

Appendix B

**Summary of Preliminary Sampling Results
(January 1994)**

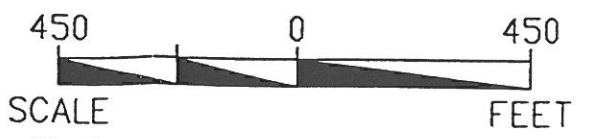
BASE MAP REFERENCE:

CAMP STANLEY STORAGE ACTIVITY	
DRAWING NAME	B-20 DEMIL SITE
DRAWN BY	CSSA FACILITY ENGINEER
ACTIVITY	PRELIMINARY SAMPLING
DATE	1/20/94

LEGEND:

CRATERS		
NUMBER	DEPTH	WIDTH
1.	4'-5'	30'
2.	4'-5'	25'
3.	4'-5'	25'
4.	3'	30'
5.	4'	35'
6.	6'	30'
7.	4'	25'
8.	3'	30'
9.	5'	20'X40'
10.	18"	20'
11.	18"	20'
12.	18"	20'
13.	1'	20'
14.	2'	20'X40'
15.	18"	20'

- SITE BOUNDARY
- CRATER
- ⊙ SOIL MOUND
- GRAVEL ROAD
- - - EPHEMERAL STREAM
- CS-11-94(S) X SAMPLE (W = WATER, S = SOIL
SED = SEDIMENT)



Note:
All soil sample locations are marked at the B-20 site by a wooden stake.

FIGURE 2.4
PRELIMINARY SAMPLE
LOCATION MAP

MARCH 1994
CAMP STANLEY STORAGE ACTIVITY

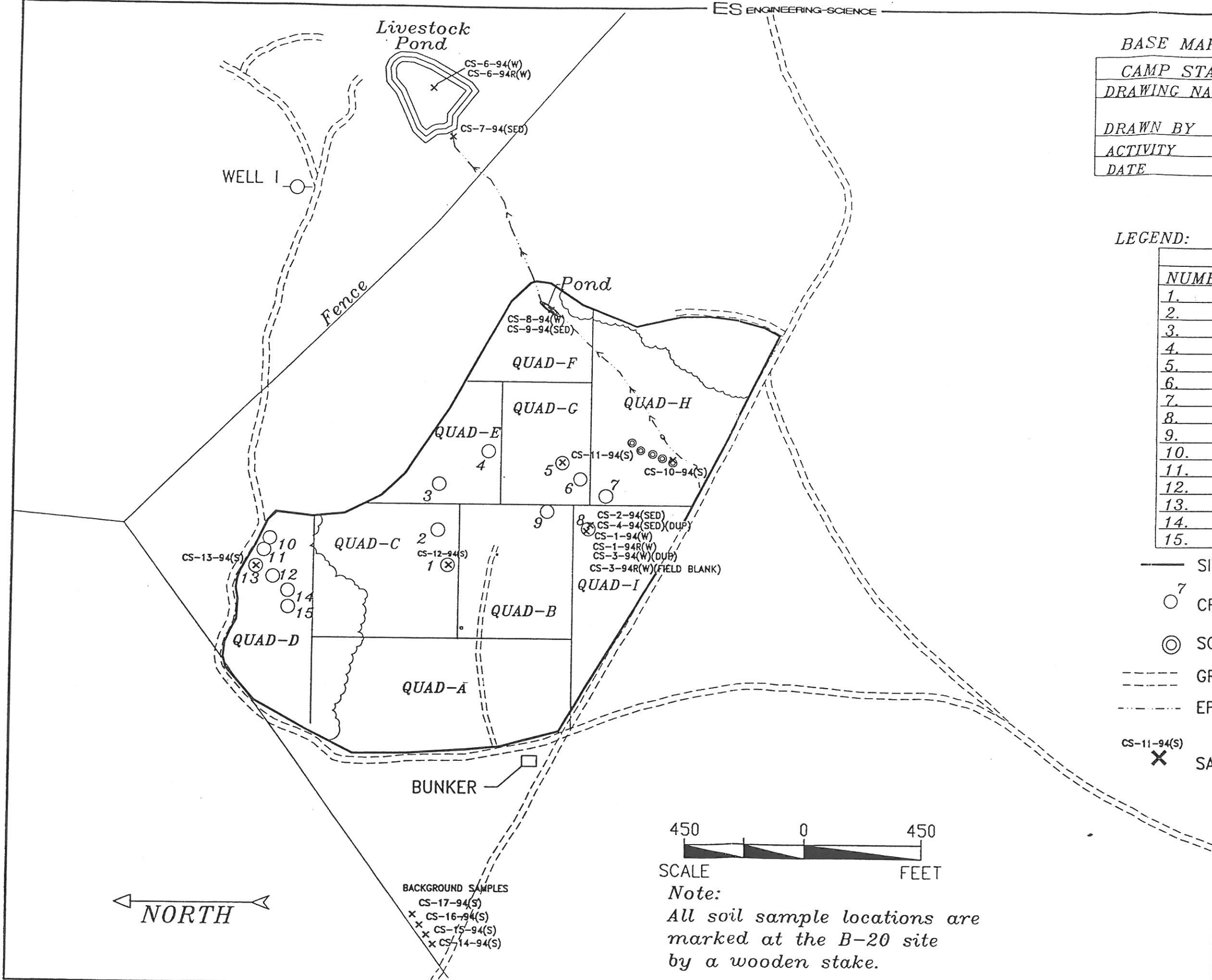


Table 2.3

Surface Soil Sample Analytical Results
 B-20 Preliminary Sampling Event
 Camp Stanley Storage Activity, Texas

Sample ID:	CS-10-94	CS-11-94	CS-12-94	CS-13-94	CS-14-94	CS-15-94	CS-16-94	CS-17-94
Location:	Mounds Quad-H	Crater 5 Quad-G	Crater 1 Quad-C	Crater 13 Quad-D	Background 1 West of site	Background 2 West of site	Background 3 West of site	Background 4 West of site
Lab ID:	D94-1089-10	D94-1089-11	D94-1089-12	D94-1089-13	D94-1089-14	D94-1089-15	D94-1089-16	D94-1089-17
Date collected:	01/27/94	01/27/94	01/27/94	01/27/94	01/27/94	01/27/94	01/27/94	01/27/94
Analytical parameters	MSCs *							
Nitroaromatics/nitramines - SW8330 (µg/kg)	ND	ND	ND	ND	ND	ND	ND	ND
Metals ** (mg/kg)								
Arsenic (SW 7062)	14.2	14.2	3.5	<2.5	<2.5	<2.5	2.5	2.6
Barium (SW 6010)	44.4	75.6	230	74.3	24.3	22.6	18.8	18.1
Cadmium (SW 6010)	3.7	5.0	3.4	5.7	1.7	1.5	1.4	1.4
Chromium (SW 6010)	11.3	16.7	14.7	8.6	<7.0	<7.0	<7.0	<7.0
Lead (SW 7421)	21	32	73	30	20	12	6	9
Mercury (SW 7471)	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Selenium (SW 7740)	<1.0	<1.0	<1.0	<5.0	<1.0	<1.0	<1.0	<1.0
Silver (SW 6010)	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Total solids - EPA 160.3 (%)	N/A	73.9	82.4	81.7	78.4	78.1	77.0	75.6

Surface soil samples collected from 0 to 0.5 foot below ground surface.

ND = not detected
 N/A = not available

* Medium specific concentrations (MSCs) at 31 TAC 335, Subchapter S, Appendix I. MSCs are for soil from depths of 0-2 feet at industrial sites.

** Analytical methods shown in parentheses.

Table 2.4
 Surface Water Sample Analytical Results
 B-20 Preliminary Sampling Event
 Camp Stanley Storage Activity, Texas

Sample ID:	CS-01-94	CS-01-94R	CS-03-94	CS-03-94R	CS-05-94	CS-06-94	CS-06-94R	CS-08-94
Description:	Crater 8 water	Crater 8 water resampled	Duplicate of CS-01-94	CS-03-94 resample - field blank	Rinse	Livestock pond	Livestock pond resampled	Quadrant F pond
Lab ID:	D94-1089-1	D94-1326-1	D94-1089-3	D94-1326-2	D94-1089-5	D94-1089-6	D94-1326-3	D94-1089-8
Date collected:	01/26/94	02/04/94	01/26/94	02/04/94	01/26/94	01/26/94	02/04/94	01/27/94
Analytical parameters								
Nitrosaromatics/nitramines -								
SW8330 (µg/L)	NA-HT	ND	NA-HT	ND	N/A	NA-HT	ND	ND
Volatile organics - SW8240 (µg/L)								
	ND	N/A	ND	N/A	N/A	ND	N/A	ND
Semivolatile organics - SW8270 (µg/L)								
	NA-HT	ND	NA-HT	ND	N/A	NA-HT	ND	N/A
Metals * (mg/L)								
Arsenic (SW 7062)	0.007	N/A	0.005	N/A	<0.005	<0.005	N/A	0.022
Barium (SW 6010)	0.11		0.08		<0.02	0.03		0.47
Cadmium (SW 6010)	0.011		0.008		<0.005	<0.005		0.013
Chromium (SW 6010)	<0.07		<0.07		<0.07	<0.07		<0.07
Lead (SW 7421)	0.087		0.055		0.005	<0.002		0.07
Mercury (SW 7470)	<0.001		<0.001		<0.001	<0.001		<0.001
Selenium (SW 7740)	<0.005		<0.005		<0.005	<0.005		<0.005
Silver (SW 6010)	<0.01		<0.01		<0.01	<0.01		<0.01
pH - EPA 1326	NA-HT	7.5	NA-HT	8.0	N/A	NA-HT	8.4	N/A

NA-HT = not analyzed due to lab exceeding analytical holding times

N/A = not analyzed

ND = not detected above laboratory detection limits

* EPA methods for metals shown in parentheses.

** Freshwater concentration criteria at 30 TAC 307. Criteria are for surface waters where exposure to human health through ingestion of water or fish is possible.

Table 2.5
Sediment Sample Analytical Results
B-20 Preliminary Sampling Event
Camp Stanley Storage Activity, Texas

	Sample ID:	CS-02-94	CS-04-94	CS-07-94	CS-09-94
	Description:	Crater 8 sediment	Duplicate of CS-02-94	Livestock pond sediment	Quadrant F pond sediment
	Lab ID:	D94-1089-2	D94-1089-4	D94-1089-7	D94-1089-9
	Date collected:	01/26/94	01/26/94	01/26/94	01/27/94
Analytical parameters					
Nitroaromatics/nitramines					
	SW8330 (µg/kg)	ND	ND	ND	ND
Volatile organics - SW8240 (µg/kg)					
	Methylene chloride	31.6	<0.5	33.5	172
Semivolatile organics - SW8270 (µg/kg)					
	bis(2-Ethylhexyl)phthalate	10100	<330	<330	<330
Metals * (mg/kg)					
	Arsenic (SW 7062)	3.9	3.8	<2.5	<1.0
	Barium (SW 6010)	64.4	62.2	50.4	3.1
	Cadmium (SW 6010)	8.6	8.3	2.6	87.6
	Chromium (SW 6010)	13.9	14.0	8.0	4.3
	Lead (SW 7421)	70	67	26	16.6
	Mercury (SW 7471)	0.97	0.84	<0.50	20
	Selenium (SW 7740)	<1.0	<1.0	<1.0	<0.50
	Silver (SW 6010)	<1.0	<1.0	<1.0	<1.0
	Total solids - EPA 160.3 (%)	78	79.6	71.7	68.6

N/A = not analyzed

ND = not detected

* Analytical methods for metals in parentheses.