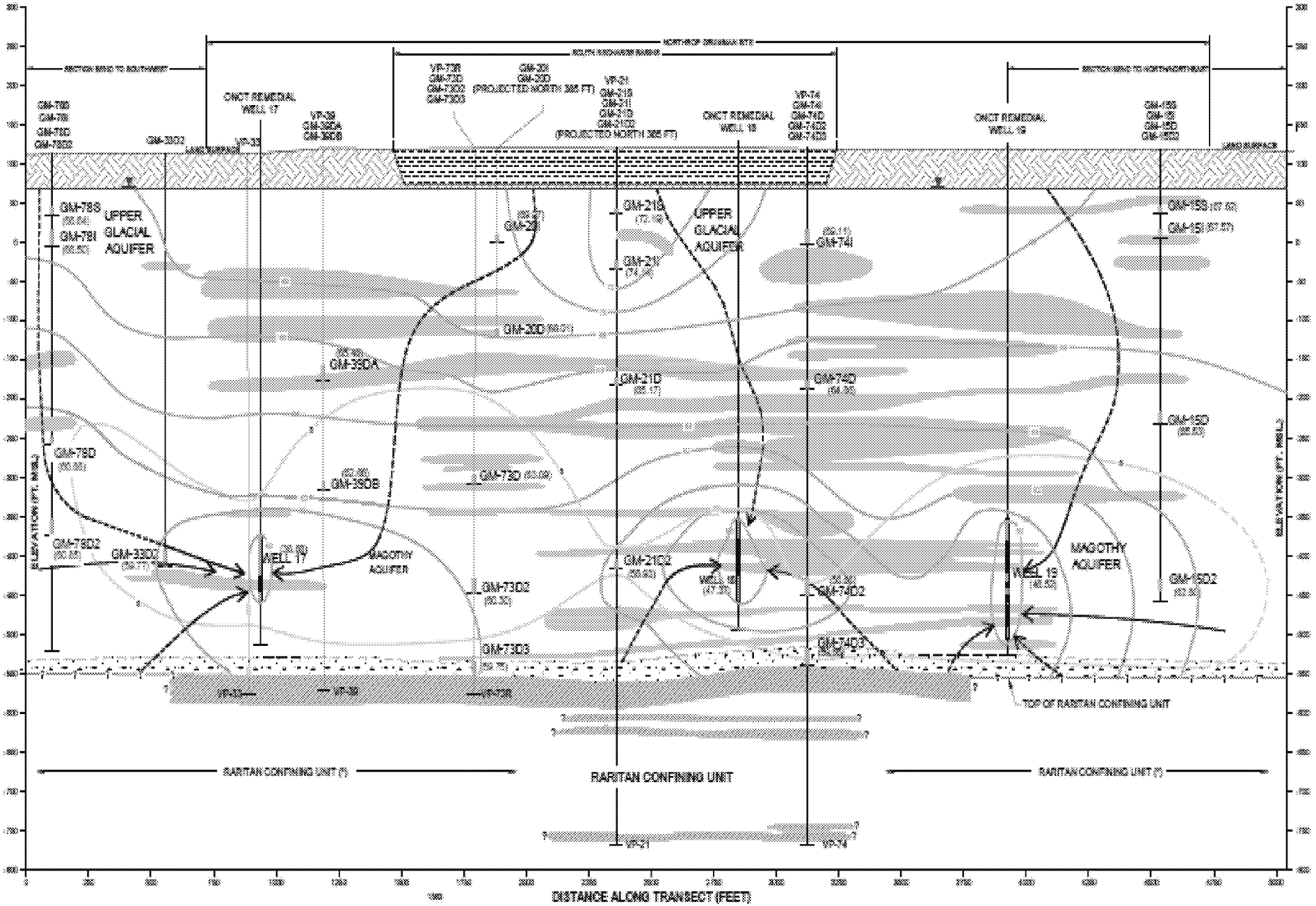
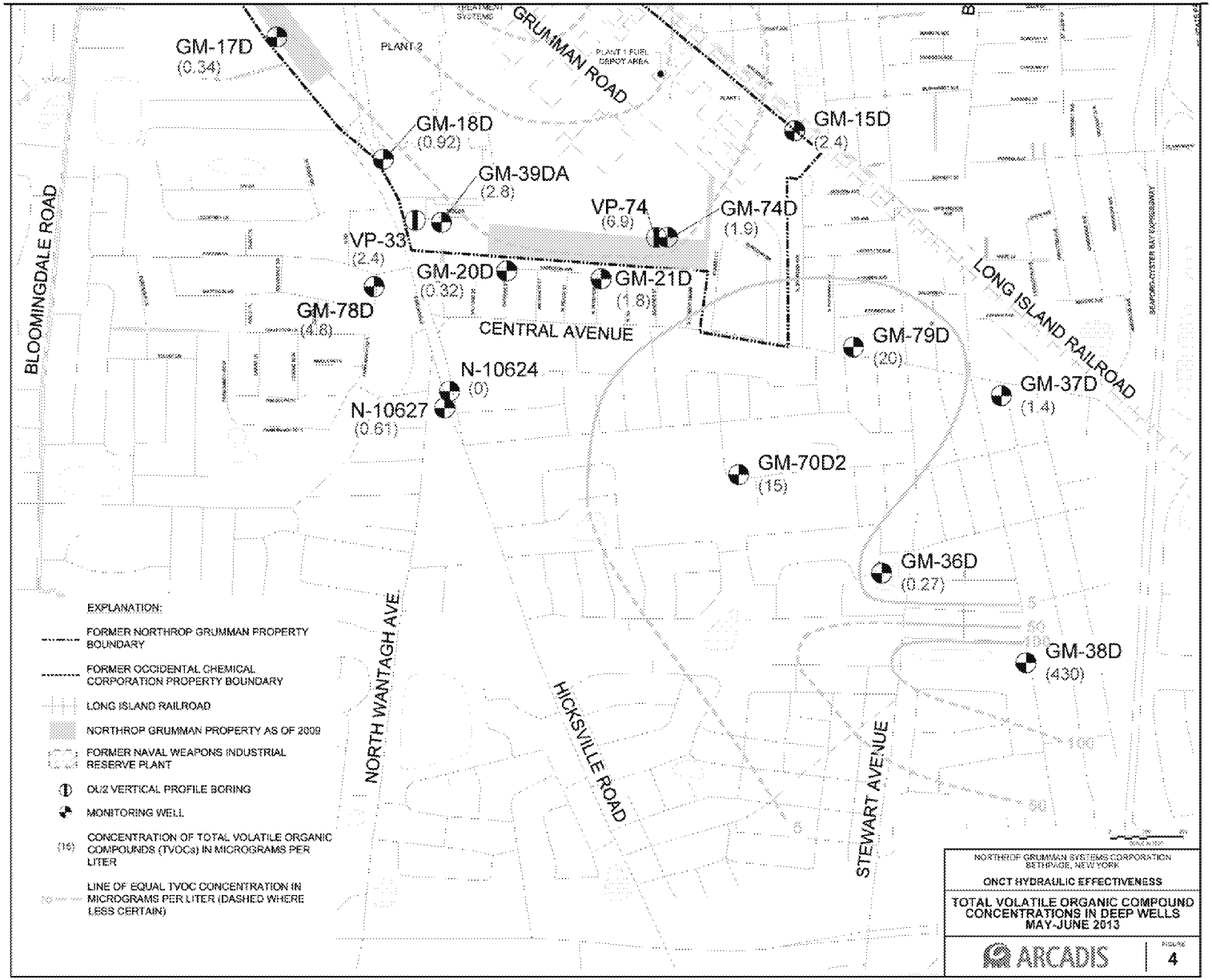
OU2 Off-Site Hot Spot (VP-142/Well BWD 6-2)

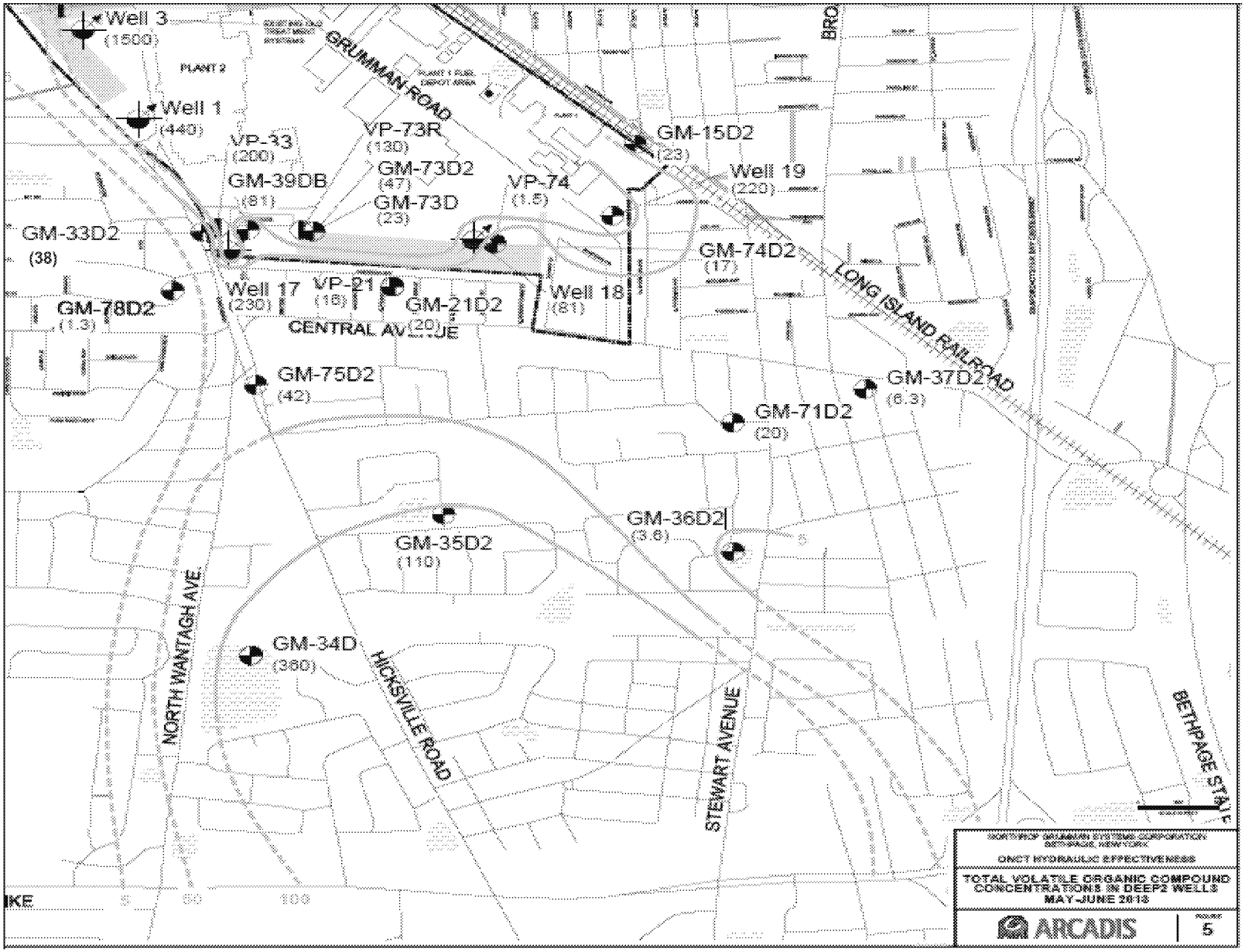
- Key Conclusions for ONCT System:
  - Preventing off-site VOC migration since startup (Nov-1998)
  - Hydraulic containment is being achieved
- Groundwater Quality (VOCs):
  - Elevated VOC-impacts migrated off-site prior to 1994 and startup of ONCT System
  - Historical trends for GM-33D2 and GM-75D2


UPPER GLACIAL AQUIFER
UPPER GLACIAL AQUIFER
MAGOTHY AQUIFER
MAGOTHY AQUIFER
WELL 17
WELL 18
WELL 19
TOP OF RARITAN CONFINING UNIT
RARITAN CONFINING UNIT (?)
RARITAN CONFINING UNIT
RARITAN CONFINING UNIT (?)
DISTANCE ALONG TRANSECT (FEET)



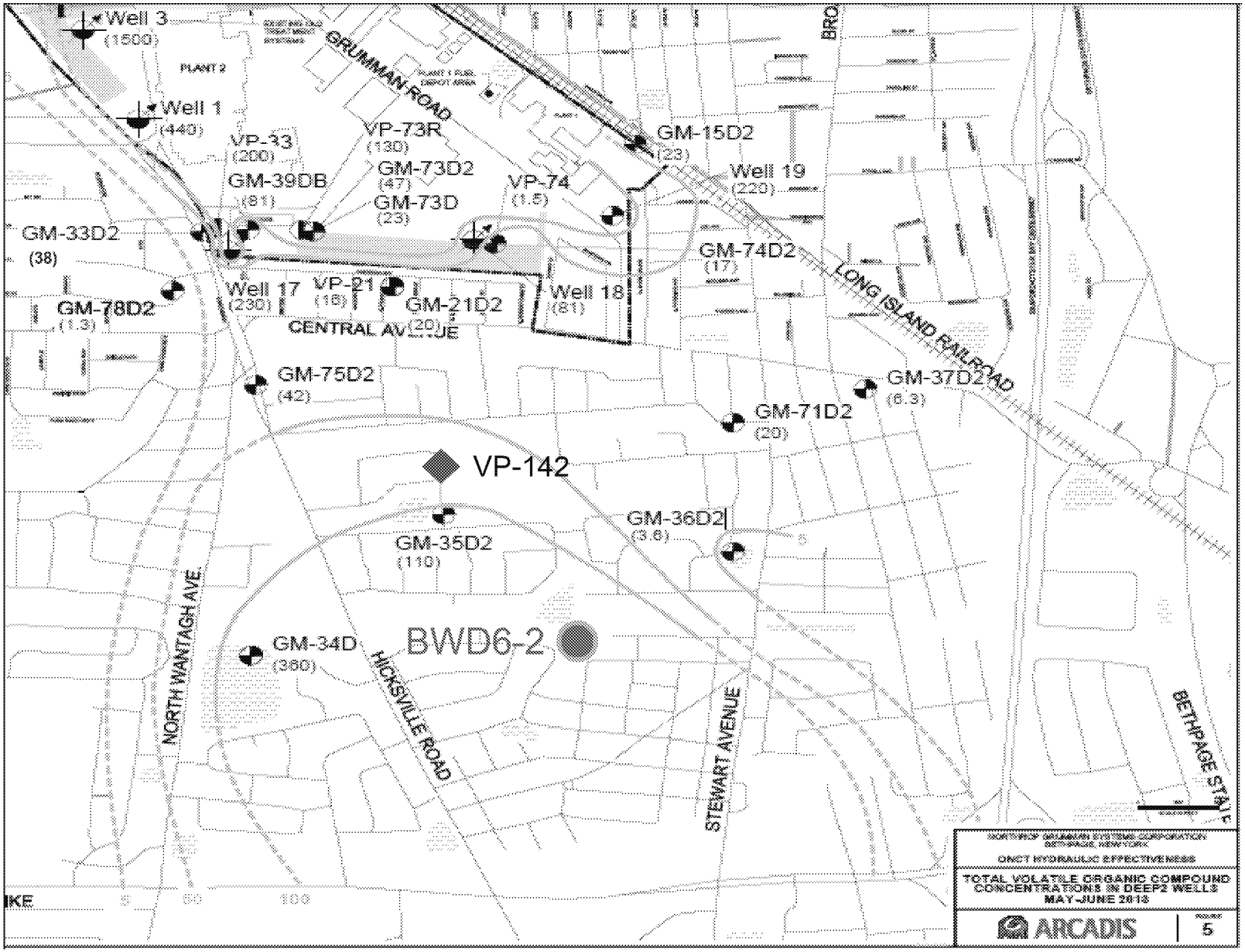
Imagine the result

ARCADIS



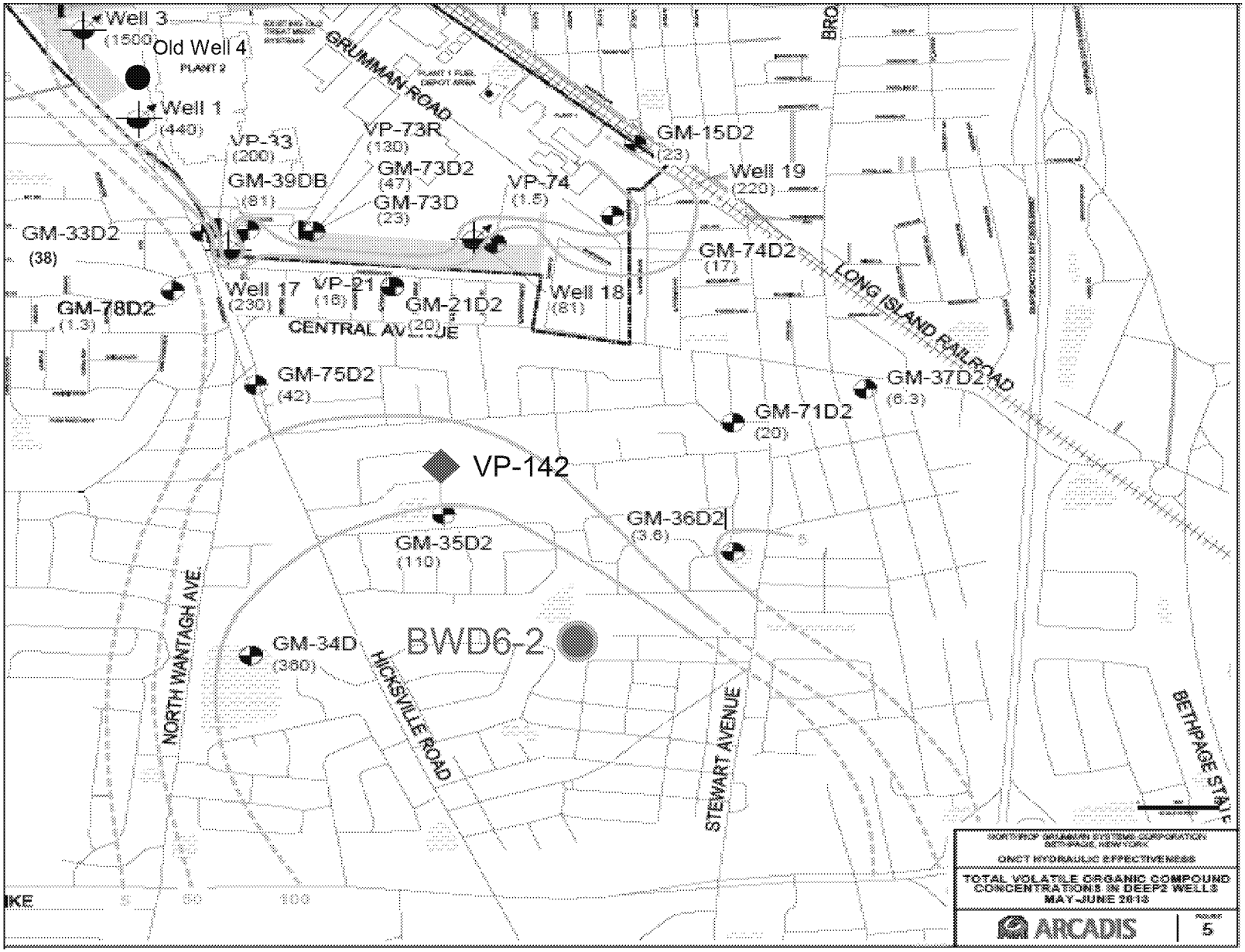
Imagine the result

ARCADIS



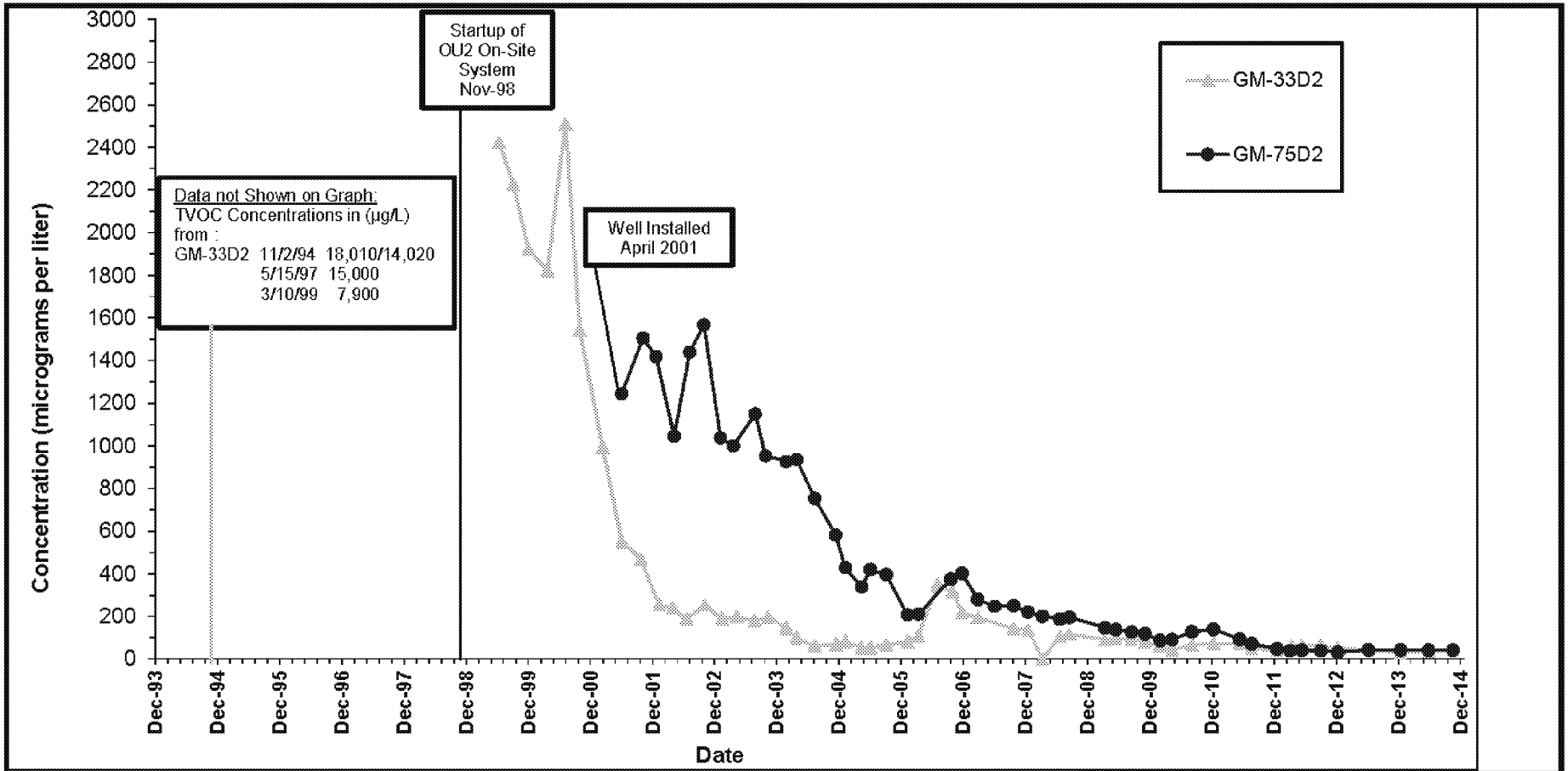
Imagine the result

ARCADIS



Imagine the result

ARCADIS



Abbreviations:
VOC= Volatile Organic Compound
Total VOCs = Sum of VOCs detected
µg/L = micrograms per liter

Historical Well Data not Shown on Graph (TVOCs ug/L):
- Well 4: (1974-79) 25,000 (max)
- Well 1: (1980-89) 14,300 (max)
- Well 17 (1998) : 7,200

NORTHROP GRUMMAN SYSTEMS CORPORATION
BETHPAGE, NEW YORK
OPERABLE UNIT 2

Total Volatile Organic Compound Concentrations in Monitoring Wells (GM-33D2 and GM-75D2)

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Imagine the result

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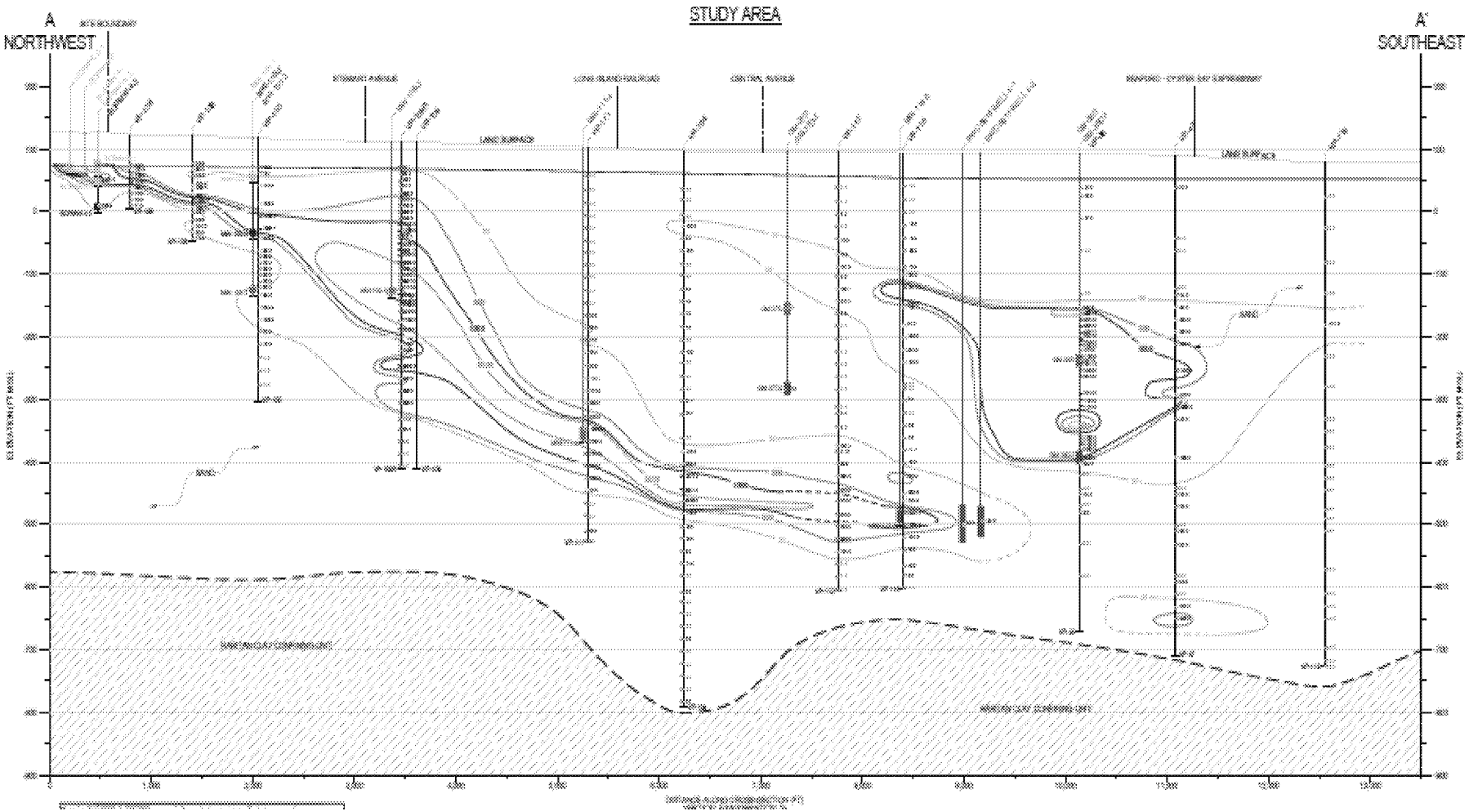
OU3
Pre-Design Investigation for Groundwater Hotspot

Study Area RI X-Section



Imagine the result

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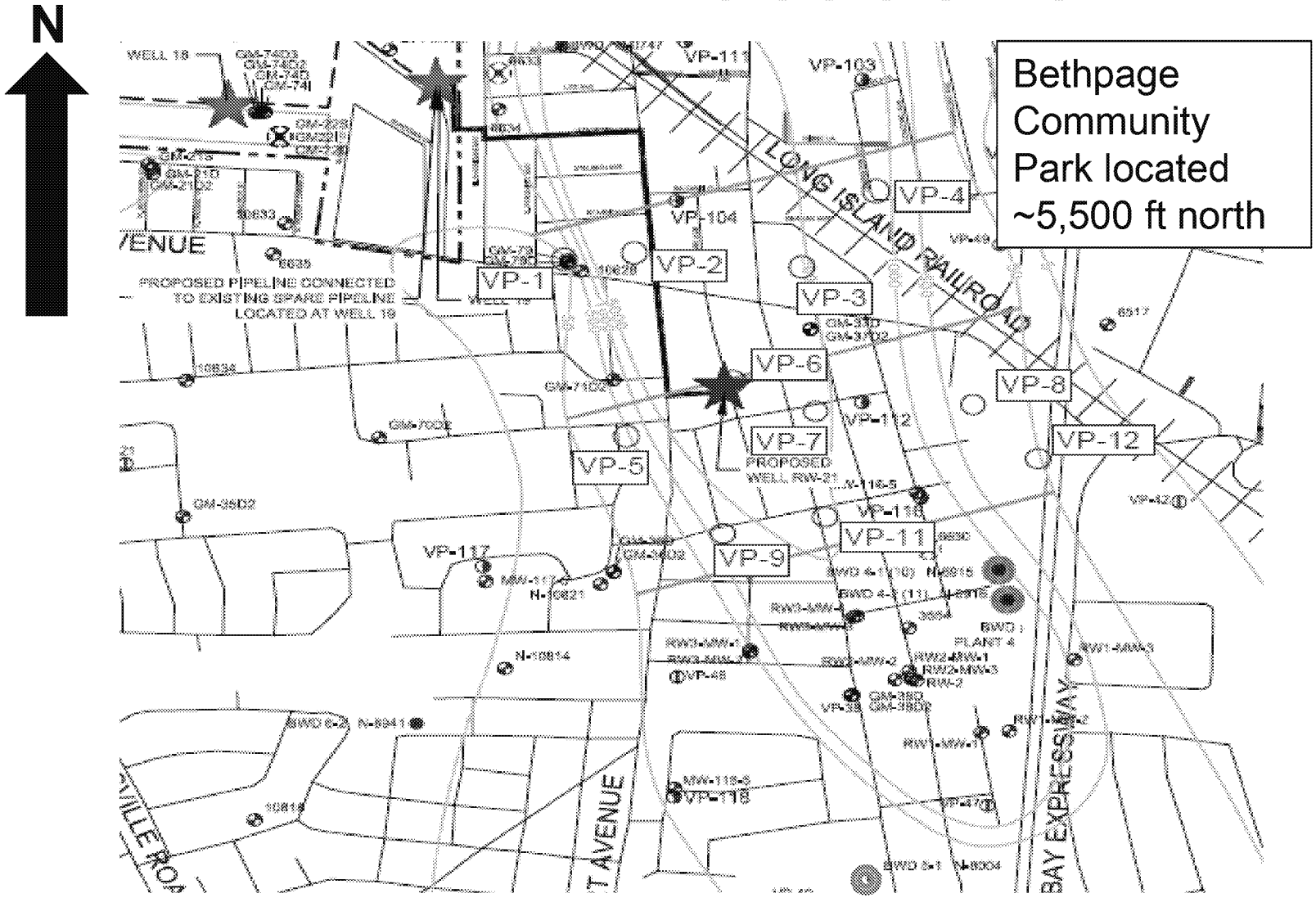
VPB Locations



Imagine the result

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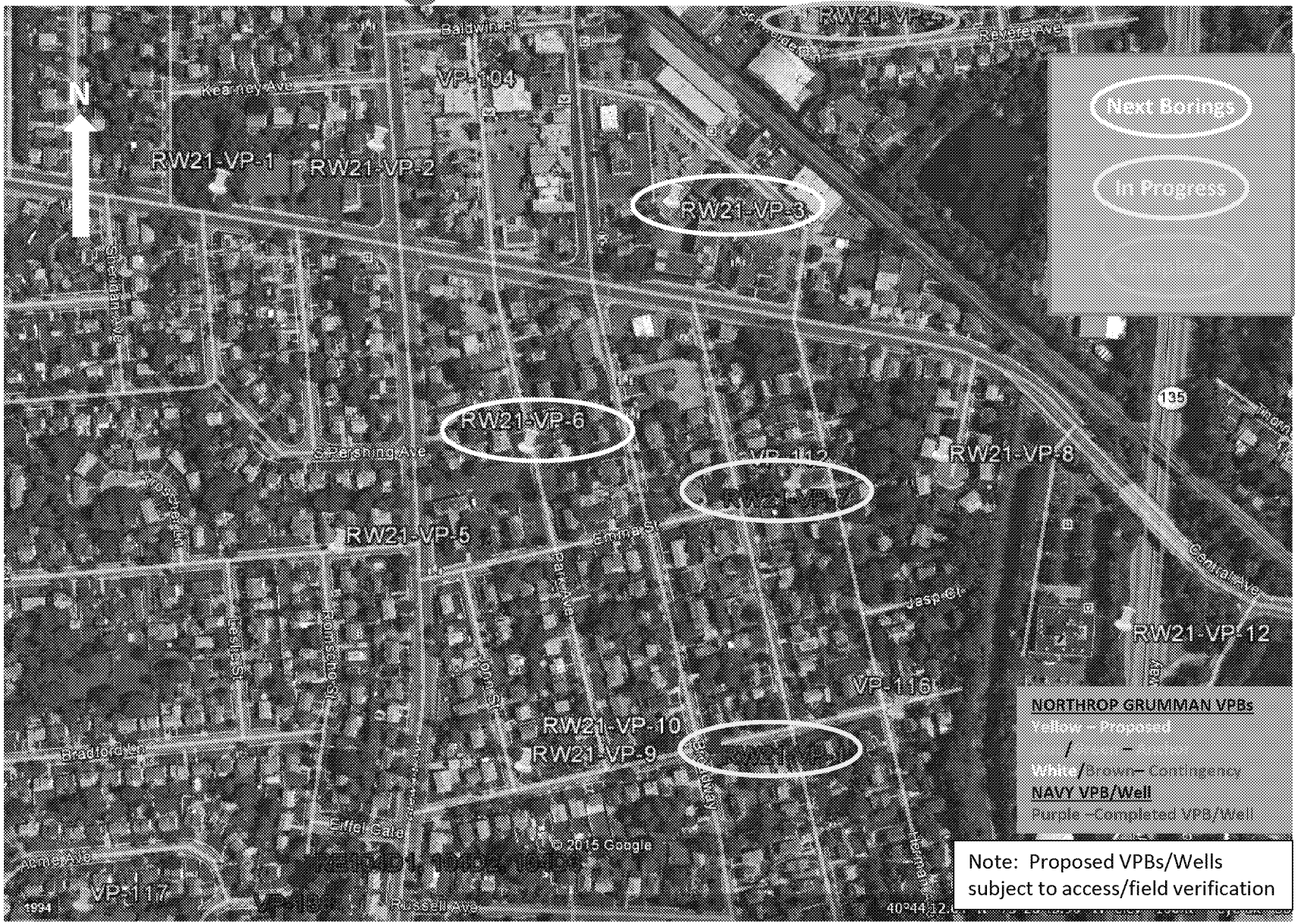
Drilling Status 2/24/15



Note: Proposed VPBs/Wells subject to access/field verification

Off-Site Drilling Setup

Imagine the result

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