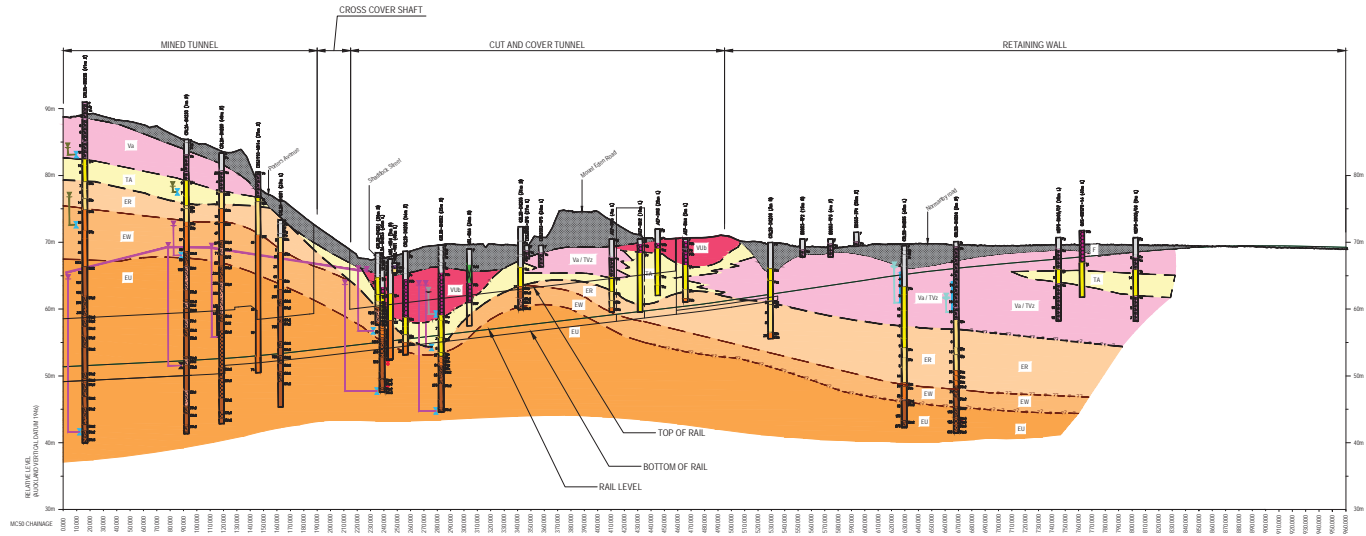
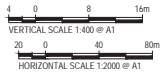


GEOLOGICAL AND HYDROGEOLOGICAL MODEL LONG SECTION (MC50)



LEGEND

GEOLOGY		GROUNDWATER		BOREHOLE
BOREHOLE	INTERPRETATION	INFERRED GROUND WATER LEVELS		
F	FILL	RECLAMATION (F / TA, TL)	GROUND WATER LEVEL READINGS PERCHED (ECBF, TA, Va) BASALT Ta / TVz REGIONAL ECBF (UPPER) INTERMEDIATE ECBF- KARANGAHAPE MEGA-BED - KARANGAHAPE REGIONAL ECBF (LOWER) D--- PIEZOMETER DRY	OFFSET FROM SECTION LINE (L=WEST, R=EAST) BOREHOLE NAME PROJECT CODE DISCONTINUITY (FAULT) INTERVALS OF COARSER SANDSTONES AND CONGLOMERATE STANDPIPE RESPONSE ZONE TRANSDUCER
TL	TAURANGA GROUP - LITTORAL (MARINE)	REGIONAL ECBF (LOWER)		
TA	TAURANGA GROUP - ALLUVIAL (NON-MARINE)	INTERMEDIATE ECBF - KARANGAHAPE		
Vub	AUCKLAND VOLCANIC FIELD - BASALT	MEGA-BED - KARANGAHAPE		
Va	AUCKLAND VOLCANIC FIELD - ASH	REGIONAL ECBF (UPPER)		
ER	EAST COAST BAYS FORMATION - (RESIDUAL SOIL - COMPLETELY WEATHERED)	GROUND WATER LEVEL READINGS		SPT N OR N' VALUES GROUND WATER LEVEL READING - MEET OF 15-19 APRIL 2013 (APBB - MB SERIES PIEZOMETERS FEB + MAR 2013)
EW	EAST COAST BAYS FORMATION - (HIGHLY WEATHERED - MODERATELY WEATHERED)	PERCHED (ECBF, TA, Va)		
EUz	EAST COAST BAYS FORMATION - (UNWEATHERED - SLIGHTLY WEATHERED)	BASALT		
EU3	WELL-CEMENTED SANDSTONE (MEGA-BED)	Ta / TVz		
EU3	WELL-CEMENTED CONGLOMERATIC SANDSTONE (MEGA-BED)	REGIONAL ECBF (UPPER)		
EU1	UNCEMENTED SAND	INTERMEDIATE ECBF- KARANGAHAPE	DISCONTINUITY (FAULT) INTERVALS OF COARSER SANDSTONES AND CONGLOMERATE STANDPIPE RESPONSE ZONE TRANSDUCER	
FAULT ZONE	FAULT ZONE	MEGA-BED - KARANGAHAPE		
---	GEOLOGICAL BOUNDARY (INFERRED)	REGIONAL ECBF (LOWER)		
- - -	WAIEMATA EROSION SURFACE	PIEZOMETER DRY		
- . -	ECBF WEATHERING GRADATION			
- - -	INFERRED FAULTS (WITH IMPLIED RELATIVE OFFSET) (QUESTION MARKS DENOTE GREATER UNCERTAINTY)			



REV	DATE	REVISION DETAILS	APPROVED
A		FOR INFORMATION	M.RUTTER

DRAWN	DESIGNED
B.LI	P.KIRK
CHECKED	
G.PINCHES	
APPROVED	
	DATE

PROJECT	
CITY RAIL LINK	
TITLE	
GEOLOGICAL AND HYDROGEOLOGICAL MODEL LONG SECTION (DR3 MC50)	

PRELIMINARY NOT FOR CONSTRUCTION	
PROJECT No.	228072
SCALE AS SHOWN	SIZE A1
DRAWING No.	REV
GS-GIR-GT-013	A