Doc No: 0355-3.04-4/1/91

CAMP LEJEUNE - SITE 48
INORGANICS IN SEDIMENT
Concentration in mg/kg

CHART = 48SEING2 wp8e\48-inor.wr1 (4)

METAL/COMPOUND	48SE7	48SE8	48SE9	48SE10	48SE11
Aluminum	6340.00	11900.00	3540.00	4650.00	465.00
Antimony	8.70UN	9.40UN	7.00UN	13.10UN	6.20UN
Arsenic	1.40BNW	6.10NS	1.10BNW	11.60N	0.38UN
Barium	9.70B	8.40B	4.90B	0.97U	0.46U
Beryllium	1.30B	1.40B	1.00B	1.90B	0.92B
Cadmium	1.60	1.70	1.50	4.40	0.69B
Calcium	1120.00B	1490.00B	1040.00B	3790.00	150.00B
Chromium	11.70	20.30	8.20	22.90	2.10B
Cobalt	1.90U	2.10U	1.50U	2.90U	1.40U
Copper	9.40	8.40B	7.50	20.90	0.92B
Iron	9410.00	13400.00	6680.00	32600.00	1010.00
Lead	12.50*	24.50*S	13.30*	27.40*S	2.20*
Magnesium	1870.00	2680.00	1460.00	2970.00	276.00B
Manganese	16.20	19.20	8.50	15.60	1.40B
Mercury	0.17U	0.18U	0.19U	0.23U	0.10U
Nickel	4.50B	3.80B	2.30U	4.40U	2.10U
Potassium	1100.00B	1630.00B	798.00B	936.00B	219.00B
Selenium	0.76BW	0.59BW	0.38U	0.44U	0.19U
Silver	1.30U	1.40U	1.00U	1.90U	0.92U
Sodium	7330.00E	9020.00E	5960.00E	11000.00E	1510.00E
Thallium	0.39UNW	0.29UNW	0.38UNW	0.44UN	0.19UN
Vanadium	13.60B	22.70	9.80B	69.10	3.20B
Zinc	28.80	25.20	20.10	61.80	2.80B
Cyanide	1.20U	1.40U	1.20U	1.50U	0.75U

PROJECT Camp Lejeune
PREPARED BY Judy Gunn
DATE April 1991
CHECKED BY Ed Kruful
DATE 5/14/91
INITIALS

Doc No: CLEJ-00355-3.04-4/1/91

CAMP LEJEUNE - SITE 48
INORGANICS IN SURFACE WATER
Concentration in ug/l

CHART = 48SWING1 wp8e\48-inor.wr1 (1)

METAL/COMPOUND	48SW-1	48SW1D (SWDUP1)	48SW-2	48SW-3	48SW-4	48SW-5	48SW-6
Aluminum	1180	1390	352	212	408	242	2060
Antimony	13.3U	13.3U	13.3U	13.3U	13.3U	13.3U	15.6B
Arsenic	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U
Barium	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U
Beryllium	0.50U	0.50U	0.50U	0.50U	0.50U	0.50U	0.50U
Cadmium	4.3U	4.3U	4.3U	4.3U	4.3U	4.3U	4.3U
Calcium	123000	140000	95900	42100	143000	62100	90300
Chromium	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U	1.5U
Cobalt	6.0U	6.0U	6.0U	6.0U	6.0U	6.0U	6.0U
Copper	3.2U	3.2U	3.2U	3.2U	3.2U	3.2U	3.2U
Iron	1560	1550	884	997	590	957	2060
Lead	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U	1.7U
Magnesium	343000	404000	246000	53000	412000	126000	230000
Manganese	2.6B	1.2B	19.5	57.7	7.3B	45.5	24.1
Mercury	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U	0.10U
Nickel	5.2U	5.2U	5.2U	5.2U	5.2U	5.2U	5.2U
Potassium	122000	150000	87300	19100	150000	43700	83200
Selenium	3.4U	3.4U	3.4U	3.4U	3.4U	3.4U	3.4U
Silver	3.8B	3.3B	3.3B	4.2B	1.6U	39.0	3.4B
Sodium	986000	968000	1000000	477000	965000	1100000	1000000
Thallium	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U	4.4U
Vanadium	4.4B	4.8B	2.4U	2.4U	2.9B	2.4U	5.5B
Zinc	2.7U	13.0B	15.8B	29.7	2.7U	22.9	21.2
Cyanide	NR	NR	NR	NR	NR	NR	NR

Doc No: CLEJ-00355-3.04 - 4/1/91

CAMP LEJEUNE - SITE 48
INORGANICS IN SURFACE WATER
Concentration in ug/l

CHART = 48SWING2

wp8e\48-inor.wr1 (2)

METAL/COMPOUND	48SW7	48SW8	48SW9	48SW10	48SW11
Aluminum	604	436	207B	207B	207B
Antimony	13.3U	13.3U	192E	169E	133B
Arsenic	1.5U	1.5U	1.5U	1.9B	1.5U
Barium	1.7U	1.7U	17.0B	17.0B	17.0B
Beryllium	0.50U	0.50U	9.0E	11.0E	11.0E
Cadmium	4.3U	4.3U	43.0B	43.0B	43.0B
Calcium	143000	114000	150000E	99200E	216000E
Chromium	1.5U	1.5U	15.0B	15.0B	15.0B
Cobalt	6.0U	6.0U	60.0B	24.0E	60.0B
Copper	3.2U	3.2U	32.0U	32.0U	32.0B
Iron	585	596	612E	1130E	202E
Lead	1.7U	1.7U	1.7U	1.7U	1.7U
Magnesium	410000	316000	431000E	252000E	798000E
Manganese	1.5B	8.1B	12.0B	12.0B	12.0B
Mercury	0.10U	0.10U	0.10U	0.10U	0.10U
Nickel	5.2U	5.2U	60.0E	53.0E	52.0B
Potassium	152000	116000	125000E	78800E	241000E
Selenium	3.4U	3.4U	3.4U	3.4U	12.8
Silver	2.4B	3.7B	36.0E	36.0B	1.6U
Sodium	968000	987000	3520000E	2120000E	6690000E
Thallium	4.4U	4.4U	4.4U	4.4U	4.4U
Vanadium	3.2B	3.5B	24.0B	23.0E	24.0B
Zinc	23.4	2.9B	39.0E	52.0E	27.0B
Cyanide	NR	NR	NR	NR	NR

PROJECT Camp Lejeune
PREPARED BY [signature]
DATE 4 APRIL 1991
CHECKED BY [signature]
DATE 5/14/91

Doc. No.: CLEJ-00355-3.04-04/01/91

CAMP LEJEUNE - SITE 48
INORGANICS IN SEDIMENT
Concentration in mg/kg

CHART = 48SEING1 wp8e\48-inor.wr1 (3)

METAL/COMPOUND	48SE1	48SE1-D) (SEDUP1)	48SE2	48SE3	48SE4	48SE5	48SE6
Aluminum	6130.00	9650.00	3410.00	2920.00	1820.00	5580.00	4690.00
Antimony	8.20UN	9.40UN	6.00UN	7.80UN	6.00UN	8.40UN	9.60UN
Arsenic	5.50N+	5.70N+	1.40BNW	1.10BNW	0.68BNW	1.20BNW	0.95BNW
Barium	5.20B	5.20B	0.44B	3.20B	3.60B	9.40B	7.80B
Beryllium	1.20B	1.40B	0.88B	1.20B	0.89B	1.20B	1.40B
Cadmium	3.00	2.80	1.30	1.50	0.89B	1.90	1.80
Calcium	1250.00B	1280.00B	830.00B	709.00B	398.00B	1010.00B	980.00B
Chromium	14.00	18.80	7.50	8.70	4.90	10.60	10.60
Cobalt	1.80U	2.10U	1.30U	1.70U	1.30U	1.90U	2.10U
Copper	5.80B	5.20B	5.10B	4.40B	2.50B	8.10	6.70B
Iron	16700.00	17900.00	6610.00	4870.00	2630.00	7900.00	7370.00
Lead	13.40*	11.50*	12.00*	9.40*	5.20*	12.30*	12.20*
Magnesium	1670.00	1840.00	1240.00	1010.00B	655.00B	1560.00	1630.00B
Manganese	11.90	12.90	6.00	7.80	4.00	12.80	12.80
Mercury	0.18U	0.18U	0.15U	0.14U	0.15U	0.19U	0.16U
Nickel	2.70U	3.10U	2.00U	2.60U	2.00B	2.80B	3.20U
Potassium	1030.00B	1200.00B	653.00B	593.00B	347.00B	864.00B	877.00B
Selenium	0.35UW	0.42BW	0.28U	0.66B	0.20U	0.63B	0.37B
Silver	1.20U	1.40U	0.88U	1.20U	0.89U	1.20U	1.40U
Sodium	5850.00E	6080.00E	5140.00E	4350.00E	3200.00E	6110.00E	6830.00E
Thallium	0.35UNW	0.28UN	0.28UNW	0.25UNW	0.20UNW	0.29UNW	0.33UNW
Vanadium	29.30	34.40	11.70	7.30B	4.20B	11.20B	10.30B
Zinc	18.90	22.60	16.10	15.70	16.10	27.40	23.40
Cyanide	1.10U	1.10U	1.10U	0.96U	0.88U	1.30U	1.20U

PROJECT Camp Lejeune
PREPARED BY Judy Gumm
DATE April 1991
CHECKED BY E.C. Kingpe
DATE 5/13/91
COMMENTS