## Appendix C

# OU1 Historical Focus Sampling and Test Pit Logs

# Test Pit Logs

CH2MHILL

| PROJECT NUMBER | TEST PIT NUMBER | |
|---|---|---|
| 321099.EN.01 | TT2004-01 | Sheet 1 of 1 |

# TEST PIT LOG

PROJECT: Velsicol Main Plant Site LOCATION: St. Louis, Michigan LOGGER: K. Stryker

ELEVATION: ~ 732 CONTRACTOR: SACAL / NESC

EXCAVATION EQUIPMENT USED: Komatsu PC400 DATE EXCAVATED: 11/4/04 & 11/6/04

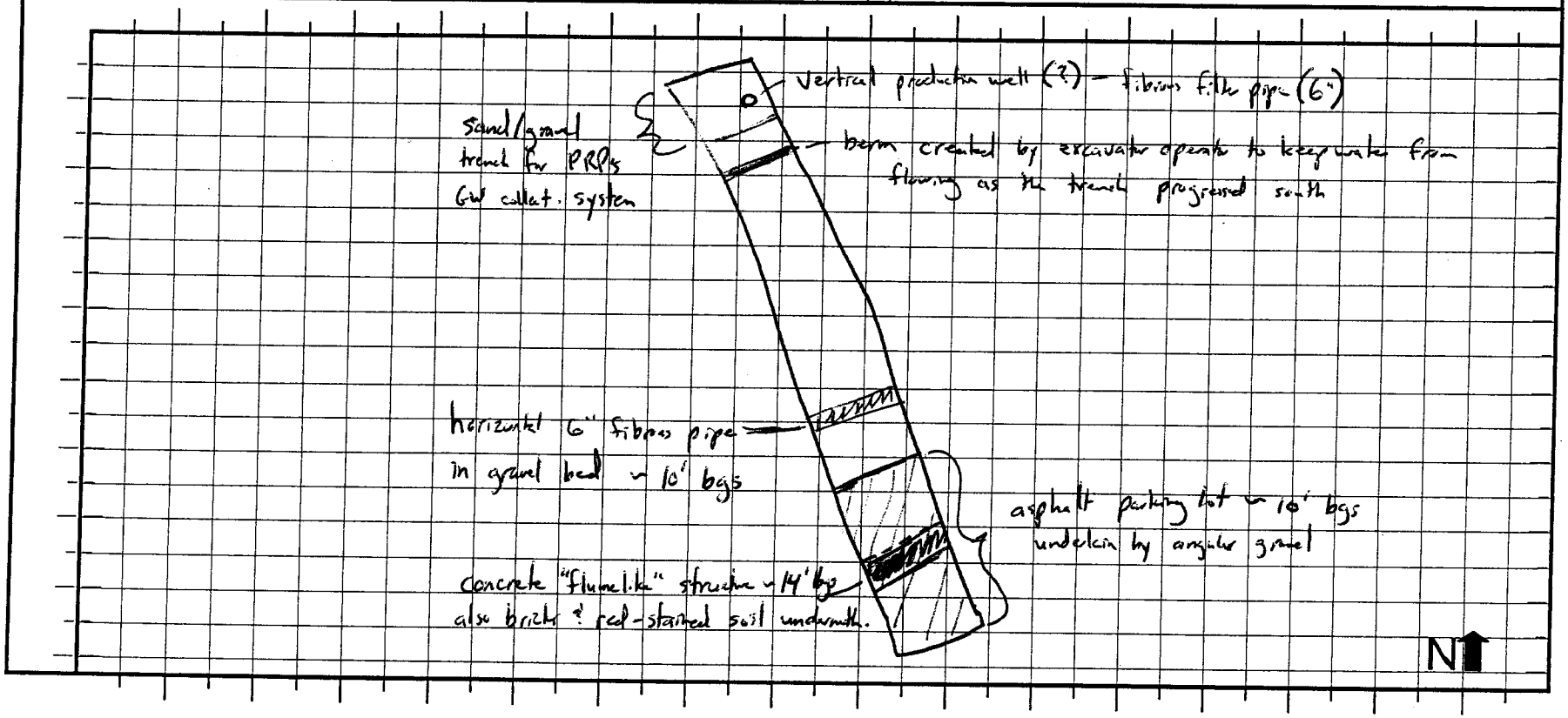
WATER LEVEL: ~ 10 bgs APPROX. DIMENS: Length: 70' Width: 6' Max. Depth: ~ 16'

SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.

COMMENTS:

cap was ~ 4' thick here

TEST PIT DIMENSIONS (FT)




TPLog.XLS

CH2MHILL

| PROJECT NUMBER | TEST PIT NUMBER | |
|---|---|---|
| 321099.EN.01 | TT2004-02 | Sheet 1 of 1 |

# TEST PIT LOG

PROJECT : Velsicol Main Plant Site LOCATION : St. Louis, Michigan LOGGER : R. Stryker

ELEVATION : ~728' CONTRACTOR : SACAL / NESC

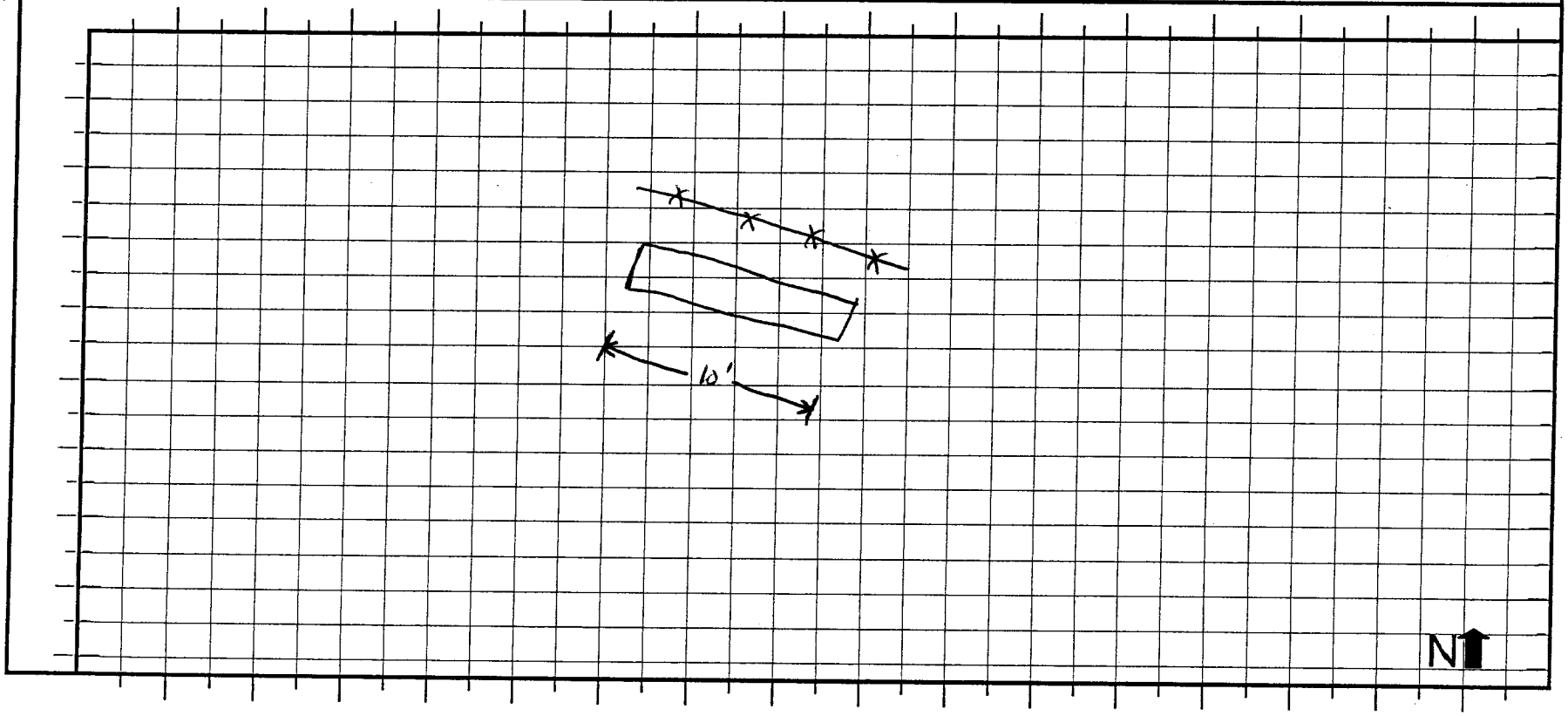
EXCAVATION EQUIPMENT USED : Komatsu PC400 DATE EXCAVATED: 11-5-04

WATER LEVEL : ~ 4' bgs APPROX. DIMENS: Length: 10' Width: 4' Max. Depth: 6'

SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.

COMMENTS:
PRPs GW collection system encountered. Abandon location due to water filling excavation & limited space to operate.

TEST PIT DIMENSIONS (FT)



CH2MHILL

PROJECT NUMBER 321099.EN.01

TEST PIT NUMBER TT-2004-03 Sheet 1 of ___

# TEST PIT LOG

PROJECT : Velsicol Main Plant Site

LOCATION : along N. Fence begin at discharge Pipe heads East

LOGGED BY: JAM

ELEVATION :

CONTRACTOR : NES

EXCAVATION EQUIPMENT USED :

DATE EXCAVATED: 7NOV04

WATER LEVEL :

APPROX. DIMENS: Length: 80' Width: 4' Max. Depth: 9'

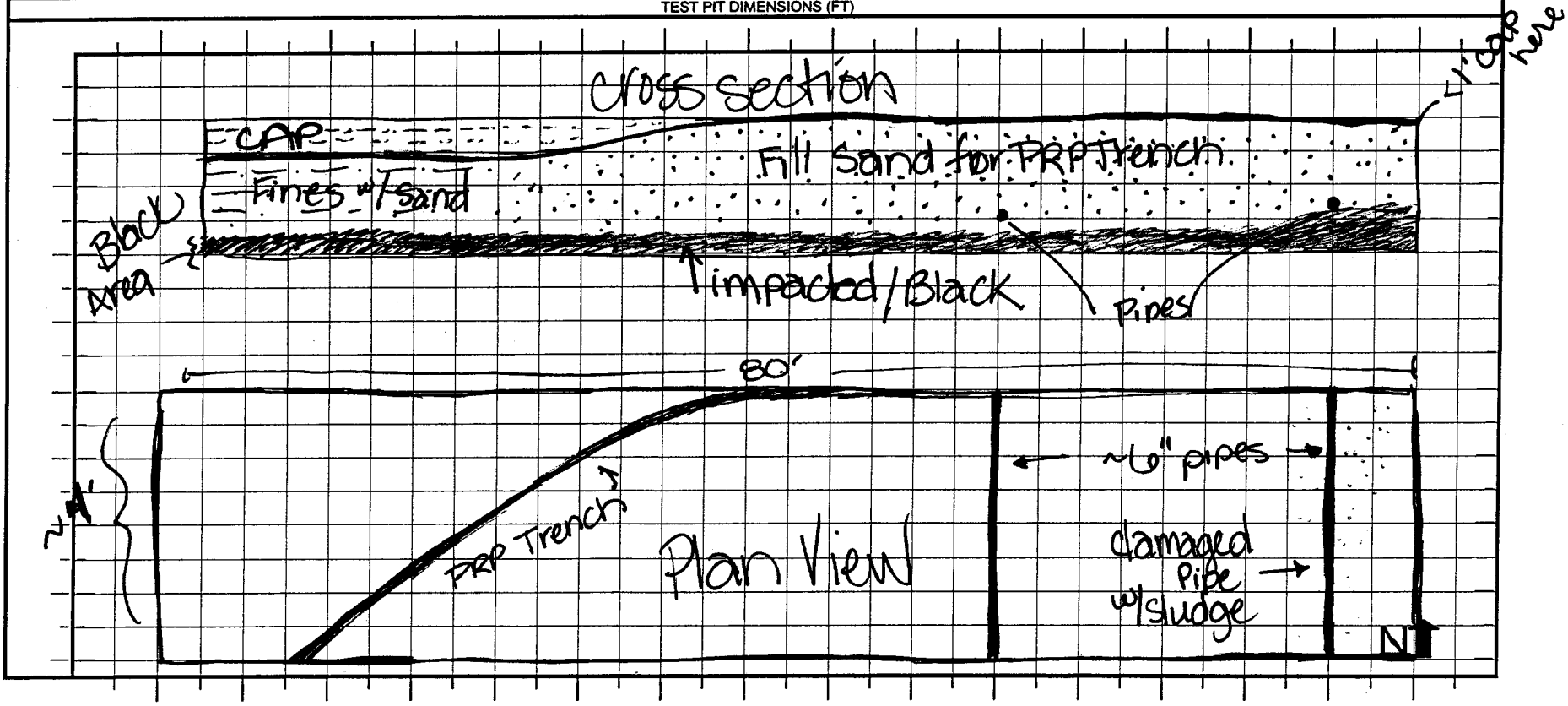
SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.

Mostly Fill sand Med/coarse bottom 4' impacted

COMMENTS:

Bottom of trench Black sand North sidewall fill sand from PRP Trench

TEST PIT DIMENSIONS (FT)




TPLog.XLS

CH2MHILL

| PROJECT NUMBER | TEST PIT NUMBER | |
|---|---|---|
| 321099.EN.01 | TT2004-04 | Sheet 1 of 1 |

# TEST PIT LOG

PROJECT : Velsiocol Main Plant Site LOCATION : St. Louis, Michigan LOGGER : R. Stryker

ELEVATION : ~730' CONTRACTOR : SPEAC / NESC

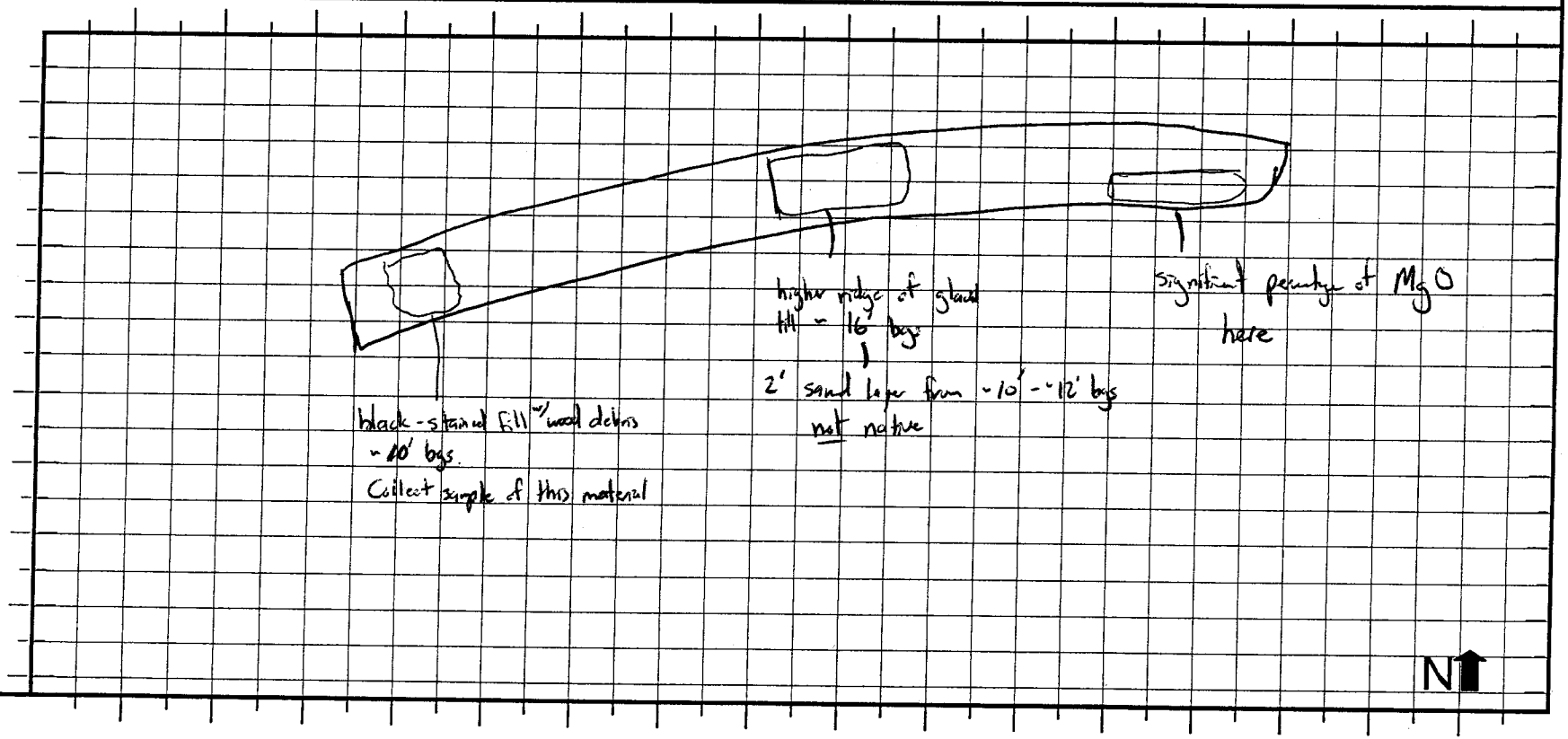
EXCAVATION EQUIPMENT USED : Komatsu PC 400 DATE EXCAVATED: 11/2/04

WATER LEVEL : ~10' bgs APPROX. DIMENS: Length: 70' Width: 8' Max. Depth: 16'

SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.

COMMENTS:

TEST PIT DIMENSIONS (FT)




TPLog.XLS

CH2MHILL

| PROJECT NUMBER | TEST PIT NUMBER | |
|---|---|---|
| 321099.EN.01 | TT2004-05 | Sheet 1 of 1 |

# TEST PIT LOG

PROJECT : Velsicol Main Plant Site LOCATION : St. Louis, Michigan LOGGER : R. Stryker

ELEVATION : ~728 CONTRACTOR : SACAL / NESC

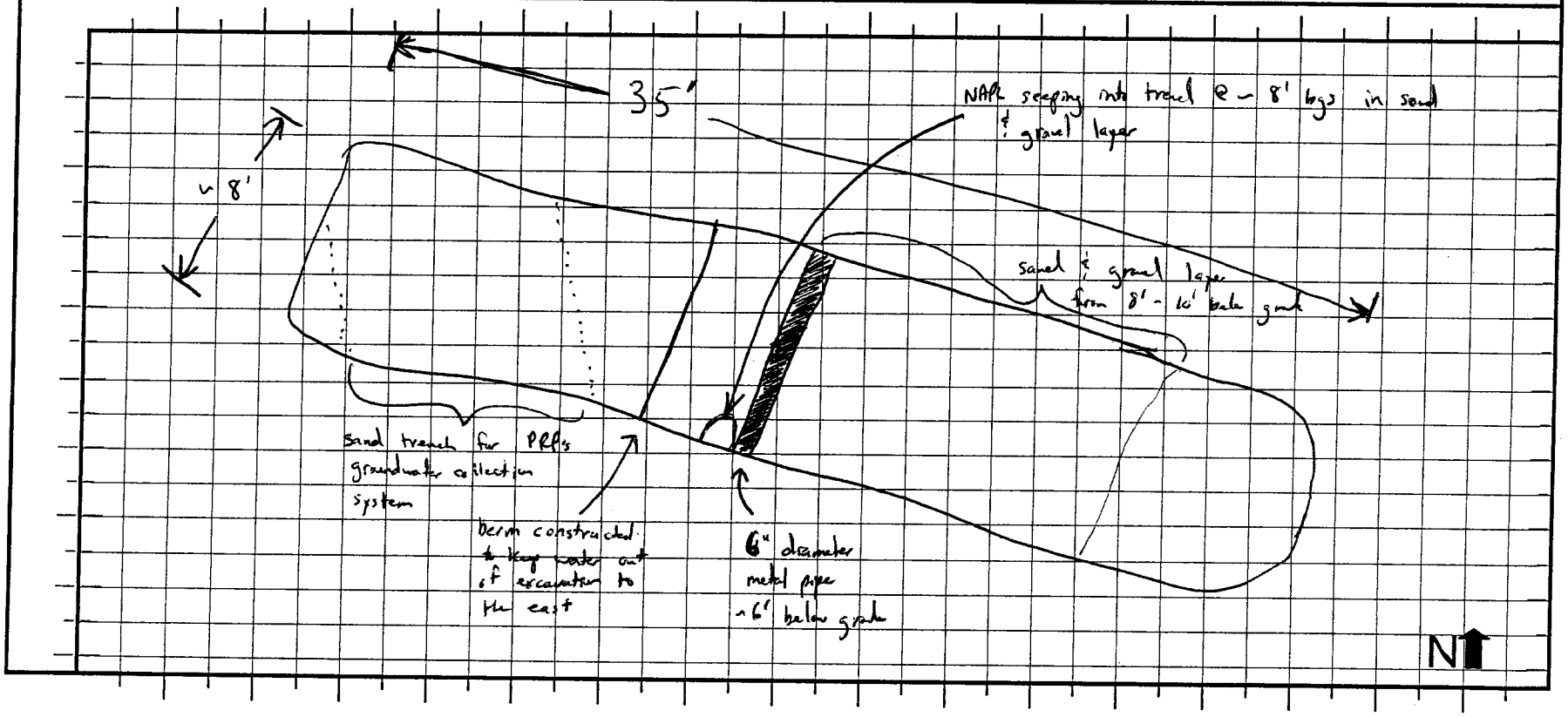
EXCAVATION EQUIPMENT USED : Komatsu PC400 DATE EXCAVATED: 11-06-04

WATER LEVEL : ~3'5"-8' bgs APPROX. DIMENS: Length: 35' Width: 8' Max. Depth: ~11'

SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.

COMMENTS:

TEST PIT DIMENSIONS (FT)




TPLog.XLS

CH2MHILL

| PROJECT NUMBER | TEST PIT NUMBER | |
|---|---|---|
| 321099.EN.01 | TT2004-06 | Sheet 1 of 1 |

# TEST PIT LOG

PROJECT : Velsiocol Main Plant Site LOCATION : St. Louis, Michigan LOGGER : R. Stryker

ELEVATION : ~730' CONTRACTOR : SACAL / NESC

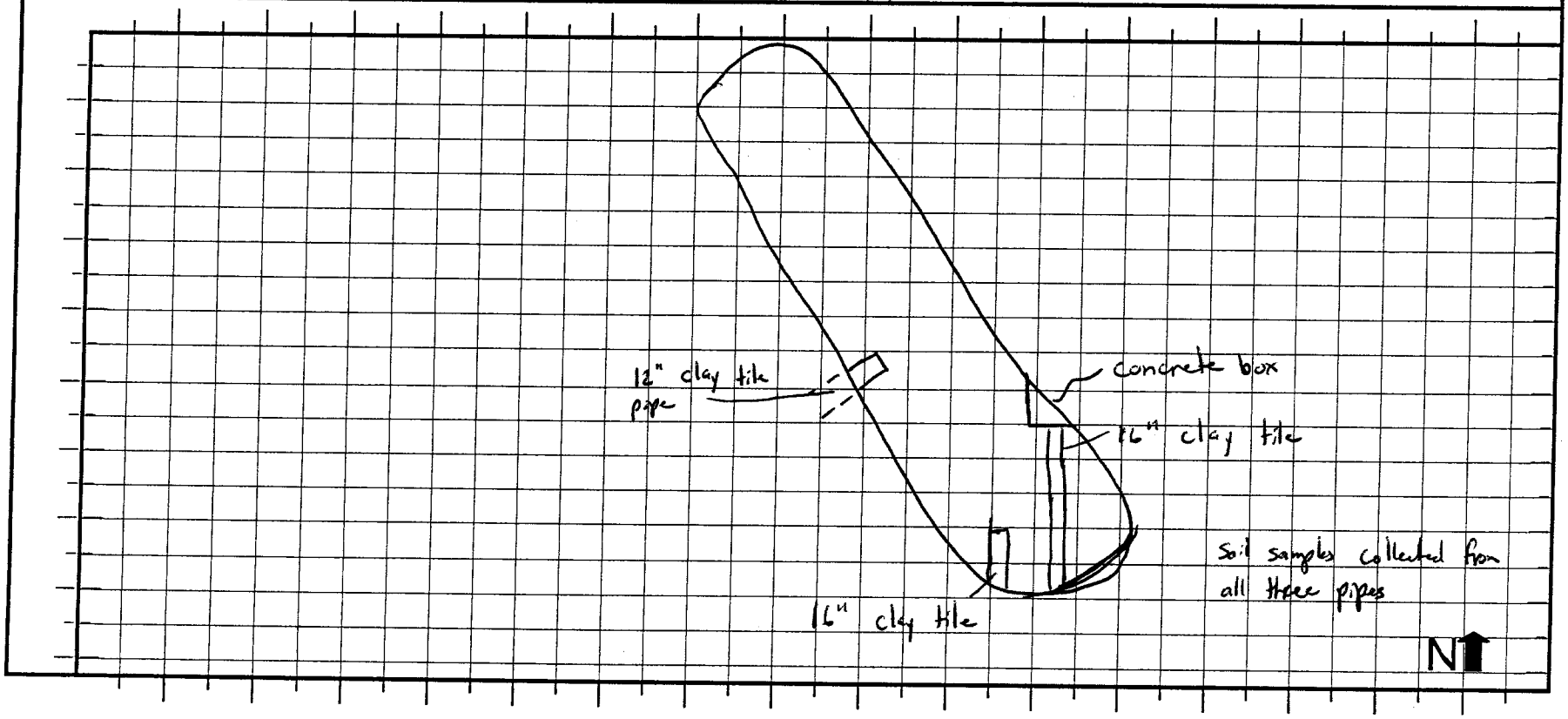
EXCAVATION EQUIPMENT USED : Komatsu PC400 DATE EXCAVATED: 11-3-04

WATER LEVEL : none APPROX. DIMENS: Length: 35' Width: 8' Max. Depth: 11'

SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.

COMMENTS:
Asphalt was present ~3' bgs over entire area of trench.
Sand fill present beneath asphalt

TEST PIT DIMENSIONS (FT)



CH2MHILL

| PROJECT NUMBER | TEST PIT NUMBER | |
|---|---|---|
| 321099.EN.01 | TT2004-07 | Sheet 1 of 1 |

# TEST PIT LOG

PROJECT : Velsicol Main Plant Site LOCATION : St. Louis, Michigan LOGGER : R. Stryker & D. Shekoski

ELEVATION : ~735 CONTRACTOR : SACAL / NESC

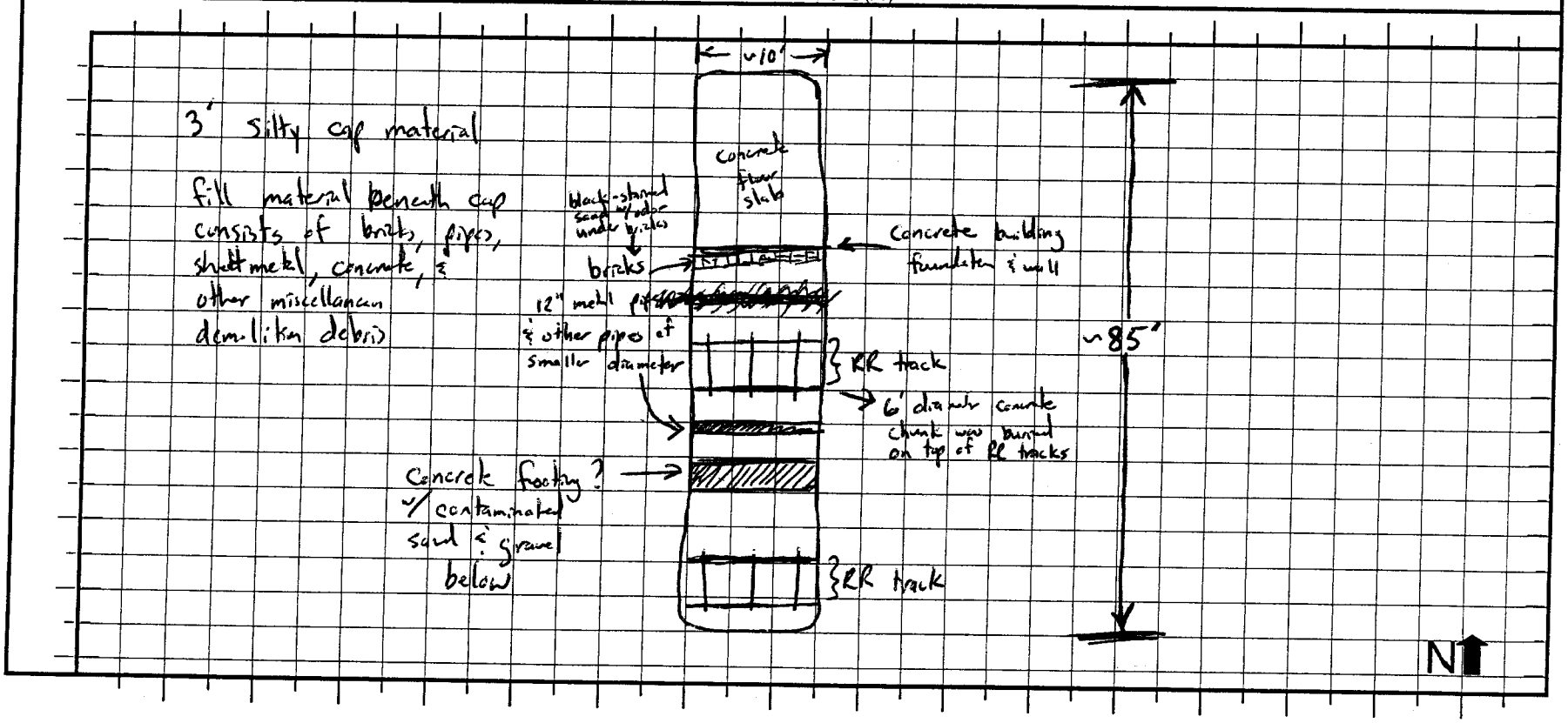
EXCAVATION EQUIPMENT USED : Komatsu PC400 DATE EXCAVATED: 11/3/04 & 11/4/04

WATER LEVEL : ~ 12' bgs APPROX. DIMENS: Length: 85' Width: 10' Max. Depth: ~20' bgs

SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.

COMMENTS:

TEST PIT DIMENSIONS (FT)




TPLog.XLS

CH2MHILL

| PROJECT NUMBER | TEST PIT NUMBER | |
|---|---|---|
| 321099.EN.01 | TT2004-08 | Sheet 1 of 1 |

# TEST PIT LOG

PROJECT : Velsiocol Main Plant Site LOCATION : St. Louis, Michigan LOGGER : R. Stryker

ELEVATION : ~ 733' CONTRACTOR : SPICER / NESC

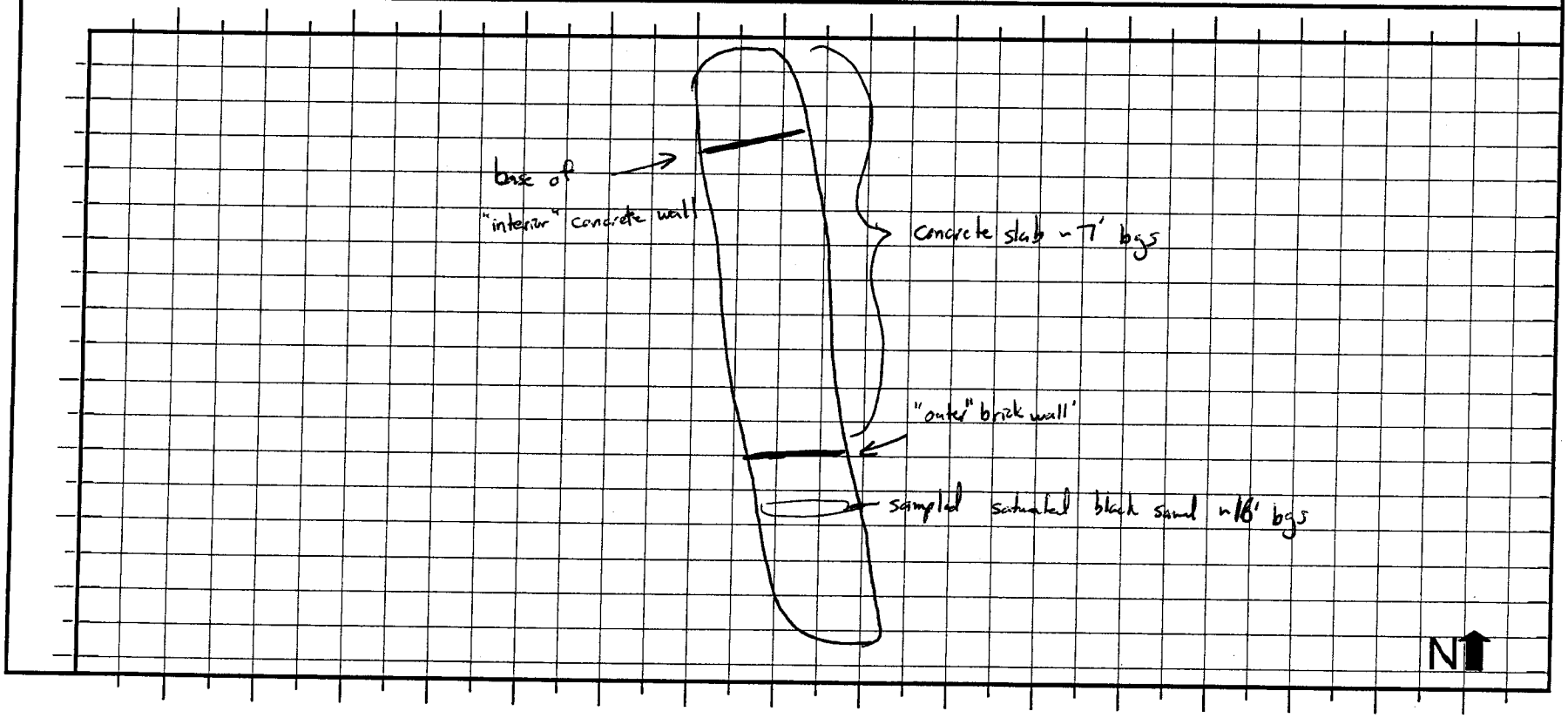
EXCAVATION EQUIPMENT USED : Komatsu PC400 DATE EXCAVATED: 11/1/04

WATER LEVEL : ~ ~~733'~~ 10' bgs APPROX. DIMENS: Length: 74' Width: 8' Max. Depth: 17'

SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.

COMMENTS:
3' clean material overlying fill & demolition debris

TEST PIT DIMENSIONS (FT)




TPLog.XLS

CH2MHILL

PROJECT NUMBER 321099.EN.01

TEST PIT NUMBER TT2004-09 (2 trenchs) Sheet 1 of 1

# TEST PIT LOG

PROJECT : Velsicol Main Plant Site LOCATION : St. Louis, Michigan LOGGER : R. Stryker

ELEVATION : ~728' CONTRACTOR : SACAL / NESC

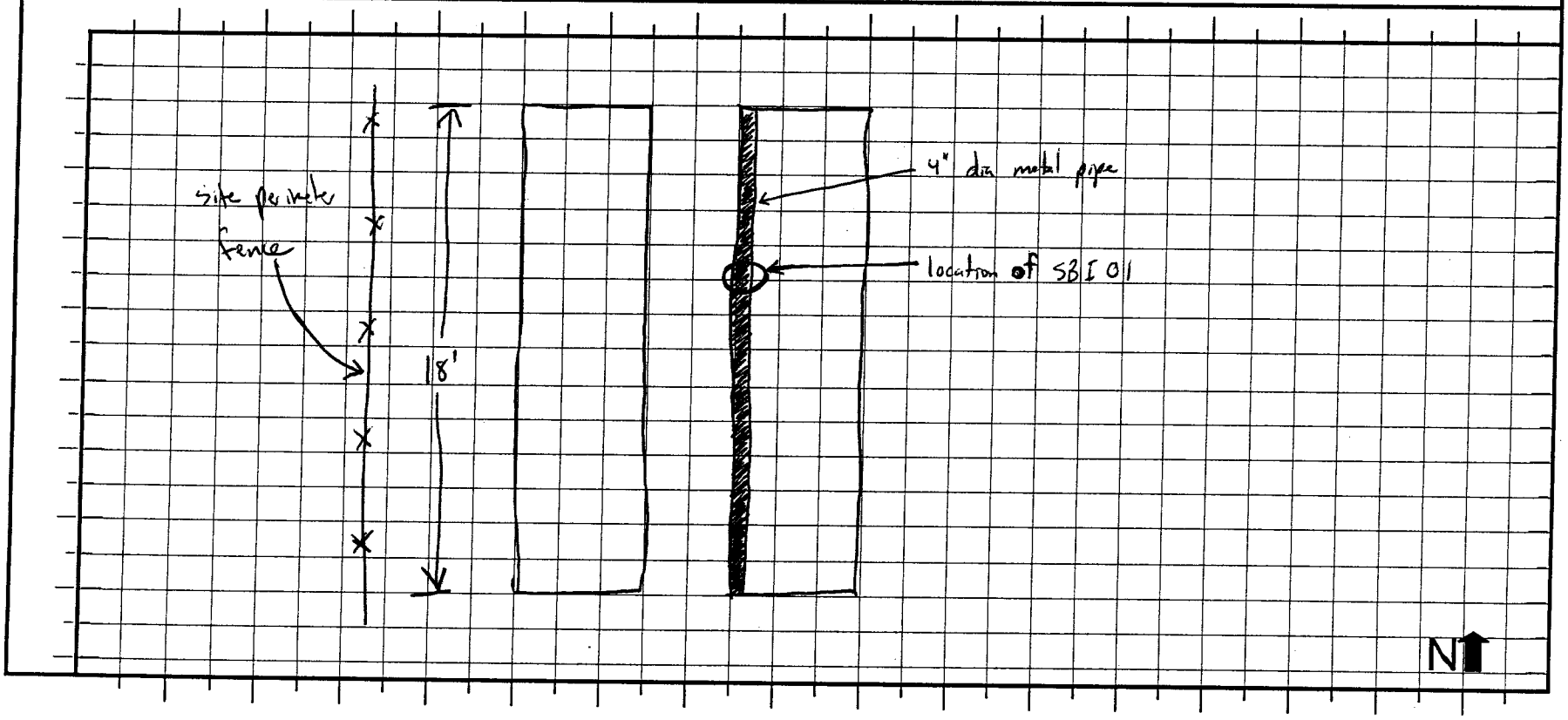
EXCAVATION EQUIPMENT USED : Komatsu PC400 DATE EXCAVATED: 11/5/04

WATER LEVEL : none APPROX. DIMENS: Length: 8' (x2) Width: ~~5'~~ each Max. Depth: ~10'

SOIL DESCRIPTION: SOIL NAME, USCS GROUP SYMBOL, COLOR, MOISTURE CONTENT, RELATIVE DENSITY, OR CONSISTENCY, SOIL STRUCTURE, MINERALOGY.

COMMENTS:

TEST PIT DIMENSIONS (FT)




TPLog.XLS