NOTES:

1. MONITORING WELL MW-6 TO BE FIELD LOCATED ON EAST SIDE OF DIABASE.
2. STATIC WATER LEVELS FOR ALL PIEZOMETERS AND CITY OF RALEIGH MONITORING WELLS MEASURED ON 10/03/01. SUPPLEMENTAL DATA FOR CONSTRUCTION OF GROUNDWATER CONTOURS TAKEN FROM TEST PITS ON 08/28-30/01, BORINGS B-1 THROUGH B-15 ON 10/01-02/01, AND CORE LOCATIONS C-1 THROUGH C-5 AND BORINGS B-16 THROUGH B-18 MEASURED ON 11/13-15/01.
3. GEOPHYSICAL ANOMOLIES AND DIKE INTERPRETATIONS TAKEN FROM GEOPHYSICAL INVESTIGATION REPORT BY PYRAMID ENVIRONMENTAL, INC. (IN APPENDIX 2).
4. THE LOCATIONS OF TEST PITS, BORINGS, CORE LOCATIONS, AND WELL 28B ARE APPROXIMATE.
5. THE COORDINATES FOR ALL "WELLS" AND "TEST WELLS" WERE TAKEN FROM WATER RESOURCES RESEARCH INSTITUTE SPECIAL REPORT SERIES NO. 20 (JANUARY 2000). HOWEVER, THE GIVEN LOCATION FOR WELL 28B DID NOT MATCH THE FIELD LOCATION AND THE PLOTTED WELL LOCATION WAS MOVED TO THE APPROPRIATE APPROXIMATE LOCATION.

LEGEND:

- DIABASE OUTCROP
- GRANITE OUTCROP
- STRIKE AND DIP OF JOINT SETS (62)
- GROUNDWATER CONTOUR
- LAND APPLICATION PERMIT SITES (540)
- PIEZOMETER LOCATIONS
- MONITORING WELL LOCATIONS
- POTABLE WATER WELLS

GRAPHIC SCALE
0 100 200 400
(FEET)

PROPOSED NORTHERN DISPOSAL AREA

PROPOSED SOUTHERN DISPOSAL AREA

PROPOSED P-28

PROPOSED FACILITY PROPERTY BOUNDARY

BROWN FIELD ROAD (60' PUBLIC R.O.W.)

SR 2542 OLD BAUCOM ROAD (60' PUBLIC R.O.W.)

SR 2553

FARMDALE RD. (PRIVATE 60' EASEMENT)

TEST WELL 27

TEST WELL 40

WELL 39

WELL 38

WELL 60

WELL 28

WELL 28C

WELL 28A

WELL 28D

WELL 52

WELL 51

MW-1 MW-2 MW-3 MW-4 MW-5 MW-6 MW-7

SW-1 SW-2 SW-3

P-1D P-1S P-2 P-3 P-4 P-5 P-6 P-7 P-8 P-9 P-10 P-11 P-12 P-13 P-14 P-15 P-16 P-17 P-18 P-19 P-20 P-21 P-22 P-23 P-24 P-25 P-26 P-27

WE 228.1 WE 268.2 WE 274.8

N 714500 N 714000 N 713500 N 713000 N 712500 N 712000 N 711500 N 711000 N 710500

E 2144500 E 2149500

NO	BY	CK	APP	DATE	REVISIONS AND RECORD OF ISSUE

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DESIGNED DRM
DRAWN CADD/RMJ
CHECKED DRM
APPROVED DRM
DATE 7/8/02

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SCALE 1"=200'

PROJECT NO. 479.02.04

JOYCE ENGINEERING, INC.
2200 W. MEADOWVIEW RD.
GREENSBORO, N.C.
PHONE: (336) 323-0092

MATERIAL RECOVERY, LLC
WAKE COUNTY, NORTH CAROLINA

PEIZOMETER AND MONITORING WELL LOCATION PLAN

DRAWING NO. 1

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