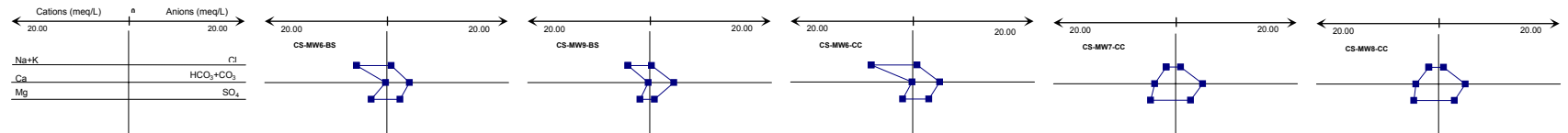


**Table 4.9. Major Ion Data for Bexar Shale and Cow Creek Groundwater,
December and June 2001
On-Site Monitoring Wells, Camp Stanley Storage Activity, Boerne, Texas**

Ion	CS-MW6-BS		CS-CS-MW9-BS		CS-MW6-CC		CS-MW7-CC		CS-MW8-CC	
	mg/L	meq/L	mg/L	meq/L	mg/L	meq/L	mg/L	meq/L	mg/L	meq/L
Sodium (Na ⁺)	72.43	3.15	50.62	2.20	59.36	2.58	30.17	1.31	32.21	1.40
Potassium (K ⁺)	70.52	1.80	53.47	1.37	163.63	4.19	7.50	0.19	7.13	0.18
Calcium (Ca ⁺²)	3.82	0.19	4.42	0.22	1.62	0.08	68.59	3.42	74.20	3.70
Magnesium (Mg ⁺²)	30.61	2.52	19.01	1.56	19.93	1.64	49.38	4.06	49.22	4.05
Chloride (Cl ⁻)	26.49	0.75	10.77	0.30	27.21	0.77	29.32	0.83	29.45	0.83
Bicarbonate (HCO ₃ ⁻)	220.00	3.61	181.00	2.97	272.00	4.46	271.00	4.44	269.00	4.41
Carbonate (CO ₃ ⁻²)	4.00	0.13	30.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
Sulfate (SO ₄ ⁻²)	105.25	2.19	38.05	0.79	129.42	2.69	119.73	2.49	127.25	2.65



Ion	CS-MW9-CC		CS-MW10-CC		Average BS Water		Average CC Water	
	mg/L	meq/L	mg/L	meq/L	mg/L	meq/L	mg/L	meq/L
Sodium (Na ⁺)	25.71	1.12	143.98	6.26	61.53	2.68	58.29	2.54
Potassium (K ⁺)	9.16	0.23	463.51	11.86	62.00	1.59	130.19	3.33
Calcium (Ca ⁺²)	53.72	2.68	11.28	0.56	4.12	0.21	41.88	2.09
Magnesium (Mg ⁺²)	40.01	3.29	0.45	0.04	24.81	2.04	31.79	2.62
Chloride (Cl ⁻)	19.97	0.56	24.21	0.68	18.63	0.53	26.03	0.73
Bicarbonate (HCO ₃ ⁻)	275.00	4.51	0.30	0.00	200.50	3.29	217.46	3.56
Carbonate (CO ₃ ⁻²)	0.00	0.00	142.30	4.74	17.00	0.57	28.46	0.95
Sulfate (SO ₄ ⁻²)	72.18	1.50	110.00	2.29	71.65	1.49	111.72	2.33

