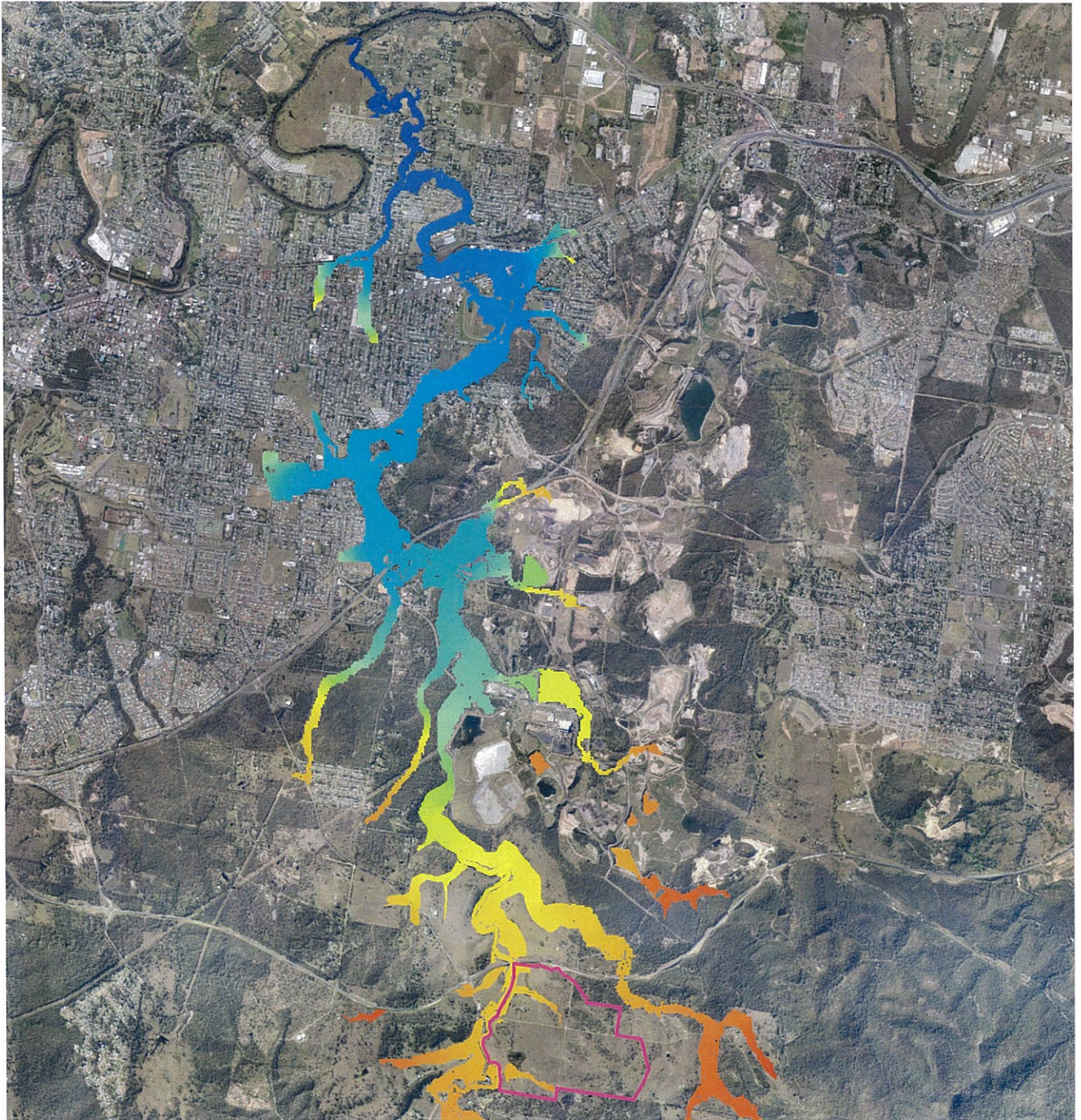




Cardno (QLD) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2012 Cardno (Qld) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in or on any media to any person without the prior written consent of Cardno (Qld) Pty Ltd.

This document is prepared by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
Project No:	7901-47-027
Date:	12 December 2012
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Flood Level (mAHD)	
1.5 to 2.5	28.5 to 29.5
2.5 to 3.5	29.5 to 30.5
3.5 to 4.5	30.5 to 31.5
4.5 to 5.5	31.5 to 32.5
5.5 to 6.5	32.5 to 33.5
6.5 to 7.5	33.5 to 34.5
7.5 to 8.5	34.5 to 35.5
8.5 to 9.5	35.5 to 36.5
9.5 to 10.5	36.5 to 37.5
10.5 to 11.5	37.5 to 38.5
11.5 to 12.5	38.5 to 39.5
12.5 to 13.5	39.5 to 40.5
13.5 to 14.5	40.5 to 41.5
14.5 to 15.5	41.5 to 42.5
15.5 to 16.5	42.5 to 43.5
16.5 to 17.5	43.5 to 44.5
17.5 to 18.5	44.5 to 45.5
18.5 to 19.5	45.5 to 46.5
19.5 to 20.5	46.5 to 47.5
20.5 to 21.5	47.5 to 48.5
21.5 to 22.5	48.5 to 49.5
22.5 to 23.5	49.5 to 50.5
23.5 to 24.5	50.5 to 51.5
24.5 to 25.5	51.5 to 52.5
25.5 to 26.5	52.5 to 53.5
26.5 to 27.5	53.5 to 54.5
27.5 to 28.5	54.5 to 55.5



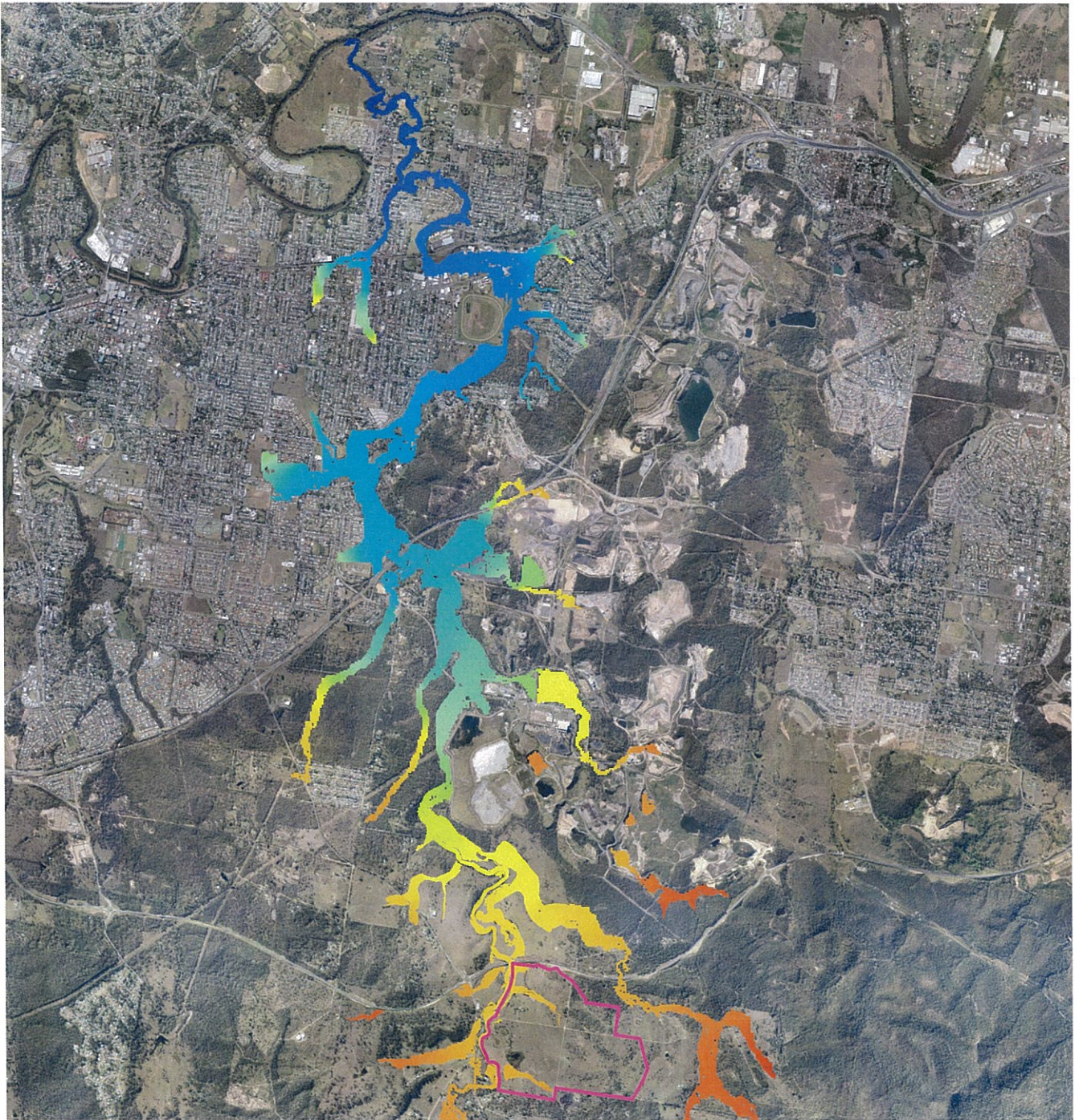
Figure B9

Ultimate Case Q100 Flood
Extent

Ripley Valley Secondary Urban
Centre East

Scale: 1:50,000





Cardno (QLD) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2012 Cardno (Qld) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in any media to any person without the prior written consent of Cardno (Qld) Pty Ltd.
This document is produced by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
Project No:	7901-47-027
Date:	12 December 2012
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Flood Level (mAHd)	
1.5 to 2.5	28.5 to 29.5
2.5 to 3.5	29.5 to 30.5
3.5 to 4.5	30.5 to 31.5
4.5 to 5.5	31.5 to 32.5
5.5 to 6.5	32.5 to 33.5
6.5 to 7.5	33.5 to 34.5
7.5 to 8.5	34.5 to 35.5
8.5 to 9.5	35.5 to 36.5
9.5 to 10.5	36.5 to 37.5
10.5 to 11.5	37.5 to 38.5
11.5 to 12.5	38.5 to 39.5
12.5 to 13.5	39.5 to 40.5
13.5 to 14.5	40.5 to 41.5
14.5 to 15.5	41.5 to 42.5
15.5 to 16.5	42.5 to 43.5
16.5 to 17.5	43.5 to 44.5
17.5 to 18.5	44.5 to 45.5
18.5 to 19.5	45.5 to 46.5
19.5 to 20.5	46.5 to 47.5
20.5 to 21.5	47.5 to 48.5
21.5 to 22.5	48.5 to 49.5
22.5 to 23.5	49.5 to 50.5
23.5 to 24.5	50.5 to 51.5
24.5 to 25.5	51.5 to 52.5
25.5 to 26.5	52.5 to 53.5
26.5 to 27.5	53.5 to 54.5
27.5 to 28.5	54.5 to 55.5

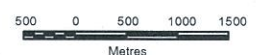


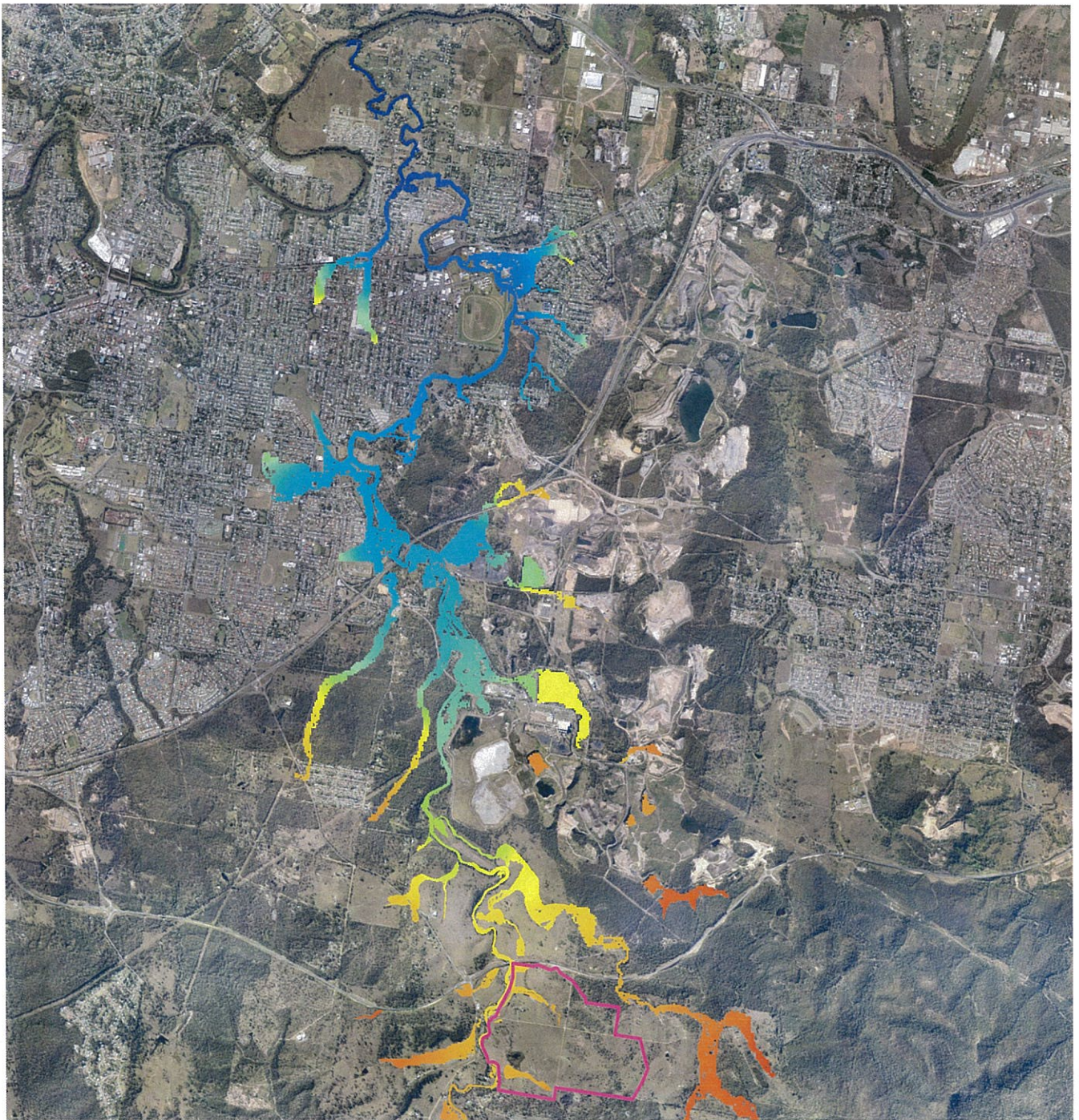
Figure B10

Ultimate Case Q20 Flood Extent

Ripley Valley Secondary Urban Centre East

Scale: 1:50,000





Cardno (QLD) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2012 Cardno (Qld) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in any media to any person without the prior written consent of Cardno (Qld) Pty Ltd.
This document is produced by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
Project No:	7901-47-027
Date:	12 December 2012
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Flood Level (mAHD)	
1.5 to 2.5	28.5 to 29.5
2.5 to 3.5	29.5 to 30.5
3.5 to 4.5	30.5 to 31.5
4.5 to 5.5	31.5 to 32.5
5.5 to 6.5	32.5 to 33.5
6.5 to 7.5	33.5 to 34.5
7.5 to 8.5	34.5 to 35.5
8.5 to 9.5	35.5 to 36.5
9.5 to 10.5	36.5 to 37.5
10.5 to 11.5	37.5 to 38.5
11.5 to 12.5	38.5 to 39.5
12.5 to 13.5	39.5 to 40.5
13.5 to 14.5	40.5 to 41.5
14.5 to 15.5	41.5 to 42.5
15.5 to 16.5	42.5 to 43.5
16.5 to 17.5	43.5 to 44.5
17.5 to 18.5	44.5 to 45.5
18.5 to 19.5	45.5 to 46.5
19.5 to 20.5	46.5 to 47.5
20.5 to 21.5	47.5 to 48.5
21.5 to 22.5	48.5 to 49.5
22.5 to 23.5	49.5 to 50.5
23.5 to 24.5	50.5 to 51.5
24.5 to 25.5	51.5 to 52.5
25.5 to 26.5	52.5 to 53.5
26.5 to 27.5	53.5 to 54.5
27.5 to 28.5	54.5 to 55.5



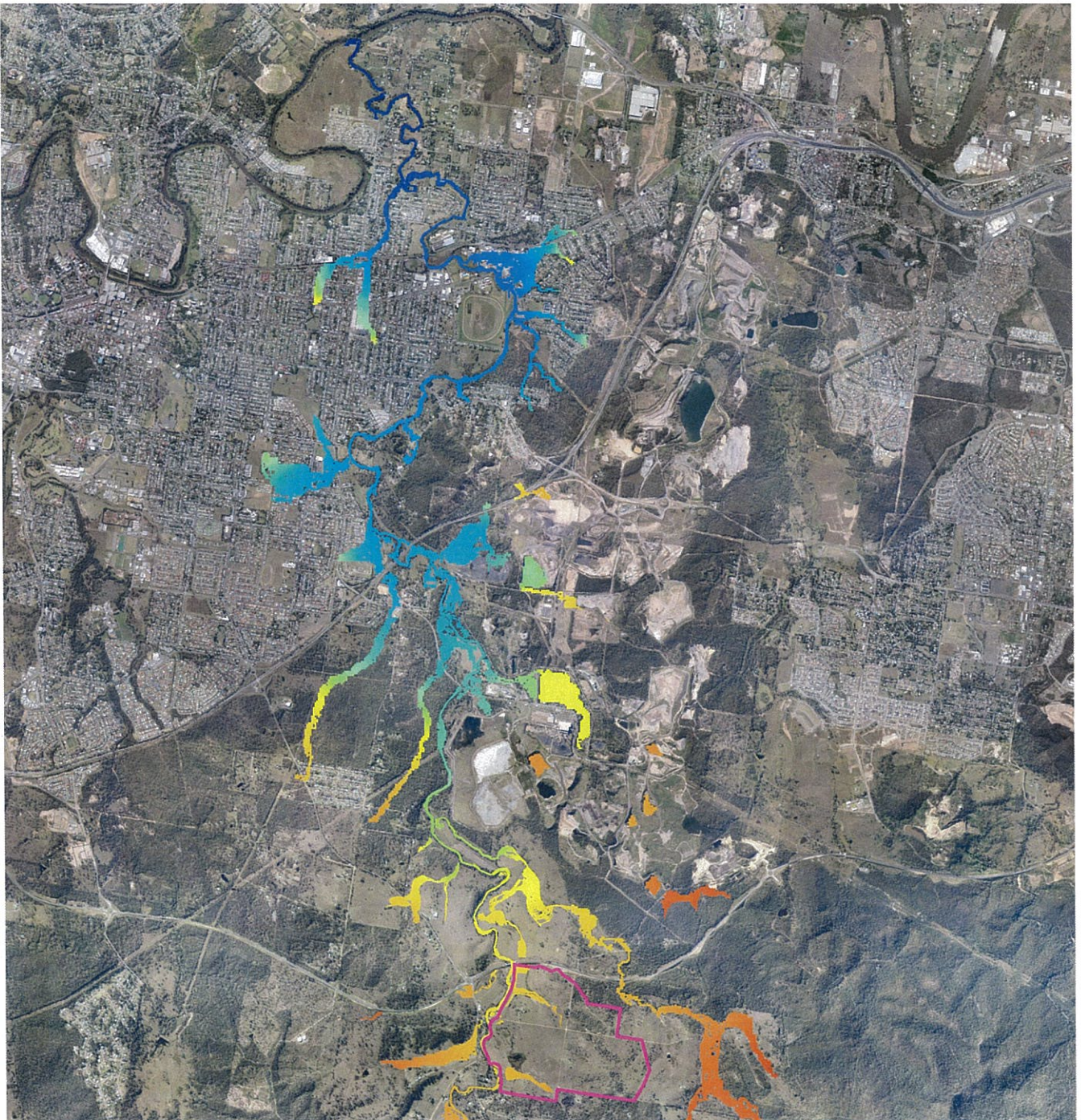
Figure B11

Ultimate Case Q2 Flood Extent

Ripley Valley Secondary Urban Centre East

Scale: 1:50,000





Cardno (QLD) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2012 Cardno (Qld) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in any media to any person without the prior written consent of Cardno (Qld) Pty Ltd.

This document is produced by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
ProjectNo:	7901-47-027
Date:	12 December 2012
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Flood Level (mAHOD)	
1.5 to 2.5	28.5 to 29.5
2.5 to 3.5	29.5 to 30.5
3.5 to 4.5	30.5 to 31.5
4.5 to 5.5	31.5 to 32.5
5.5 to 6.5	32.5 to 33.5
6.5 to 7.5	33.5 to 34.5
7.5 to 8.5	34.5 to 35.5
8.5 to 9.5	35.5 to 36.5
9.5 to 10.5	36.5 to 37.5
10.5 to 11.5	37.5 to 38.5
11.5 to 12.5	38.5 to 39.5
12.5 to 13.5	39.5 to 40.5
13.5 to 14.5	40.5 to 41.5
14.5 to 15.5	41.5 to 42.5
15.5 to 16.5	42.5 to 43.5
16.5 to 17.5	43.5 to 44.5
17.5 to 18.5	44.5 to 45.5
18.5 to 19.5	45.5 to 46.5
19.5 to 20.5	46.5 to 47.5
20.5 to 21.5	47.5 to 48.5
21.5 to 22.5	48.5 to 49.5
22.5 to 23.5	49.5 to 50.5
23.5 to 24.5	50.5 to 51.5
24.5 to 25.5	51.5 to 52.5
25.5 to 26.5	52.5 to 53.5
26.5 to 27.5	53.5 to 54.5
27.5 to 28.5	54.5 to 55.5

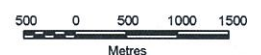


Figure B12

Ultimate Case Q1 Flood Extent

Ripley Valley Secondary Urban Centre East

Scale: 1:50,000

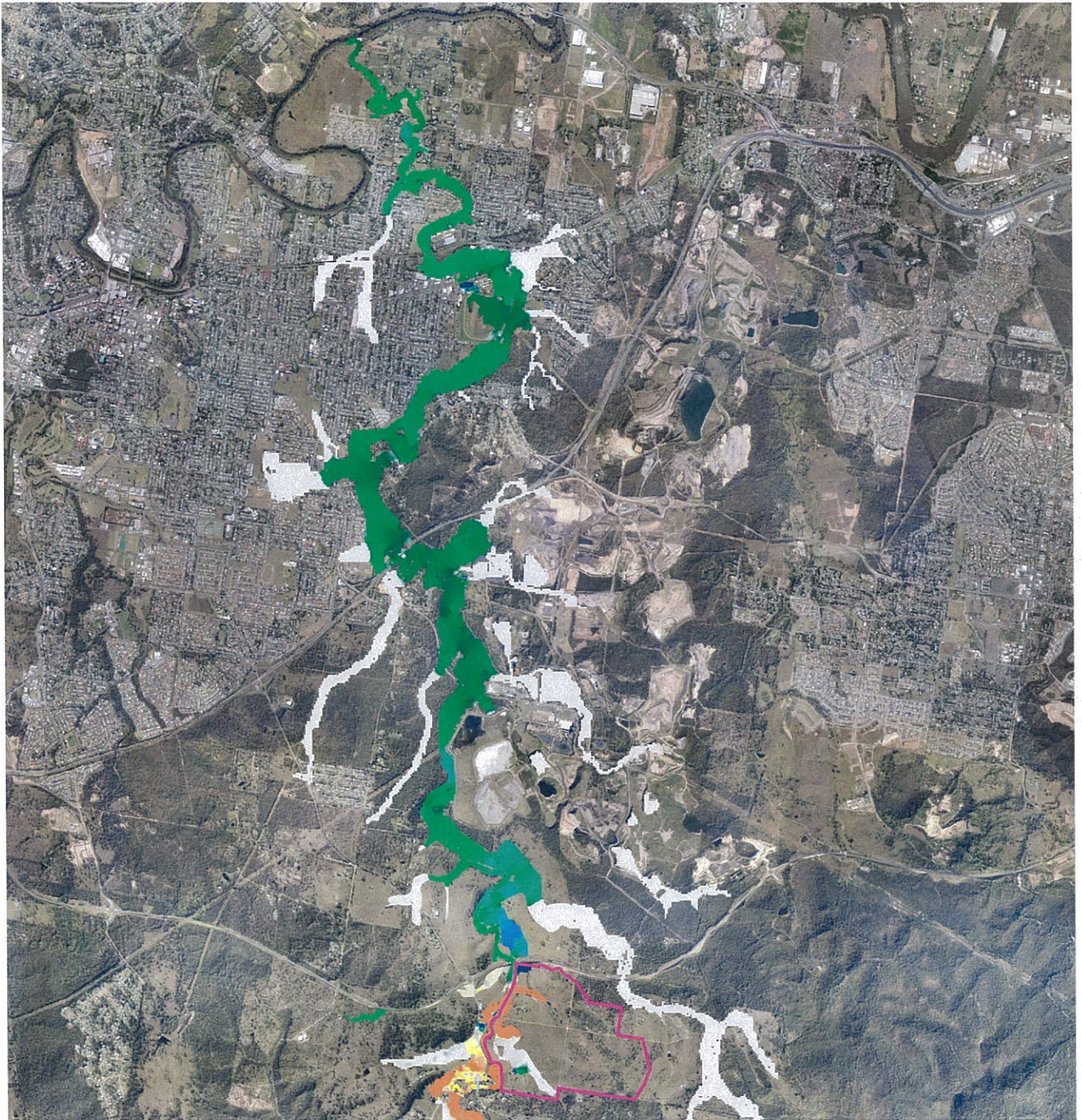


Ripley Valley Secondary Urban Centre
East

APPENDIX

C

Flood Modelling Results- Afflux



Cardno (OLD) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2012 Cardno (Old) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Old) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in or on any media to any person without the prior written consent of Cardno (Old) Pty Ltd.

This document is produced by Cardno (Old) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the relevant contract. Cardno (Old) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
Project No:	7901-47-027
Date:	09 January 2013
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Afflux(m)

Dark Blue	-0.06 to -0.05
Blue	-0.05 to -0.04
Light Blue	-0.04 to -0.03
Teal	-0.03 to -0.02
Green	-0.02 to -0.01
Light Green	-0.01 to 0.00
White	0.00 to 0.01
Light Yellow	0.00 to 0.02
Yellow	0.02 to 0.03
Orange	0.03 to 0.04
Red	0.04 to 0.05
Dark Red	0.05 to 0.06

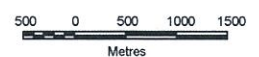


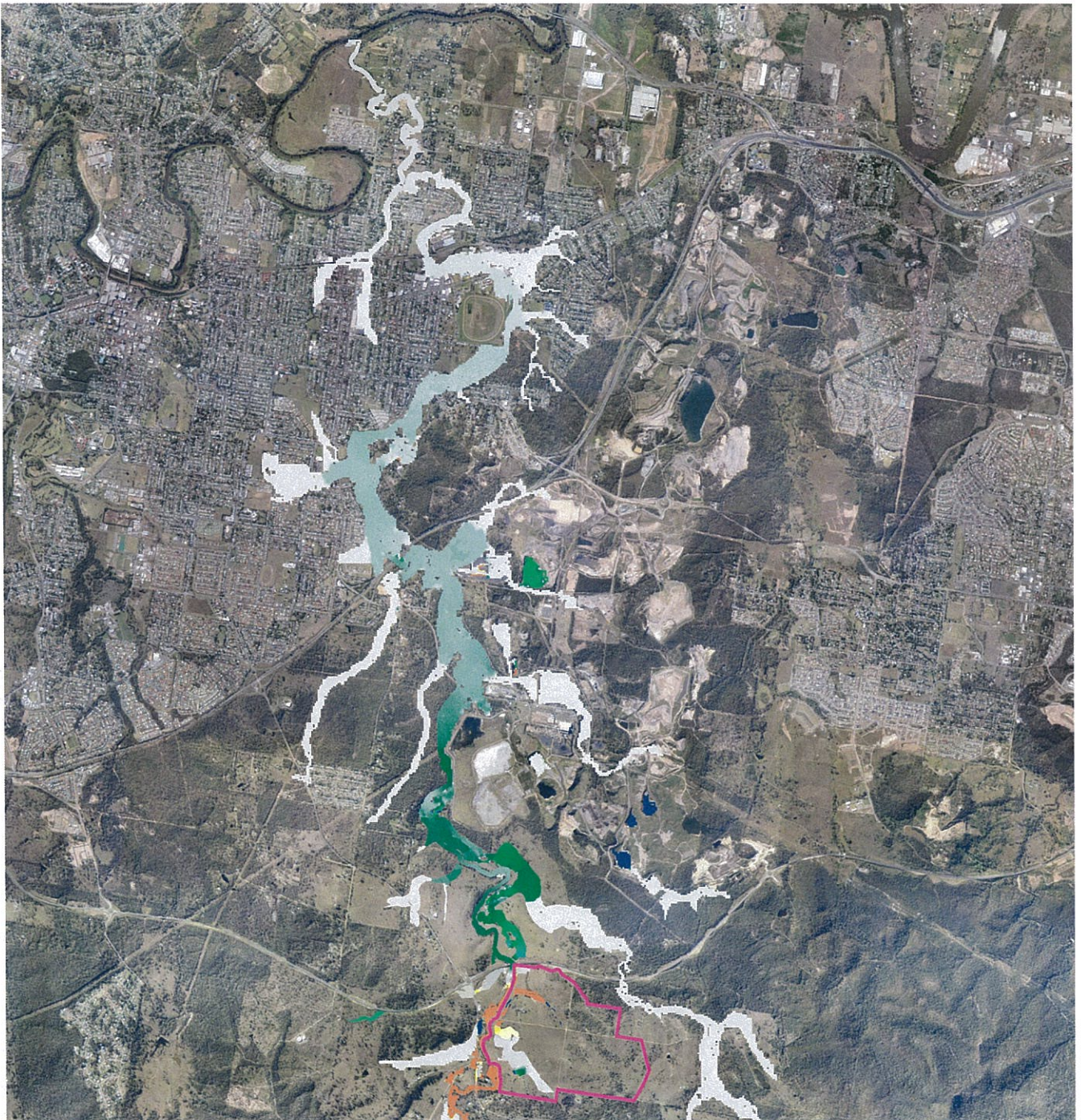
Figure C1

Stages 1 to 3 Q100
Afflux

Ripley Valley Secondary Urban
Centre East

Scale: 1:50,000





Cardno (QLD) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2012 Cardno (Qld) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in any media to any person without the prior written consent of Cardno (Qld) Pty Ltd.

This document is produced by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
Project No:	7901-47-027
Date:	08 January 2013
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Afflux(m)	
	-0.06 to -0.05
	-0.05 to -0.04
	-0.04 to -0.03
	-0.03 to -0.02
	-0.02 to -0.01
	-0.01 to 0.00
	0.00 to 0.01
	0.01 to 0.02
	0.02 to 0.03
	0.03 to 0.04
	0.04 to 0.05
	0.05 to 0.06

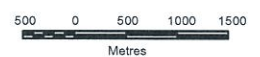


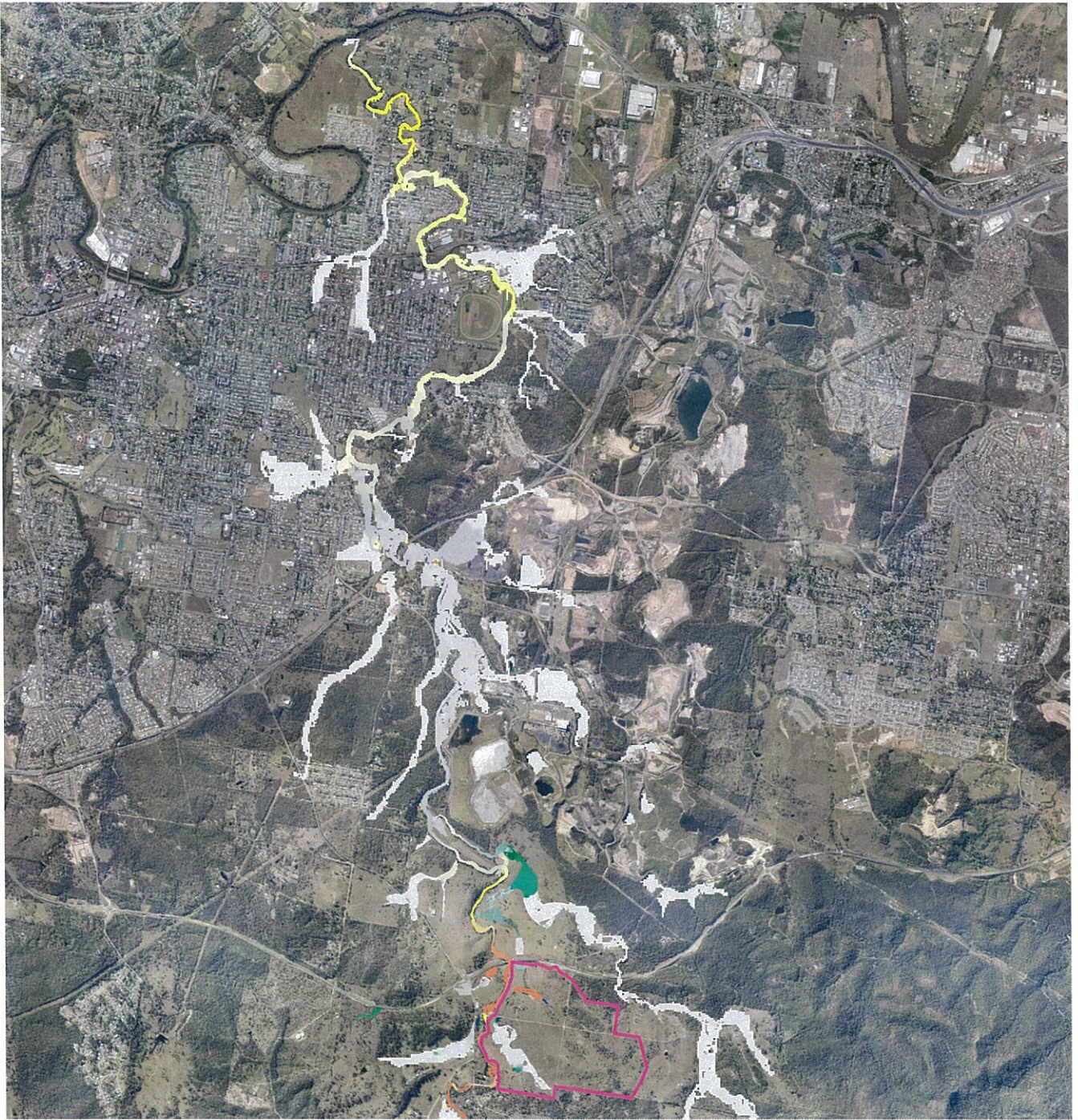
Figure C2

**Stages 1 to 3 Q20
Afflux**

**Ripley Valley Secondary Urban
Centre East**

Scale: 1:50,000





Cardno (QLD) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2013 Cardno (Qld) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in any media to any person without the prior written consent of Cardno (Qld) Pty Ltd.

This document is produced by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the contract. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
Project No:	7901-47-027
Date:	08 January 2013
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Afflux(m)

■	-0.06 to -0.05
■	-0.05 to -0.04
■	-0.04 to -0.03
■	-0.03 to -0.02
■	-0.02 to -0.01
■	-0.01 to 0.00
■	0.00 to 0.01
■	0.01 to 0.02
■	0.02 to 0.03
■	0.03 to 0.04
■	0.04 to 0.05
■	0.05 to 0.06

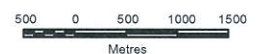


Figure C3

Stages 1 to 3 Q2 Afflux

Ripley Valley Secondary Urban Centre East

Scale: 1:50,000





Cardno (QLD) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2012 Cardno (Qld) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in or on any media to any person without the prior written consent of Cardno (Qld) Pty Ltd.
This document is produced by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
ProjectNo:	7901-47-027
Date:	08 January 2013
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Afflux(m)	
Dark Blue	-0.06 to -0.05
Blue	-0.05 to -0.04
Light Blue	-0.04 to -0.03
Teal	-0.03 to -0.02
Green	-0.02 to -0.01
Dark Green	-0.01 to 0.00
Light Green	0.00 to 0.01
Yellow	0.00 to 0.02
Orange	0.02 to 0.03
Red	0.03 to 0.04
Dark Red	0.04 to 0.05
Black	0.05 to 0.06



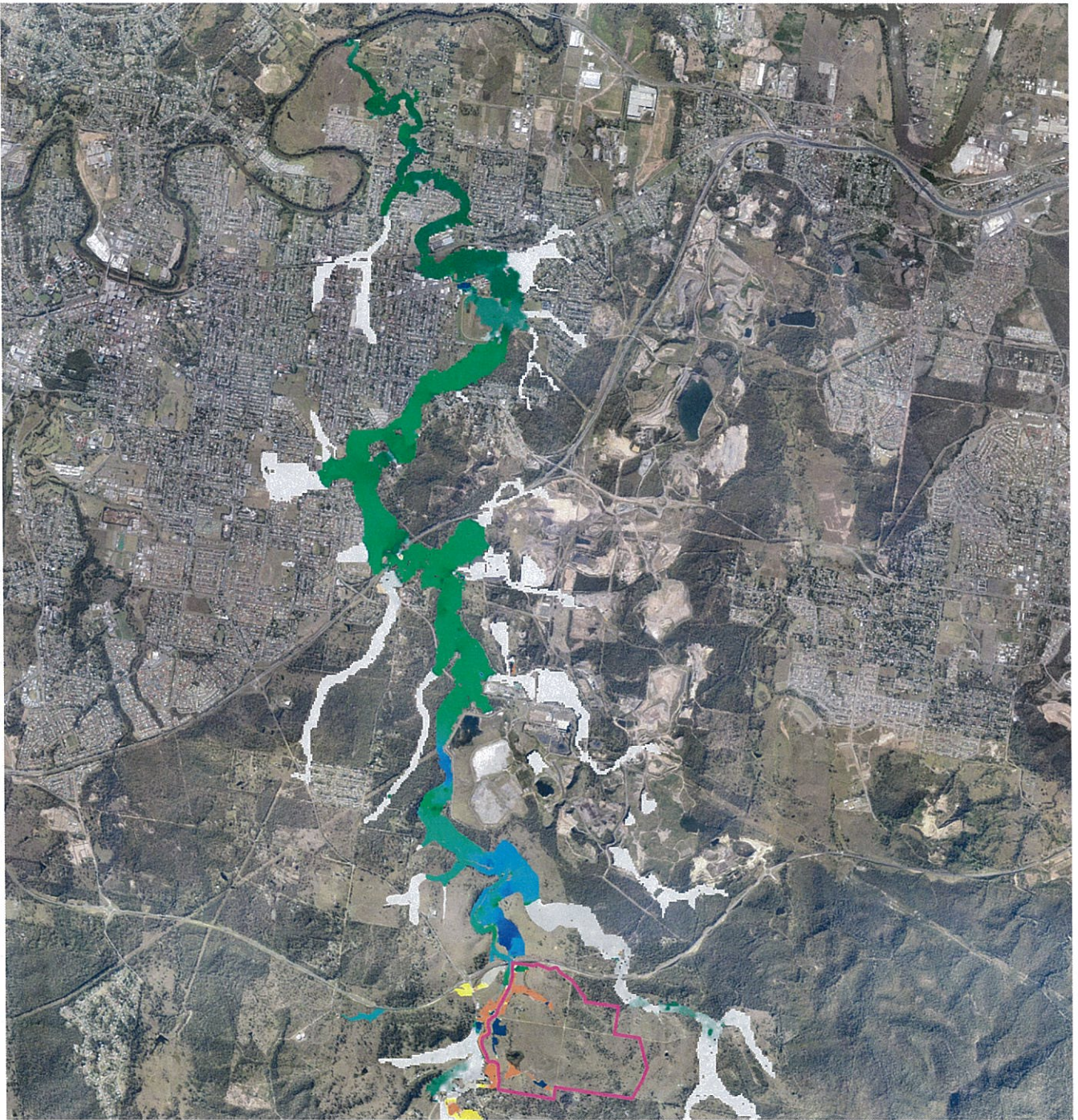
Figure C4

Stages 1 to 3 Q1 Afflux

Ripley Valley Secondary Urban Centre East

Scale: 1:50,000

500 0 500 1000 1500
Metres



Cardno (Qld) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2012 Cardno (Qld) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in any media to any person without the prior written consent of Cardno (Qld) Pty Ltd.

This document is produced by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the contract. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
Project No:	7901-47-027
Date:	09 January 2013
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Afflux(m)	
	-0.06 to -0.05
	-0.05 to -0.04
	-0.04 to -0.03
	-0.03 to -0.02
	-0.02 to -0.01
	-0.01 to 0.00
	0.00 to 0.01
	0.01 to 0.02
	0.02 to 0.03
	0.03 to 0.04
	0.04 to 0.05
	0.05 to 0.06



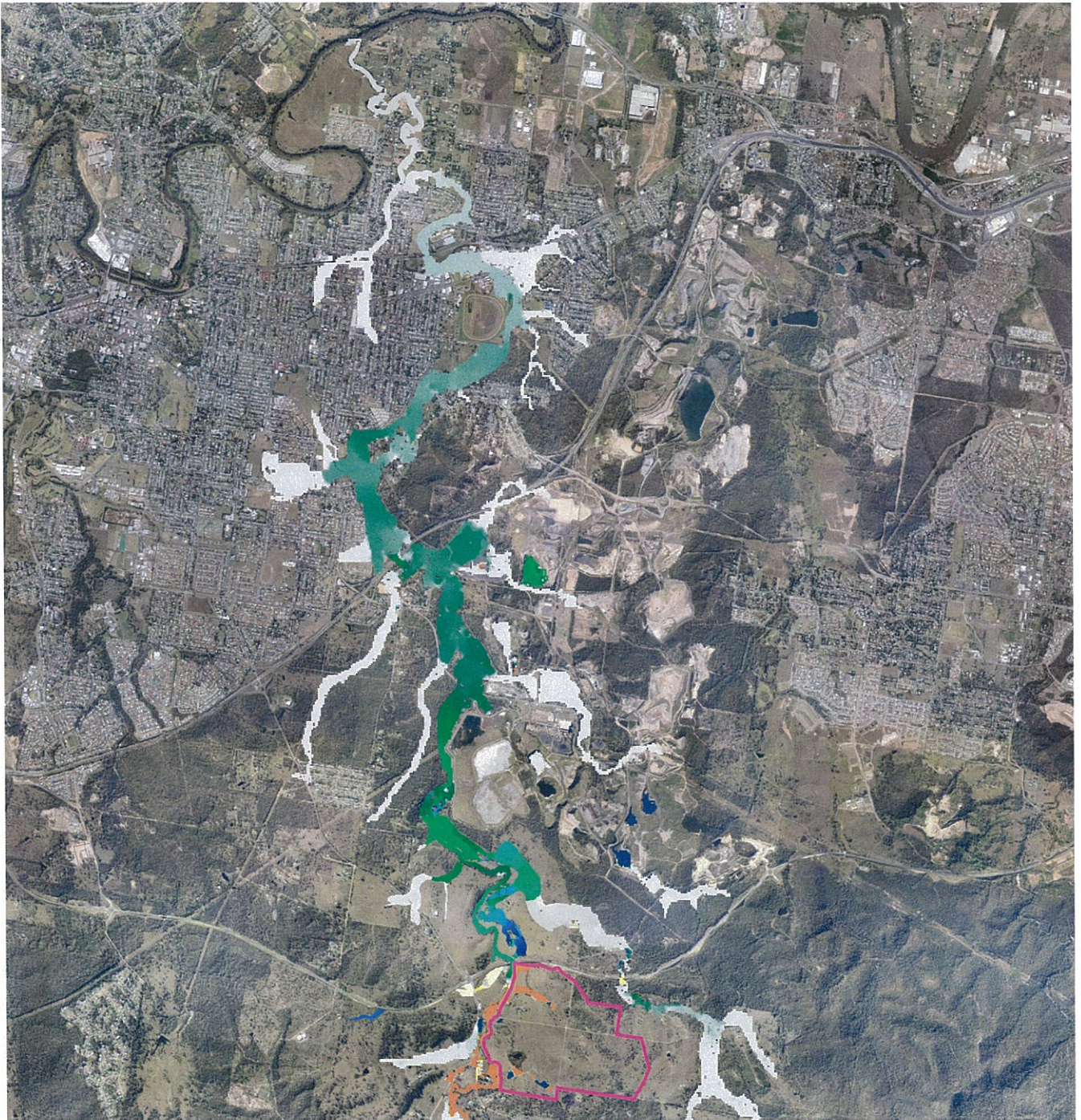
Figure C5

**Ultimate Case Q100
Afflux**

**Ripley Valley Secondary Urban
Centre East**

Scale: 1:50,000





Cardno (Qld) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2012 Cardno (Qld) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in any media to any person without the prior written consent of Cardno (Qld) Pty Ltd.

This document is produced by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the contract. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
Project No:	7901-47-027
Date:	08 January 2013
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Afflux(m)	
	-0.06 to -0.05
	-0.05 to -0.04
	-0.04 to -0.03
	-0.03 to -0.02
	-0.02 to -0.01
	-0.01 to 0.00
	0.00 to 0.01
	0.01 to 0.02
	0.02 to 0.03
	0.03 to 0.04
	0.04 to 0.05
	0.05 to 0.06

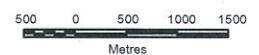


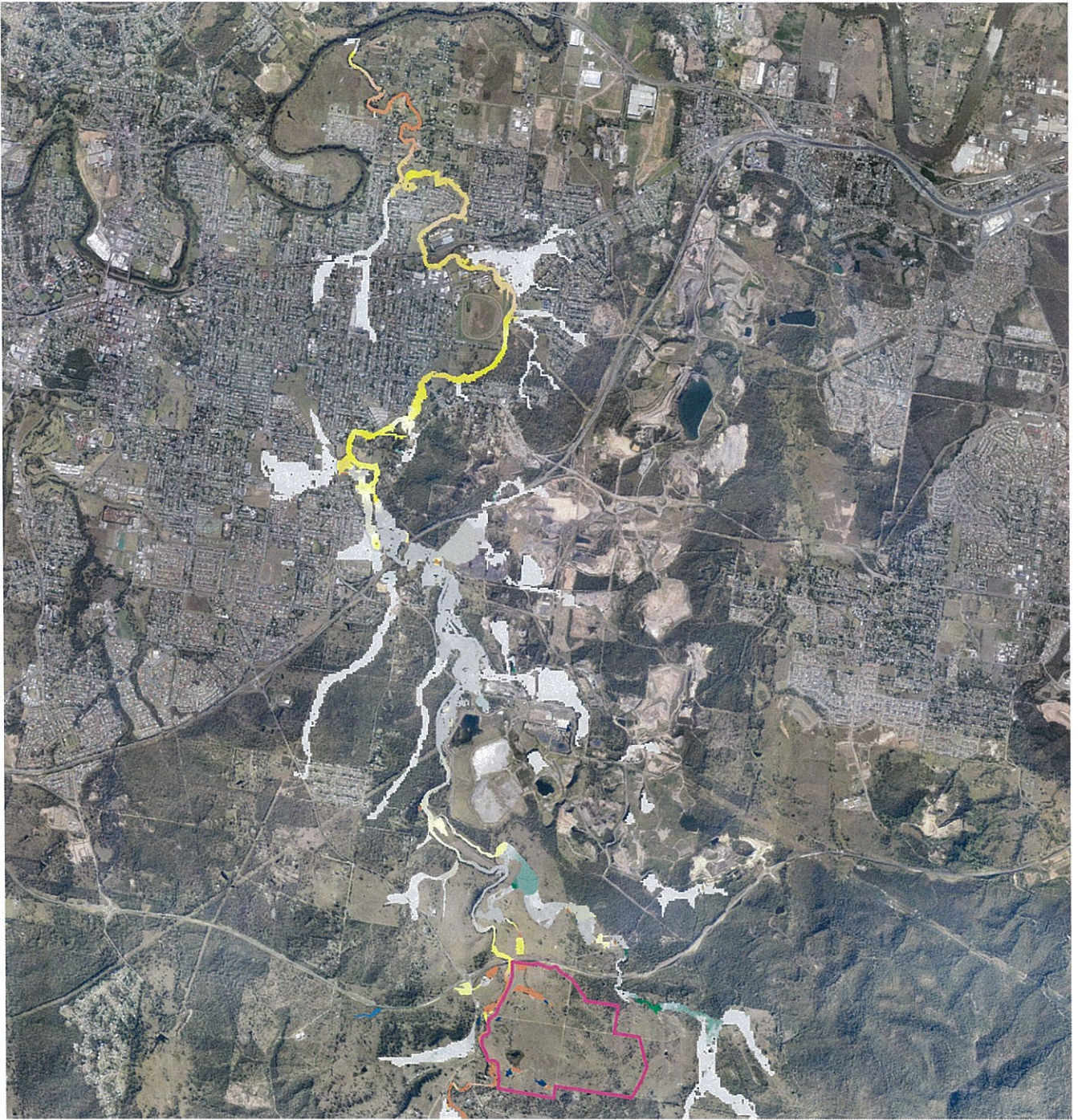
Figure C6

**Ultimate Case Q20
Afflux**

**Ripley Valley Secondary Urban
Centre East**

Scale: 1:50,000





Cardno (Qld) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2013 Cardno (Qld) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in any media to any person without the prior written consent of Cardno (Qld) Pty Ltd.

This document is produced by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the contract. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
Project No:	7901-47-027
Date:	08 January 2013
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Afflux(m)	
	-0.06 to -0.05
	-0.05 to -0.04
	-0.04 to -0.03
	-0.03 to -0.02
	-0.02 to -0.01
	-0.01 to 0.00
	0.00 to 0.01
	0.01 to 0.02
	0.02 to 0.03
	0.03 to 0.04
	0.04 to 0.05
	0.05 to 0.06



Figure C7

**Ultimate Case Q2
Afflux**

**Ripley Valley Secondary Urban
Centre East**

Scale: 1:50,000

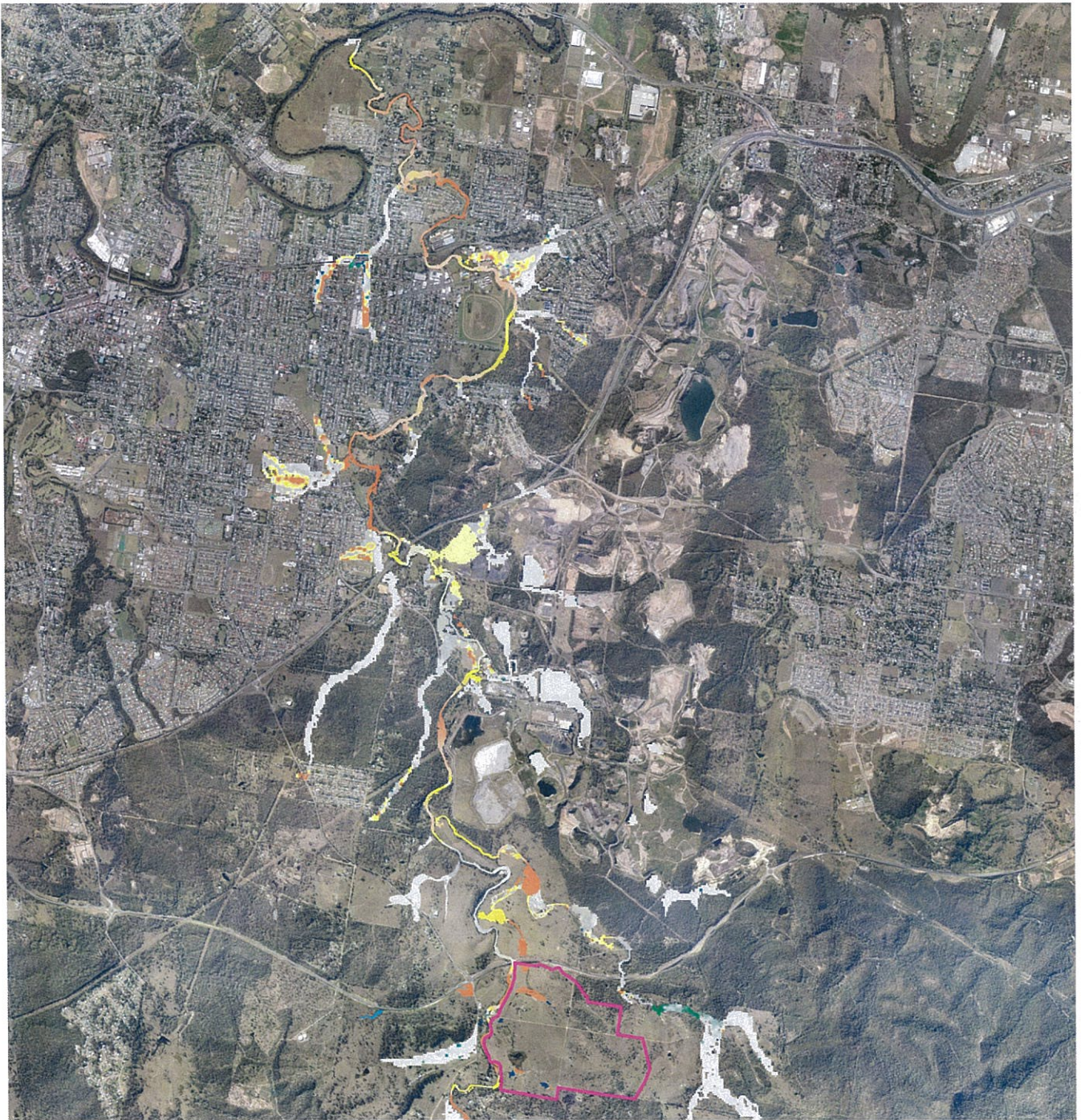


Ripley Valley Secondary Urban Centre
East

APPENDIX

D

Flood Modelling Results- Flood Depths



Cardno (QLD) Pty Ltd | ABN 57 051 074 992
Level 11, North Tower, 515 St Pauls Terrace
Locked Bag 4006, Fortitude Valley QLD 4006
Tel: 07 3369 9822 Fax: 07 3369 9722

© 2012 Cardno (Qld) Pty Ltd All Rights Reserved. Copyright in the whole and every part of this document belongs to Cardno (Qld) Pty Ltd and may not be used, sold, transferred, copied or reproduced in whole or in part in any manner or form or in or on any media to any person without the prior written consent of Cardno (Qld) Pty Ltd.

This document is produced by Cardno (Qld) Pty Ltd solely for the benefit of and use by the client in accordance with the terms of the retainer. Cardno (Qld) Pty Ltd does not and shall not assume any responsibility or liability whatsoever to any third party arising out of any use or reliance by any third party on the content of this document.

SHEET	A3
Project No:	7901-47-027
Date:	08 January 2013
Revision Number:	1
Designed by:	NE
Client Name:	Amex Corporation Pty Ltd

LEGEND

Afflux(m)	
■	-0.06 to -0.05
■	-0.05 to -0.04
■	-0.04 to -0.03
■	-0.03 to -0.02
■	-0.02 to -0.01
■	-0.01 to 0.00
■	0.00 to 0.01
■	0.01 to 0.02
■	0.02 to 0.03
■	0.03 to 0.04
■	0.04 to 0.05
■	0.05 to 0.06



Figure C8

Ultimate Case Q1
Afflux

Ripley Valley Secondary Urban
Centre East

Scale: 1:50,000

