



**LEGEND:**

- SETTLEMENT ANALYSES - CROSS SECTIONS (Blue dashed line)
- ROAD ALIGNMENT (Red line)
- NON PEAT (Light blue area)
- PEAT (Light green area)
- OFFSET FLOOD STORAGE AREA (Brown area)
- STORMWATER WETLAND (Green area)
- MONITORING:
  - EXISTING WELL FOR MONITORING (Red circle with cross)
  - COMBINED SETTLEMENT AND WELL MONITORING (Black star with CSM)
  - EXISTING SETTLEMENT MONITORING (Red triangle with SM)
  - PEAT CONTOUR (Black wavy line)
  - PEAT CONTOUR BASED ON LIMITED INFORMATION (Black dashed wavy line)
- TOTAL ESTIMATED SETTLEMENT (mm):
  - 12.5mm - 25mm (Light green)
  - 25mm - 50mm (Medium green)
  - 50mm - 100mm (Yellow)
  - 100mm - 200mm (Orange)
  - > 200mm (Red)

**NOTES:**

- CO-ORDINATE SYSTEM BASED ON "NEW ZEALAND TRANSVERSE MERCATOR 2000"
- ONLY SETTLEMENT MARKERS HAVE BEEN VERIFIED. BOREHOLES HAVE BEEN VERIFIED AS A SEPARATE EXERCISE ON A DIFFERENT SET OF DRAWINGS.

4	FOR SEMP UPDATE	DAP	WH	15.05.13	
3	FOR SEMP UPDATE	RAL	WH	09.04.13	
2	FOR INFORMATION	WZC	WH	09.04.13	
1	FOR INFORMATION	WZC	WH	24.05.12	
No.	Revision	By	Chk	Appd	Date

Original Scale (A1)	Design	LC	16.08.11	Approved For SAR
1:2500	Drawn	WZC	09.04.13	Date
Reduced Scale (A3)	Design Check			
1:5000				

\* Refer to Revision 1 for Original Signature

**Mackays to Peka Peka**

Project: SH1 MACKAYS TO PEKA PEKA EXPRESSWAY  
RP 1012/0.00 TO 1023/5.00

Title: SETTLEMENT MONITORING PLANS  
SHEET 10 OF 11

**FOR INFORMATION NOT FOR CONSTRUCTION**

Document Set: M2PP-SAR-SKT  
Drawing No: **GT-SE-330**  
Rev: 4

TARGET OUTTURN COST (TOC)