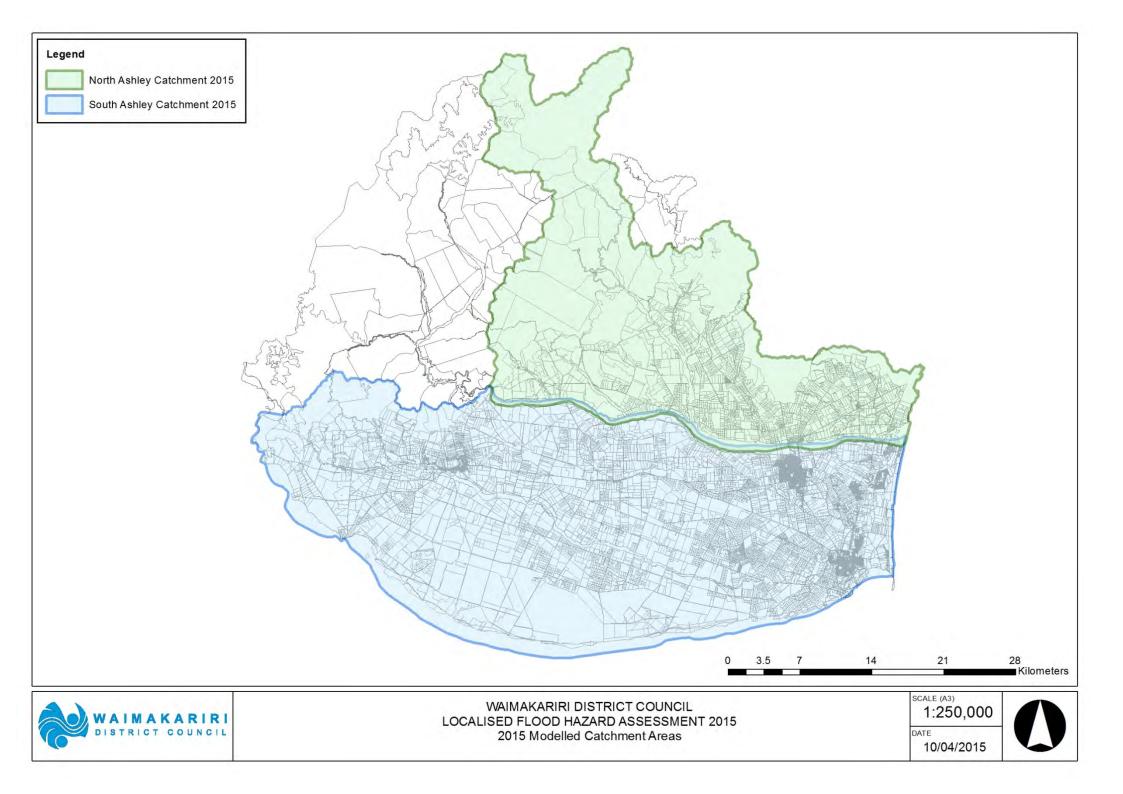
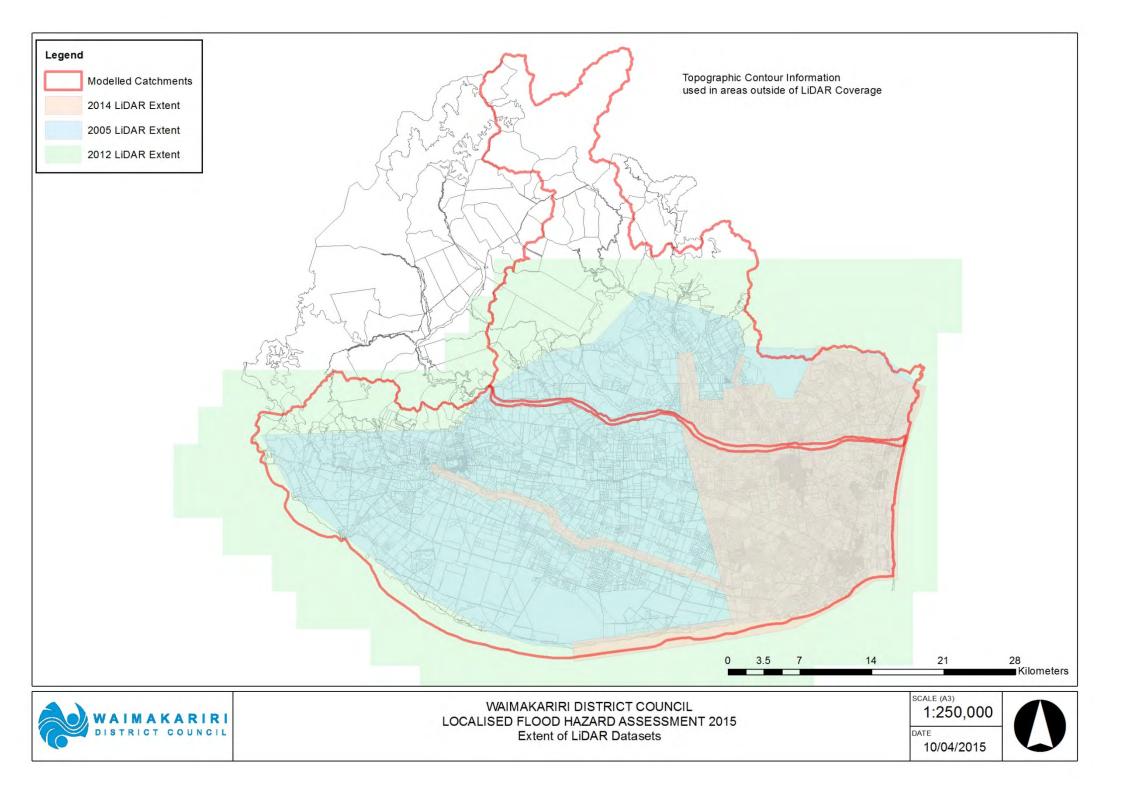
APPENDIX A MODEL BUILD DATA

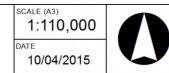


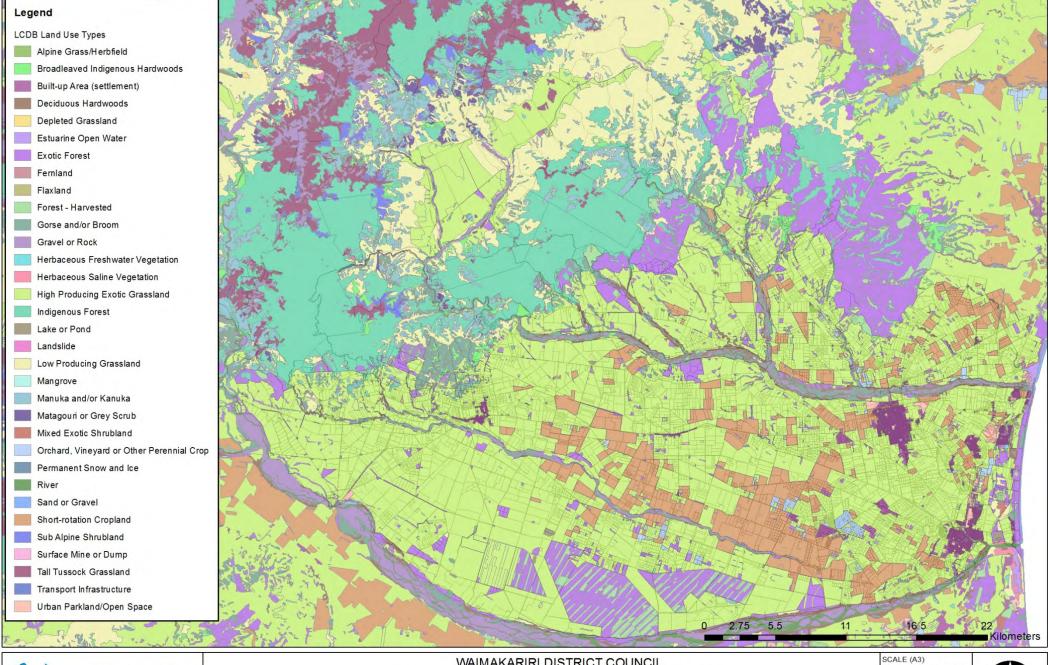






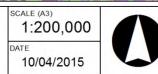
WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Location of Drainage Structures

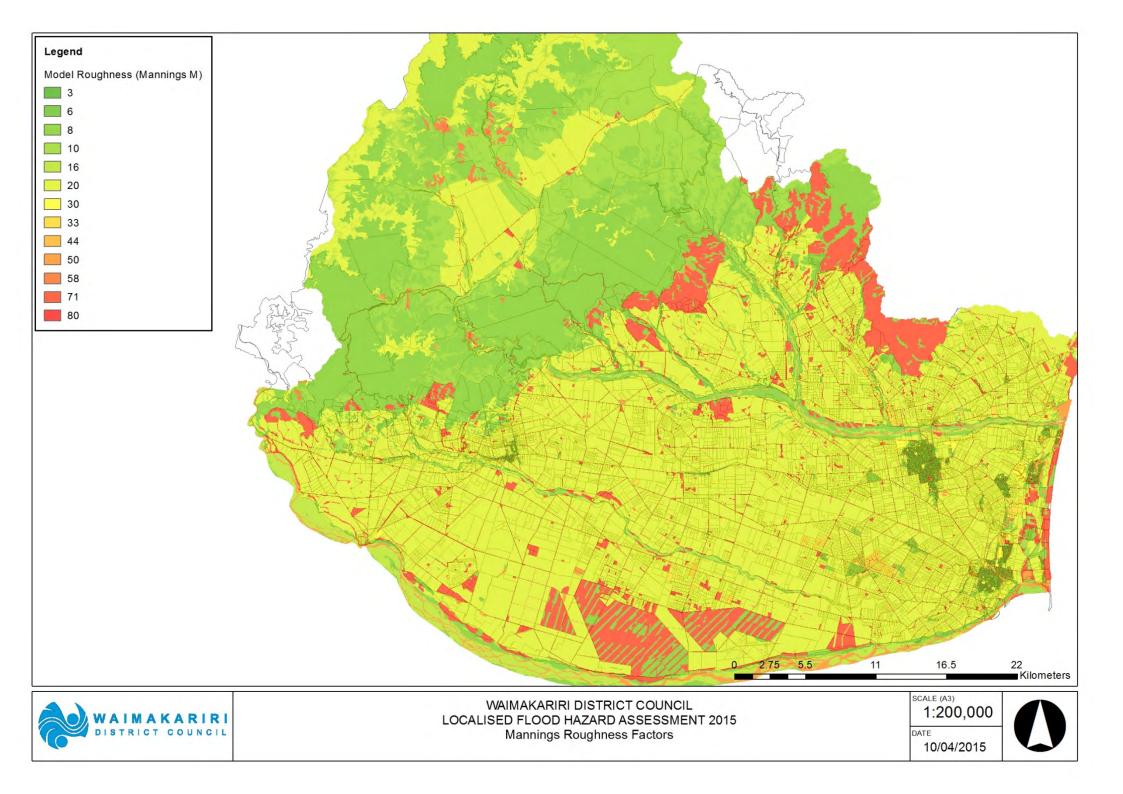


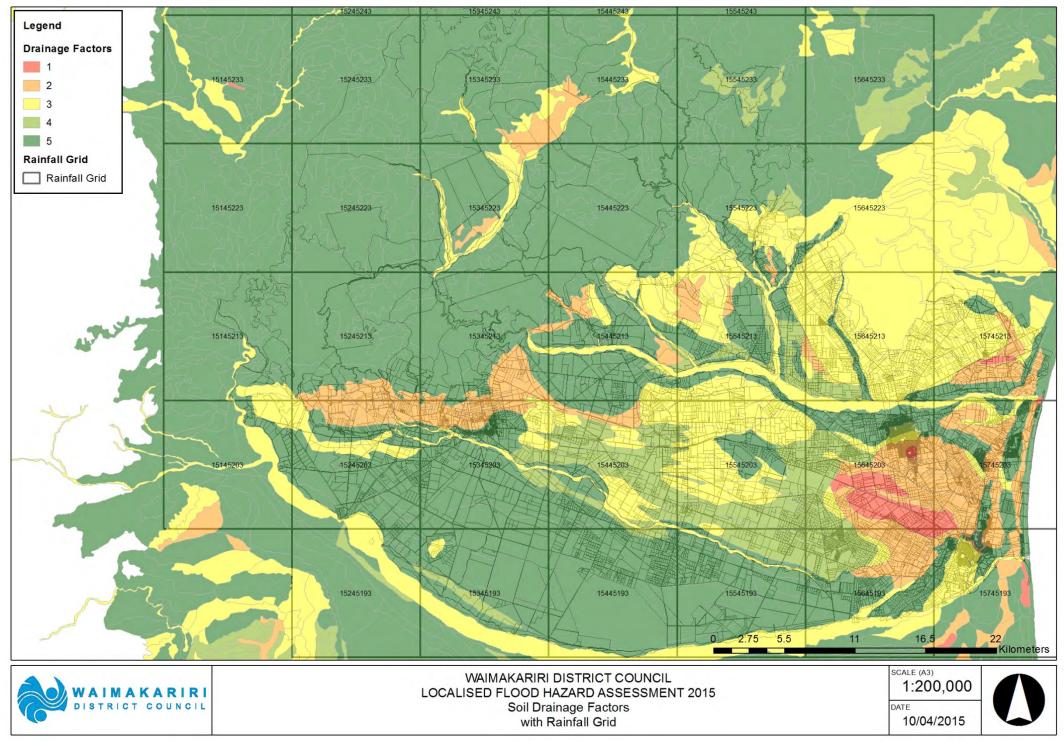


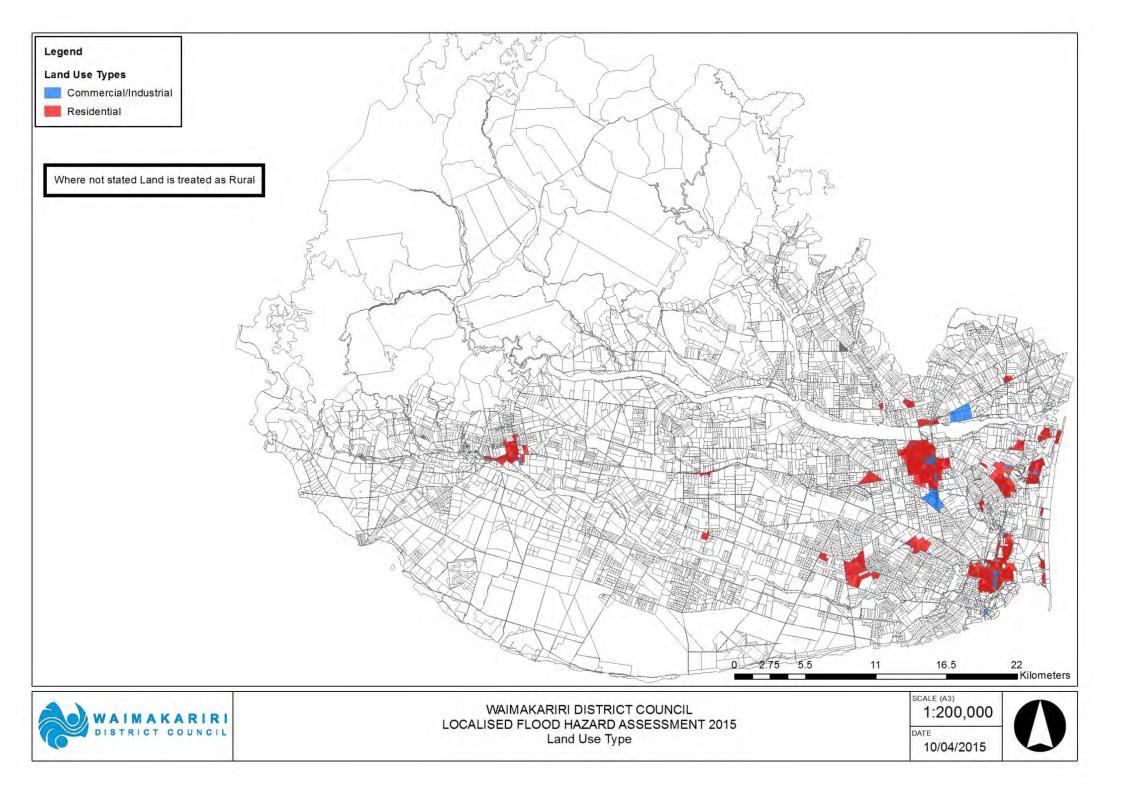


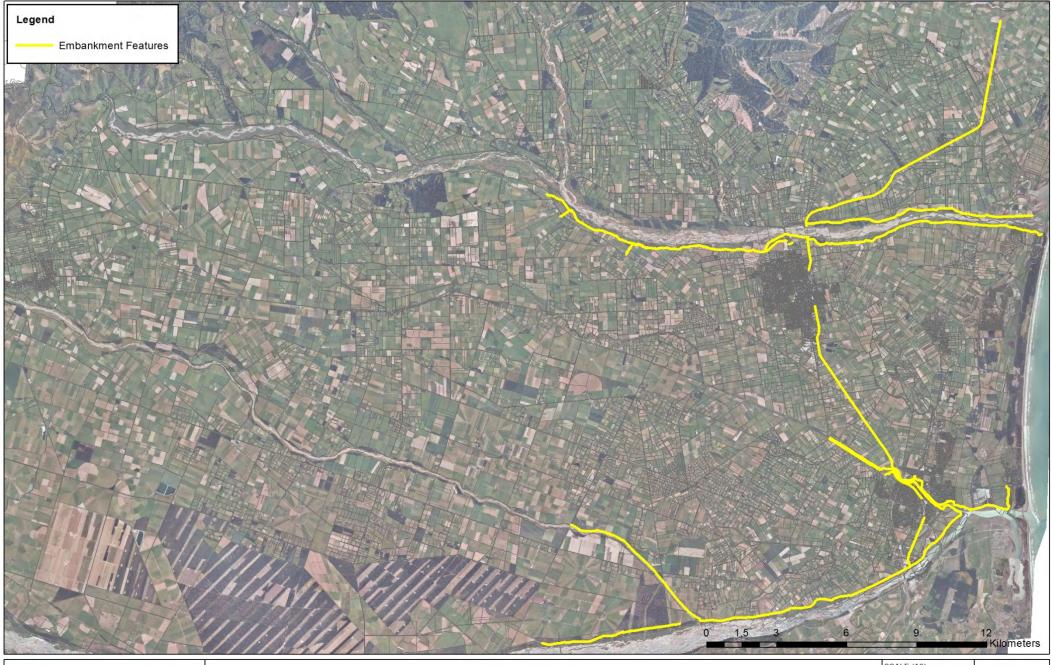
WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Land Cover Database Version 4 Land Use Categories





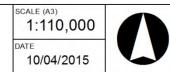






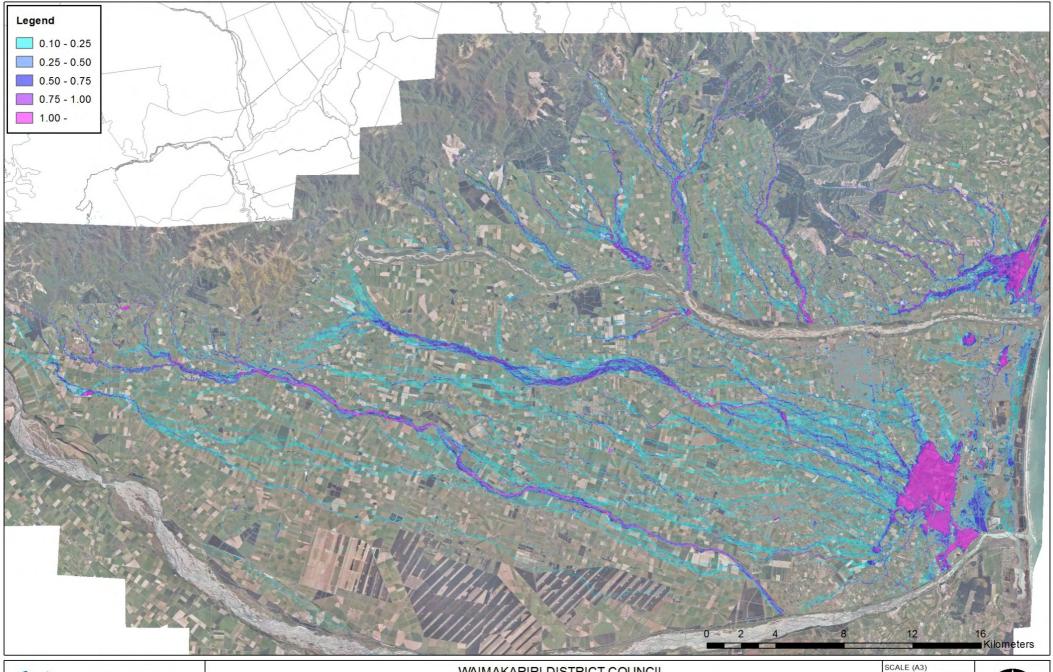


WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Embankment Features Burned into DEM





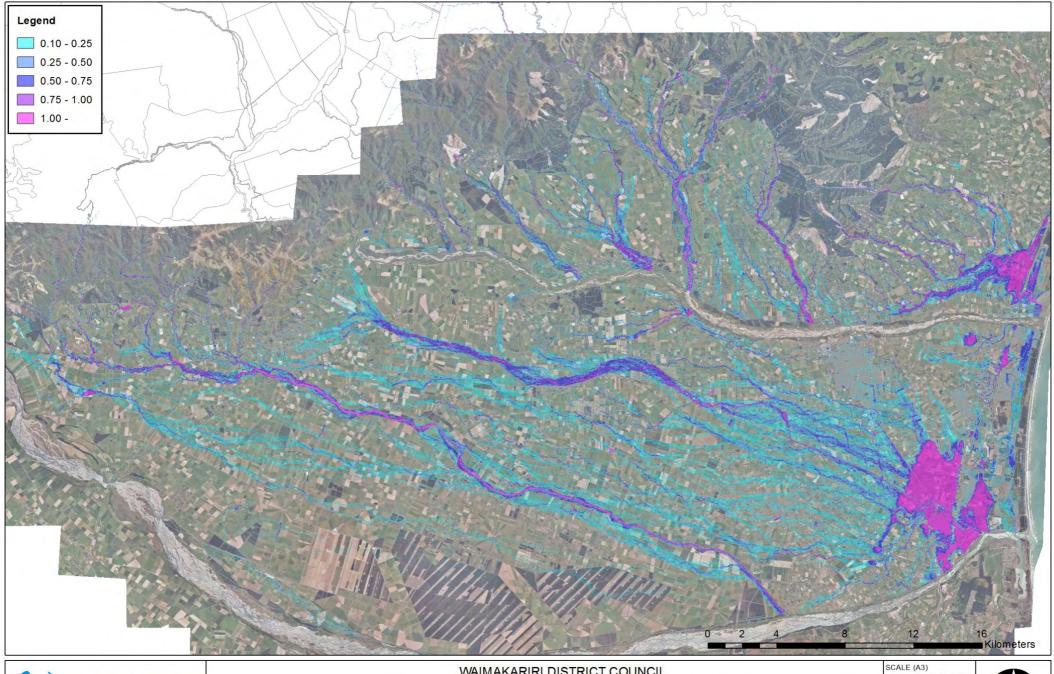
APPENDIX B MODEL RESULTS – MAXIMUM WATER DEPTH





WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Depth (m) 100 Year ARI Event

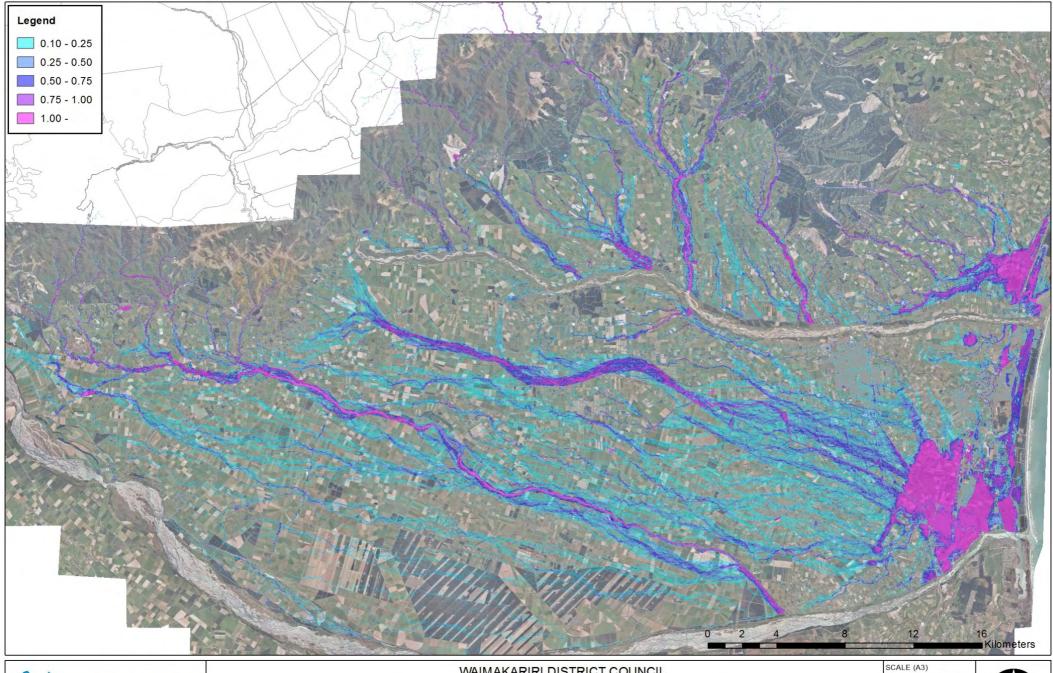
scale (A3) 1:150,000	Λ
DATE 3/07/2015	





WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Depth (m) 200 Year ARI Event

scale (A3) 1:150,000	
DATE 3/07/2015	

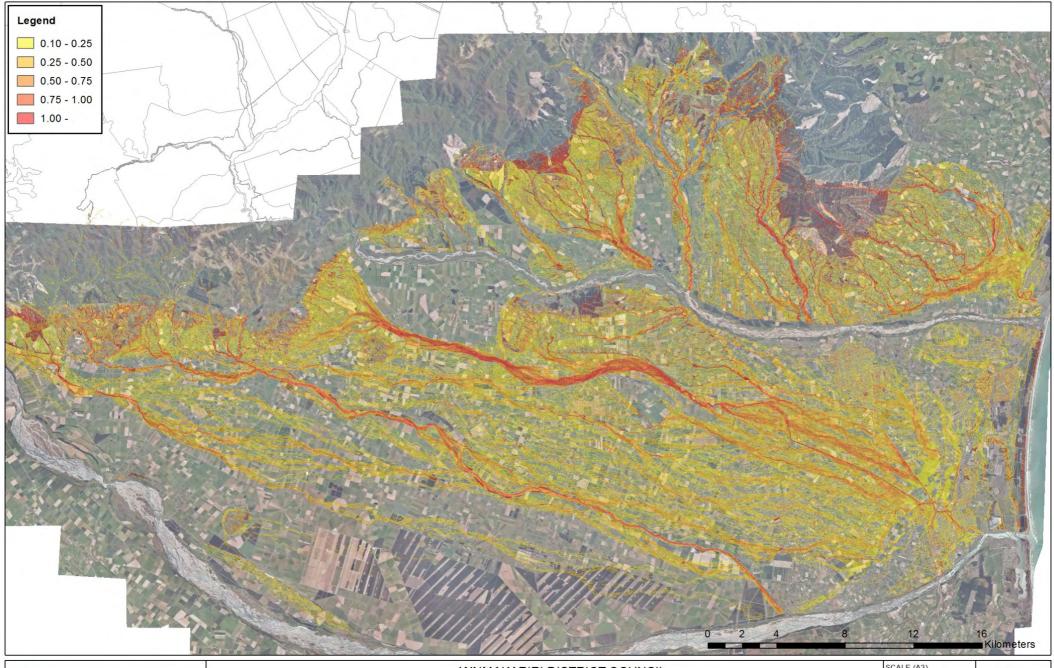




WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Depth (m) 500 Year ARI Event

scale (A3) 1:150,000	
DATE 3/07/2015	

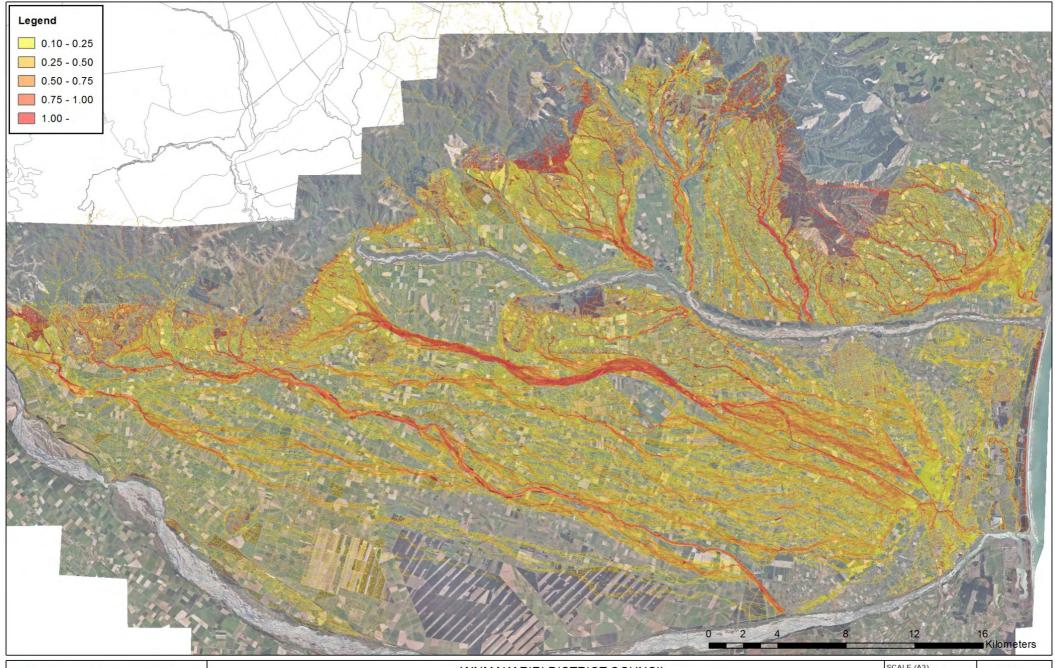
APPENDIX C MODEL RESULTS – MAXIMUM VELOCITY





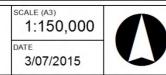
WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Velocity (m/s) 100 Year ARI Event

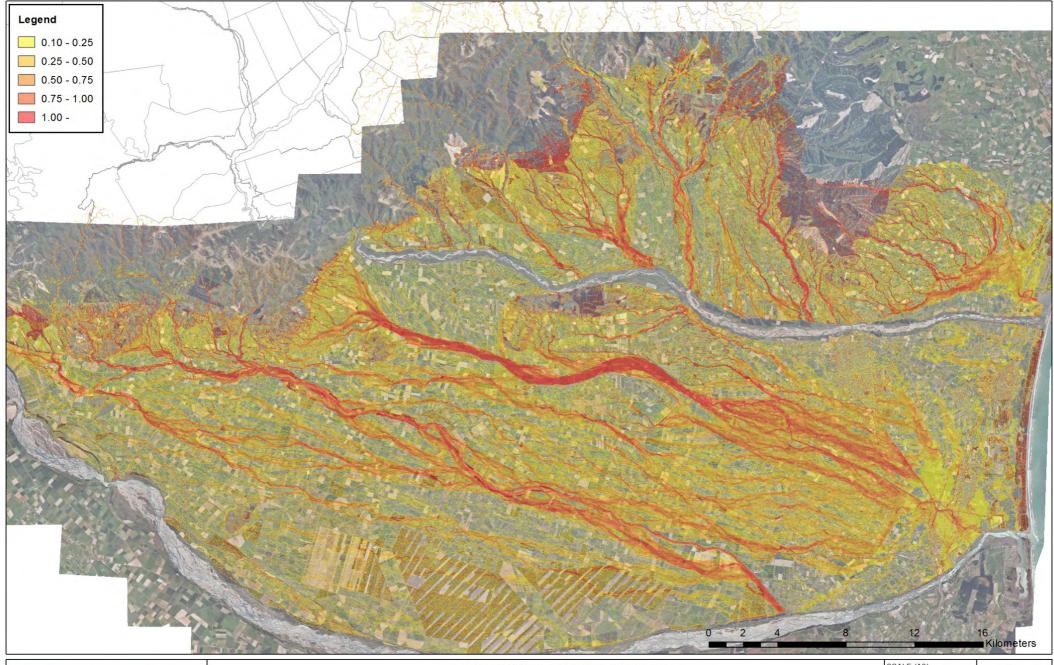
scale (A3) 1:150,000	
DATE 3/07/2015	





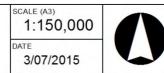
WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Velocity (m/s) 200 Year ARI Event



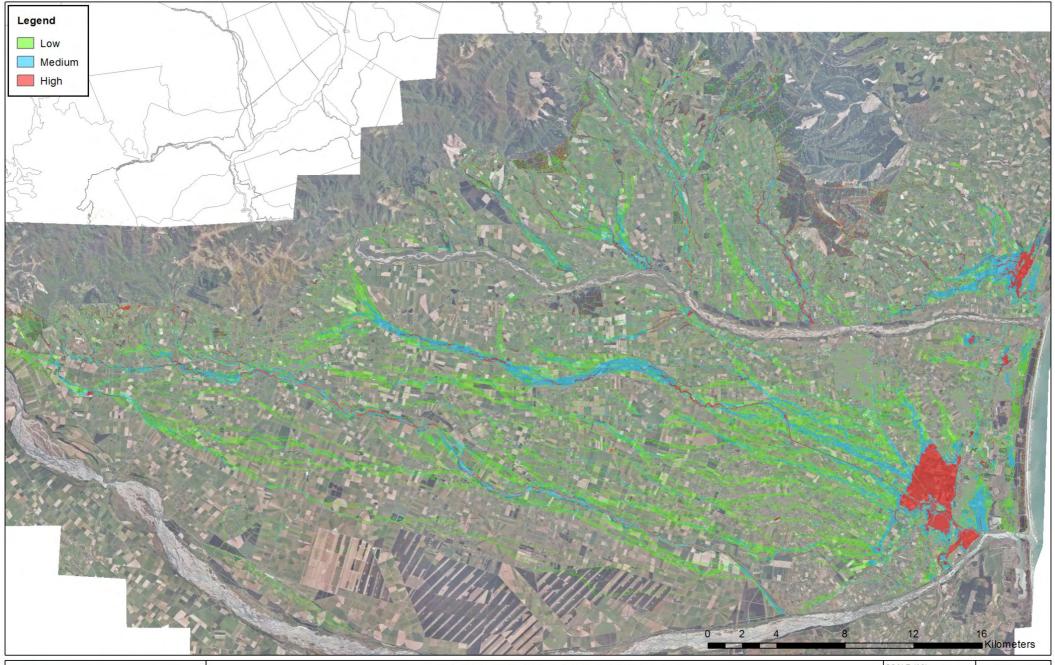




WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Velocity (m/s) 500 Year ARI Event



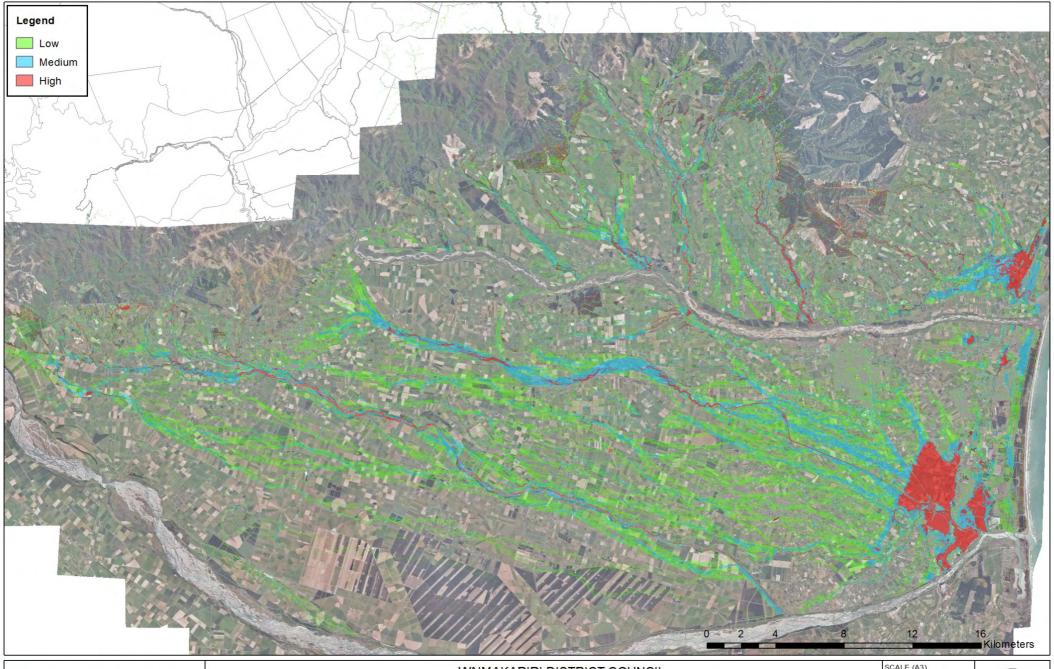
APPENDIX D MODEL RESULTS – FLOOD HAZARD RATING





WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Hazard 100 Year ARI Event

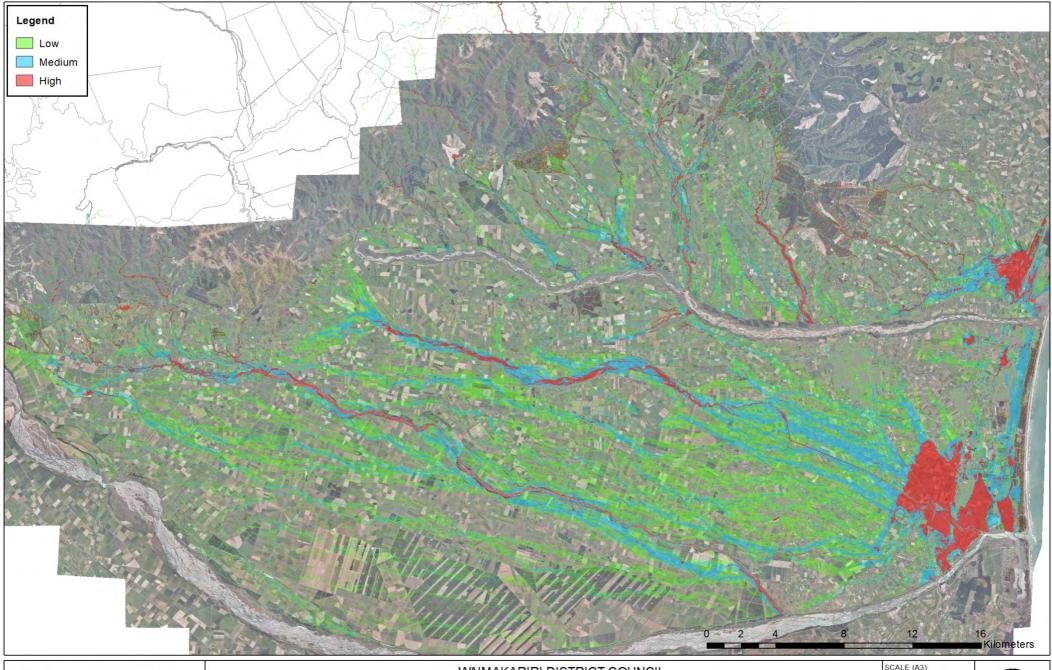
scale (A3) 1:150,000	
DATE 3/07/2015	





WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Hazard 200 Year ARI Event

scale (A3) 1:150,000	Λ
DATE 3/07/2015	

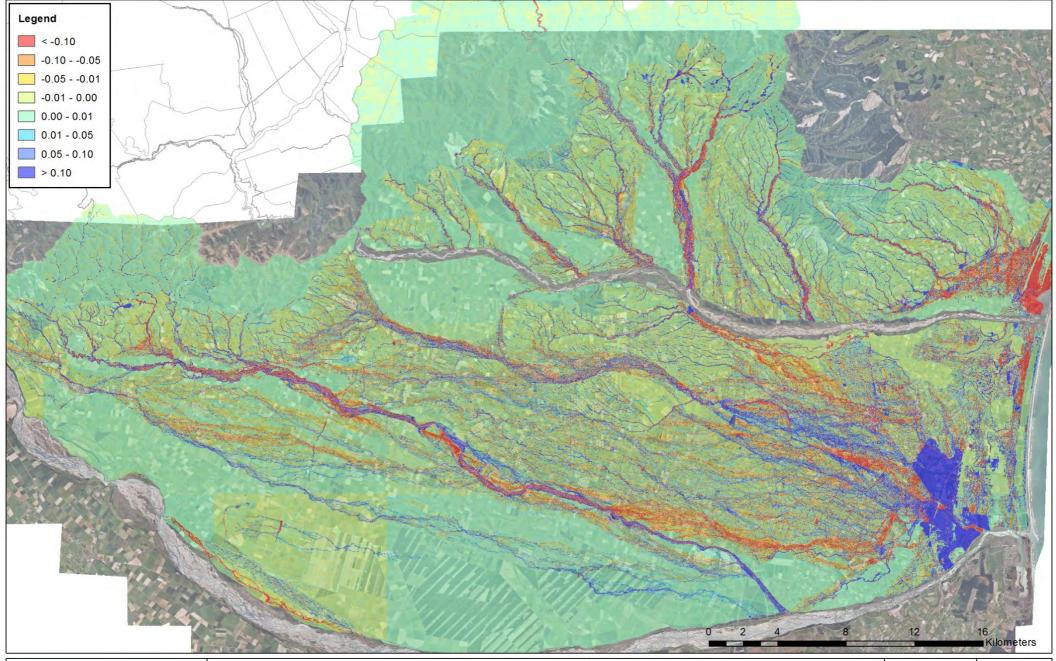




WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Hazard 500 Year ARI Event

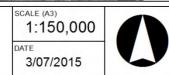
scale (A3) 1:150,000	Λ
DATE 3/07/2015	

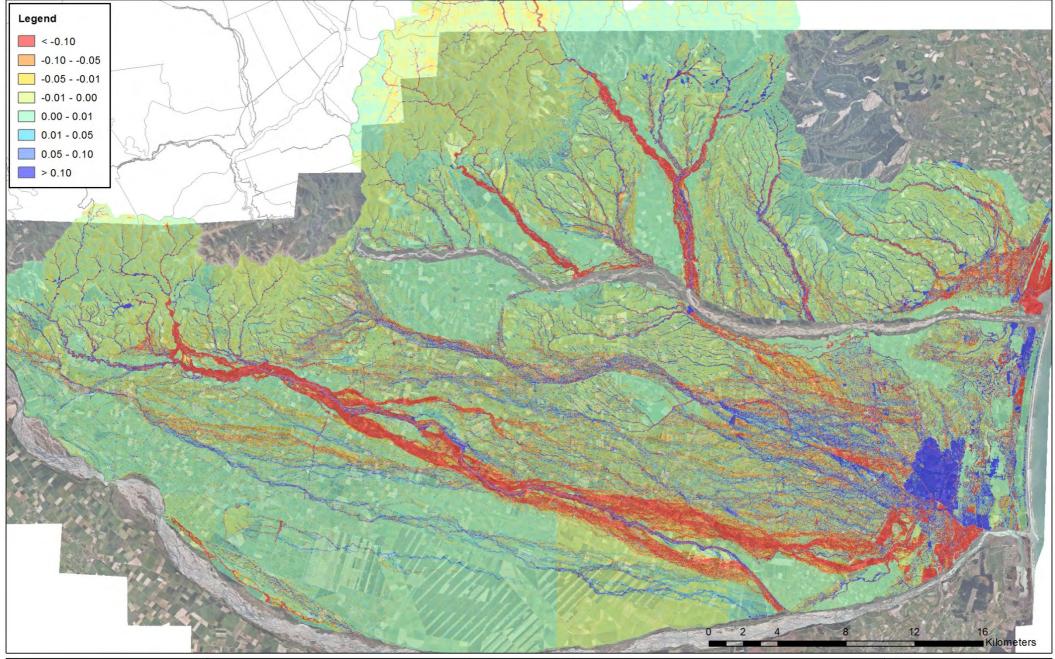
APPENDIX E MODEL RESULTS – WATER DEPTH DIFFERENCES





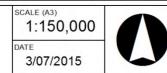
WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Level Comparison to 2014 Study (in metres) 100 Year ARI Event

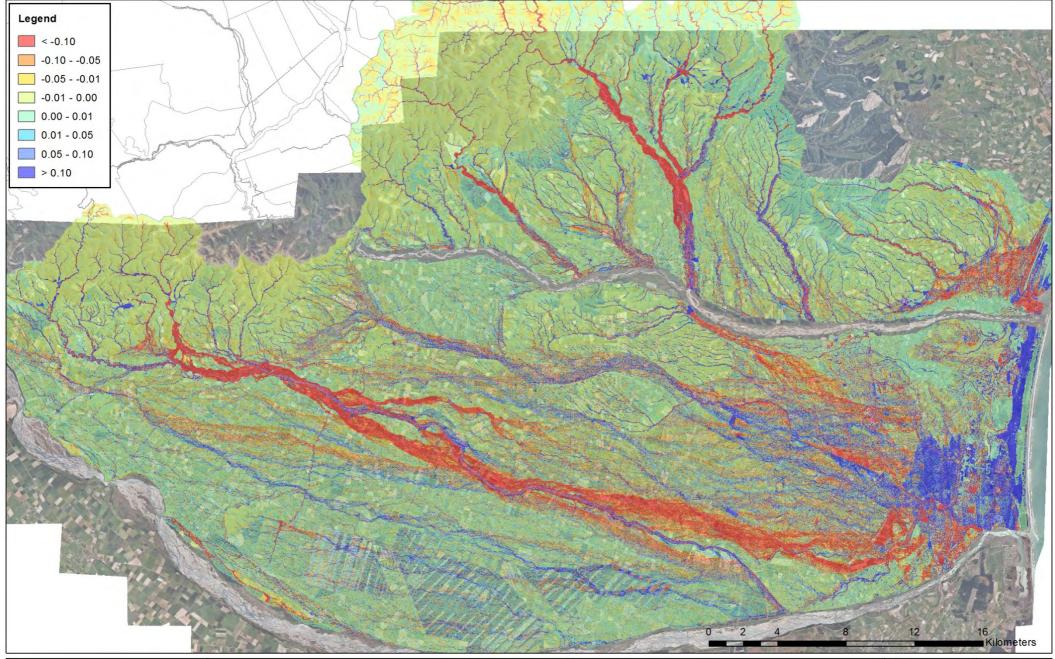






WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Level Comparison to 2014 Study (in metres) 200 Year ARI Event







WAIMAKARIRI DISTRICT COUNCIL LOCALISED FLOOD HAZARD ASSESSMENT 2015 Maximum Flood Level Comparison to 2014 Study (in metres) 500 Year ARI Event

