SW

NE

A

A'

Elevation (ft AMSL)

5,400
5,350
5,300
5,250
5,200
5,150
5,100
5,050
5,000
4,950
4,900
4,850
4,800
4,750
4,700
4,650

KAFB-106045 TD=563
KAFB-106131 TD=450
KAFB-106078 TD=620
KAFB-106112 TD=460
KAFB-106118 TD=459.2
KAFB-106081 TD=617
KAFB-106066 TD=620
KAFB-106142 TD=460
KAFB-106084 TD=605
KAFB-106071 TD=595
KAFB-106093 TD=600
KAFB-10625 TD=505
KAFB-10626 TD=510

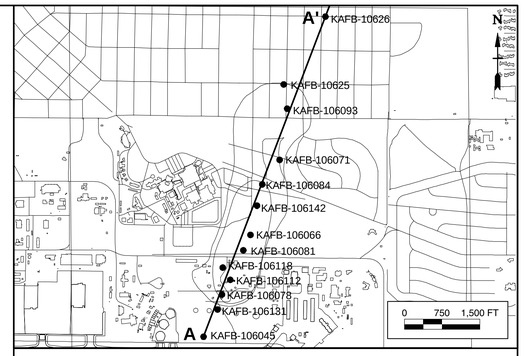
A
B

0.1
0.01

0 1,000 2,000 3,000 4,000 5,000 6,000 7,000

Vertical Exaggeration = 8x

Distance Along Profile (ft)



EXPLANATION

KAFB- # — Borehole Name

Borehole Lithology

No Recovery

Total Depth

- Ground Surface
- Lithology Contact
- Approximate Lithology Contact
- Water Level
- Benzene Concentration (mg/kg)
- June 2011 - Water Level Measurements

AMSL - Above Mean Sea Level

0 500

Long Induction Resistivity

Short Induction Resistivity

LITHOLOGY KEY

- ML (silt)
- MH (elastic silt)
- SM (silty sand)
- SW (well graded sand)
- SW - SM (well graded sand with silt)
- SW - SC (well graded sand with clay)
- SP (poorly graded sand)
- SP - SM (poorly graded sand with silt)
- SP - SC (poorly graded sand with clay)
- SC (clayey sand)
- GW (well graded gravel)
- GW - GC (well graded gravel with clay)
- GW - GM (well graded gravel with silt)
- GP (poorly graded gravel)
- GC (clayey gravel)
- GP - GM (poorly graded gravel with silt)
- GM (silty gravel)
- CL (lean clay)
- CH (fat clay)

BULK FUELS FACILITY
KIRTLAND AIR FORCE BASE, NEW MEXICO

FIGURE 7-10

GEOLOGIC CROSS SECTION A-A'
WITH BENZENE CONCENTRATIONS IN SOIL

L:\8700.BA\010000_X\SEC_A-A'.ai [2]