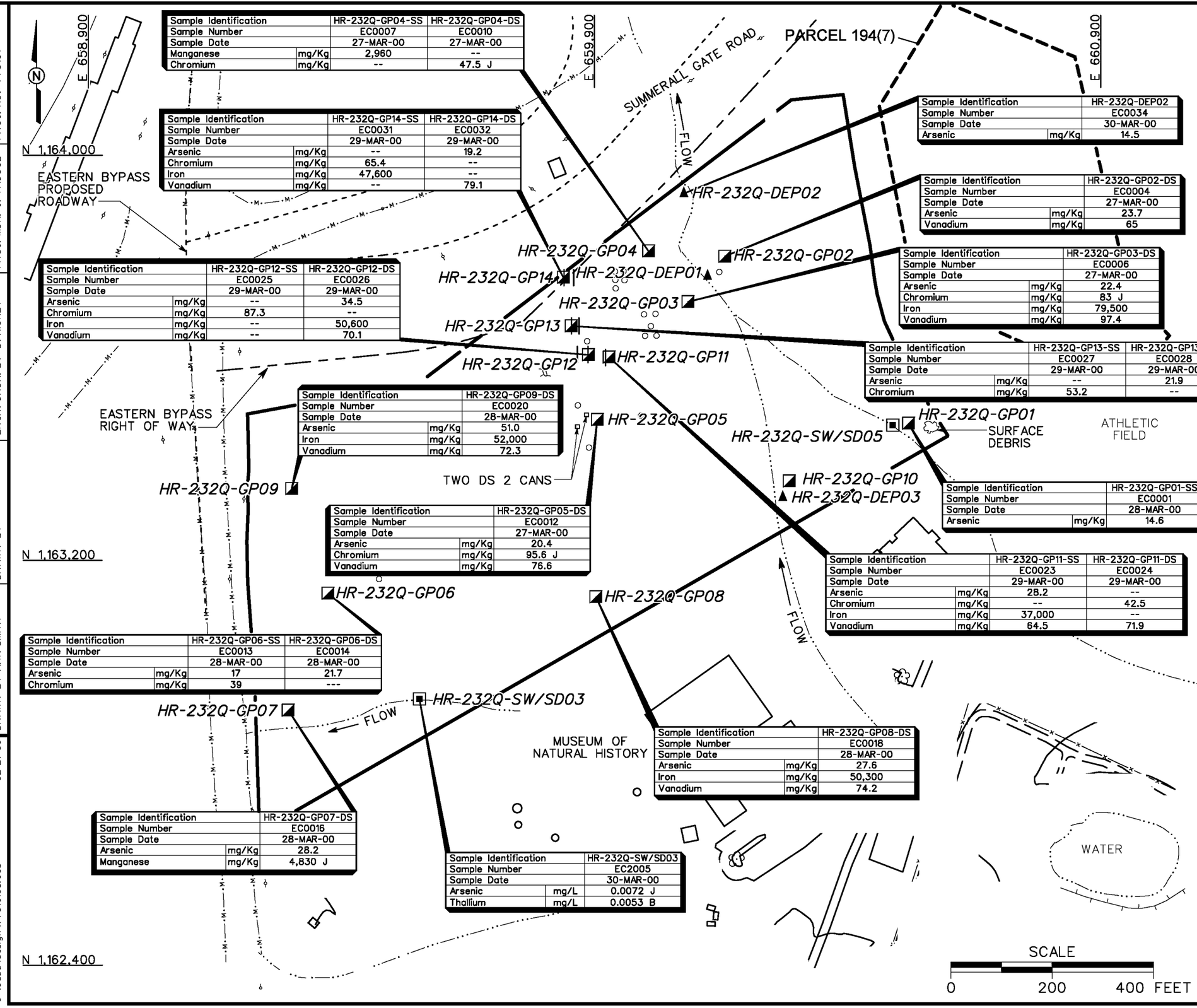

Sample Identification		HR-232Q-GP04-SS	HR-232Q-GP04-DS
Sample Number		EC0007	EC0010
Sample Date		27-MAR-00	27-MAR-00
Manganese	mg/Kg	2,960	--
Chromium	mg/Kg	--	47.5 J

Sample Identification		HR-232Q-GP14-SS	HR-232Q-GP14-DS
Sample Number		EC0031	EC0032
Sample Date		29-MAR-00	29-MAR-00
Arsenic	mg/Kg	--	19.2
Chromium	mg/Kg	65.4	--
Iron	mg/Kg	47,600	--
Vanadium	mg/Kg	--	79.1

Sample Identification		HR-232Q-GP12-SS	HR-232Q-GP12-DS
Sample Number		EC0025	EC0026
Sample Date		29-MAR-00	29-MAR-00
Arsenic	mg/Kg	--	34.5
Chromium	mg/Kg	87.3	--
Iron	mg/Kg	--	50,600
Vanadium	mg/Kg	--	70.1

Sample Identification		HR-232Q-GP09-DS
Sample Number		EC0020
Sample Date		28-MAR-00
Arsenic	mg/Kg	51.0
Iron	mg/Kg	52,000
Vanadium	mg/Kg	72.3

Sample Identification		HR-232Q-GP05-DS
Sample Number		EC0012
Sample Date		27-MAR-00
Arsenic	mg/Kg	20.4
Chromium	mg/Kg	95.6 J
Vanadium	mg/Kg	76.6

Sample Identification		HR-232Q-GP06-SS	HR-232Q-GP06-DS
Sample Number		EC0013	EC0014
Sample Date		28-MAR-00	28-MAR-00
Arsenic	mg/Kg	17	21.7
Chromium	mg/Kg	39	---

Sample Identification		HR-232Q-GP07-DS
Sample Number		EC0016
Sample Date		28-MAR-00
Arsenic	mg/Kg	28.2
Manganese	mg/Kg	4,830 J

Sample Identification		HR-232Q-SW/SD03
Sample Number		EC2005
Sample Date		30-MAR-00
Arsenic	mg/L	0.0072 J
Thallium	mg/L	0.0053 B

Sample Identification		HR-232Q-GP08-DS
Sample Number		EC0018
Sample Date		28-MAR-00
Arsenic	mg/Kg	27.6
Iron	mg/Kg	50,300
Vanadium	mg/Kg	74.2

Sample Identification		HR-232Q-DEP02
Sample Number		EC0034
Sample Date		30-MAR-00
Arsenic	mg/Kg	14.5

Sample Identification		HR-232Q-GP02-DS
Sample Number		EC0004
Sample Date		27-MAR-00
Arsenic	mg/Kg	23.7
Vanadium	mg/Kg	65

Sample Identification		HR-232Q-GP03-DS
Sample Number		EC0006
Sample Date		27-MAR-00
Arsenic	mg/Kg	22.4
Chromium	mg/Kg	83 J
Iron	mg/Kg	79,500
Vanadium	mg/Kg	97.4

Sample Identification		HR-232Q-GP13-SS	HR-232Q-GP13-DS
Sample Number		EC0027	EC0028
Sample Date		29-MAR-00	29-MAR-00
Arsenic	mg/Kg	--	21.9
Chromium	mg/Kg	53.2	--

Sample Identification		HR-232Q-GP01-SS
Sample Number		EC0001
Sample Date		28-MAR-00
Arsenic	mg/Kg	14.6

Sample Identification		HR-232Q-GP11-SS	HR-232Q-GP11-DS
Sample Number		EC0023	EC0024
Sample Date		29-MAR-00	29-MAR-00
Arsenic	mg/Kg	28.2	--
Chromium	mg/Kg	--	42.5
Iron	mg/Kg	37,000	--
Vanadium	mg/Kg	64.5	71.9

LEGEND

- UNIMPROVED ROADS AND PARKING
- PAVED ROADS AND PARKING
- BUILDING
- TOPOGRAPHIC CONTOURS (CONTOUR INTERVAL - 25 FEET)
- TREES / TREELINE
- PARCEL BOUNDARY
- SURFACE DRAINAGE / CREEK
- MANMADE SURFACE DRAINAGE FEATURE
- FENCE
- RAILROAD
- UTILITY POLE
- SURFACE MOUND
- SURFACE DEPRESSIONS (5-6' IN DIAMETER AND 3-4' DEEP)
- TRENCH LOCATION (12-18' IN LENGTH AND 1-3' DEEP)
- DS 2 — DECONTAMINATION SOLUTION NO. 2
- EASTERN BYPASS RIGHT OF WAY BOUNDARY
- EASTERN BYPASS PROPOSED ROADWAY
- SURFACE WATER/SEDIMENT SAMPLE LOCATION
- SURFACE AND SUBSURFACE SOIL SAMPLE LOCATION
- DEPOSITIONAL SOIL SAMPLE LOCATION
- B — ANALYTE DETECTED IN LABORATORY BLANK AT CONCENTRATION GREATER THAN THE REPORTING LIMIT (AND GREATER THAN ZERO)
- J — RESULT IS GREATER THAN STATED METHOD DETECTION LIMIT BUT LESS THAN OR EQUAL TO SPECIFIED REPORTING LIMIT

FIGURE 5-1
ANALYTICAL RESULTS EXCEEDING HUMAN HEALTH SSSLs AND ESTABLISHED BACKGROUND VALUES AREA M2 SUBSECTION OF AREA 45

U. S. ARMY CORPS OF ENGINEERS
MOBILE DISTRICT
FORT McCLELLAN
CALHOUN COUNTY, ALABAMA
Contract No. DACA21-96-D-0018

IT CORPORATION
A Member of The IT Group

DWG. NO.: ...\773191es.098 | PROJ. NO.: 773191
INITIATOR: D. HICKEY | PROJ. MGR.: J. YACOUB
DRAFT. CHCK. BY: | ENGR. CHCK. BY: D. HICKEY
DATE LAST REV.: | DRAWN BY:
STARTING DATE: 5/25/00 | DRAWN BY: A.W. SMITH
11/16/00 02:27:39 DBILLING c:\cadd\design\773191es.098