₄	ppm	44							
Cl	ppm	382							
F	ppm	0.5							
NO ₃	ppm	0.1							
PO ₄	ppm	0.16							
% Δ		+0.4%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.4							
I	ppb	14							
Na/Cl		0.66							
TDS	ppm	838							
Density	g/ml	0.998							
		@ 24°							

LOCATION: T23-R13-S 36 DCC

SITE: 3

WELL: 2

Collection Periods

Parameter	Units	10-23-78							
Temp	°C	15.2							
Sp. Cond.	µ Mhos	510							
pH		7.1							
SiO ₂	ppm	16							
Ca	ppm	60							
Mg	ppm	5.4							
Na	ppm	40							
K	ppm	2.8							
Sr	ppm	0.3							
HCO ₃	ppm	245							
CO ₃	ppm	-							
SO ₄	ppm	18							
Cl	ppm	36							
F	ppm	0.4							
NO ₃	ppm	0.2							
PO ₄	ppm	0.51							
% Δ		-1.6%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.3							
I	ppb	5							
Na/Cl		1.11							
TDS	ppm	256							
Density	g/ml	0.998							
		@24°							

LOCATION: T23-R14-S36 DAC

SITE: 4

WELL: 1

Collection Periods

Parameter	Units	10-24-78							
Temp	°C	16.5							
Sp. Cond.	µ Mhos	64000							
pH		7.1							
SiO ₂	ppm	14							
Ca	ppm	1926							
Mg	ppm	869							
Na	ppm	18140							
K	ppm	42							
Sr	ppm	38							
HCO ₃	ppm	81							
CO ₃	ppm	-							
SO ₄	ppm	3602							
Cl	ppm	31000							
F	ppm	0.2							
NO ₃	ppm	0.5							
PO ₄	ppm	4.59							
% Δ		+0.4%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	4.5							
I	ppb	240							
Na/Cl		0.59							
TDS	ppm	56165							
Density	g/ml	1.036							
		@24°							

LOCATION: T23-R14-S36 DDC

SITE: 4

WELL: 2

Collection Periods

Parameter	Units	10-24-78							
Temp	°C	16.0							
Sp. Cond.	μ Mhos	3500							
pH		7.8							
SiO ₂	ppm	28							
Ca	ppm	72							
Mg	ppm	24							
Na	ppm	615							
K	ppm	5.7							
Sr	ppm	1.3							
HCO ₃	ppm	271							
CO ₃	ppm	-							
SO ₄	ppm	122							
Cl	ppm	958							
F	ppm	0.9							
NO ₃	ppm	0.2							
PO ₄	ppm	3.78							
% Δ		-2.4%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.6							
I	ppb	58							
Na/Cl		0.64							
TDS	ppm	1854							
Density	g/ml	0.999							
		@ 24°							

LOCATION: T23-R14-S36 DDC

SITE: 4

WELL: 3

Collection Periods

Parameter	Units	10-24-78							
Temp	°C	16.0							
Sp. Cond.	µ Mhos	975							
pH		7.5							
SiO ₂	ppm	22							
Ca	ppm	70							
Mg	ppm	12							
Na	ppm	110							
K	ppm	3.6							
Sr	ppm	0.6							
HCO ₃	ppm	260							
CO ₃	ppm	—							
SO ₄	ppm	35							
Cl	ppm	143							
F	ppm	0.6							
NO ₃	ppm	1.0							
PO ₄	ppm	0.09							
% Δ		+1.6%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.4							
I	ppb	13							
Na/Cl		0.77							
TDS	ppm	496							
Density	g/ml	0.998							

LOCATION: T23-R12-S6 BBA

SITE: 5

WELL: 1

Collection Periods

Parameter	Units	10-26-78							
Temp	°C	16.0							
Sp. Cond.	µ Mhos	83800							
pH		8.4							
SiO ₂	ppm	18							
Ca	ppm	961							
Mg	ppm	409							
Na	ppm	27695							
K	ppm	49							
Sr	ppm	20							
HCO ₃	ppm	152							
CO ₃	ppm	8.6							
SO ₄	ppm	4184							
Cl	ppm	41177							
F	ppm	0.6							
NO ₃	ppm	1.6							
PO ₄	ppm	0.16							
% Δ		+1.4%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	5.9							
I	ppb	320							
Na/Cl		0.67							
TDS	ppm	72913							
Density	g/ml	1.049							
		@ 24°							

LOCATION: T 23 - R 12 - S 6 BBA

SITE: 5

WELL: 2

Collection Periods

Parameter	Units	10-26-78							
Temp	°C	15.9							
Sp. Cond.	µ Mhos	52300							
pH		7.3							
SiO ₂	ppm	22							
Ca	ppm	515							
Mg	ppm	242							
Na	ppm	14600							
K	ppm	21							
Sr	ppm	10							
HCO ₃	ppm	223							
CO ₃	ppm	-							
SO ₄	ppm	2672							
Cl	ppm	21719							
F	ppm	0.8							
NO ₃	ppm	0.3							
PO ₄	ppm	0.10							
γ ₀ Δ		+0.7%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	3.5							
I	ppb	200							
Na/Cl		0.67							
TDS	ppm	39588							
Density	g/ml	1.026							
		@ 24°							

LOCATION: T 23 - R 12 - S 6 BBA

SITE: 5

WELL: 3

Collection Periods

Parameter	Units	10-26-78							
Temp	°C	15.0							
Sp. Cond.	µ Mhos	700							
pH		7.5							
SiO ₂	ppm	20							
Ca	ppm	94							
Mg	ppm	7.2							
Na	ppm	31							
K	ppm	4.0							
Sr	ppm	0.4							
HCO ₃	ppm	224							
CO ₃	ppm	—							
SO ₄	ppm	16							
Cl	ppm	92							
F	ppm	0.3							
NO ₃	ppm	11							
PO ₄	ppm	0.14							
% Δ		-0.47%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.6							
I	ppb	4							
Na/Cl		0.34							
TDS	ppm	388							
Density	g/ml	0.998							

LOCATION: T25-R13-S 6 BBB

SITE: 6

WELL: 1

Collection Periods

Parameter	Units	10-26-78							
Temp	°C	16.1							
Sp. Cond.	μ Mhos	82500							
pH		9.5							
SiO ₂	ppm	37							
Ca	ppm	1810							
Mg	ppm	550							
Na	ppm	25000							
K	ppm	80							
Sr	ppm	33							
HCO ₃	ppm	—							
CO ₃	ppm	21							
SO ₄	ppm	5134							
Cl	ppm	40000							
F	ppm	0.1							
NO ₃	ppm	1.3							
PO ₄	ppm	0.14							
% Δ		-0.4%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	5.6							
I	ppb	320							
Na/Cl		0.63							
TDS	ppm	734.37							
Density	g/ml	1.049							
		@ 24°							

LOCATION: T25-R13-S688B

SITE: 6

WELL: 2

Collection Periods

Parameter	Units	10-24-78							
Temp	°C	17.0							
Sp. Cond.	µ Mhos	~6000							
pH		7.4							
SiO ₂	ppm	23							
Ca	ppm	152							
Mg	ppm	31							
Na	ppm	940							
K	ppm	5.1							
Sr	ppm	1.4							
HCO ₃	ppm	197							
CO ₃	ppm	-							
SO ₄	ppm	165							
Cl	ppm	1661							
F	ppm	0.4							
NO ₃	ppm	7.5							
PO ₄	ppm	0.21							
‰ Δ		-2.4‰							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.6							
I	ppb	19							
Na/Cl		0.57							
TDS	ppm	2908							
Density	g/ml	1.000							
		@24°							

LOCATION: T 23-R 13-S 6 BBB

SITE: 6

WELL: 3

Collection Periods

Parameter	Units	10-24-78							
Temp	°C	15.8							
Sp. Cond.	μ Mhos	710							
pH		7.8							
SiO ₂	ppm	20							
Ca	ppm	4.3							
Mg	ppm	5.2							
Na	ppm	96							
K	ppm	2.7							
Sr	ppm	0.3							
HCO ₃	ppm	195							
CO ₃	ppm	-							
SO ₄	ppm	23							
Cl	ppm	99							
F	ppm	0.6							
NO ₃	ppm	19							
PO ₄	ppm	0.13							
ΣΔ		+0.1%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.4							
I	ppb	4							
Na/Cl		0.97							
TDS	ppm	365							
Density	g/ml	0.998							
		@ 24°							

LOCATION: T24-R13-S 36000

SITE: 7

WELL: 1

Collection Periods

Parameter	Units	10-25-78							
Temp	°C	15.2							
Sp. Cond.	μ Mhos	73200							
pH		8.0							
SiO ₂	ppm	12							
Ca	ppm	1106							
Mg	ppm	552							
Na	ppm	23250							
K	ppm	38							
Sr	ppm	23							
HCO ₃	ppm	76							
CO ₃	ppm	-							
SO ₄	ppm	5656							
Cl	ppm	34164							
F	ppm	0.3							
NO ₃	ppm	1.5							
PO ₄	ppm	0.17							
%Δ		+1.4%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	5.0							
I	ppb	280							
Na/Cl		0.68							
TDS	ppm	65520							
Density	g/ml	1.044							
		@24°							

LOCATION: T24-R13-S36000

SITE: 7

WELL: 2

Collection Periods

Parameter	Units	10-25-78							
Temp	°C	15.2							
Sp. Cond.	μ Mhos	1020							
pH		7.8							
SiO ₂	ppm	19							
Ca	ppm	29							
Mg	ppm	4.7							
Na	ppm	197							
K	ppm	2.1							
Sr	ppm	0.3							
HCO ₃	ppm	253							
CO ₃	ppm	—							
SO ₄	ppm	49							
Cl	ppm	174							
F	ppm	0.6							
NO ₃	ppm	15							
PO ₄	ppm	0.16							
Δ		+0.6%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.5							
I	ppb	5							
Na/Cl		1.13							
TDS	ppm	570							
Density	g/ml	0.998							
		@24°							

LOCATION: T24-R13-S 36 DDD

SITE: 7

WELL: 3

Collection Periods

Parameter	Units	10-24-78							
Temp	°C	15.0							
Sp. Cond.	μ Mhos	648							
pH		7.7							
SiO ₂	ppm	22							
Ca	ppm	64							
Mg	ppm	603							
Na	ppm	65							
K	ppm	207							
Sr	ppm	0.3							
HCO ₃	ppm	252							
CO ₃	ppm	—							
SO ₄	ppm	23							
Cl	ppm	53							
F	ppm	0.4							
NO ₃	ppm	24							
PO ₄	ppm	0.17							
% Δ		+0.8%							
B	ppb								
Li	ppb								
Ba	ppb								
Br	ppm	0.4							
I	ppb	6							
Na/Cl		1.23							
TDS	ppm	372							
Density	g/ml	0.998							
		@24°							

LOCATION: T25-R12-S 11A

SITE: 8

WELL: 1

Collection Periods

Parameter	Units	10-25-78	10-31-79						
Temp	°C	15.0	15.7						
Sp. Cond.	μ Mhos	75400	108000						
pH		10.0	9.4						
SiO ₂	ppm	7.6	7.1						
Ca	ppm	1388	1648						
Mg	ppm	98	623						
Na	ppm	25500	29840						
K	ppm	100	56						
Sr	ppm	32	30						
HCO ₃	ppm	—	—						
CO ₃	ppm	46	58						
SO ₄	ppm	5345	6290						
Cl	ppm	37938	44300						
F	ppm	0.0	0.2						
NO ₃	ppm	0.9	0.6						
PO ₄	ppm	0.04	0.22						
T _D		+0.3%	+1.81%						
B	ppb		2820						
Li	ppb		1560						
Ba	ppb		—						
Br	ppm	3.0	2.0						
I	ppb	310	158						
Na/Cl		0.67	0.67						
TDS	ppm	71127	82134						
Density	g/ml	1.048	1.056						
		@ 24°	@ 23.4°						

LOCATION: T 25 - R 12 - S 11 A

SITE: 8

WELL: 2

Collection Periods

Parameter	Units	10-31-79						
Temp	°C	15.7						
Sp. Cond.	μ Mhos	1450						
pH		7.8						
SiO ₂	ppm	21						
Ca	ppm	61						
Mg	ppm	8.9						
Na	ppm	236						
K	ppm	2.8						
Sr	ppm	0.4						
HCO ₃	ppm	247						
CO ₃	ppm	—						
SO ₄	ppm	57						
Cl	ppm	288						
F	ppm	0.4						
NO ₃	ppm	13						
PO ₄	ppm	0.39						
ΣΔ		+1.92%						
B	ppb	68						
Li	ppb	23						
Ba	ppb	56						
Br	ppm	0.41						
I	ppb	1.1						
Na/Cl		0.82						
TDS	ppm	^{low} 711						
Density	g/ml	0.999						
		@23.4°						

LOCATION: T25-R12-S11A

SITE: 8

WELL: 3

Collection Periods

Parameter	Units	10-29-79						
Temp	°C	15.5						
Sp. Cond.	µ Mhos	1290						
pH		7.6						
SiO ₂	ppm	21						
Ca	ppm	64						
Mg	ppm	8.2						
Na	ppm	207						
K	ppm	2.7						
Sr	ppm	0.4						
HCO ₃	ppm	267						
CO ₃	ppm	—						
SO ₄	ppm	52						
Cl	ppm	244						
F	ppm	0.4						
NO ₃	ppm	13						
PO ₄	ppm	1.07						
% Δ		+1.48%						
B	ppb	64						
Li	ppb	22						
Ba	ppb	84						
Br	ppm	0.37						
I	ppb	1.2						
Na/Cl		0.85						
TDS	ppm	625 <i>low</i>						
Density	g/ml	0.998						
		@23.4°						

LOCATION: T25-R12-S11A

SITE: 8

WELL: 4

Collection Periods

Parameter	Units	10-29-79						
Temp	°C	14.8						
Sp. Cond.	μ Mhos	1145						
pH		7.6						
SiO ₂	ppm	20						
Ca	ppm	66						
Mg	ppm	6.5						
Na	ppm	173						
K	ppm	3.2						
Sr	ppm	0.3						
HCO ₃	ppm	252						
CO ₃	ppm	—						
SO ₄	ppm	45						
Cl	ppm	201						
F	ppm	0.4						
NO ₃	ppm	15						
PO ₄	ppm	0.61						
% Δ		+1.97%						
B	ppb	56						
Li	ppb	28						
Ba	ppb	192						
Br	ppm	0.33						
I	ppb	1.3						
Na/Cl		0.86						
TDS	ppm	^{10w} 606						
Density	g/ml	0.999						
		@23.4°						

LOCATION: T24-R10-S31CBC

SITE: 9

WELL: 1

Collection Periods

Parameter	Units	10-31-79						
Temp	°C	—						
Sp. Cond.	µ Mhos	10000						
pH		7.4						
SiO ₂	ppm	23						
Ca	ppm	278						
Mg	ppm	57						
Na	ppm	1966						
K	ppm	6.9						
Sr	ppm	2.8						
HCO ₃	ppm	213						
CO ₃	ppm	—						
SO ₄	ppm	484						
Cl	ppm	3086						
F	ppm	0.2						
NO ₃	ppm	12						
PO ₄	ppm	0.26						
Δ %		+1.70%						
B	ppb	228						
Li	ppb	113						
Ba	ppb	90						
Br	ppm	0.8						
I	ppb	4.75						
Na/Cl		0.64						
TDS	ppm	5952						
Density	g/ml	1.003						
		@23.4°						

LOCATION: T 24 - R 10 - S 31 CBC

SITE: 9

WELL: 2

Collection Periods

Parameter	Units	10-31-79						
Temp	°C	14.8						
Sp. Cond.	μ Mhos	4460						
pH		7.7						
SiO ₂	ppm	24						
Ca	ppm	173						
Mg	ppm	29						
Na	ppm	757						
K	ppm	4.1						
Sr	ppm	1.3						
HCO ₃	ppm	214						
CO ₃	ppm	—						
SO ₄	ppm	166						
Cl	ppm	1248						
F	ppm	0.2						
NO ₃	ppm	12						
PO ₄	ppm	0.27						
% Δ		+1.98%						
B	ppb	122						
Li	ppb	55						
Ba	ppb	130						
Br	ppm	0.62						
I	ppb	2.0						
Na/Cl		0.61						
TDS	ppm	2504						
Density	g/ml	1.000						
		@ 23.4°						

LOCATION: T24-R10-S31CBC

SITE: 9

WELL: 3

Collection Periods

Parameter	Units	10-31-79							
Temp	°C	14.7							
Sp. Cond.	μ Mhos	3170							
pH		7.6							
SiO ₂	ppm	24							
Ca	ppm	151							
Mg	ppm	22							
Na	ppm	472							
K	ppm	3.3							
Sr	ppm	1.0							
HCO ₃	ppm	228							
CO ₃	ppm	—							
SO ₄	ppm	119							
Cl	ppm	824							
F	ppm	0.2							
NO ₃	ppm	15							
PO ₄	ppm	0.26							
% Δ		+0.46%							
B	ppb	95							
Li	ppb	36							
Ba	ppb	216							
Br	ppm	0.54							
I	ppb	1.8							
Na/Cl		0.57							
TDS	ppm	1777							
Density	g/ml	0.999							
		@ 23.4							

LOCATION: T24-R10-S6 ACC

SITE: 10

WELL: 1

Collection Periods

Parameter	Units	11-1-79							
Temp	°C	16.0							
Sp. Cond.	μ Mhos	6000							
pH		7.6							
SiO ₂	ppm	38							
Ca	ppm	152							
Mg	ppm	46							
Na	ppm	1094							
K	ppm	7.0							
Sr	ppm	2.1							
HCO ₃	ppm	246							
CO ₃	ppm	-							
SO ₄	ppm	241							
Cl	ppm	1691							
F	ppm	0.5							
NO ₃	ppm	0.2							
PO ₄	ppm	0.21							
% Δ		+2.07%							
B	ppb	280							
Li	ppb	102							
Ba	ppb	107							
Br	ppm	0.64							
I	ppb	22.15							
Na/Cl		0.65							
TDS	ppm	3337							
Density	g/ml	1.001							
		@21.8°							

LOCATION: T24-R10-56 DCC

SITE: 10

WELL: 2

Collection Periods

Parameter	Units	11-1-79						
Temp	°C	16.1						
Sp. Cond.	µ Mhos	4900						
pH		7.6						
SiO ₂	ppm	44						
Ca	ppm	150						
Mg	ppm	38						
Na	ppm	858						
K	ppm	5.7						
Sr	ppm	1.6						
HCO ₃	ppm	295						
CO ₃	ppm	-						
SO ₄	ppm	189						
Cl	ppm	1360						
F	ppm	0.6						
NO ₃	ppm	0.2						
PO ₄	ppm	0.99						
%Δ		+0.99%						
B	ppb	185						
Li	ppb	75						
Ba	ppb	96						
Br	ppm	0.45						
I	ppb	22.4						
- Na/Cl		0.63						
TDS	ppm	2767						
Density	g/ml	1.000						
		@ 22.9°						

LOCATION: T24-R10-S6 ACC

SITE: 10

WELL: 3

Collection Periods

Parameter	Units	11-1-79							
Temp	°C	15.6							
Sp. Cond.	µ Mhos	2700							
pH		7.8							
SiO ₂	ppm	53							
Ca	ppm	118							
Mg	ppm	21							
Na	ppm	412							
K	ppm	3.9							
Sr	ppm	1.0							
HCO ₃	ppm	277							
CO ₃	ppm	—							
SO ₄	ppm	87							
Cl	ppm	677							
F	ppm	0.6							
NO ₃	ppm	0.6							
PO ₄	ppm	0.33							
% Δ		+0.33%							
B	ppb	105							
Li	ppb	36							
Ba	ppb	89							
Br	ppm	0.49							
I	ppb	16.0							
Na/Cl		0.61							
TDS	ppm	1535							
Density	g/ml	1.000							
		@ 21.8°							

LOCATION: T24-R 10-56 ACC

SITE: 10

WELL: 4

Collection Periods

Parameter	Units	11-1-79							
Temp	°C	15.3							
Sp. Cond.	μ Mhos	1020							
pH		7.5							
SiO ₂	ppm	14							
Ca	ppm	101							
Mg	ppm	11							
Na	ppm	87							
K	ppm	3.7							
Sr	ppm	0.6							
HCO ₃	ppm	231							
CO ₃	ppm	—							
SO ₄	ppm	20							
Cl	ppm	192							
F	ppm	0.4							
NO ₃	ppm	1.4							
PO ₄	ppm	0.15							
% Δ		+0.90%							
B	ppb	38							
Li	ppb	22							
Ba	ppb	297							
Br	ppm	0.80							
I	ppb	8.5							
Na/Cl		0.45							
TDS	ppm	544							
Density	g/ml	0.998							
		@ 22.9°							

LOCATION: T 22 - R 10 - 6 C B B

SITE: 11

WELL: 1

Collection Periods

Parameter	Units	11-3-79							
Temp	°C	15.9							
Sp. Cond.	μ Mhos	21300							
pH		8.6							
SiO ₂	ppm	16							
Ca	ppm	406							
Mg	ppm	75							
Na	ppm	4502							
K	ppm	21							
Sr	ppm	6.2							
HCO ₃	ppm	43							
CO ₃	ppm	22							
SO ₄	ppm	957							
Cl	ppm	6930							
F	ppm	0.3							
NO ₃	ppm	1.2							
PO ₄	ppm	0.07							
% Δ		+1.38%							
B	ppb	288							
Li	ppb	407							
Ba	ppb	138							
Br	ppm	1.0							
I	ppb	43.5							
Na/Cl		0.65							
TDS	ppm	12911							
Density	g/ml	1.008							
		@ 22.9°							

LOCATION: T22 - R 10 - S 6 CBB

SITE: 11

WELL: Shallow

Collection Periods

Parameter	Units	11-3-79							
Temp	°C	15.0							
Sp. Cond.	μ Mhos	4000							
pH		7.4							
SiO ₂	ppm	23							
Ca	ppm	222							
Mg	ppm	33							
Na	ppm	578							
K	ppm	4.8							
Sr	ppm	1.6							
HCO ₃	ppm	270							
CO ₃	ppm	—							
SO ₄	ppm	93							
Cl	ppm	1116							
F	ppm	0.1							
NO ₃	ppm	2.2							
PO ₄	ppm	0.24							
% Δ		+1.57%							
B	ppb	90							
Li	ppb	45							
Ba	ppb	275							
Br	ppm	0.58							
I	ppb	19							
Na/Cl		0.52							
TDS	ppm	2207							
Density	g/ml	1.000							
		@ 22.8°							