

TA21

8/6/96

To Benito
Thompson

SITE SUMMARY

Site Name: Technical Area 21 (DP Canyon)
 Location: Los Alamos National Laboratory (LANL)
 Project Mgr: Anthony Moreland
 Consultant: LANL
 Site Priority: #751 on Third Priority List
 Brief History: DP TANK Farm 21-029

J - my number file B -

This site has been investigated by LANL. They have reported that their site is clean although they found petroleum contamination in the DP Canyon streambed below yet upgradient of their site. LANL conducted further investigations and remediated the site via source removal. The report submitted indicates the site is cleaned up. However, the contamination in the seeps in DP Canyon has been referred to Surface Water Quality Bureau (Harvey Decker @ 672-0459) and though we could close this site we should get concurrence from Harvey (written concurrence).

HSCWA permit - ~~the~~ requires investigation & cleanup.

- UST had bought off by UFA.
- tanks contain acetone - UST jurisdiction - impacts minimized
- Soil & quantities - waste not a product -
- Compliance order - values only, extent of contamination
- RFI regarding - NFA - True & correct - will file misrepresentation -
- looking at possible criminal.
- UST ^{Tom Baca} stand off on this
- Tank # 11 - extent 1 -



10245

LANL 21/2
Information to date

1) 45-Day Report (May 1995)

BTEX

- a. West fill station "clean"
 - b. East fill station
 - north of tanks - hits to 24' (215 ppm)
TD 29-65' below 1 ppm
 - east of tanks - hits down to 24' (368 ppm)
TD 50'
- more borings would help
Showed vertical and horizontal in both (pretty much)

TPH

- a. West fill station
 - 1 hit NE of fill station - 14 to 19' (>600 ppm)
then ND to 44'
 - b. East fill station
 - did not delineate vertical on west side
- Showed vertical and horizontal in both

2) Excavation (May 1996)

Mobile lab

- HS - hits 10'-15' east of fill station south side
of pit (Did not show vertical)
- B - 1 hit @ 30' in center of pit (2.794) OK
- BTEX - 1 hit above 50 ppm @ 30' in center of pit
(224 ppm) (did not show vertical)
- TPH - several hits, pit down to 32' up to 8000 ppm
(did not show vertical)

Confirmatory

did not show vertical for TPH but did show
horizontal

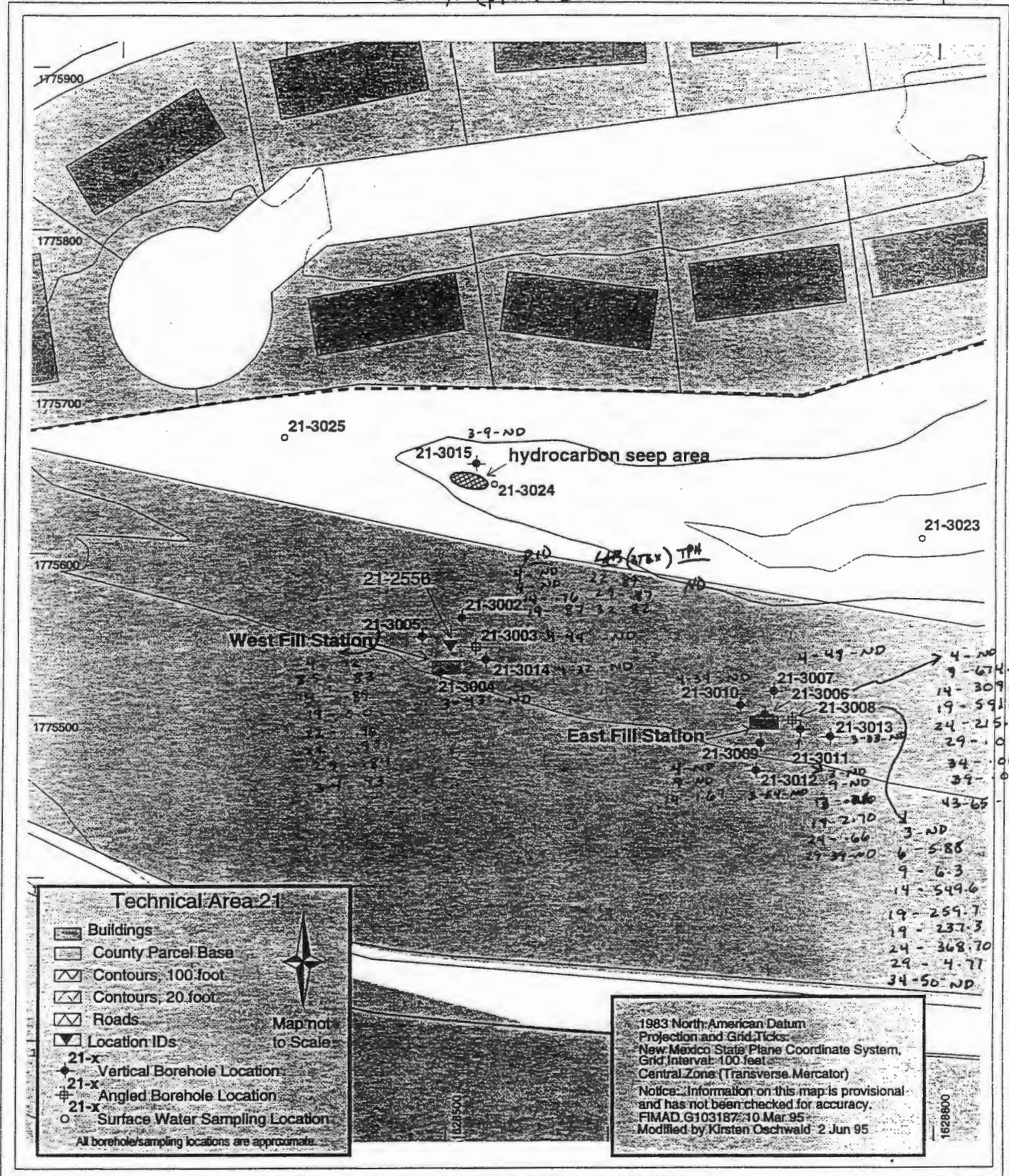
Need to look at tank area
Need to look at lines
Need to look at dispensers

Those three things besides not defining vertical in pits

Not NFA because need to look at other aspects listed above

BTEX (ppm) SOIL

JUNE 9, 1995



Boreholes Drilled at DP Tank Farm

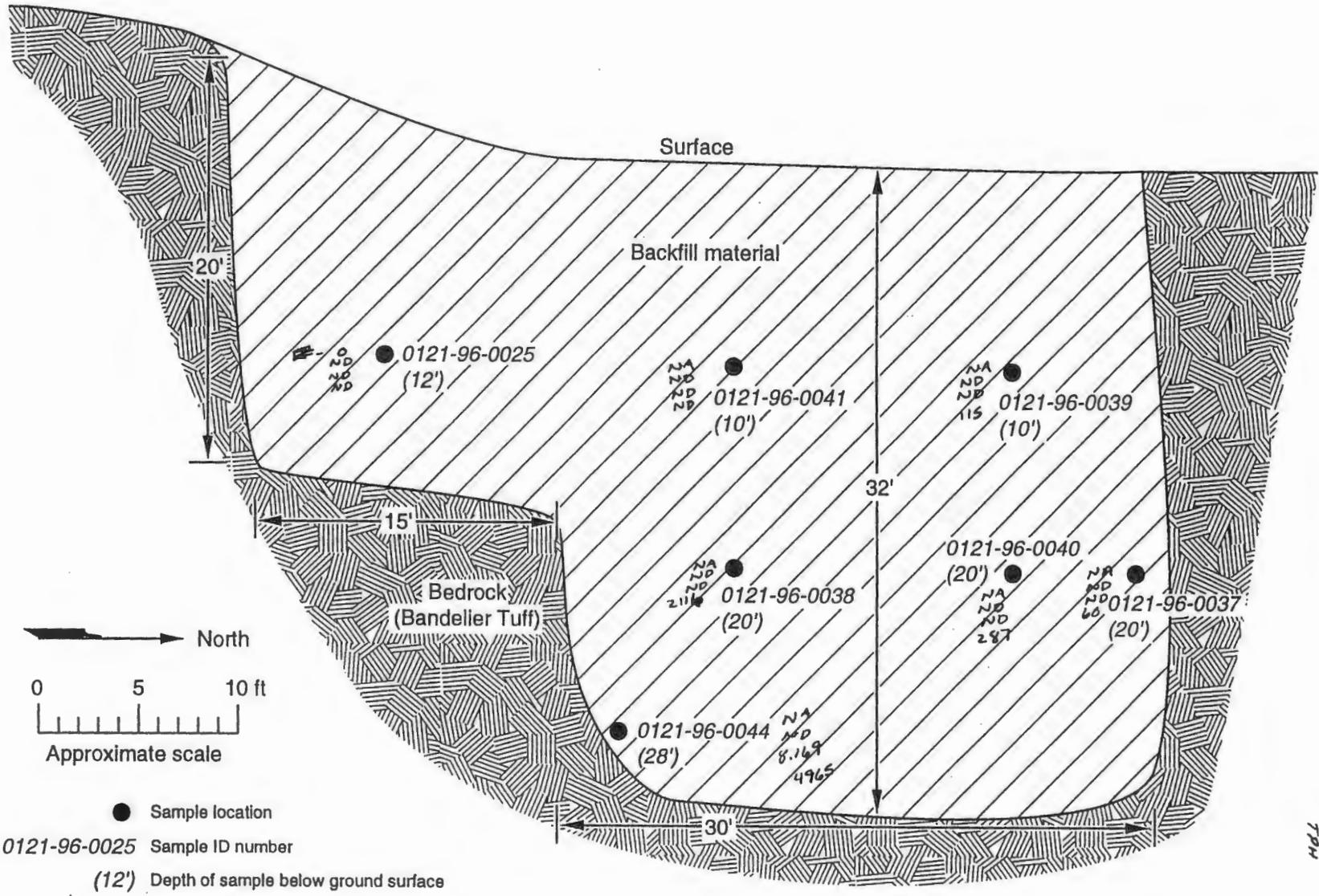


Fig. 3.3-1. Approximate locations of confirmatory samples collected from west sidewall of excavation.

BENZENE
BTEX
TPH

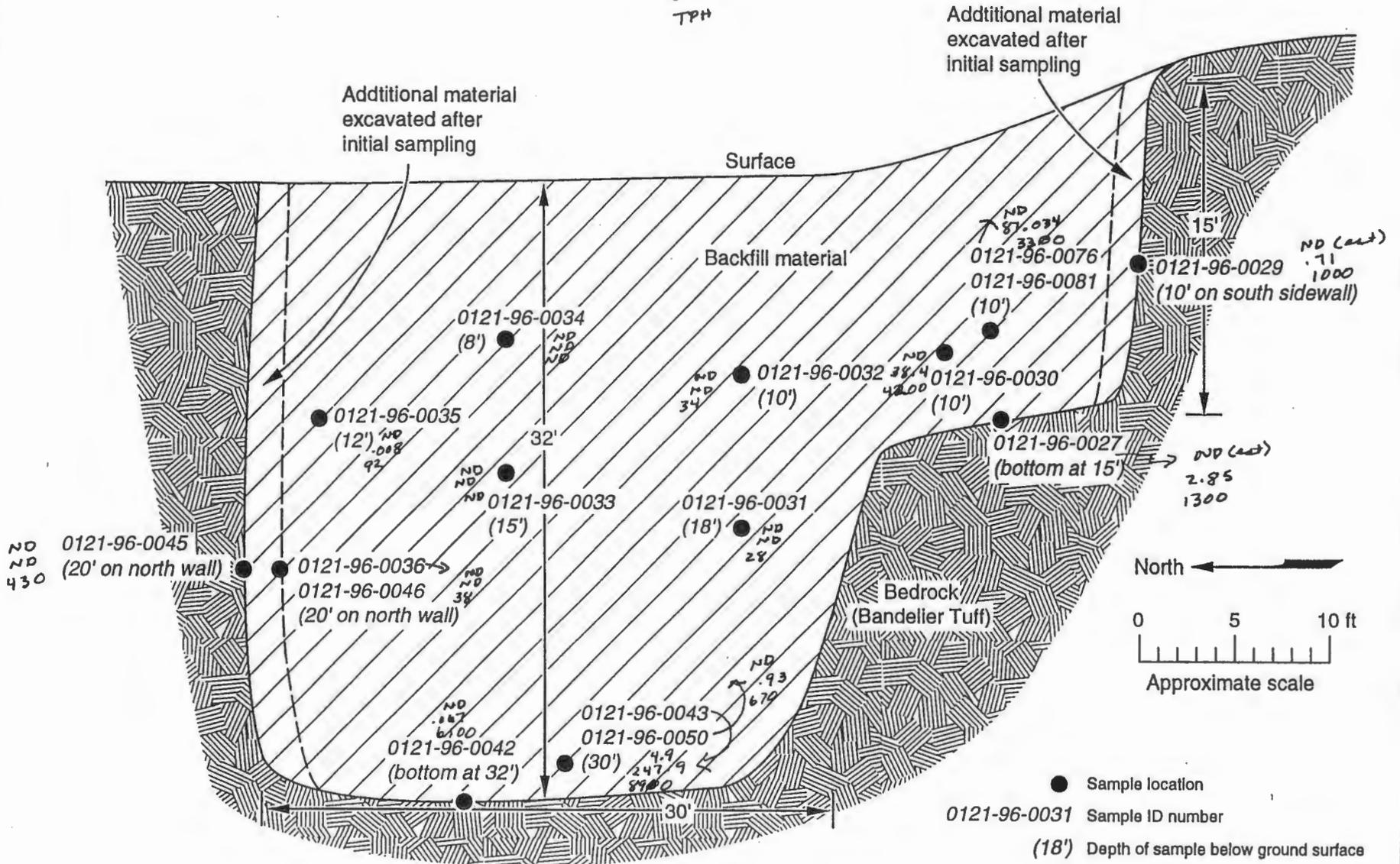


Fig. 3.3-2. Approximate locations of confirmatory samples collected from east sidewall of excavation.

CONFIRMATORY REPORTS

VCA Report

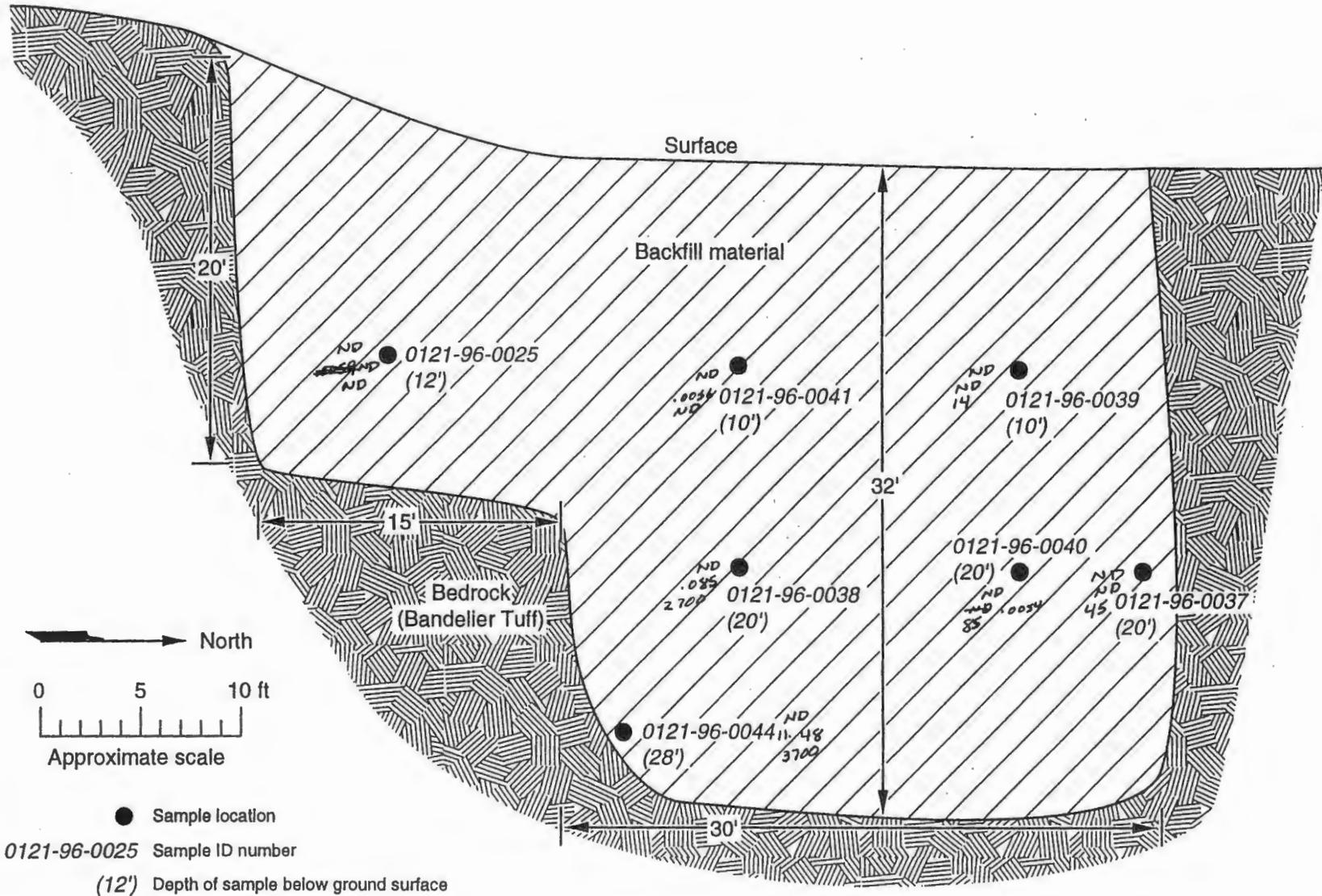


Fig. 3.3-1. Approximate locations of confirmatory samples collected from west sidewall of excavation.

HEADSPACE
BENZENE
BTEX
TPH

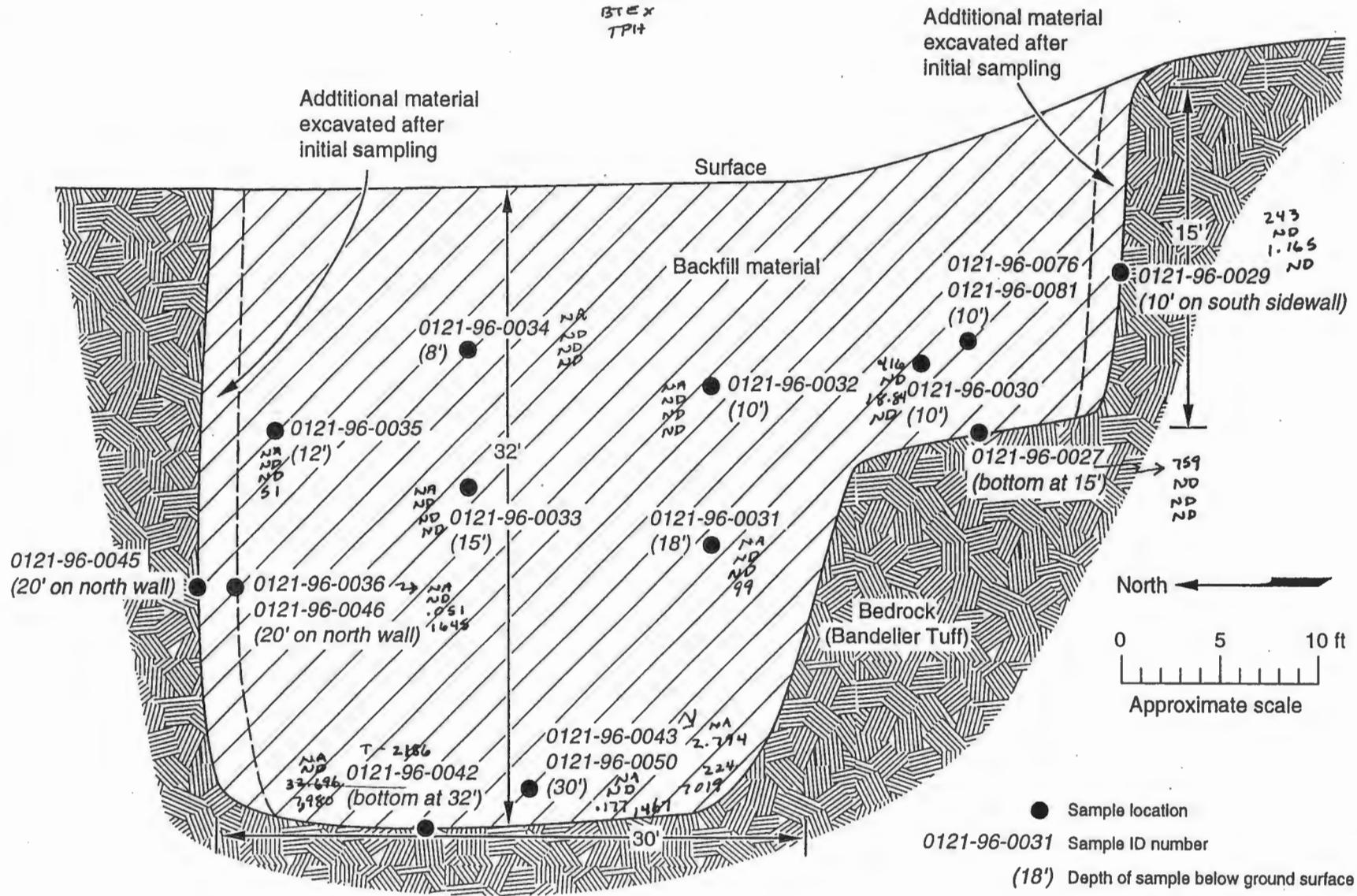


Fig- 3.3-2. Approximate locations of confirmatory samples collected from east sidewall of excavation.

MOBILE CHSM - ANAL. LAB / HEADSPACE

VCA Report