



**Haweswater Aqueduct Resilience Programme - Proposed Bowland  
Section**

**Environmental Statement**

**Volume 4**

**Appendix 7.5: Long section extracts from Martin Preene Report**

June 2021



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## Haweswater Aqueduct Resilience Programme - Proposed Bowland Section

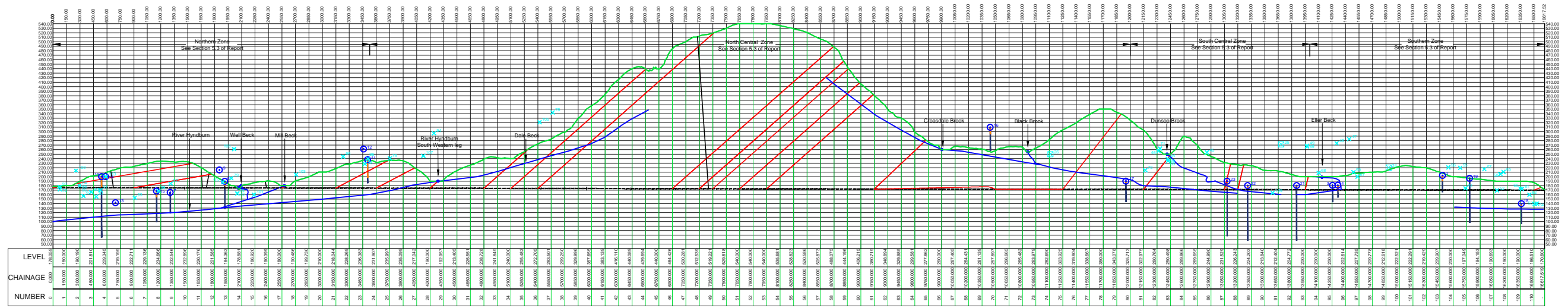
Project No: B27070CT  
Document Title: Proposed Bowland Section Environmental Statement  
Volume 4 Appendix 7.5: Long section extracts from Martin Preene Report  
Document Ref.: LCC\_RVBC-BO-TA-007-005  
Revision: 0  
Date: June 2021  
Client Name: United Utilities Water Ltd

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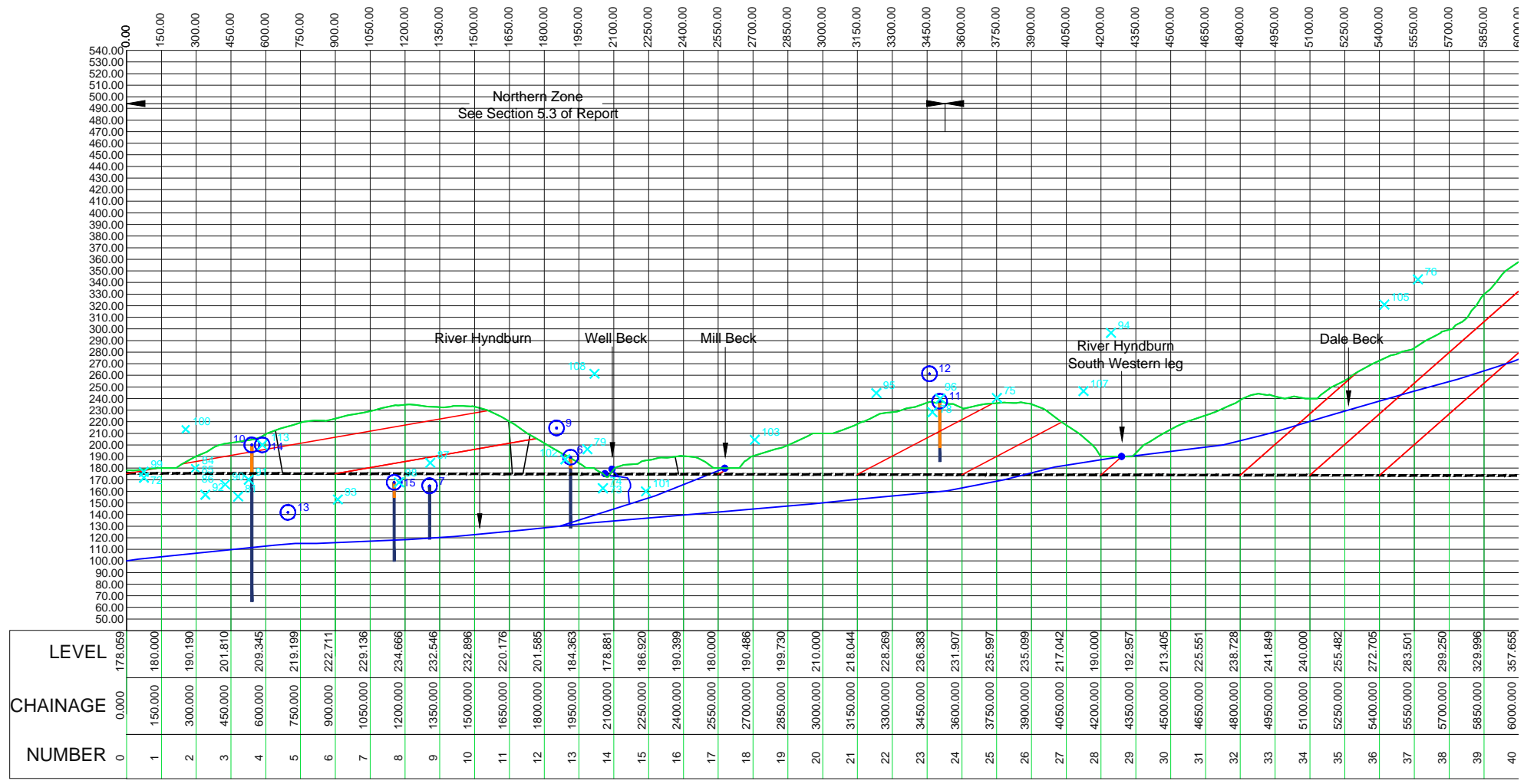
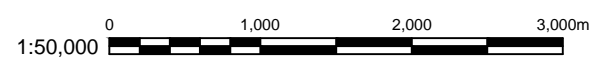
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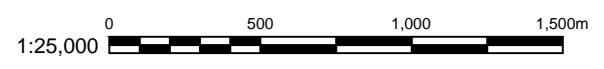


Five times vertical exaggeration



**LEGEND**

- Tunnel alignment section T03
- Strata
- Major geological fault
- Major surface water feature
- No groundwater present
- Groundwater present
- Tunnel and surface water intersection
- Well/ borehole
- Spring (known geology)
- Spring (unknown geology)



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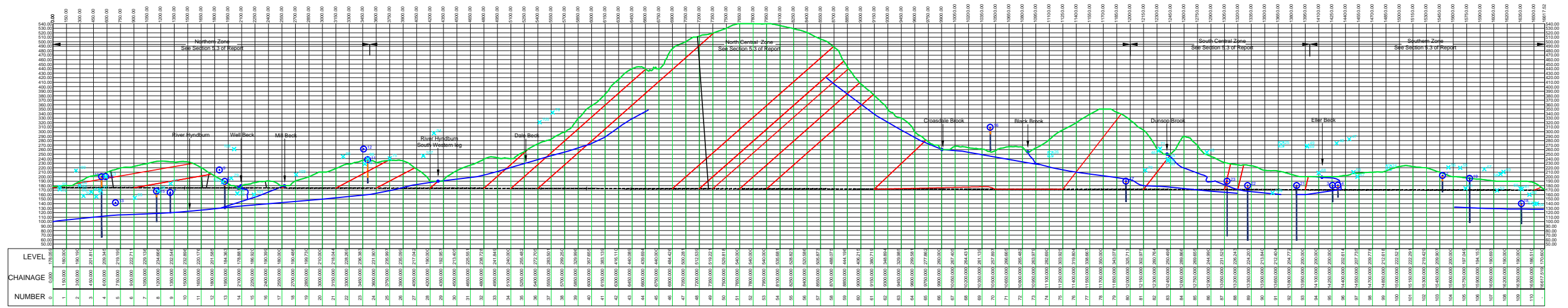
Client  
 Preene Groundwater Consulting Ltd

Project  
 HAWESWATER AQUEDUCT

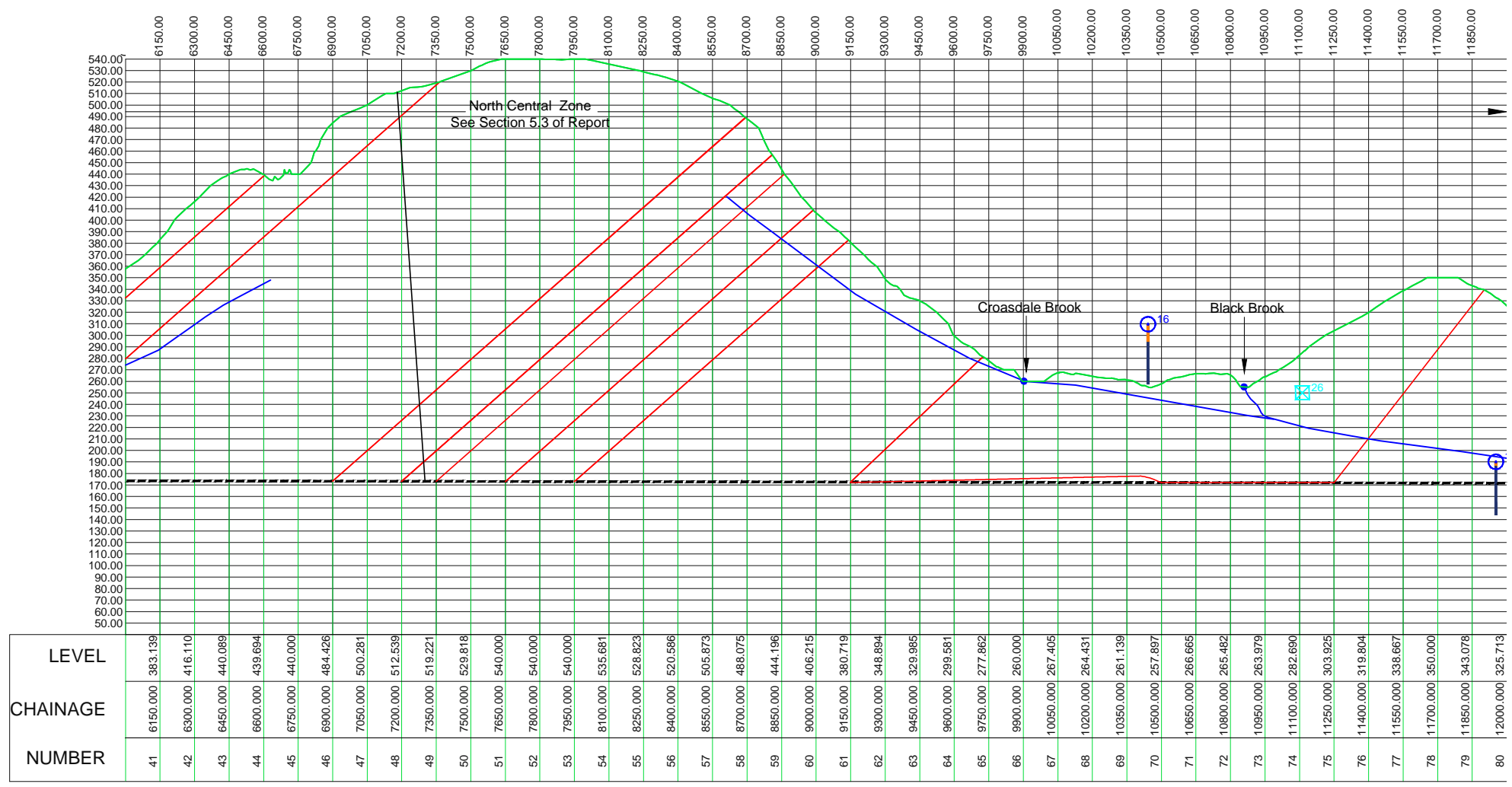
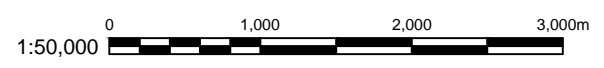
Title  
 Groundwater Level Data Projected on Tunnel Alignment: T03 Bowland Forest (Part 1)

Size A3	Scale as shown	Date 04.06.15	Created by CD	Reviewer NR
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Drawing No.  
**104-3a**

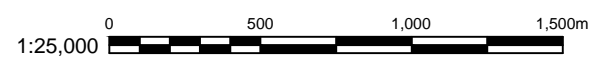


Five times vertical exaggeration

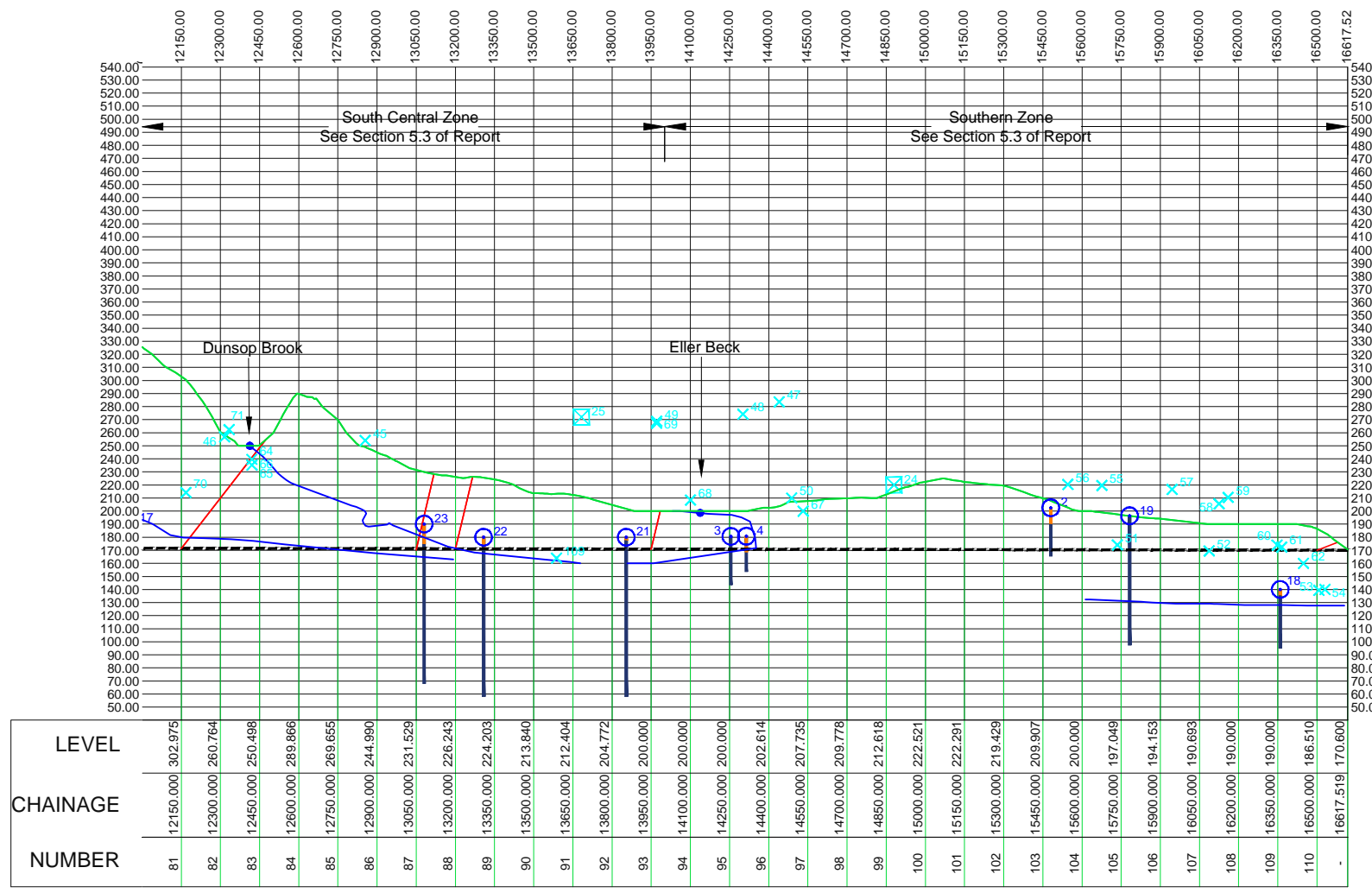
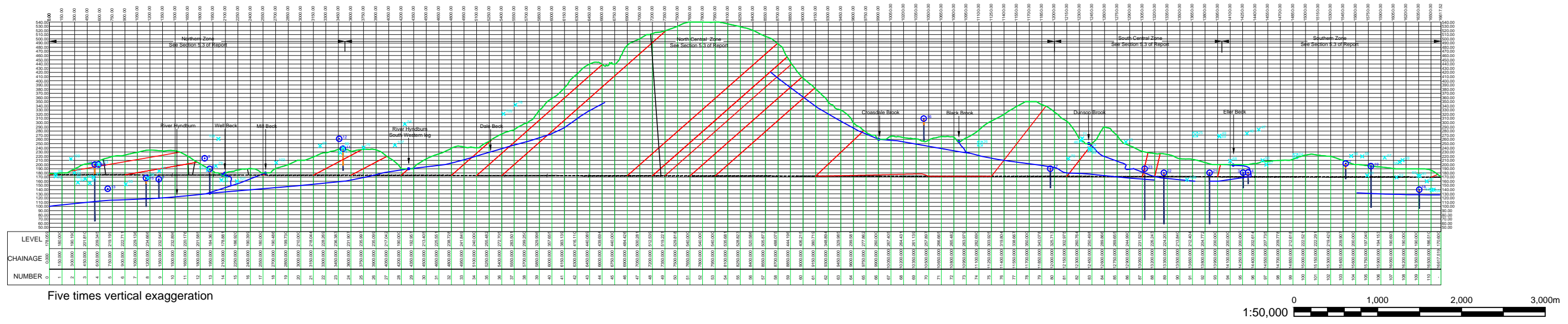


LEGEND

- Tunnel alignment section T03
- Strata
- Major geological fault
- Major surface water feature
- No groundwater present
- Groundwater present
- Tunnel and surface water intersection
- Well/ borehole
- Spring (known geology)
- Spring (unknown geology)



Prepared by: 	On behalf of: 	Client <b>Preene Groundwater Consulting Ltd</b>	Title <b>Groundwater Level Data Projected on Tunnel Alignment: T03 Bowland Forest (Part 2)</b>			
		Project <b>HAWESWATER AQUEDUCT</b>	Size <b>A3</b>	Scale <b>as shown</b>	Date <b>04.06.15</b>	Created by <b>CD</b>
		Drawing No. <b>104-3b</b>		Rev <b>-</b>		



- ### LEGEND
- Tunnel alignment section T03
  - Strata
  - Major geological fault
  - Major surface water feature
  - No groundwater present
  - Groundwater present
  - Tunnel and surface water intersection
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Project  
 HAWESWATER AQUEDUCT

Title  
 Groundwater Level Data Projected on Tunnel  
 Alignment: T03 Bowland Forest (Part 3)

Size A3	Scale as shown	Date 04.06.15	Created by CD	Reviewer NR
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Drawing No.  
**104-3c**

Rev  
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