

KEY

LANDSLIDE SYSTEMS

DEEP SEATED ROTATIONAL LANDSLIDES

- Upper Slope Large, high, steep (<45°) scarps with graben structures and multiple blocks of competent bedrock that have been rotated to dip back towards the back scarp.
- Mid Slope Increasingly disaggregated blocks moving downslope with the formation of debris lobes in more argillaceous material.
- Lower Slope Accumulation zone forming lobes and irregular mounds of slope debris.

TRANSLATIONAL LANDSLIDES

- Upper Slope Smaller scarps with landslide blocks displaced along a shear plane with minimal rotational displacement.
- Mid Slope Disaggregated blocks and abundant debris lobes moving downslope.
- Lower Slope Accumulation zone forming lobes and irregular mounds of slope debris.

MUDSLIDES

- Upper Slope Small head scarps with displaced blocks.
- Mid Slope Transported debris with well marked basal and lateral shear zones.
- Lower Slope Accumulation zone forming a series of large lobes of slope debris.

RIVERSIDE FAILURES

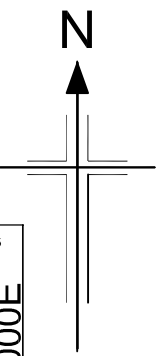
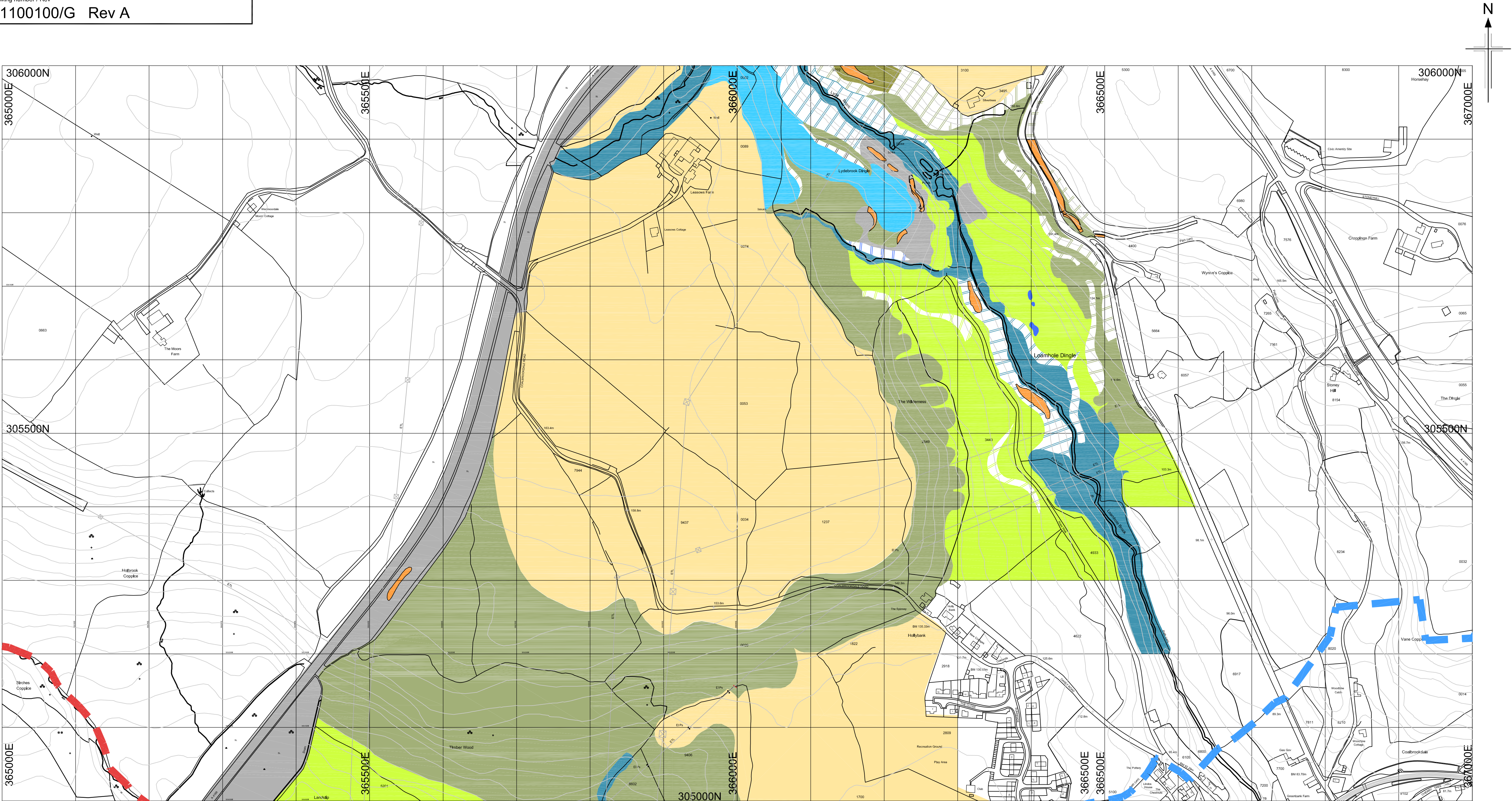
- Localised rotational failures in accumulated slope debris or made ground.

OTHER

- Valley side slopes oversteepened by fluvial activity (some local slope instability).
- Plateau.
- Plateau margin.
- Steep non-landslide slopes in Wenlock Limestone.
- Low gradient valley slopes in Wenlock Shales (limited landslide activity).
- River Terrace.
- Alluvium or alluvial foundation.
- Fluvoglacial sediment.
- Bedrock.
- Made Ground.
- Scarp slope.
- New development.



A	JUN 09	MINOR AMENDMENTS - CLIENT REQUEST	DJW	DHR	JA
0	DEC 08	REPORT	DJW	DHR	JA
Rev	Rev. Date	Purpose of revision	Drawn	Checked	Approved
<div><div>JACOBS</div><div>Hollinswood House, Stafford Court, Stafford Park 1, Telford, UK, TF3 3DD Tel: +44(0)1952 236500 Fax: +44(0)1952 236501 www.jacobs.com</div></div>					
Client <div><div>Telford & Wrekin</div><div>COUNCIL</div></div>					
Project <div>IRONBRIDGE GORGE GEOMORPHOLOGICAL MAPPING</div>					
Drawing title <div>LANDSLIDE MAP STUDY AREA SJ 6503 - SJ 6603</div>					
Drawing status <div>REPORT</div>					
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Jacobs No.		B1100100			
Client no.		-			
Drawing number					Rev
1100100/G					A
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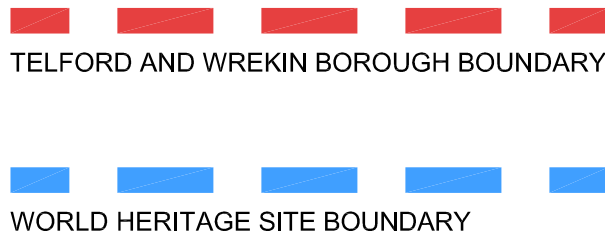
- Upper Slope Small head scarps with displaced blocks.
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RIVERSIDE FAILURES

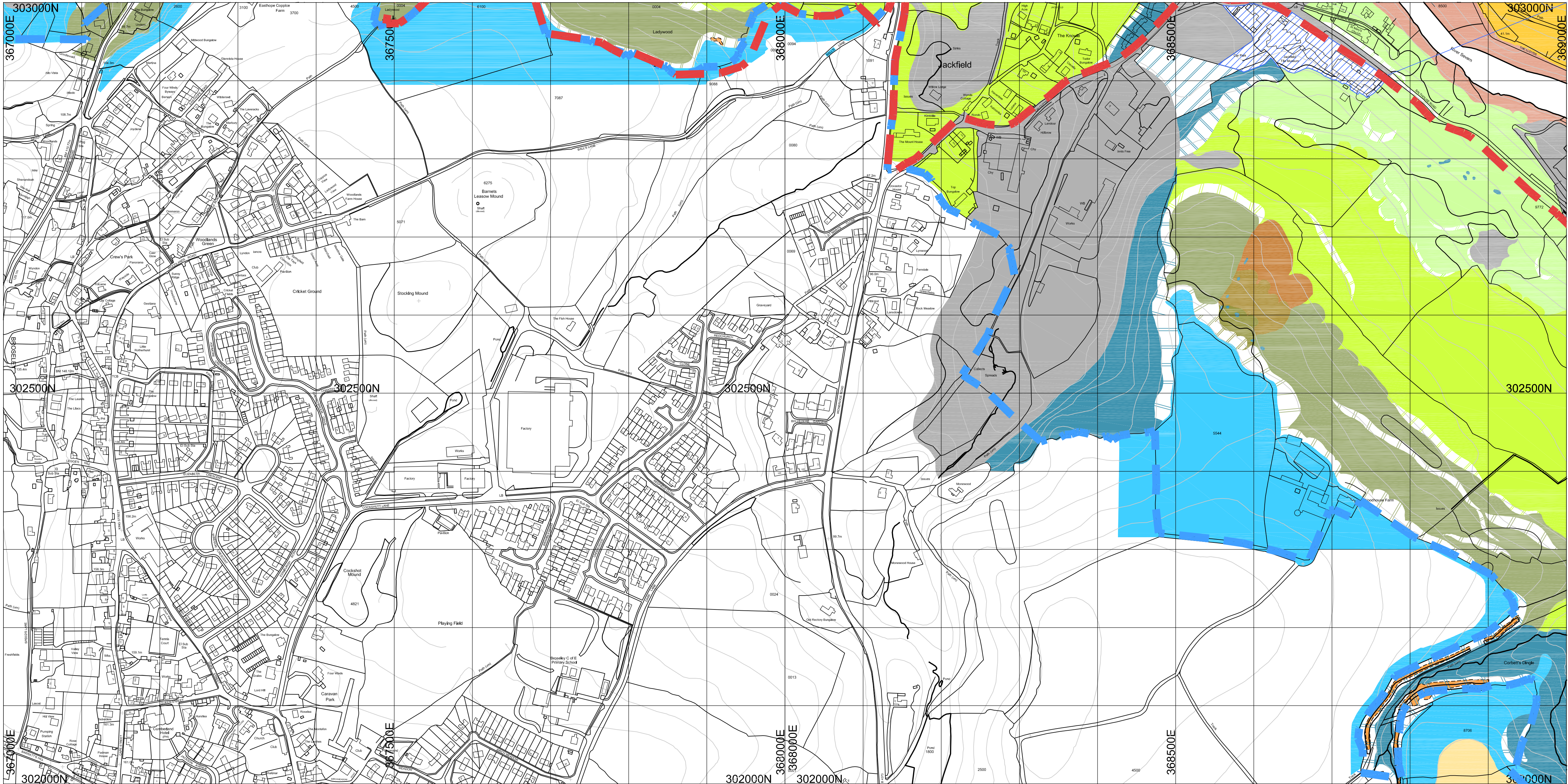
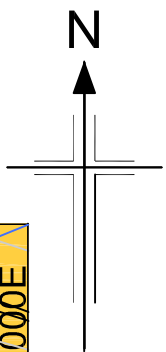
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OTHER

- Valley side slopes oversteepened by fluvial activity (some local slope instability).
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- Plateau margin.
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Client <div><div>Telford & Wrekin</div><div>COUNCIL</div></div>					
Project <div>IRONBRIDGE GORGE GEOMORPHOLOGICAL MAPPING</div>					
Drawing title <div>LANDSLIDE MAP STUDY AREA SJ 6505 - SJ 6605</div>					
Drawing status <div>REPORT</div>					
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Jacobs No.		B1100100			
Client no.		-			
Drawing number					Rev
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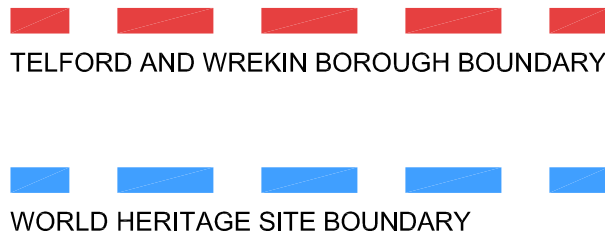
- Upper Slope Small head scarps with displaced blocks.
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RIVERSIDE FAILURES

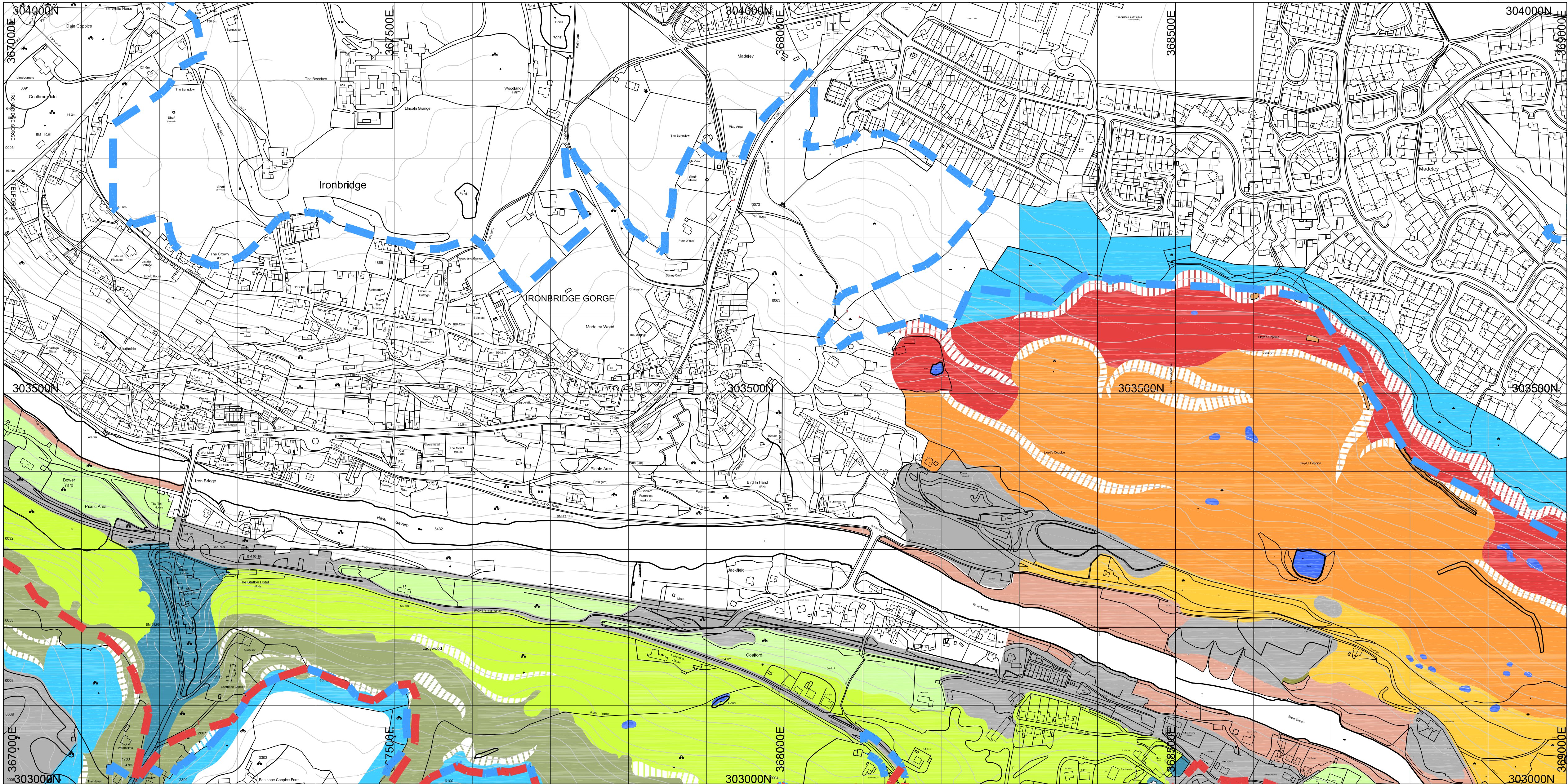
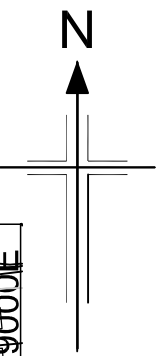
- Localised rotational failures in accumulated slope debris or made ground.

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Client <div>Telford & Wrekin COUNCIL</div>					
Project <div>IRONBRIDGE GORGE GEOMORPHOLOGICAL MAPPING</div>					
Drawing title <div>LANDSLIDE MAP STUDY AREA SJ 6702 - SJ 6802</div>					
Drawing status <div>REPORT</div>					
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Client no.		-			
Drawing number					Rev
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Tel: +44(0)1952 236500 Fax: +44(0)1952 236501
www.jacobs.com

Client
Telford & Wrekin
COUNCIL

Project
**IRONBRIDGE GORGE
GEOMORPHOLOGICAL MAPPING**

Drawing title
**LANDSLIDE MAP
STUDY AREA
SJ 6703 - SJ 6803**

Drawing status
REPORT

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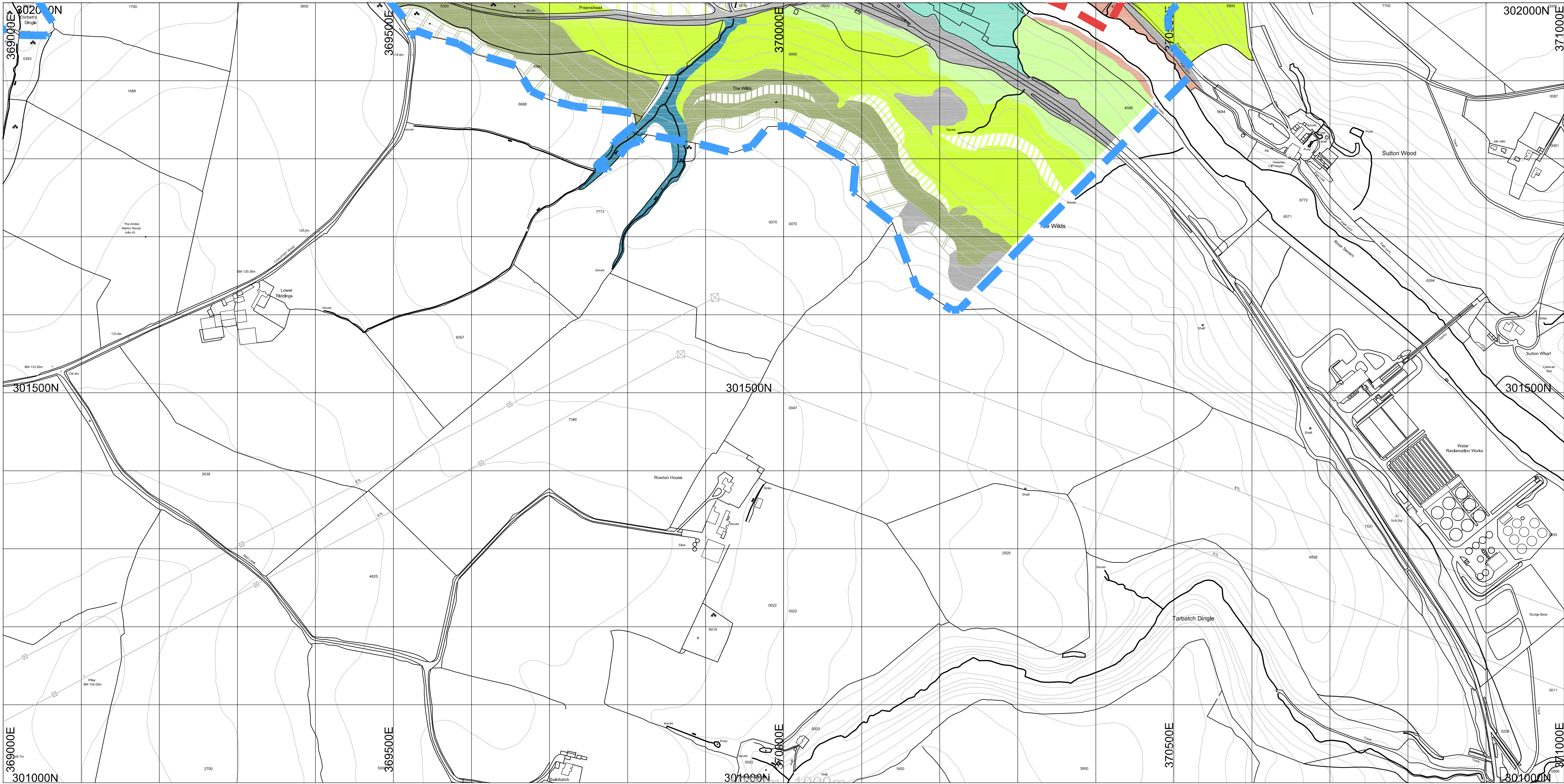
Jacobs No.
B1100100

Client no.
-

Drawing number
1100100/G

Rev
A

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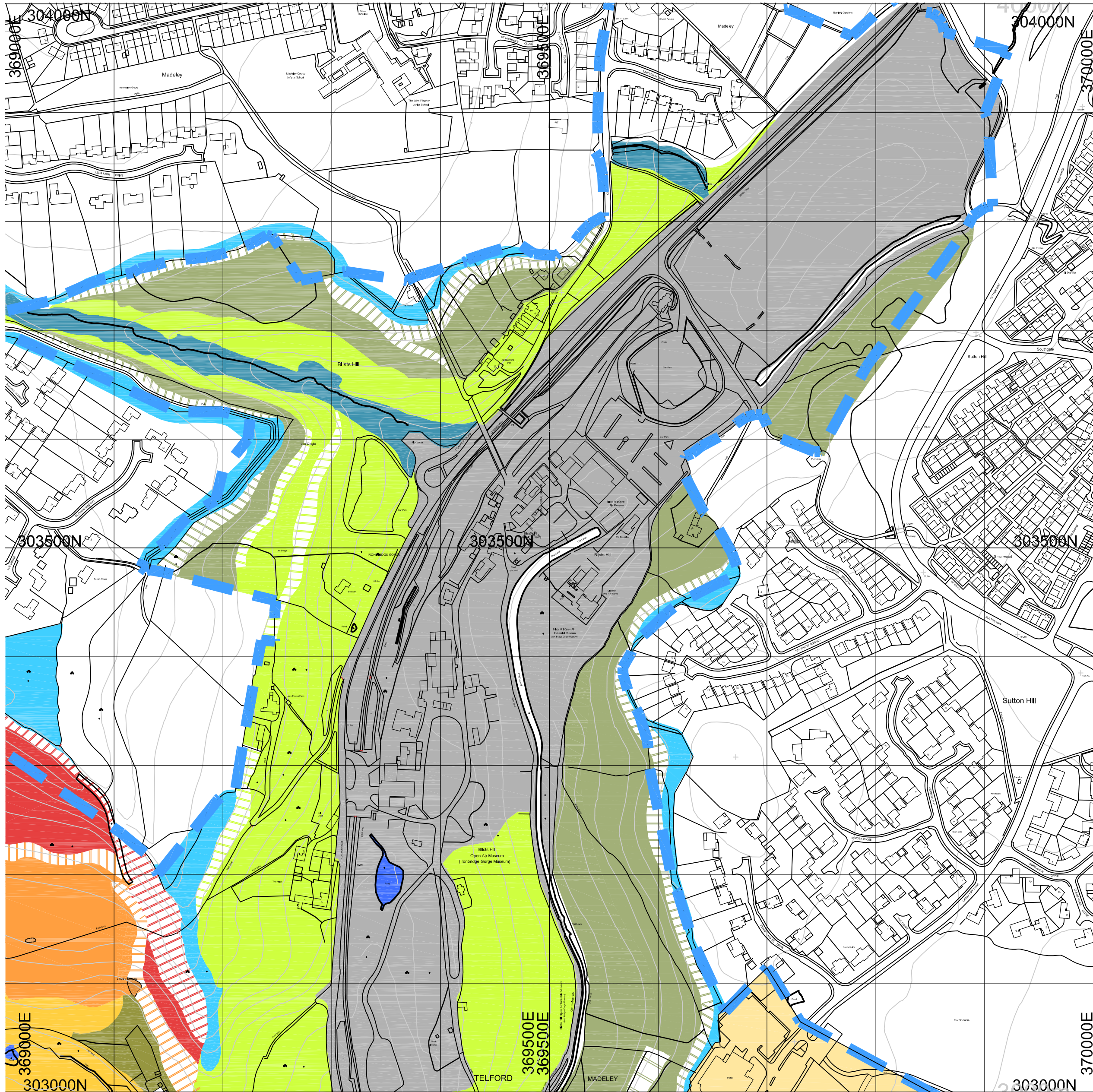
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TELFORD AND WREKIN BOROUGH BOUNDARY

WORLD HERITAGE SITE BOUNDARY

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Client <div>Telford & Wrekin COUNCIL</div>					
Project <div>IRONBRIDGE GORGE GEOMORPHOLOGICAL MAPPING</div>					
Drawing title <div>LANDSLIDE MAP STUDY AREA SJ 6901 - SJ 7001</div>					
Drawing status <div>REPORT</div>					
Scale		1:3000 @ A1	DO NOT SCALE		
Jacobs No.		B1100100			
Client no.		-			
Drawing number					Rev
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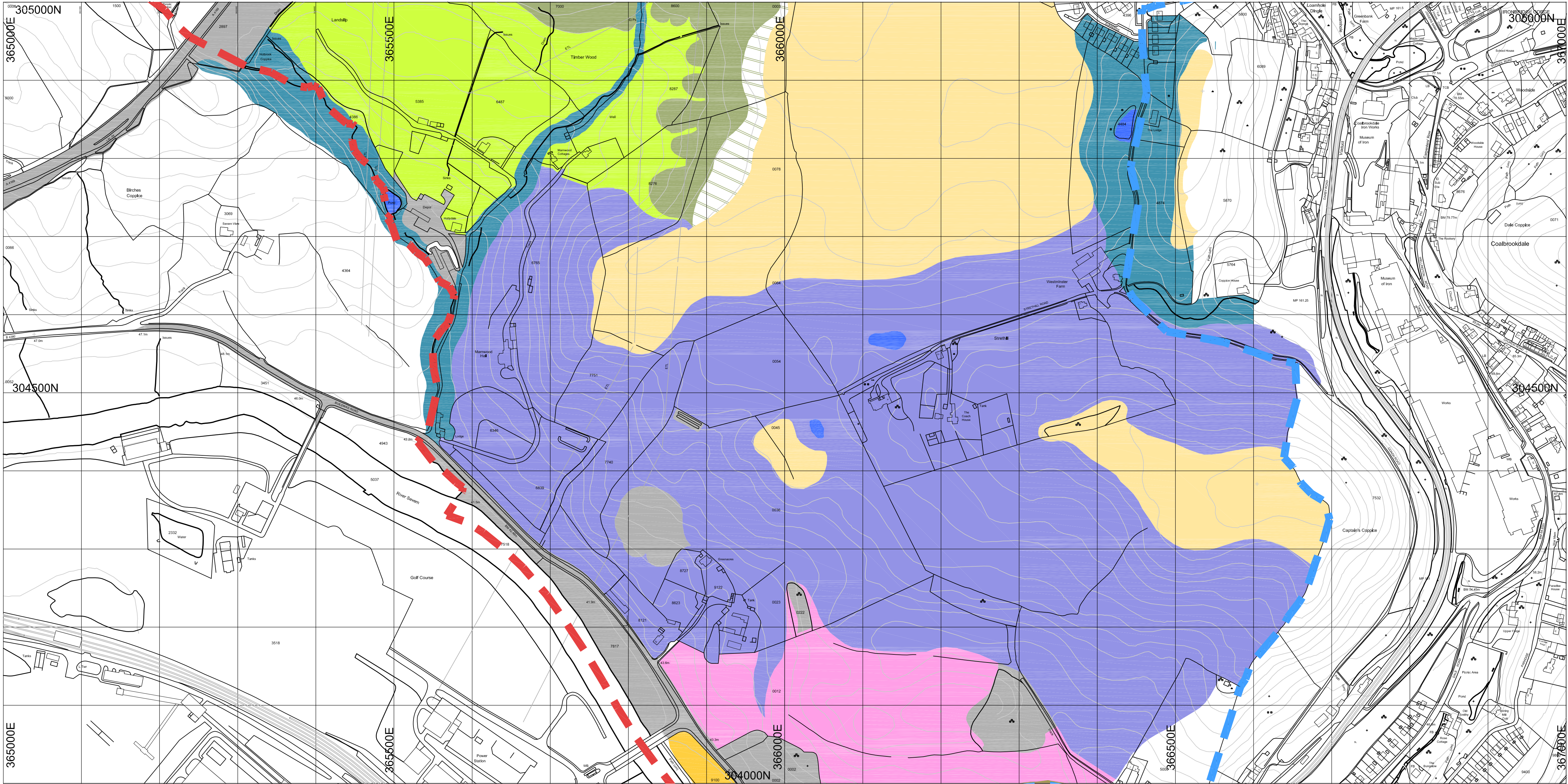
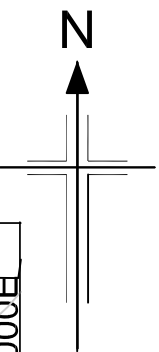
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Client <div><div>Telford & Wrekin</div><div>COUNCIL</div></div>					
Project <div>IRONBRIDGE GORGE GEOMORPHOLOGICAL MAPPING</div>					
Drawing title <div>LANDSLIDE MAP STUDY AREA SJ 6903</div>					
Drawing status <div>REPORT</div>					
Scale			1:3000 @ A1		
Jacobs No.			DO NOT SCALE		
Client no.			B1100100		
Drawing number			-		
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


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- Upper Slope  Small head scarps with displaced blocks.
- Mid Slope  Transported debris with well marked basal and lateral shear zones.
- Lower Slope  Accumulation zone forming a series of large lobes of slope debris.

RIVERSIDE FAILURES

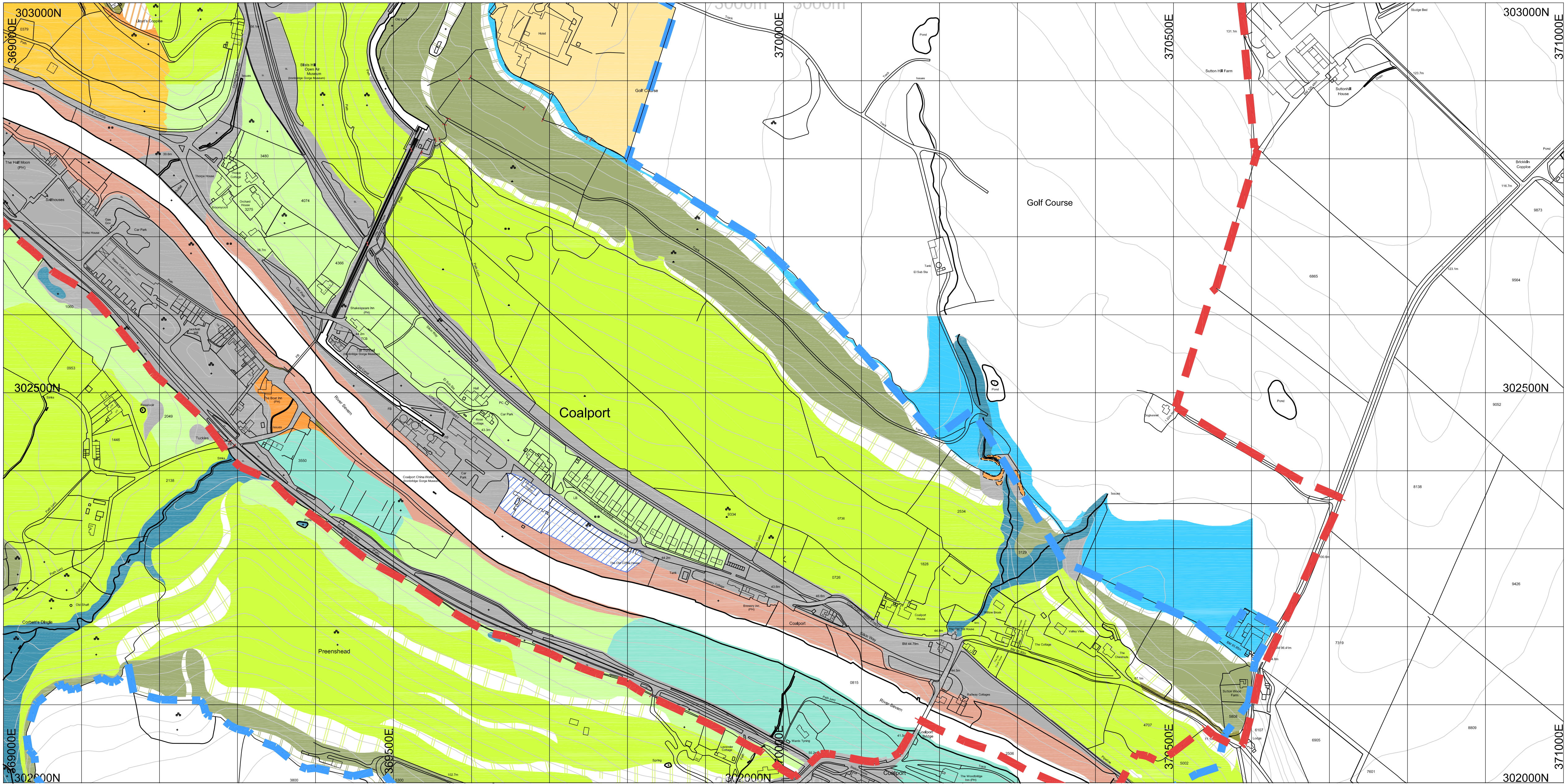
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-  Valley side slopes oversteepened by fluvial activity (some local slope instability).
-  Plateau.
-  Plateau margin.
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Client **Telford & Wrekin COUNCIL**

Project **IRONBRIDGE GORGE
GEOMORPHOLOGICAL MAPPING**

Drawing title **LANDSLIDE MAP
STUDY AREA
SJ 6902 - SJ 7002**

Drawing status	REPORT	
Scale	1:3000 @ A1	DO NOT SCALE
Jacobs No.	B1100100	
Client no.	-	
Drawing number	1100100/G	Rev A

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