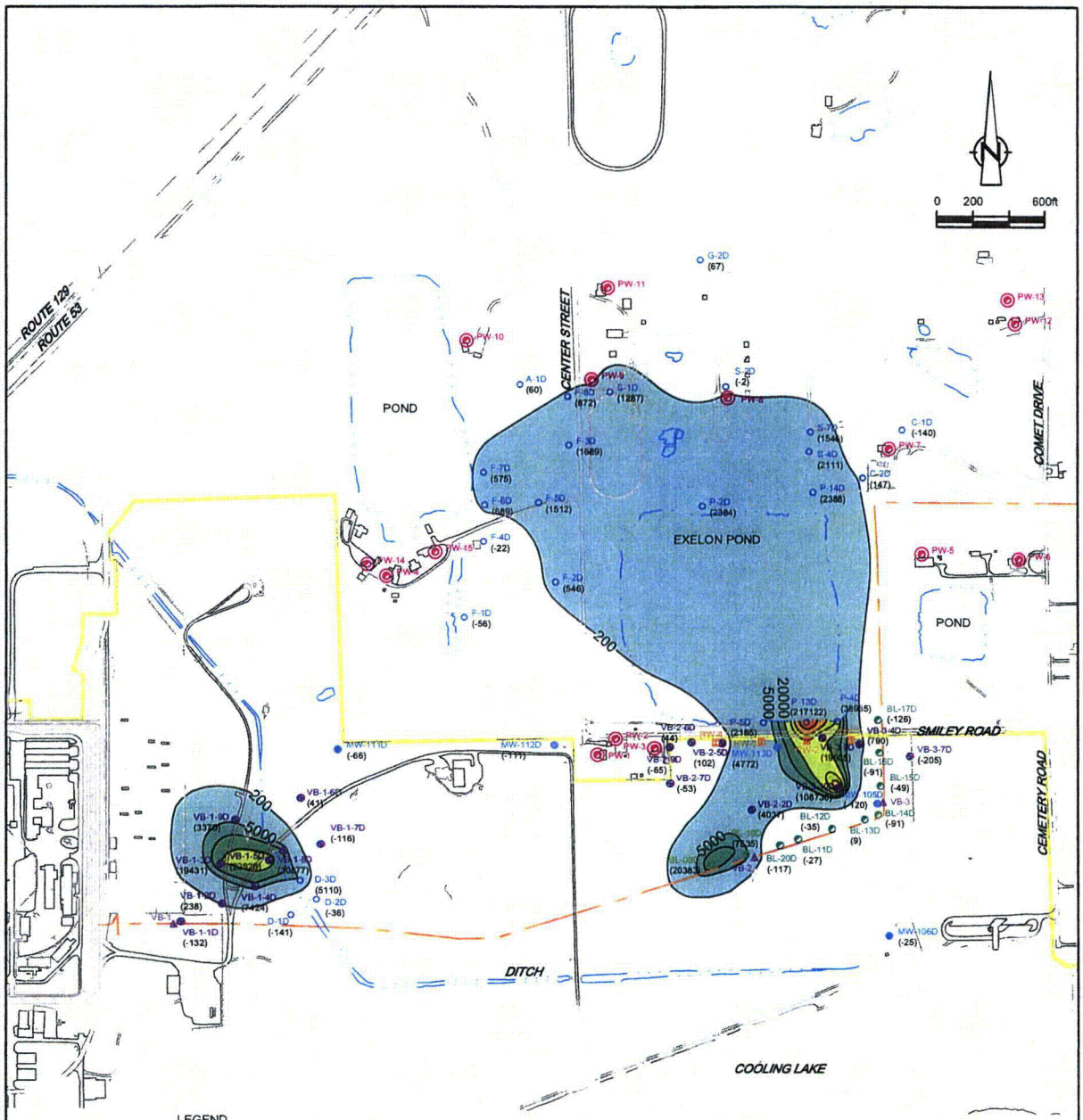
Exept to 4

118 million gal
1.2 Ci removed



LEGEND

- EXISTING FENCE LINE
- EXISTING PERIMETER DITCH LIMITS
- BLOWDOWN LINE
- PLANT PROPERTY LINE
- BL-17D — DEEP BLOWDOWN LINE SAMPLING LOCATION
- VB-3 — VACUUM BREAKER LOCATION
- VB-3-7D — DEEP VACUUM BREAKER SAMPLING LOCATION
- MW-113D — DEEP MONITORING WELL LOCATION
- PW-5 — PRIVATE WELL LOCATION
- P-4D — DEEP TEMPORARY WELL LOCATION
- PW-6P — POND SAMPLING LOCATION
- DEEP RECOVERY WELL LOCATION
- (2,484) — TRITIUM RESULT IN GROUNDWATER
- 200 — TRITIUM CONTOUR

- TRITIUM RESULTS 200,000 TO 250,000 (PICOCURIES/LITER)
- TRITIUM RESULTS 100,000 TO 200,000
- TRITIUM RESULTS 60,000 TO 100,000
- TRITIUM RESULTS 40,000 TO 60,000
- TRITIUM RESULTS 20,000 TO 40,000
- TRITIUM RESULTS 10,000 TO 20,000
- TRITIUM RESULTS 5,000 TO 10,000
- TRITIUM RESULTS 200 TO 5,000
- TRITIUM RESULTS 0 TO 200

NOTE:
BACKGROUND TRITIUM CONCENTRATION: 200 PCI/L
DRINKING WATER STANDARD FOR TRITIUM: 20,000 PCI/L
TRITIUM DATA FOR SAMPLES COLLECTED THROUGH JANUARY 30, 2006. CONTOURS WERE GENERATED USING LOG VALUES.

figure 6.2

ESTIMATED TRITIUM RESULTS
DEEP GROUNDWATER ZONE
EXELON GENERATION BRAIDWOOD STATION
Braceville, Illinois

16841-11(012)GN-WA023 MAR 21/2006

H-33

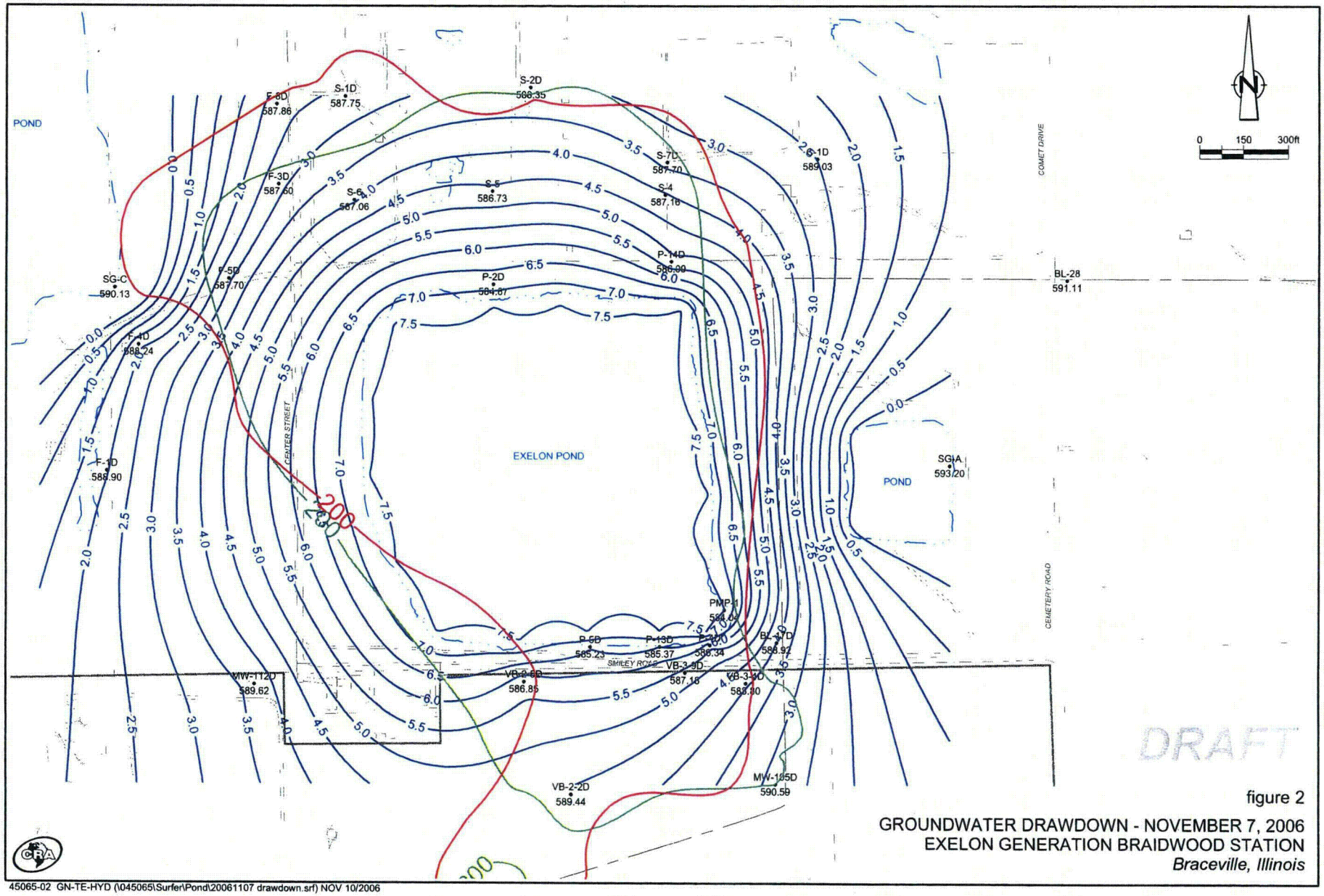
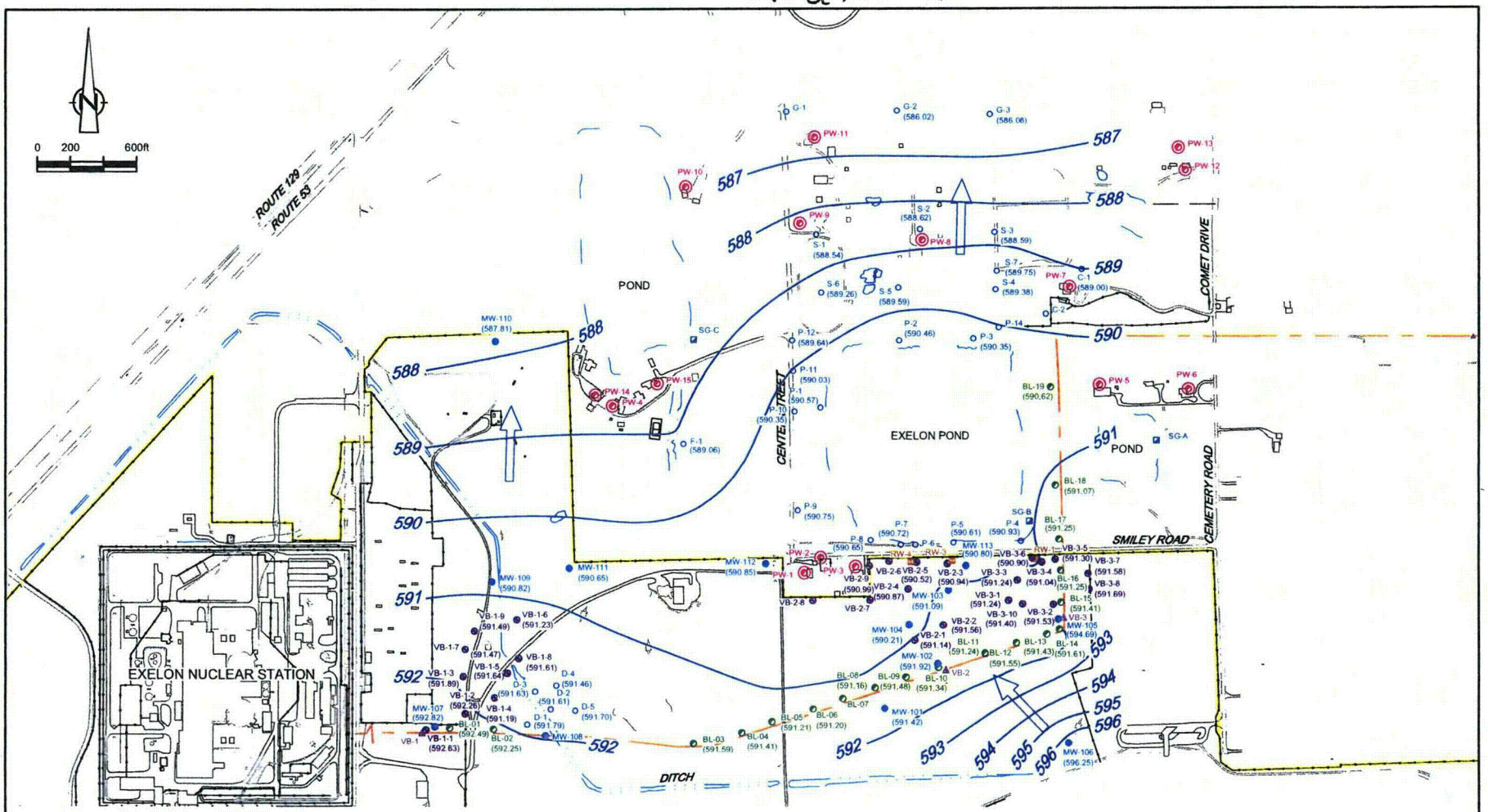


figure 2

GROUNDWATER DRAWDOWN - NOVEMBER 7, 2006
EXELON GENERATION BRAIDWOOD STATION
Braceville, Illinois

45065-02 GN-TE-HYD (\045065\Surfer\Pond\20061107 drawdown.srf) NOV 10/2006

Pre - Remediation



LEGEND

	EXISTING FENCE LINE	MW-105	MONITORING WELL LOCATION
	BLOWDOWN LINE	PW-5	PRIVATE WELL LOCATION
	PLANT PROPERTY LINE	P-11	TEMPORARY WELL LOCATION
VB-3	VACUUM BREAKER LOCATION	RW-3	RECOVERY WELL LOCATION
BL-19	BLOWDOWN LINE SAMPLING LOCATION	(590.80)	GROUNDWATER ELEVATION (ft AMSL)
VB-3-7	VACUUM BREAKER SAMPLING LOCATION	591	GROUNDWATER ELEVATION CONTOUR (ft AMSL)
SG-B	STAFF GAUGE LOCATION		GROUNDWATER FLOW DIRECTION

NOTE:
MONITORING WELL DATA TAKEN JANUARY 3, 2006 TO JANUARY 5, 2006.

figure 5.6

GROUNDWATER LEVEL CONTOURS - JANUARY 2006
SHALLOW GROUNDWATER ZONE
EXELON GENERATION BRAIDWOOD STATION
Braceville, Illinois

16841-11(012)GN-WA018 MAR 21/2006

Current

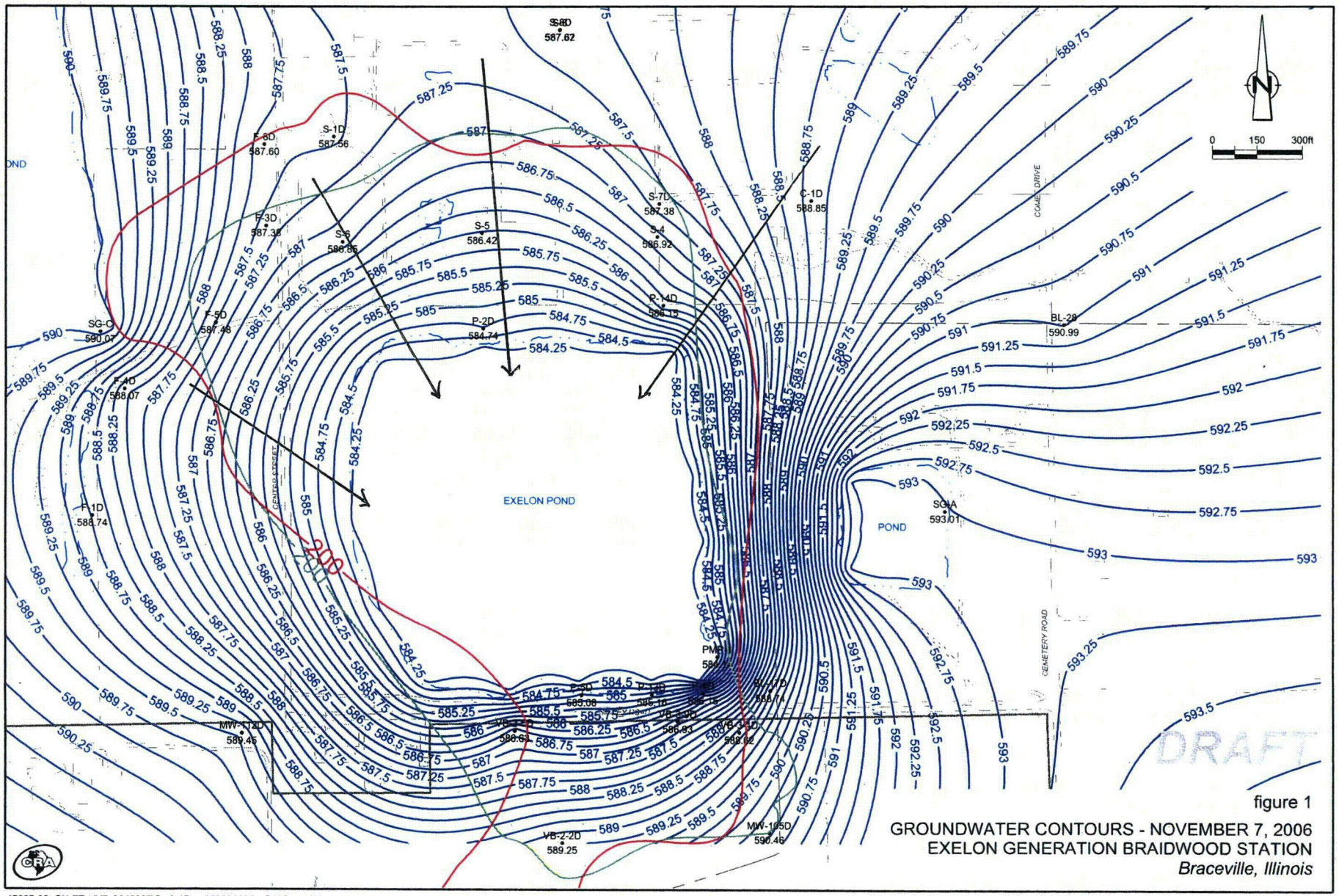


figure 1

GROUNDWATER CONTOURS - NOVEMBER 7, 2006
EXELON GENERATION BRAIDWOOD STATION
Braceville, Illinois

45065-02 GN-TE-HYD (\045065\Surfer\Pond\20061107.srf) NOV 10/2006

PRE - REMEDIATION

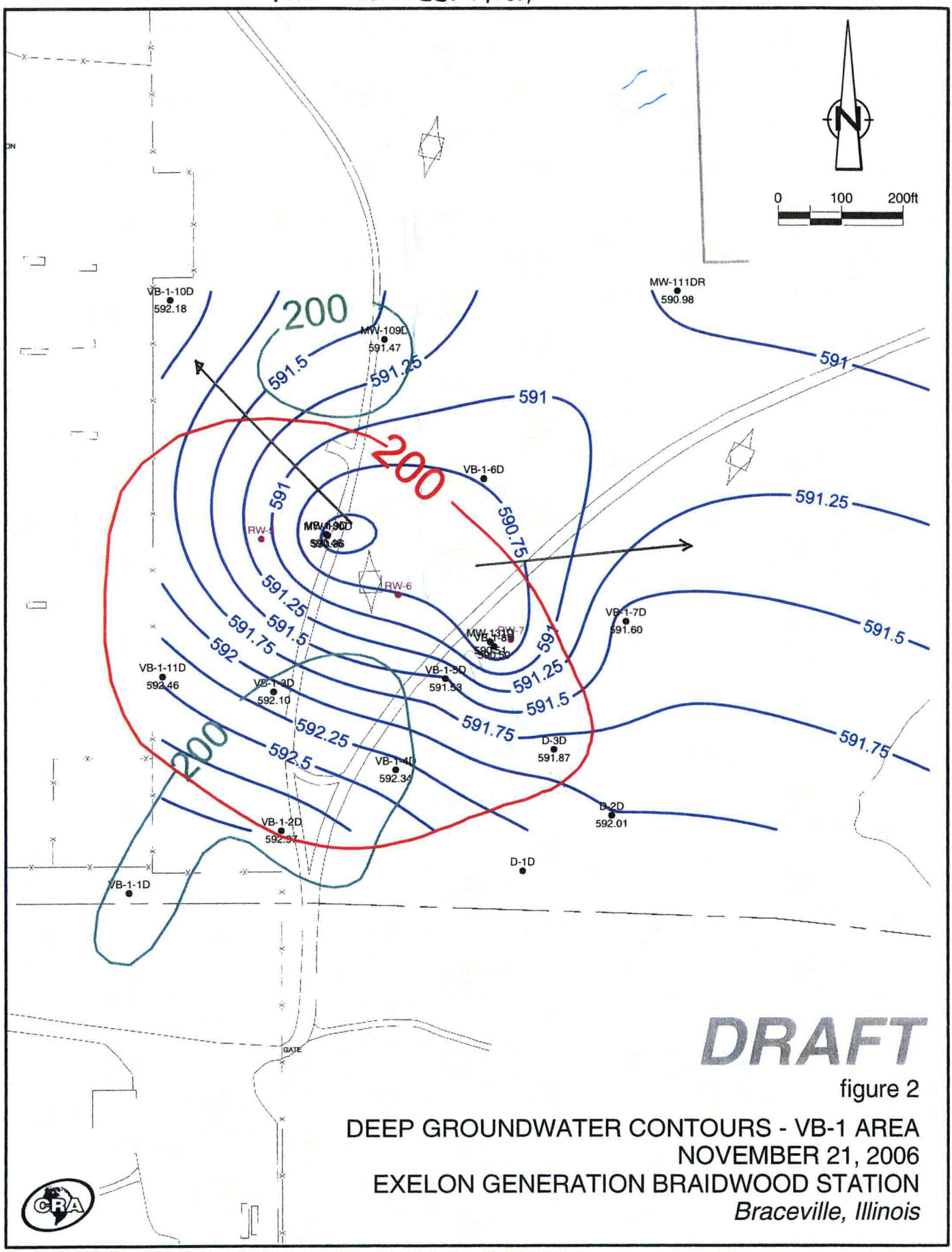
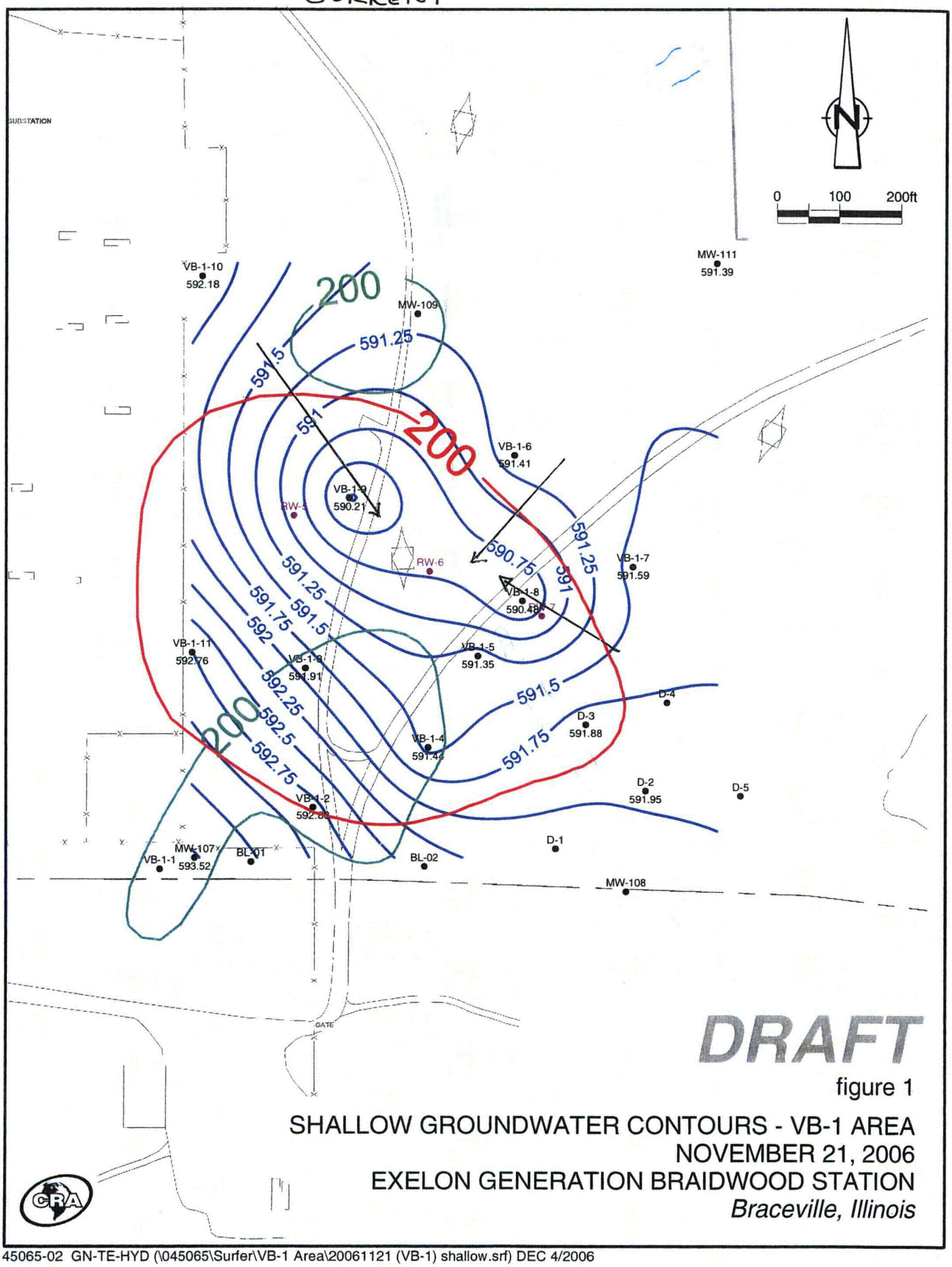


figure 2

DEEP GROUNDWATER CONTOURS - VB-1 AREA
NOVEMBER 21, 2006
EXELON GENERATION BRAIDWOOD STATION
Braceville, Illinois

45065-02 GN-TE-HYD (\045065\Surfer\VB-1 Area\20061121 (VB-1) deep.srf) DEC 4/2006

CURRENT



DRAFT

figure 1

SHALLOW GROUNDWATER CONTOURS - VB-1 AREA
NOVEMBER 21, 2006
EXELON GENERATION BRAIDWOOD STATION
Braceville, Illinois

45065-02 GN-TE-HYD (\045065\Surfer\VB-1 Area\20061121 (VB-1) shallow.srf) DEC 4/2006