



- KEY:**
- POSSIBLE EASTERN CORRIDOR (WITHOUT OVERTAKING POTENTIAL)
 - MODIFIED EASTERN CORRIDOR (SOUTH OF MORETON LANE THE CORRIDOR FOLLOWS THE RED ROUTE OF THE INITIAL EASTERN CORRIDOR)
 - POSSIBLE WESTERN CORRIDOR (WITH OVERTAKING POTENTIAL)
 - POSSIBLE WESTERN CORRIDOR (WITHOUT OVERTAKING POTENTIAL)
 - INNER WESTERN CORRIDOR 1
 - INNER WESTERN CORRIDOR 2

- VULNERABILITY CLASSES**
- | GEOLOGICAL CLASSES | SOIL CLASSES |
|---------------------------------------|---------------------|
| MINOR AQUIFER (VARIABILITY PERMEABLE) | LOW |
| NON-AQUIFER (NEGIGIBLY PERMEABLE) | HIGH (H) 1, 2, 3, U |

EXPLANATION OF SOIL CLASSES

H1 - SOILS WHICH READILY TRANSMIT LIQUID DISCHARGES BECAUSE THEY ARE EITHER SHALLOW OR SUSCEPTIBLE TO RAPID FLOW DIRECTLY TO ROCK, GRAVEL OR GROUND WATER.

H3 - COARSE TEXTURED OR MODERATELY SHALLOW SOILS WHICH READILY TRANSMIT NON-ADSORBED POLLUTANTS & LIQUID DISCHARGES BUT WHICH HAVE SOME ABILITY TO ATTENUATE ABSORBED POLLUTANTS BECAUSE OF THEIR CLAY OR ORGANIC MATTER CONTENTS.



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Do not scale this drawing

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Environmental Stage 1 Report	Final	31.05.07	ST
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Project
**A415 NEWBRIDGE
 RIVER THAMES CROSSING**

Title
GROUND WATER VULNERABILITY

**REDUCED PLAN
 DO NOT SCALE**
 Scale 1:5000 @ A1
 Drawn By ALB
 Checked By
 Approved By
 Date 24.11.06
DRAFT

Drawing Number **FIGURE 8/2** Rev