

## Whitehaven Vickery Extension Project Community

### Consultative Committee

**Date:** Thursday 23 October 2025

**Venue:** Whitehaven Mine, and Online via Zoom

<b>Invitees</b>	
<p><b>Community Representatives</b></p> <p>Leon Mills (LM), Community Representative * first meeting</p> <p>George Avard (GA), Community Representative * first meeting</p> <p><b>Narrabri Shire Council</b> No rep in attendance</p> <p><b>Gunnedah Shire Council</b></p> <p>Cr Ann Luke (AL), Councillor Gunnedah Shire Council (alternate representative)</p> <p>Wade Hudson (WH), Gunnedah Shire Council Manager Development Assessment</p>	<p><b>Whitehaven Coal</b></p> <p>Megan Martin (MM), Environmental Superintendent</p> <p>Matthew Sparkes (MS), Manager Operations Whitehaven Vickery</p> <p>Darren Swain (DS), General Manager Community Engagement Whitehaven</p> <p>Phil Wade, Senior Project Manager on Vickery Extension Project</p> <p><b>Independent Chairperson</b></p> <p>Professor Roberta Ryan (RR)</p> <p><b>Minute taker</b></p> <p>Zoey Mackey-Craig (ZMC)</p>
<b>Apologies</b>	
<p>Keith Blanch (KB), Community Representative</p> <p>Barry Thompson (BT), Community Representative</p> <p>Grant McIlveen (GM), Community Representative</p> <p>Cr Brett Dickinson (BD), Councillor Narrabri Shire Council (alternate representative)</p> <p>Cr Ethan Towns (ET), Councillor Narrabri Shire Council (delegate)</p> <p>Cr Cameron Moore (CM) Councillor Gunnedah Shire Council (delegate)</p> <p>Jabin de Keizer (JdK), Community Relations Manager Whitehaven</p>	

<b>Item</b>	<b>Description</b>
<b>1</b>	<b>Welcome, agenda, apologies, declarations – RR</b>
	<p>RR opened the meeting, welcoming members, including new members George Avard (GA) and Leon Mills (LM). Both GA and LM introduced themselves and confirmed they attended a site tour on 22/10/2025.</p> <p>MM introduced Phil Wade, Senior Project Manager on the Vickery Extension Project, who joined the meeting online from Brisbane to provide an update on the rail spur.</p> <p>Declarations were discussed and Roberta asked members to advise of any changes or new</p>

Whitehaven Vickery Extension Project Community

Consultative Committee

	<p>matters to be declared.</p> <p>George Avard noted he had previously held Whitehaven Shares.</p> <p>ZMC to provide declaration of interest form for updating.</p> <p><b>Review of previous minutes</b></p> <p>No comments from members received.</p>
<b>2</b>	<p><b>Actions arising</b> <i>This section provides an opportunity to follow up on the actions agreed at the previous meeting/s, clarify outstanding issues, and offer any relevant updates or feedback. It ensures continuity between meetings and allows the group to track progress on previously discussed items.</i></p>
	<p><b>ACTIONS ARISING. FEBRUARY MEETING</b></p> <p><i>It was noted that there are outstanding actions from the February meeting. These actions have been recorded on the agenda and in the minutes to ensure answers are provided by the responsible persons to members of this committee.</i></p> <p><b>A): Questions for Narrabri Council.</b> <b>Responsible:</b> BD, ET <b>Update from July Meeting:</b> Cr Townes advises he will escalate with the General Manager of Narrabri Council to provide responses to these questions. <b>Due:</b> ASAP</p> <p><b>(a) How much money has the Council received in the past 20 years through VPAs and one-off payments associated with the mining industry.</b> BD says that all VPA agreements are published on the Council's website, so can be accessed there.</p> <p>BD is unaware at this stage as to where this us up to, but he has forwarded this on to council and will provide a response offline as soon as possible.</p> <p><b>(b) How much money has been invested back into Boggabri within this past 20-year period.</b></p> <p>BD has forwarded this to the council and will provide a response offline as soon as possible.</p> <p><b>(c) How much interest has been earned on the \$3.2 million contributed to the Council by the Vickery Coal mine.</b></p> <p>BD has forwarded this on to council and will provide a response offline as soon as possible.</p> <p><b>No representative from Narrabri was in attendance of the meeting held on the 23<sup>rd</sup>.</b></p>

## Whitehaven Vickery Extension Project Community

### Consultative Committee

**Chair note** – Narrabri Council provided detailed responses to the above questions out of session. Due the nature of the financial information, these details have been provided directly to members and will not be included in the minutes for public record.

**This matter is now closed.**

#### ARISING, JULY MEETING

**A):** Draft Terms of Reference (ToR) for this group, for review by members.

**Responsible:** RR, MM and ZMC

**Due:** 10 July 2025

Updated Committee Terms of Reference (ToR) were presented to members. ZMC advised this version of the ToR incorporated changes requested by members in the previous meeting:

- Update **Meeting venue and format** to include “or alternative location as required”
- Update “**Recording of meeting**” to indicate “Meeting recordings are only for the benefit of members/chairperson and cannot be published”

Members in attendance and MM confirmed they were broadly satisfied with the ToR, however given many members were not in attendance MM and the Chair agreed the ToR would be circulated once more before they were agreed.

Members were advised by MM that once the ToR are agreed and signed off by the Chair, they will be shared on the public Whitehaven Vickery website.

<https://whitehavencoal.com.au/our-business/our-assets/vickery-extension-project/>

MM advised that each member is required to have either a contact number or an email address publicly available, unless they request otherwise.

**Update to Matter (A):** Re circulate ToR to members, with request for approval to publish name and contact email on the Whitehaven Vickery website.

Responsible: ZMC

Due: ASAP

**(Action C)** Agenda item for following meeting, MOD1 Approval, including status update, summary of public submissions received, and advise caps on water extraction which may be placed on properties involved. MM to present on the 23<sup>rd</sup> October.

MOD1 update provided in Agenda Item 6.

**This matter is now closed.**

**(Item 1)** Provide committee members with the link to the [Departments Major Projects](#) website.

Provided to members via email on the 29<sup>th</sup> August 2025.

## Whitehaven Vickery Extension Project Community

### Consultative Committee

**This matter is now closed.**

**(Item 2)** Provide members with the link to the approved design plans which are available online, in particular the trainline.

MM advised this was first provided in August 2024, provided for members again here:

[Flood Study, including rail spur design](#)

**This matter is now closed.**

**(Item 3)** Confirm and report back on the consultation process followed for the rail spur detailed design and how feedback from Council and submitters is incorporated. Provide link for updated plans to CCC members.

**Responsible:** MM

A full presentation on the rail spur was provided by Phil Wade in Agenda Item 6, including a summary of the consultation undertaken during the approval process.

MM advised that additional consultation on the detailed design was not possible, as the rail spur formed part of the approved SSD-7480 and had already been subject to an Environmental Impact Statement (EIS), public exhibition, Independent Planning Commission (IPC) review, and further assessment by the Department of Planning and Housing Infrastructure (DPHI) prior to the detailed design being finalised.

**This matter is now closed.**

**(Item 4)** Create glossary of terms and include in all reporting to the Committee. Provide a copy of glossary to CCC members for reference.

**Responsible:** MM

MM advised members a digital version of the glossary would be provided as an appendix to each quarterly report for the CCC. Physical laminated copies would be provided for in person attendees. It was agreed by all members, the Chair and MM that these glossaries would be updated with terminology as required.

**This matter is now closed.**

**(Item 5)** Determine unique identifier for “Braymont” road, specifically the section that has experienced recent overuse leading to damage. Provide unique identifier to Cr. Towns, to enable Council maintenance on damaged road.

**Responsible:** MM

**Chair note** – GM was an apology for the meeting however had asked for this message to be shared:

*“Also, at the meeting can you please thank Narrabri Shire for grading the roads, Whitehaven for putting the signs up that has dramatically cut the road usage on Braymont Road and keep onto Narrabri about the money owing to Boggabri, otherwise a letter to go to the Planning dept about that money please*

Whitehaven Vickery Extension Project Community

Consultative Committee

	<p><i>Thanks Grant”</i></p> <p><b>This matter remains open. ZMC to progress out of session.</b></p> <p><b>(Item 6)</b> Arrange traffic audit before the end of 2025. <b>Responsible:</b> MM</p> <p>MM advised audit is scheduled and the use of Braymont Road will be included within the audit process. Outcomes to be shared with members by MM in the CCC Meeting 29.01.2026.</p> <p><b>This matter is now closed.</b></p> <p><b>(Item 7)</b> Provide update on Narrabri Aged Care Development to CCC members.</p> <p>No one from Narrabri Shire Council was in attendance of the meeting.</p> <p><b>This matter remains open. ZMC to progress out of session.</b></p>
<b>3</b>	<p><b>Environmental Report</b></p> <p>Megan Martin (MM) provided members with a detailed report on monitoring for the quarter:</p> <p>Refer to report attached.</p> <p><b>Noise Monitoring</b> Noise is checked every month and reviewed each quarter. There have been no exceedances (no breaches of allowed noise levels). Monitoring continues for compliance and transparency, even though no issues have been found.</p> <p><b>Attended monitoring sites (shown in report as red arrows):</b> An acoustic engineer visits the site and records noise for about 30 minutes. They record the 15-minute average and the maximum noise (LAm<sub>ax</sub>). Special software filters out background sounds so only the mine’s contribution is measured.</p> <p>Results often show noise as “IA” (inaudible) or between 20–30 decibels, depending on weather and conditions.</p> <ul style="list-style-type: none"><li>• Attended noise monitoring was conducted at “Lanreef” (N-AT2) and “Broadwater” (N-AT1) properties once a month during this reporting period.</li><li>• N-AT3 will not be monitored until rail spur construction begins (located at Vivale).</li><li>• Results from N-AT2 and 1 did not exceed criteria at any private receivers.</li></ul> <p><b>Air Monitoring</b></p> <p>No air quality exceedances have been recorded — all monitoring results remain fully compliant.</p> <ul style="list-style-type: none"><li>• The mining area is outlined by red boxes in the report; the rail spur and two</li></ul>

## Whitehaven Vickery Extension Project Community

### Consultative Committee

weather stations (Met 1 and Met 2) allow weather tracking at both ends of the operation.

- Weather data helps interpret air quality changes, as rainfall and wind can vary significantly across the site.

#### **TEOM Monitors (Tapered Element Oscillating Microbalance):**

- Four TEOM units measure dust particles:
  - PM10: dust smaller than 10 microns (visible dust).
  - PM2.5: very fine particles (from combustion, fires, or diesel) that affect health.

#### **High-Volume Air Samplers (HVAS):**

- HVAS operate one day every six days, collecting air through a filter that's then weighed in a lab.
- Results can be influenced by farming or regional dust, not necessarily mining.

#### **Depositional Dust Gauges:**

- Simple "bottle and funnel" units that collect dust over time; samples are weighed to determine dust deposition rates.
- Though low-tech, they still provide useful data for monitoring along with the other mechanisms.

#### **Water Monitoring**

##### **Bores**

50 bores are monitored across the site. This is a three week process every quarter. Samples are sent to a NATA accredited lab for testing. Groundwater monitoring results indicate stable Ground Water (GW) levels. GW quality is variable; each bore will need 2 years of data to inform detailed trigger levels for each bore. At this stage, generic levels are used where data is not sufficient yet to inform exact triggers.

Cr Ann Luke enquired which of the new bores are not yet drilled, and if they are all approved. MM advised the number of bores are part of the approved plan, however, new bores are not yet drilled, and locations are still to be determined.

MM confirmed that the site has approval under the Planning Act for the bores, however they do not yet have approval under the Water Management Act. Further testing will also be needed to determine extraction limits for each.

##### **Surface water**

Dam levels are surveyed weekly. Upstream and downstream monitoring is undertaken to ensure stability. SD-A (Surface Dam-A) has a level monitor in it for live level monitoring.

##### **Rainfall**

Stable rainfall since March. August was wetter than usual.

##### **Blast Monitoring**

Blast notifications are listed on the Vickery Website and the day before a blast an SMS is sent out to all those on registered on the notification list. Emails sent to neighbours the day before if a road closure is required. Gunnedah and Narrabri Shire Councils are also notified.

## Whitehaven Vickery Extension Project Community

### Consultative Committee

	<p>Specialist traffic controllers are engaged to implement closures and manage safety as required.</p> <ul style="list-style-type: none"><li>• 87 blasts conducted since January 2024</li><li>• 13 blasts in the most recent quarter</li><li>• All blasts this quarter were within Project Approval conditions and Environmental Protection Licence (EPL) criteria.</li></ul> <p><b>Management plans</b></p> <p>Several plans were triggered to be reviewed following the approval of MOD1.</p> <ul style="list-style-type: none"><li>• Waste Management Plan</li><li>• Aboriginal Cultural Heritage Management Plan</li><li>• Environmental Management System</li><li>• Water Management Plan</li><li>• Traffic Management Plan</li></ul> <p>Approved:</p> <ul style="list-style-type: none"><li>• Blast Management Plan</li></ul> <p>In progress:</p> <ul style="list-style-type: none"><li>• Biodiversity Management Plan</li></ul>
<b>4</b>	<p><b>Project Update/Approvals Update</b></p> <p>MS provided members with an update on operations for Q1 FY25-26</p> <ul style="list-style-type: none"><li>• 5.1Mbcm overburden moved in Q4 of FY24-25</li><li>• Target for this year is 22.4 Mbcm</li><li>• 621kt ROM coal mined in Q1</li><li>• 190 people in workforce in Q1 FY26</li></ul> <p><b>Safety and Compliance Performance</b></p> <ul style="list-style-type: none"><li>• No recordable injuries for over 12 months.</li><li>• Lead indicators (in place to reduce chances for injury or health impacts) are tracking well.</li></ul>
<b>5</b>	<p><b>Community Updates, Complaints</b></p> <p>Darren Swain provided an update</p> <ul style="list-style-type: none"><li>• Three complaints were received in Q1, all relating to the same blast event.</li><li>• All complaints were lodged through regulators and were anonymous, making follow-up or adding individuals to the notification list difficult.</li><li>• The blast in question was within approved limits, though it was acknowledged that impacts can be felt differently depending on individual location and perception.</li><li>• DS agreed it would be helpful to understand who is making the complaints so that direct discussion and clarification can occur where possible</li></ul> <p><b>Community Investment</b></p> <ul style="list-style-type: none"><li>• The Community Investment Program has transitioned to a six-monthly review cycle.</li><li>• Applications can be submitted at any time and will be assessed during the</li></ul>

## Whitehaven Vickery Extension Project Community

### Consultative Committee

	<p>scheduled review periods, with some out-of-session support considered where appropriate.</p> <ul style="list-style-type: none"><li>• The next funding round is scheduled for early November</li></ul> <p><b>Regional partnerships</b></p> <ul style="list-style-type: none"><li>• \$47,150 provided in community partnerships and donations for Q1 FY25-26</li></ul>
<b>6</b>	<p><b>Next Steps in the Project – Report on MOD1</b></p> <p>MM acknowledged the details of MOD1, which was approved 7<sup>th</sup> August 2025, were presented to members at the previous meeting and there were some questions from members around the key items raised in submissions.</p> <p>By way of key points, MM shared that the landform was updated to be what is known as “geomorphic”, a more natural looking landform. Additionally, an alternative shorter route to realign roads and water pipelines, which had previously triggered requests from members for more detail around the pipelines [provided in the last meeting].</p> <p>MM advised that the key items raised in submissions regarding MOD1 were:</p> <ul style="list-style-type: none"><li>• Potential impacts to groundwater, focused on water security for agricultural use</li><li>• Potential impacts to surface water</li><li>• Waste tyre disposal</li></ul> <p>In response to the waste tyre disposal MM confirmed strict controls apply under the site’s EPL (Environment Protection Licence):</p> <ul style="list-style-type: none"><li>• Tyres are not placed on pit floors or near rejects or potentially acid-forming material (minimum 15 m separation).</li><li>• Tyres are stored in dedicated areas, no more than 3 m high, and away from combustible materials.</li><li>• Once disposal campaigns are organised, tyres are buried within waste dumps in locations surveyed and documented to ensure stability and isolation.</li><li>• Tyres are positioned well above predicted final water levels and outside areas likely to interact with groundwater or surface water.</li></ul> <p>MM noted the company has explored recycling options extensively — contacting multiple recyclers nationally — but found it currently cost-prohibitive (approx. \$2,000 per tyre to transport to the only viable facility). She noted the EPA is continuing broader industry and manufacturer engagement to improve recyclability and circular-economy outcomes in future.</p> <p>In response to submissions about groundwater and surface water, MM confirmed:</p> <ul style="list-style-type: none"><li>• Water extraction to remain within existing licensed bore limits under approvals regulated by Water NSW and DCCEEW.</li><li>• No increase in approved extraction volumes; any future amendments would trigger reassessment.</li><li>• Pipeline and road-crossing designs to comply with relevant erosion and sediment-control guidelines (“Blue Book” standards).</li><li>• Final landform and in-pit emplacement design ensures tyres and materials are located above equilibrium groundwater levels and outside flood-affected zones.</li></ul> <p>Leon Mills (LM) asked about the depth and management of buried tyres, noting local</p>

## Whitehaven Vickery Extension Project Community

### Consultative Committee

farmers may ask whether similar burial is permitted on private land.

MM advised that tyres are placed under strict engineering and regulatory controls — surveyed and isolated within waste-dump cells, not on pit floors, and kept clear of groundwater and rejects. Burial locations are documented, and tyres are encased in clean inert material to prevent any leaching or movement. Heavy-equipment tyres are extremely dense and buried under rockfill, so buoyancy or “floating” issues do not occur.

In summary, the mine’s process is heavily regulated and not comparable to private on-farm disposal, which would not be permitted under council or EPA rules.

#### **Phil Wade provided an update on the Rail Spur**

Refer to presentation attached.

- Project Scope & Design
  - Rail spur length: 18.4 km, including 13.8 km single track and 4.6 km balloon loop.
  - Mining lease granted (Oct 2025) over the full rail spur alignment.
  - Infrastructure includes culverts, viaducts, and embankments.
  - Design assessed against the 1% Annual Exceedance Probability flood event, consistent with the *Upper Namoi Valley Flood Plan 2019*.
  - Full peer review undertaken by Department of Planning, Housing and Infrastructure (DPHI).
- Engineering & Crossings
  - Key crossings: Kamilaroi Highway, Namoi River, and Stratford Creek.
  - Design incorporates culvert transitions and viaduct structures at major crossings.
  - Inclusion of Rail Maintenance Access Road (RMAR) and main-line turnout.
- Flood Assessment & Approvals
  - Detailed design flood study approved July 2024 by the Planning Secretary.
  - Assessment met Conditions B48 and B49 of project approval:
    - Consistency with *Upper Namoi Valley Floodplain Management Plan 2019*.
    - Design to minimise flooding and scour impacts and elevate structures above the 1% AEP flood level west of the Namoi River.
  - Study completed in consultation with DCCEEW and Biodiversity Conservation Science (BCS) and peer-reviewed by DPHI.
  - Final design presentations delivered to Gunnedah and Narrabri Councils (Jan 2023).
- Regulatory & Consultation Process
  - Consultation with DCCEEW and BCS concluded.
  - Detailed design documents, including engineering drawings, are published on the Whitehaven Coal website.
- MOD1 Progress Update
  - State determination completed (7 August 2025).
  - Certain project components to undergo EPBC (Environment Protection and Biodiversity Conservation) assessment, specifically:
    - Blue Vale Road Diversion

**Whitehaven Vickery Extension Project Community**

**Consultative Committee**

	<ul style="list-style-type: none"><li>▪ Ovenden Pipeline</li><li>▪ Rocglen Pipeline</li><li>○ EPBC determination expected June 2026.</li></ul> <p><b>Next steps for “Big” Vickery</b> Phil Wade provided an update on what is generally known as “Big Vickery”– referring to the main site.</p> <p>Engineering is complete, and Whitehaven is looking at options to fund the project. In response to RR, Phil Wade confirmed that this funding is being sought through the board, however there is no sense on timing at this stage.</p>
<b>7</b>	<b>Any other business and next meeting</b>
	<p>The next meeting will be held <b>Thursday 29 Jan 2026 12-2pm Gunnedah Town Office and online via Zoom</b></p> <p><b>2026 Meetings:</b></p> <ul style="list-style-type: none"><li>• Thursday 29 January</li><li>• Thursday 30 April *Site Visit* - time and details will be provided in January</li><li>• Thursday 3 July</li><li>• Thursday 22 October</li></ul>

# Vickery Coal Mine Community Consultative Committee Meeting #24

Quarterly Environmental Monitoring Report  
July, 2025 – September, 2025

*Vickery Project*



This report has been prepared for the Community Consultative Committee (CCC) meeting to show environmental monitoring performance at Vickery Coal Mine (VCM) for the reporting period from July 2025 to September 2025.

## Noise Monitoring

Attended noise was conducted during this period.

Attended noise monitoring was conducted at “Lanreef” (N-AT2) and “Broadwater” (N-AT1) properties once a month during this reporting period. Noise criteria for the mine is 40dB(A) Leq (15 min) during day time and 35dB(A) Leq (15 min) during evening/night time and 52 LA<sub>max</sub> for instantaneous night readings. Please refer to EPL Monitoring locations map in Appendix B for the location of these monitoring points. Results below show that noise emissions from the mine did not exceed operational criteria at “Lanreef” or “Broadwater” monitoring locations during the monitoring period.

**Table 1 July 2025 Attended Noise Monitoring**

Table 4 VCM Operational Noise Monitoring Results Leq(15min) – 28 July 2025 (Day)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	4:57 pm	43	<20	45*	3.2 / 267	D	Birds (42), wind (32), <b>VCM (IA)</b>	No
N-AT2 / 8	3:19 pm	47	<20	45*	7.2 / 288	D	Traffic (47), birds (36), <b>VCM (IA)</b>	No
Table 5 VCM Operational Noise Monitoring Results Leq(15min) – 28 July 2025 (Evening)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	9:33 pm	42	<20	35	1.9 / 325	F	Birds (42), traffic (31), <b>VCM (IA)</b>	No
N-AT2 / 8	9:42 pm	35	<20	37	2.6 / 345	E	Traffic (35), <b>VCM (IA)</b>	No
Table 6 VCM Operational Noise Monitoring Results Leq(15min) – 28 July 2025 (Night)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:00 pm	43	<20	35	3.0 / 359	E	Birds (43), Traffic (29), <b>VCM (IA)</b>	No
N-AT2 / 8	10:01 pm	35	<20	37	3.0 / 359	E	Traffic (35), <b>VCM (IA)</b>	No
Table 7 VCM Operational Noise Monitoring Results LA <sub>max</sub> – 28 July 2025								
Location	Time	dB(A), LA <sub>max</sub>	VCM Contribution dB(A), LA <sub>max</sub>	Criterion dB(A), LA <sub>max</sub>	Wind speed (m/s),dir	Stability Class	LA <sub>max</sub> Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:00 pm	62	<20	52	3.0 / 359	E	Birds	No
N-AT2 / 8	10:01 pm	54	<20	52	3.0 / 359	E	Highway	No

Table 2 August 2025 Attended Noise Monitoring

Table 4 VCM Operational Noise Monitoring Results Leq(15min) – 13 August 2025 (Day)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	5:33 pm	48	<20	40	1.4 / 264	D	Birds (48), traffic (28), <b>VCM (IA)</b>	No
N-AT2 / 8	4:36 pm	51	<20	40	2.1 / 267	D	Traffic (51), frogs (34), <b>VCM (IA)</b>	No

Table 5 VCM Operational Noise Monitoring Results Leq(15min) – 13 August 2025 (Evening)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	8:40 pm	42	<20	35	0.6 / 189	F	Cattle (40), traffic (35), <b>VCM (IA)</b>	No
N-AT2 / 8	9:40 pm	39	<20	37	1.4 / 306	E	Traffic (39), <b>VCM (IA)</b>	No

Table 6 VCM Operational Noise Monitoring Results Leq(15min) – 13 August 2025 (Night)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:57 pm	37	<20	35	0.5 / 39	F	Birds (37), <b>VCM (24)</b>	No
N-AT2 / 8	10:02 pm	42	<20	37	0.8 / 304	F	Traffic (42), <b>VCM (IA)</b>	No

Table 7 VCM Operational Noise Monitoring Results LA <sub>max</sub> – 13 August 2025								
Location	Time	dB(A), LA <sub>max</sub>	VCM Contribution dB(A), LA <sub>max</sub>	Criterion dB(A), LA <sub>max</sub>	Wind speed (m/s),dir	Stability Class	LA <sub>max</sub> Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:57 pm	59	<30	52	0.5 / 39	F	Birds	No
N-AT2 / 8	10:02 pm	55	<20	52	0.8 / 304	F	Birds	No

Table 3 September 2025 Attended Noise Monitoring

Table 4 VCM Operational Noise Monitoring Results Leq(15min) – 16 September 2025 (Day)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	12:08 pm	48	<20	45*	5.5 / 322	D	Wind (48), <b>VCM (IA)</b>	No
N-AT2 / 8	11:16 am	45	<20	45*	5.5 / 344	D	Traffic (42), wind (42), <b>VCM (IA)</b>	No
Table 5 VCM Operational Noise Monitoring Results Leq(15min) – 16 September 2025 (Evening)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	8:44 pm	35	<20	40*	3.9 / 27	E	Wind (33), insects (30), <b>VCM (IA)</b>	No
N-AT2 / 8	9:43 pm	45	<20	42*	4.1 / 21	E	Frogs (44), traffic (35), <b>VCM (IA)</b>	No
Table 6 VCM Operational Noise Monitoring Results Leq(15min) - 16 September 2025 (Night)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:58 pm	46	<20	35	2.9 / 18	E	Frogs (46), Traffic (32), <b>VCM (IA)</b>	No
N-AT2 / 8	10:01 pm	42	<20	42*	4.2./21	E	Frogs (41), traffic (33), <b>VCM (IA)</b>	No
Table 7 VCM Operational Noise Monitoring Results LA <sub>max</sub> – 16 September 2025								
Location	Time	dB(A), LA <sub>max</sub>	VCM Contribution dB(A), LA <sub>max</sub>	Criterion dB(A), LA <sub>max</sub>	Wind speed (m/s),dir	Stability Class	LA <sub>max</sub> Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:58 pm	49	<20	52	2.9 / 18	E	Frogs	No
N-AT2 / 8	10:01 pm	53	<20	52	4.2./21	E	Birds	No

The real time noise monitor located on the “Long Way Round” property remains a management tool, so the noise criteria are not applicable at that site. Levels of noise recorded at that location are managed according to the noise management plan and trigger action response plan.

An additional real time noise monitor has been installed closer to the mine site, at Broadwater property.

# Blast Monitoring

## Blasting Results

There has been 13 Blasts at VCM from 1<sup>st</sup> July to 30<sup>th</sup> September 2025.

The highest recorded overpressure for the reporting period was 110.7dBL recorded at B-01 monitor on the 29/08/2025.

The highest recorded ground vibration for the reporting period was 5.64mm/s recorded at B-02 monitor on the 11/09/2025.

VCM overpressure and ground vibration for the quarter was compliant and did not exceed the blasting criteria declared in the project approval and Blast Management Plan (BMP). Please refer to EPL Monitoring locations map in Appendix B for the location of these monitoring points.

**Table 4 Max Peak Overpressure and Ground Pressure for the Quarter**

Monitor Location	Date	Max. Peak Overpressure (dB)	Criterion (dB)	Date	Max. Peak Ground Pressure (mm/s)	Criterion (mm/s)
<b>B-01</b>	29/08/2025	110.7	<b>133</b>	29/08/2025	2.0	<b>10</b>
<b>B-02</b>	14/08/2025	109.9	<b>N/A</b>	11/09/2025	5.64	<b>80</b>
<b>B-03</b>	08/08/2025	109.9	<b>120</b>	11/09/2025	0.81	<b>10</b>

# Air Quality Monitoring

## Dust Deposition Results

Standard Australia AS/NZS 3580.10.1:2016, "Methods for sampling and analysis of ambient air – Determination of particulate matter – Deposited matter – Gravimetric Method," classifies deposited dust as insoluble solids. Therefore, VCM tests air quality monthly at mine-owned sites for indicative purposes, to infer compliance, against the limit of 4 g/m<sup>2</sup>/month.

Table 5 shows deposited dust gauge results over 12 months. All dust monitors that are located on project related or WHC owned land; as such compliance criteria (4g/m<sup>2</sup>/month) do not apply. While deposited dust trends remain steady during the reporting period (refer graph in *Appendix A*), some monitors are displaying non-mine related particulate matter deposition more regularly than others. Non-mine related particulate matter could be attributed to organic matter (such as leaves, mice, frogs, insects or bird faeces that fall in to the bottles), or they may be in farming locations, so during some months dust levels may be higher due to harvesting. Please refer to Dust Deposition Gauges Monitoring locations map in Appendix B for the location of these monitoring points.

**Table 5 Deposited Gauge Results [g/m<sup>2</sup>/month]**

Month	D1	D2	D12	D13B	DG1	DG2	V1	V2	V3	V4	V5
Oct-24	0.4	0.1	0.2	1	0.7	0.4	0.4	0.6	0.5	1.8	0.5
Nov-24	1.3	0.7	0.9	1	1.6	2.1	0.7	0.2	3.9	1.1	1.3
Dec-24	0.4	0.8	1.8	2	2.5	0.5	2.2	0.7	8.7	1.3	4.0
Jan-25	0.3	2.2	0.8	2.2	1.8	0.9	1.4	0.9	5	1	5
Feb-25	1.2	1.8	1.9	2.0	1.5	1.7	2.1	1.6	1.4	2.3	2.7
Mar-25	0.2	0.1	0.1	0.3	0.2	0.2	0.1	0.1	0.1	3	2.3
Apr-25	0.4	1.3	1.2	4.3	0.3	0.7	0.5	0.3	1.3	0.6	1.2
May-25	0.6	2.2	2.1	1.2	4.2	0.8	1.3	0.5	1.9	1.1	1.6
Jun-25	0.6	3.8	1.3	1.4	3.0	1.5	0.4	0.6	1.1	0.6	2.3
Jul-25	0.6	0.5	0.9	2.5	1.1	1.7	0.8	0.5	1.3	0.6	1.2
Aug-25	0.4	0.7	0.8	2.2	2.4	0.8	0.7	0.5	3.2	0.6	0.9
Sep-25	0.1	0.5	2.7	3.7	2.3	1.2	0.9	0.5	0.3	1.2	2.2
<b>Average</b>	0.5	1.2	1.2	2.0	1.8	1.0	1.0	0.6	2.4	1.3	2.1

### Real-time Air Monitoring (PM<sub>2.5</sub> and PM<sub>10</sub>)

Two real-time air quality monitoring units are located on private property adjacent to the Vickery Coal Mine. PM1 is located at Lanreef and PM2 at Mirrabinda to the south and south-west of the operations. These are used as both a compliance and an operational management tool. Dust levels nearing or reaching the nominated criteria will trigger actions onsite to assess the source of dust and modify operations if it is determined to be related to Vickery operations. Additional air quality monitoring units are located at Wil-gai and Roseberry and these are used for additional information and operational management in accordance with the Vickery Air Quality Management Plan. These units are also associated with other regional operations at Tarrawonga and Rocglen. Please refer to Air Quality Monitoring locations map in Appendix B for the location of these monitoring points.



Figure 1: TEOM installed at Lanreef

## Water Monitoring

### Groundwater

Routine groundwater monitoring has been conducted 6 monthly since 2021 and quarterly since 2023. In October 2023, Hydra-sleeve monitoring was introduced to Vickery's groundwater bores. Appendix C contains the Hydrographs for Vickery's GW bores. Monitoring indicates stable GW levels. Water quality data in a few bores is showing a departure from the interim trigger levels. This will assist to inform the development of the final trigger levels for GW monitoring as described in the Water MP. As mining below the water table has only just begun to occur any triggers of the interim TARP are due to the background levels naturally being different to the generic triggers sourced from external benchmarks. Please refer to Groundwater Monitoring locations map in Appendix B for the location of these monitoring points.

### Surface Water

Water storage onsite is expected to be sufficient for at least 12 months. VCM has not undertaken any discharges during the period. Please refer to EPL Monitoring locations map in Appendix B for the location of these monitoring points.

**Table 6 Surface Water Results for July, August and September**

<b>July</b>	<b>Namoi DS 1</b>	<b>Namoi DS 2</b>	<b>Namoi DS 3</b>	<b>Namoi US</b>
pH	8.31	8.38	8.53	8.49
Electrical Conductivity (µS/cm)	538	533	541	531
TSS	24	25	36	30
Oil & Grease (mg/L)	<5	6	<5	<5
<b>August</b>	<b>Namoi DS 1</b>	<b>Namoi DS 2</b>	<b>Namoi DS 3</b>	<b>Namoi US</b>
pH	8.38	8.31	7.79	8.02
Electrical Conductivity (µS/cm)	366	348	355	355
TSS	66	74	66	82
Oil & Grease (mg/L)	<5	<5	<5	<5
<b>September</b>	<b>Namoi DS 1</b>	<b>Namoi DS 2</b>	<b>Namoi DS 3</b>	<b>Namoi US</b>
pH	8.37	8.36	8.35	8.36
Electrical Conductivity (µS/cm)	440	435	443	428
TSS	21	17	31	20
Oil & Grease (mg/L)	<5	<5	<5	<5

<b>September</b>	<b>MWD2</b>
pH	8.62
Electrical Conductivity (µS/cm)	2260
TSS	<5
Oil & Grease (mg/L)	<5

VCM has recorded **530.4mm** of rain for 2025 at our MET 2 weather station.

**Table 7 Annual Rainfall**

	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Total</b>
Monthly Rain (mm)	18.8	22	217.6	44.6	60.2	15.4	43.6	82.6	25.6				530.4
Cumulative (mm)	18.8	40.8	258.4	303	363.2	378.6	422.2	504.8	530.4				

## Clearing

Clearing is currently ongoing at Vickery, approximately 620ha have been cleared since Vickery began in 2023. Topsoil and Subsoil is being stored separately in designated stockpiles areas. The stockpiles will be ripped and seeded to maintain viability for rehabilitation.



Figure 2: Image of recent clearing and soil stockpiles

## Complaints

Three Complaints were received during the reporting period:

1. 08/08/2025 - Anonymous complainant South West of VCM voiced concern about a blast fired in unfavourable conditions. Matter closed with DPHI.
2. 08/08/2025 - Anonymous complainant South West of VCM voiced concern about a blast that shook their house and was fired in overcast conditions. Environmental Superintendent provided blast details to DPHI and followed up via email.
3. 11/08/2025 - Anonymous complainant South West of VCM voiced concern about a blast fired on 8th August. Environmental Superintendent responded to EPA via email.

## Approvals

The last Environmental Protection Licence (EPL) Variation was received on the 2<sup>nd</sup> September 2025.

This variation is in response to MOD 1 of SSD-7480. The key variations to the EPL were:

- Gravel extraction
- Waste tyre disposal
- Road Haulage times
- Waste tyre storage

The project approval for Vickery (SSD-7480) was modified in August 2025. The key variations in MOD 1 were:

- Gravel extraction
- Waste tyre disposal
- Road Haulage times
- Biodiversity Offset requirements

The project approval for Vickery (SSD-7480) was modified in October 2025. The key variations in MOD 2 were:

- Increased road coal haulage volumes for a temporary period to utilise capacity at CHPP.

## Environmental Management Plans

### Approvals

All the currently approved Management Plans are available on the WHC website.

The revised Blast Management plan has been approved by DPHI in September 2025.

The Air Quality and Greenhouse Gas Management Plan has been approved by DPHI on the 21<sup>st</sup> July 2025.

Biodiversity Management Plan has been submitted to DPHI for review and will be finalised following approval.

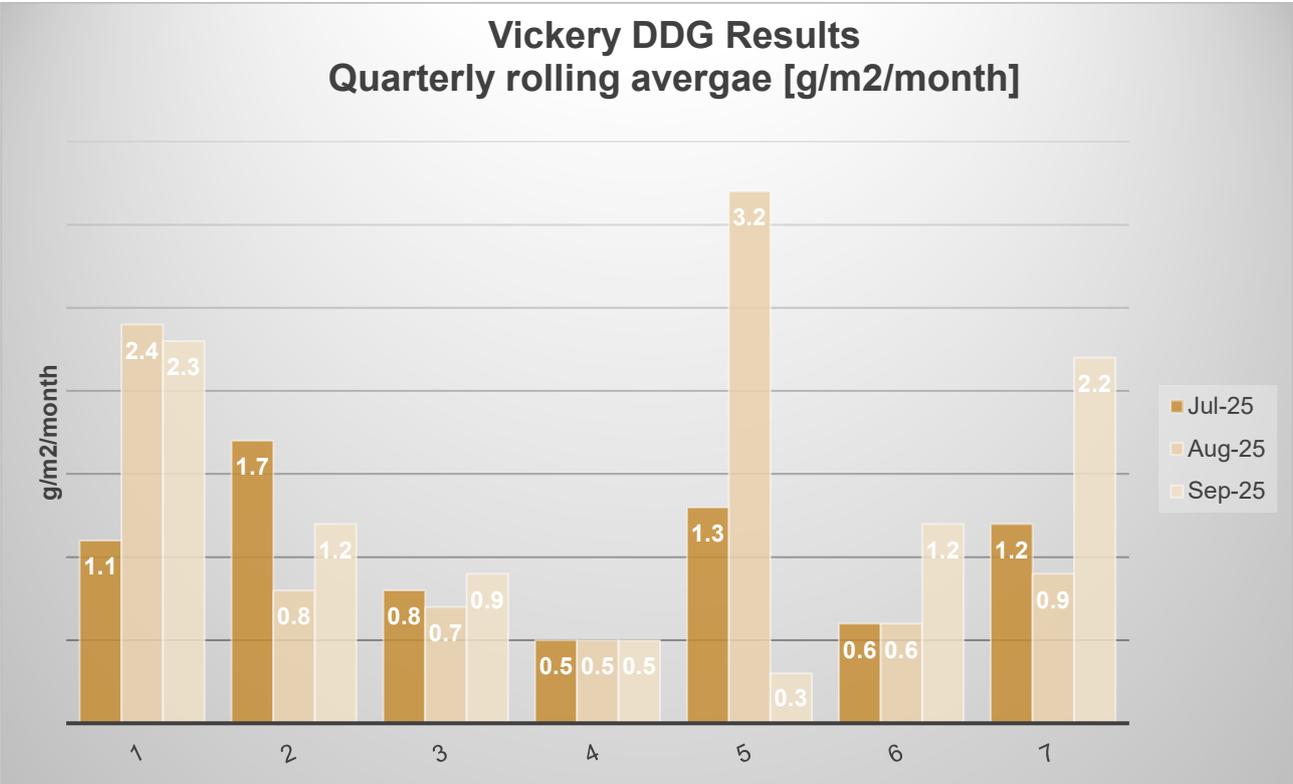
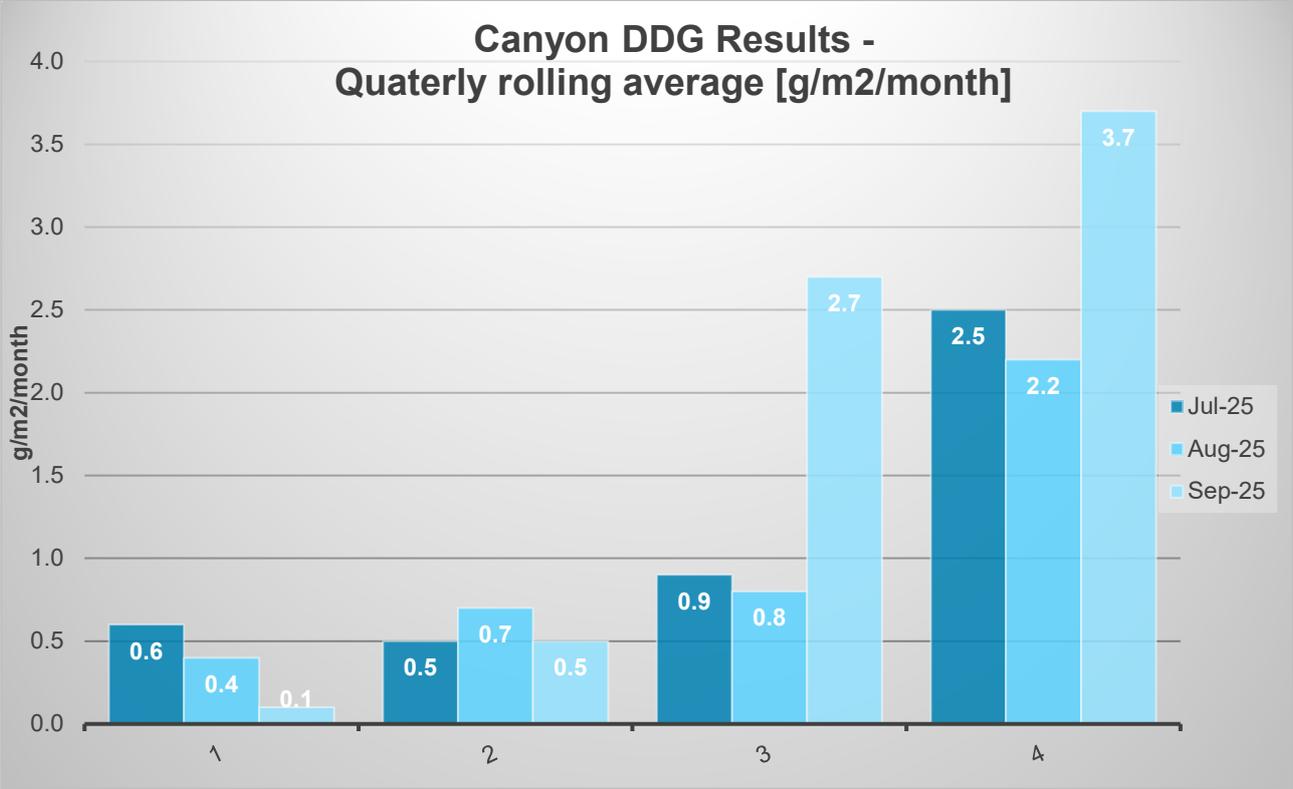
The Waste MP has been revised to include tyre disposal as approved in MOD1 and submitted to DPHI for review.

The Aboriginal Cultural Heritage, Water and Traffic Management Plans will be reviewed and submitted before the next CCC.

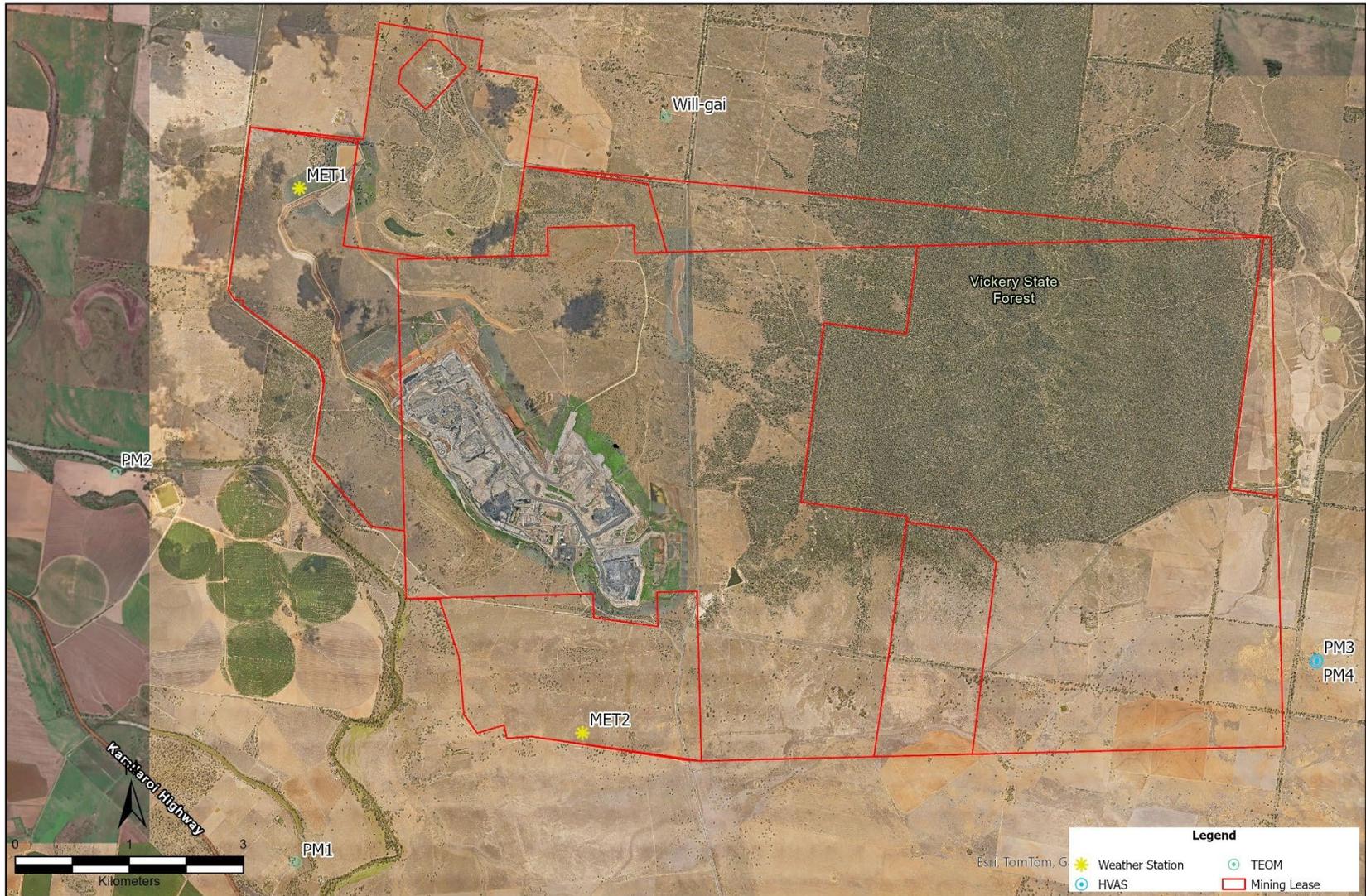
MOD1 was submitted in August 2024 and was approved on the 7<sup>th</sup> August 2025. As described in April 2024 at the CCC meeting this Modification includes:

- An option to amend the Blue Vale Road realignment to a lesser impact;
- to allow the export of gravel from the VEP in line with existing approvals at Tarrawonga and the original Vickery Coal Project (SSD-5000);
- Construction and use of water pipelines from additional existing groundwater bores and to the Rocglen Coal Mine;
- Potential relinquishment of the secondary infrastructure area;
- A temporary access road and additional soil stockpile area;
- Temporary concrete batching plant;
- Disposal of waste heavy vehicle tyres;
- Reduction to the open cut extent and improved waste rock emplacement and landform design;
- Extended ROM coal road haulage hours to align with the Tarrawonga Modification 10; and
- Schedule of Lands update.

# Appendix A

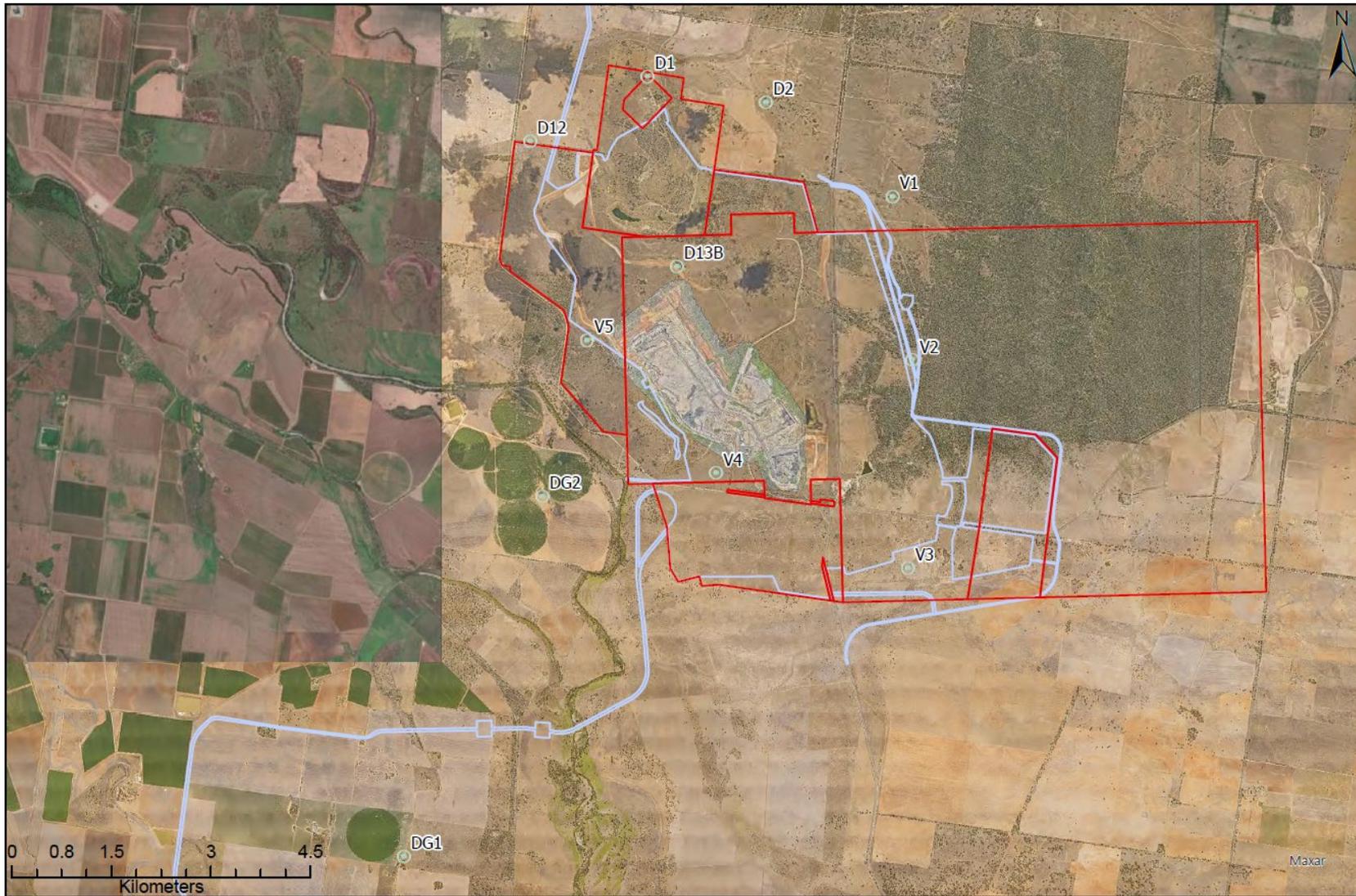


# Appendix B



**Vickery Coal Mine  
Air Quality Monitoring Locations**

Date: Oct 2024	Scale: 1:51,000
MGA Zone 56	Author: A. Quiroz



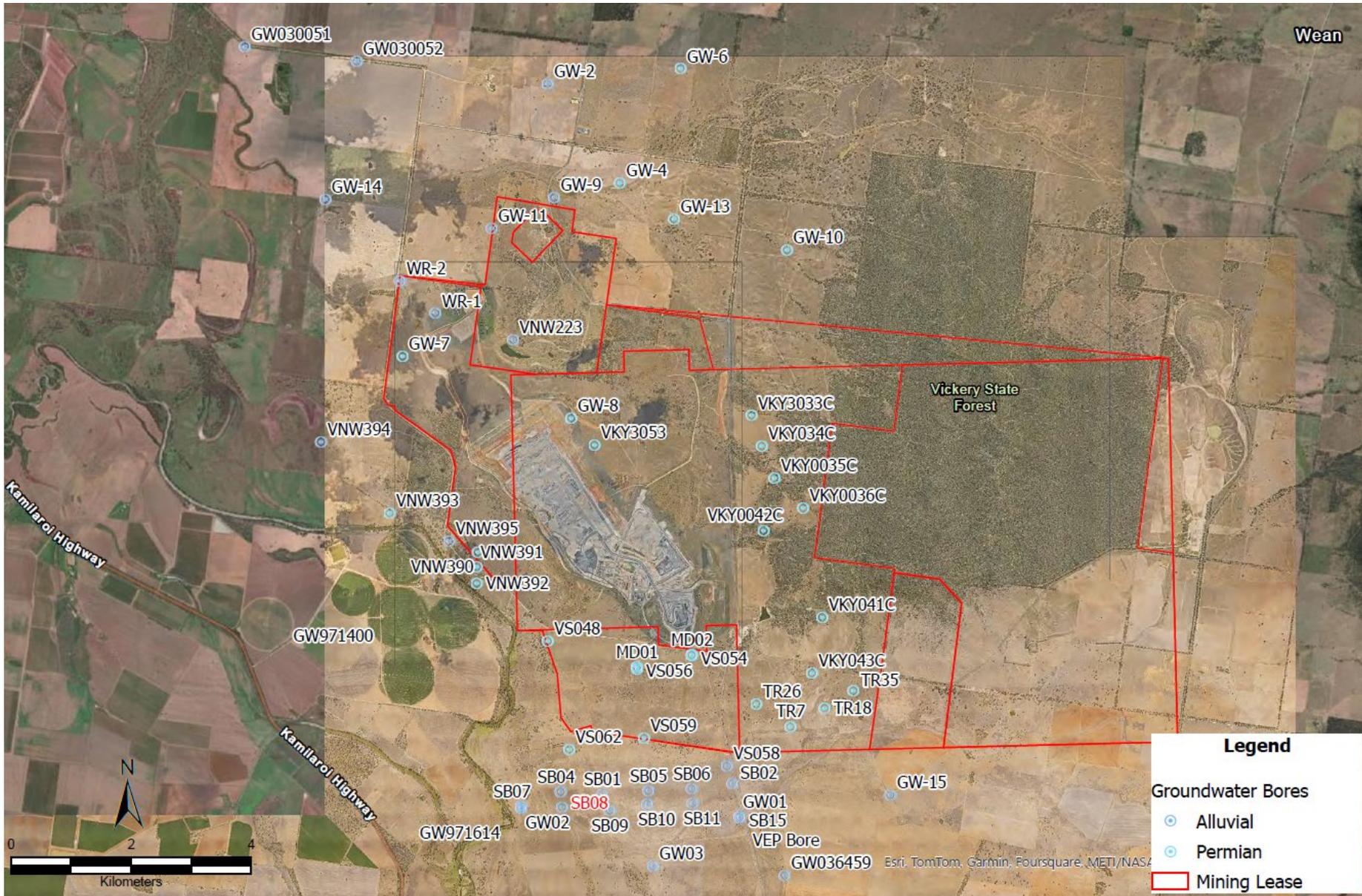
### Dust Deposition Gauges Monitoring Locations

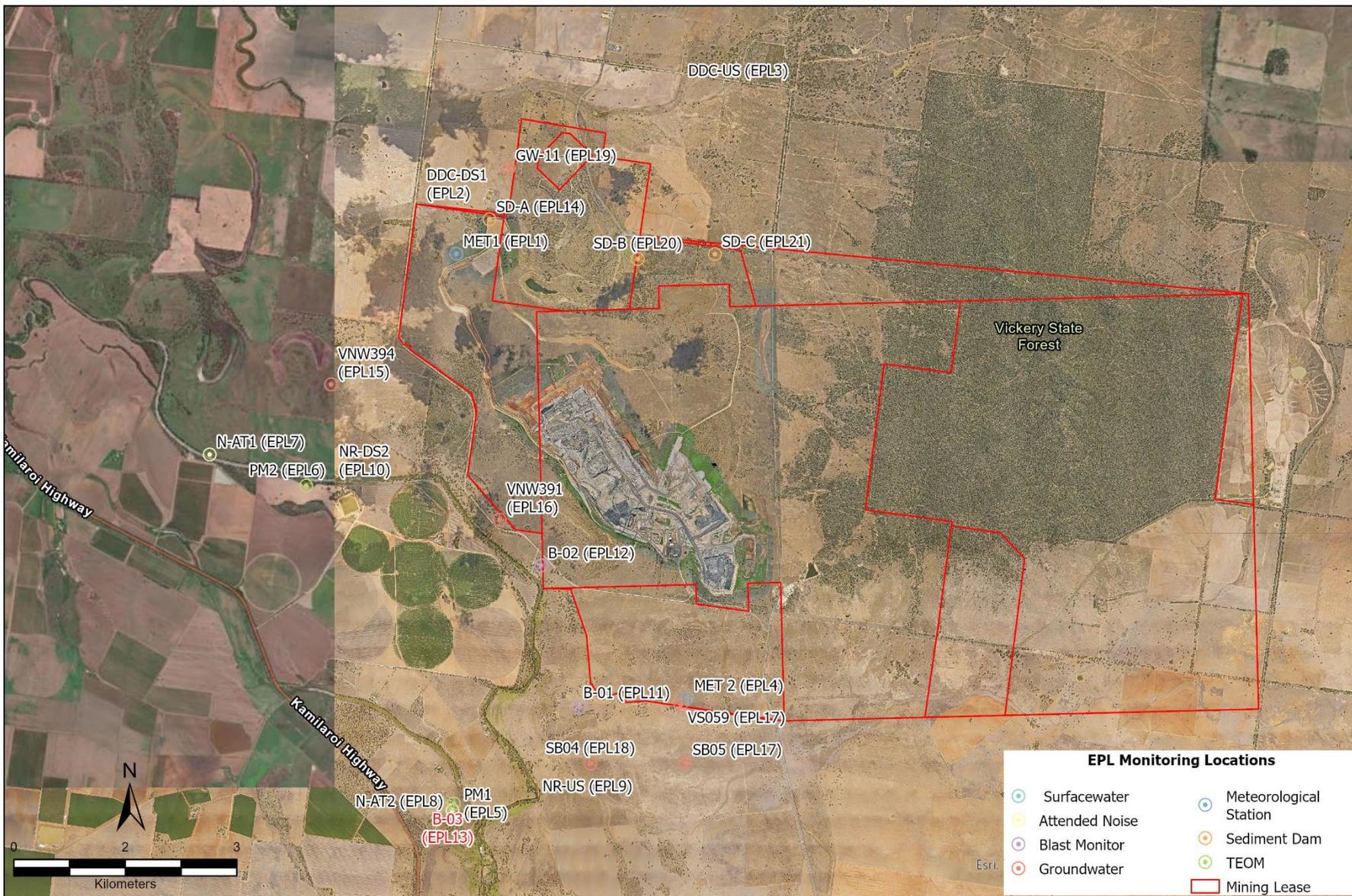
Date: Jun 2024  
MGA Zone 56

Scale: 1:70,000  
Author: A. Quiroz

**Legend**

- DDGs
- Mining Lease
- Approved Disturbance Area



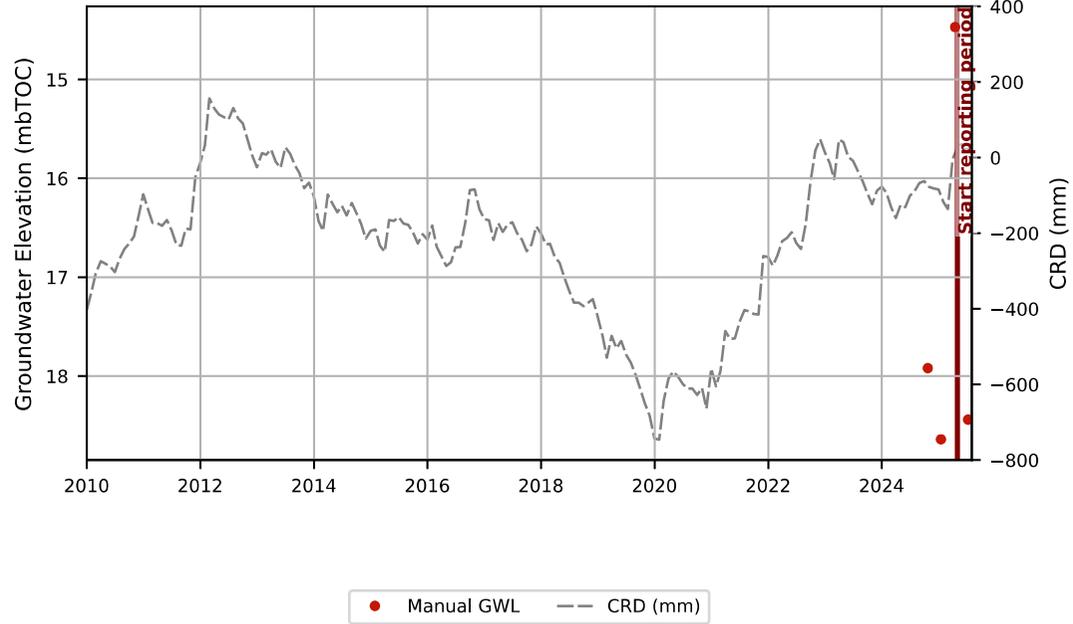


**Vickery Coal Mine  
EPL Monitoring Locations**

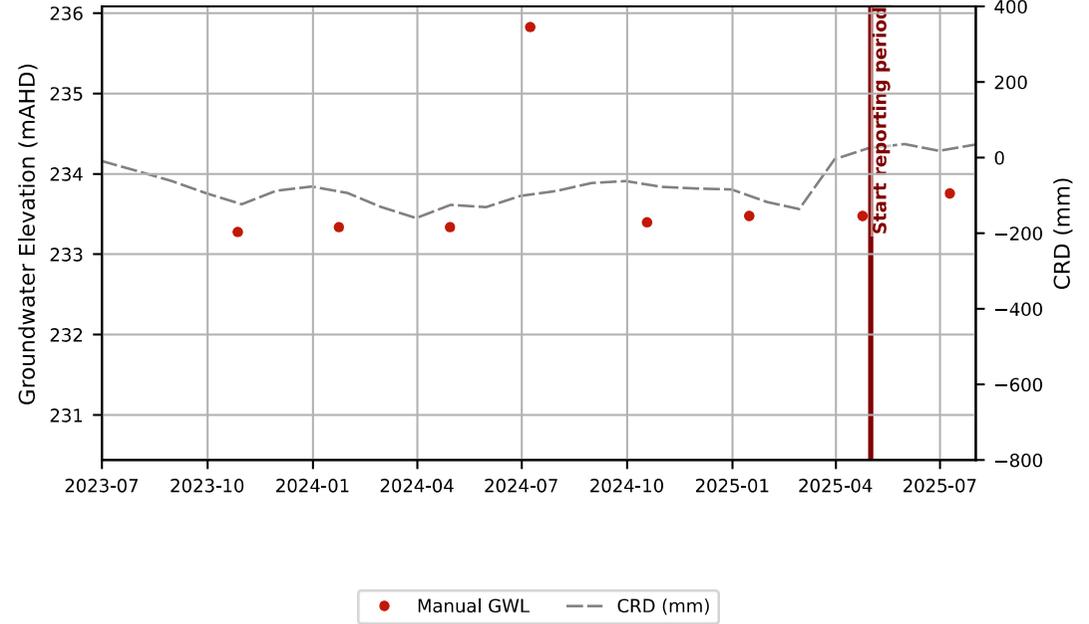
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MGA Zone 56      Author: A. Quiroz

# Appendix C

Hydrograph - GW-10



Hydrograph - GW-11



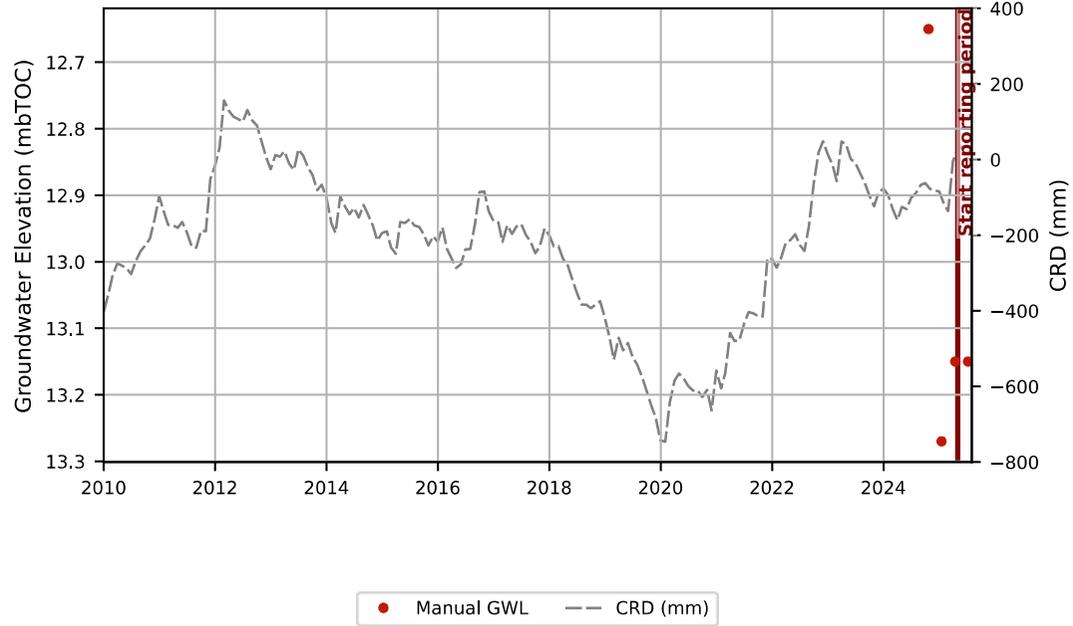
Hydrograph - GW-13



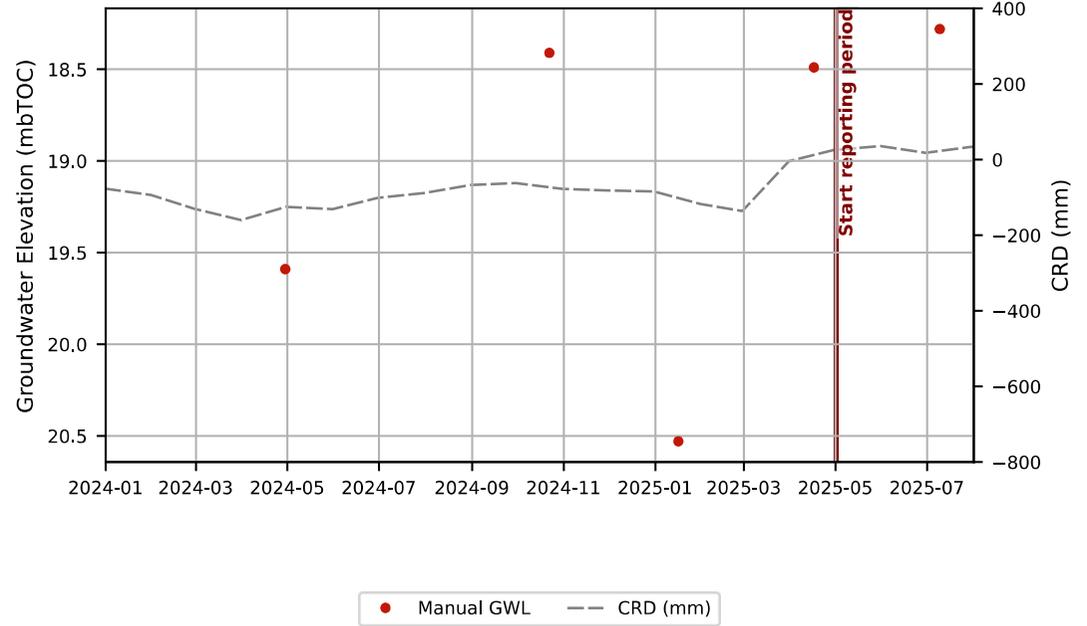
Hydrograph - GW-14



Hydrograph - GW-15



Hydrograph - GW-2



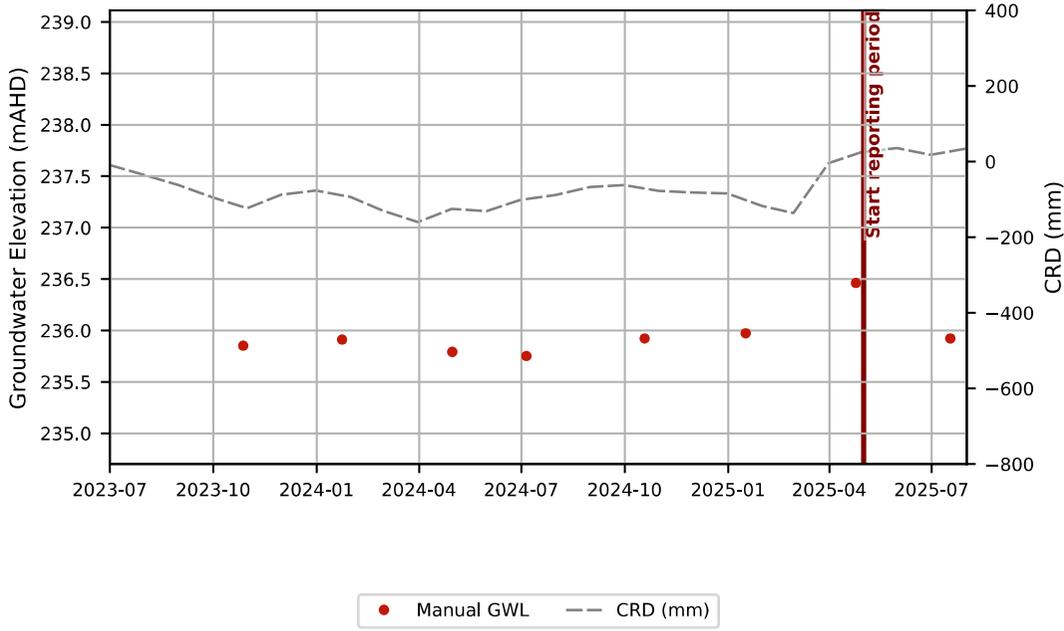
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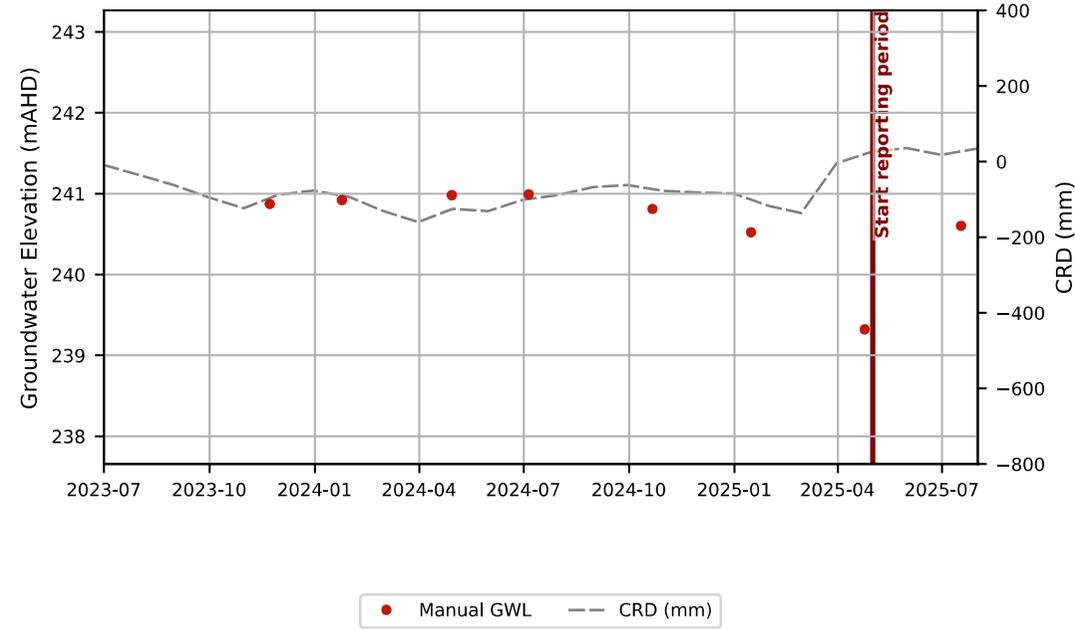
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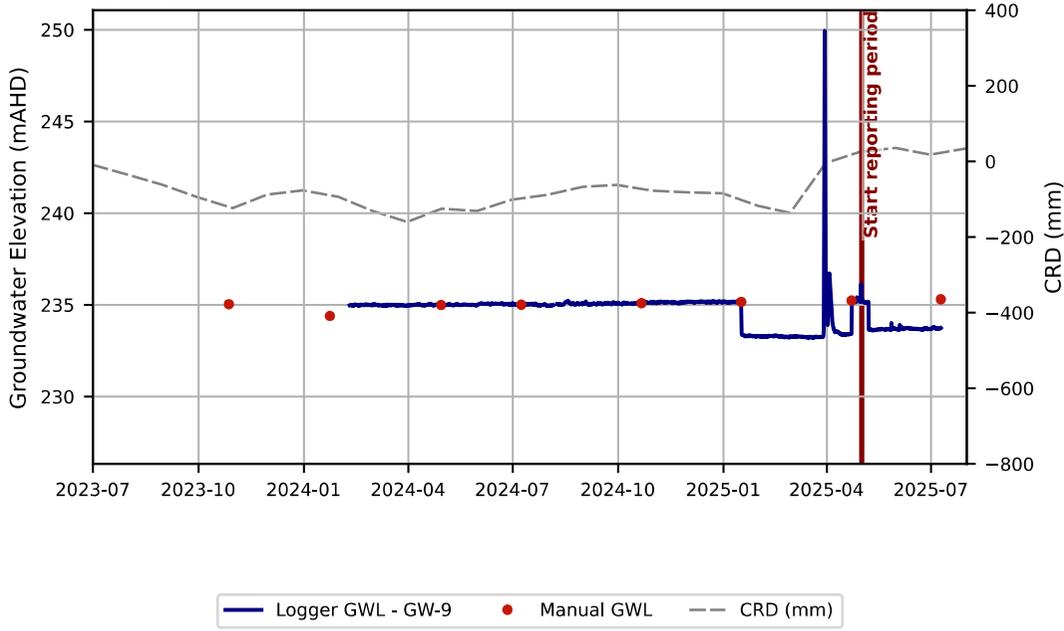
Hydrograph - GW-7



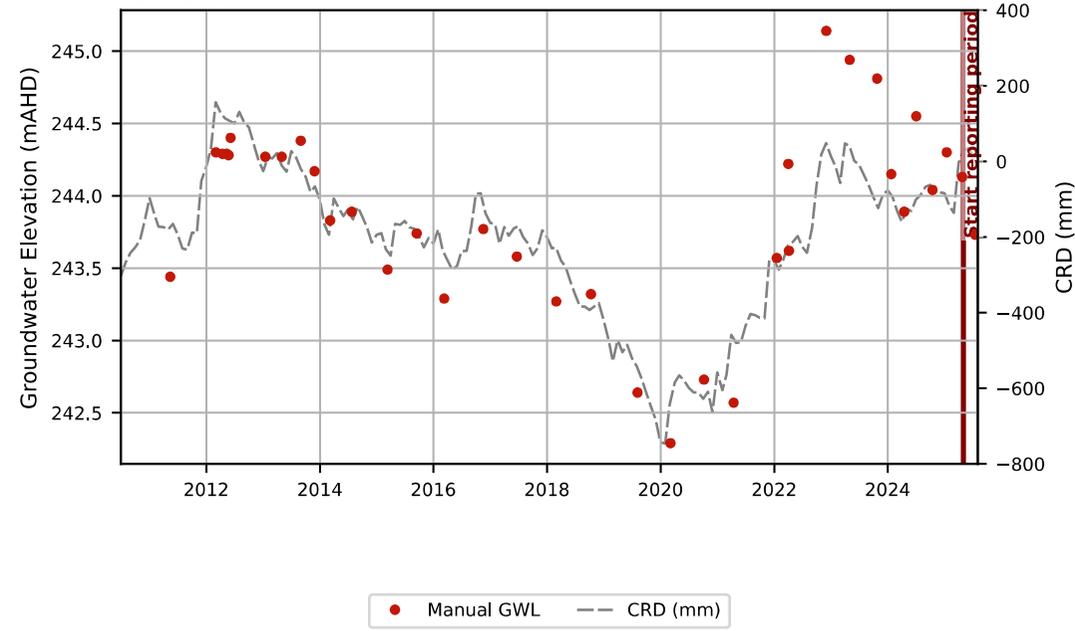
Hydrograph - GW-8



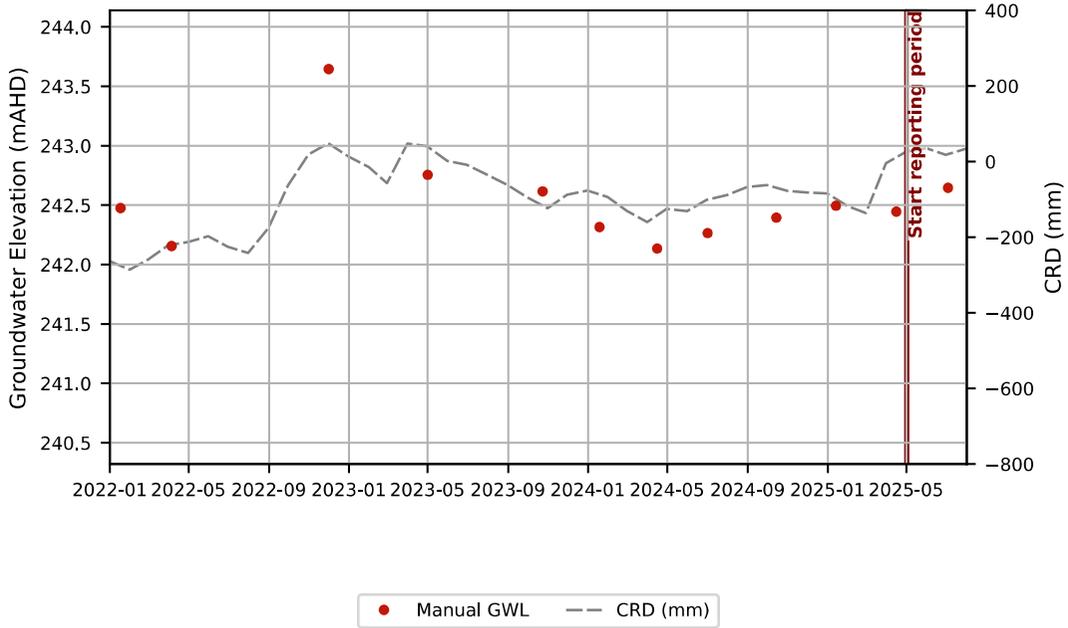
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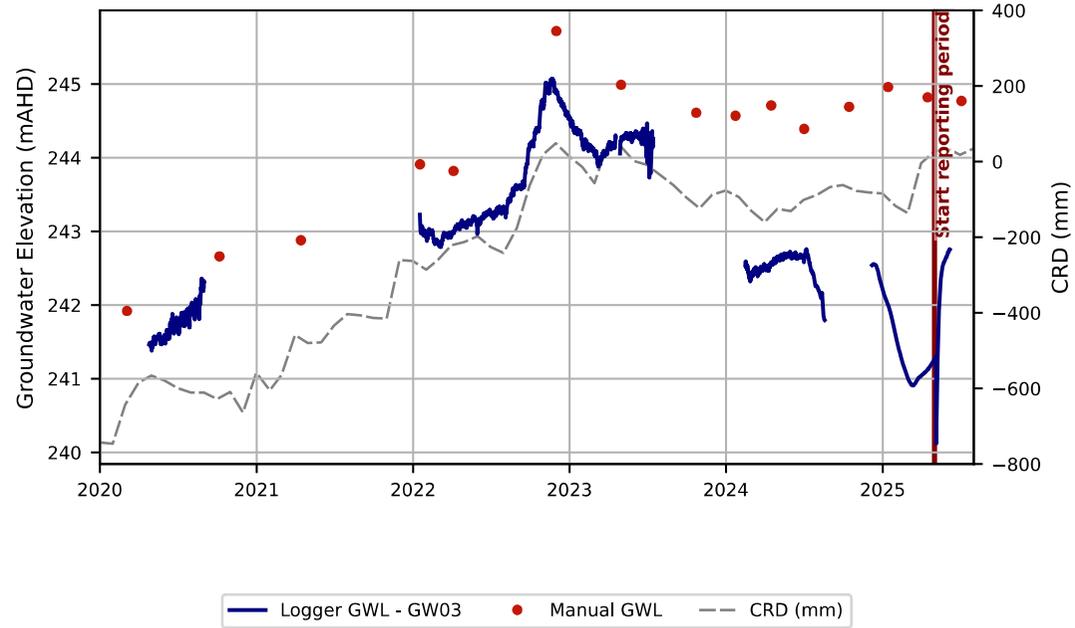
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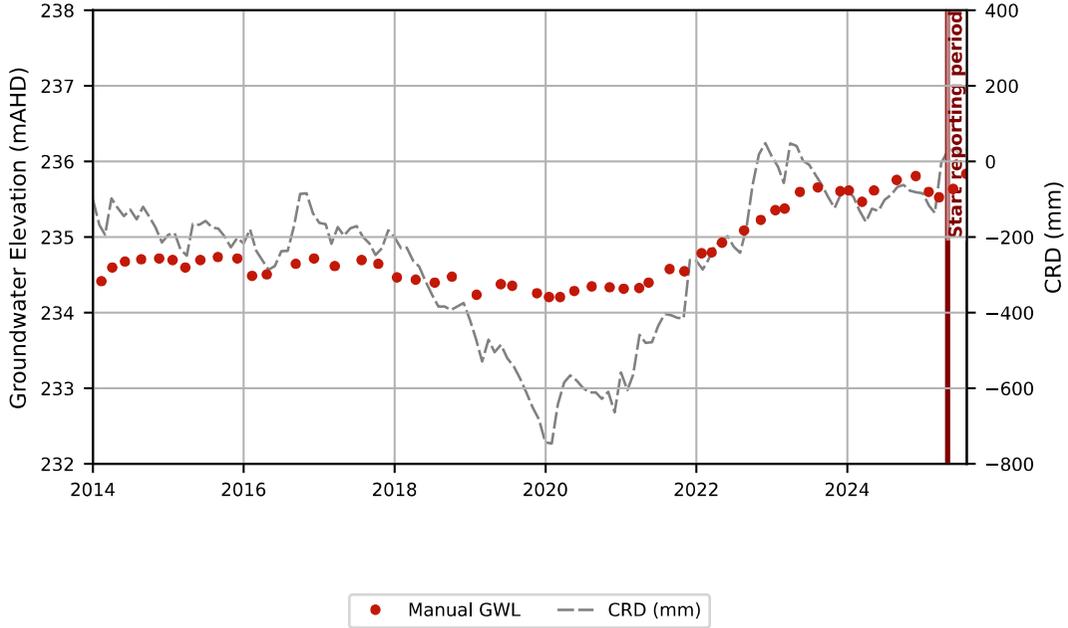
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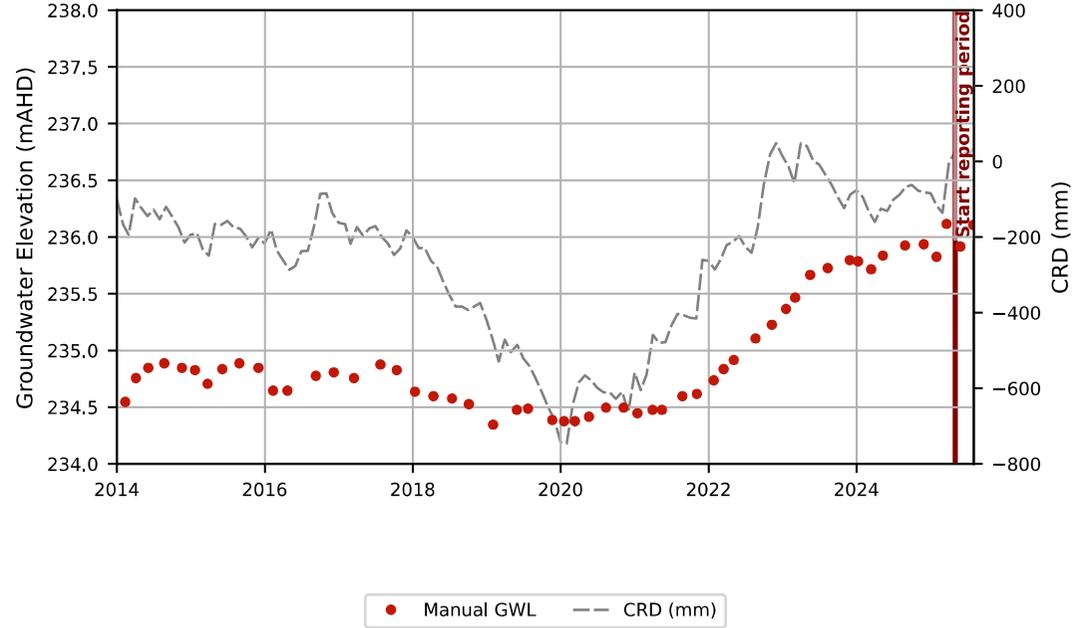
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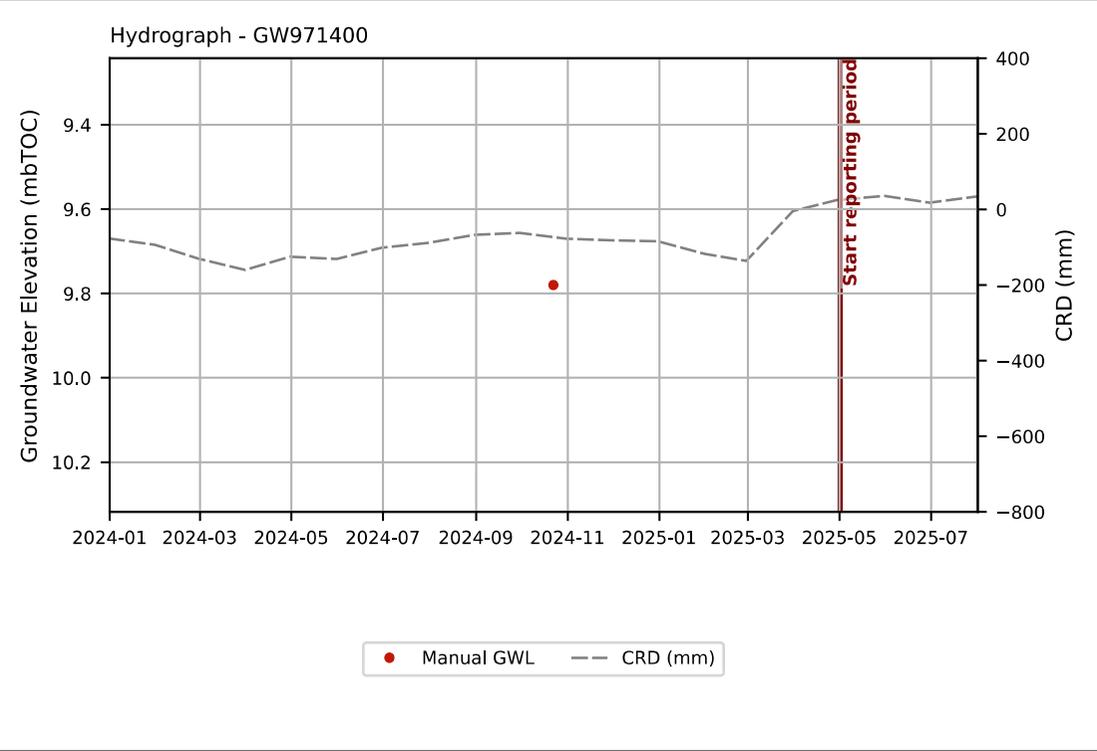
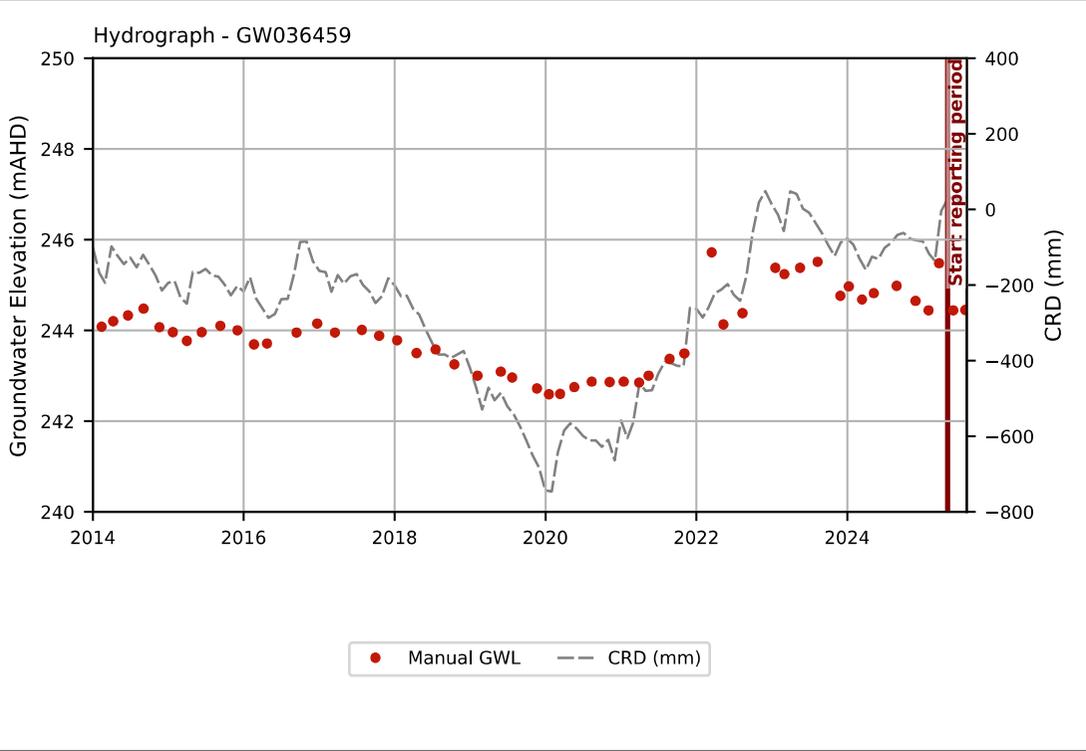
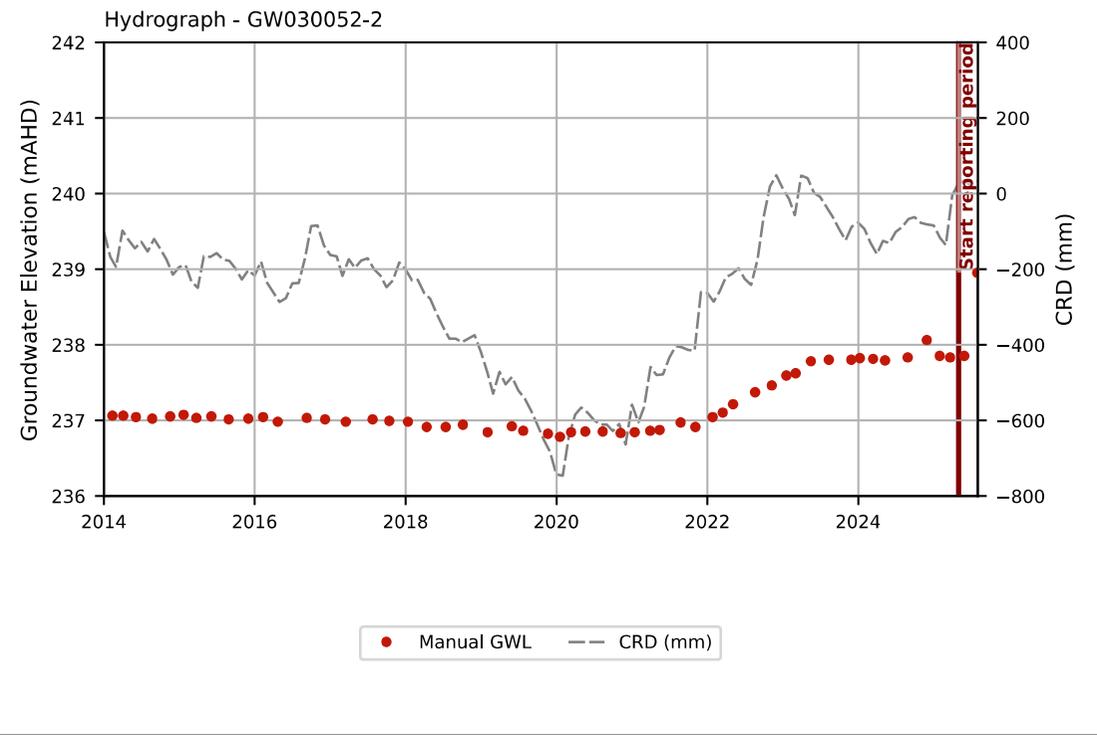
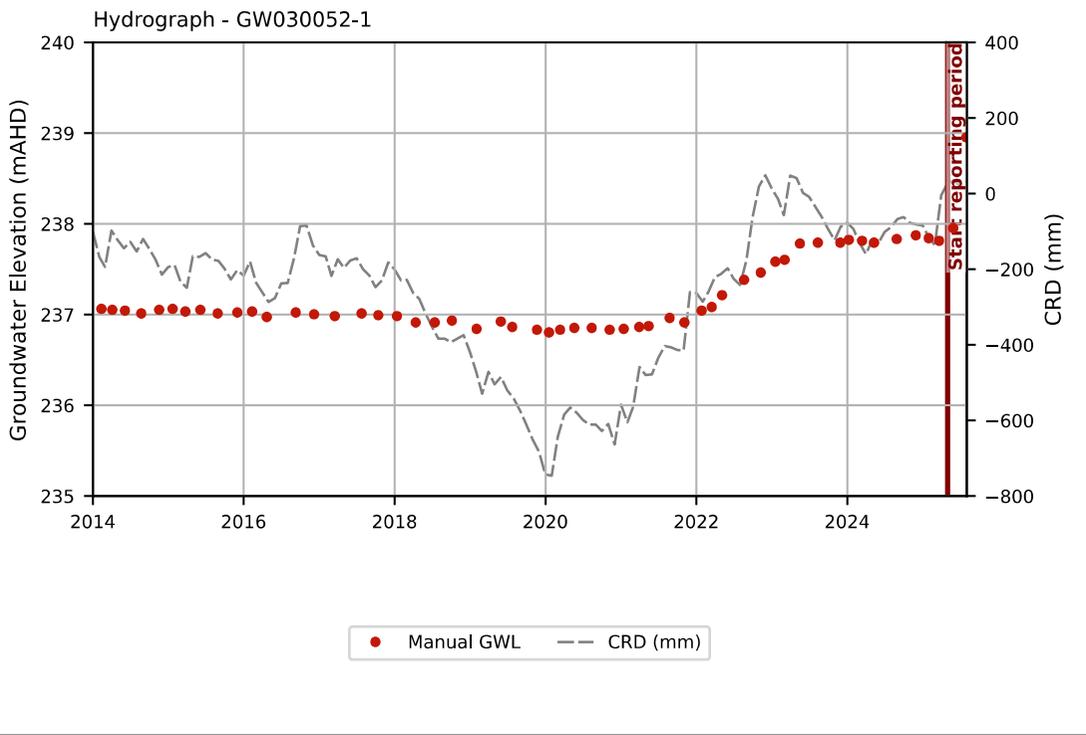


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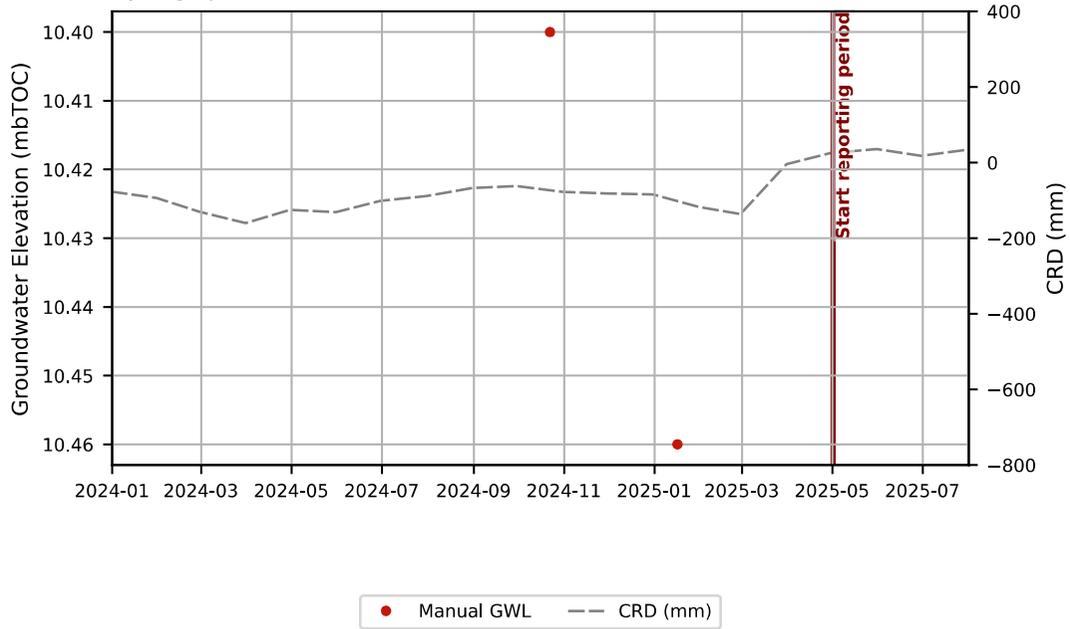


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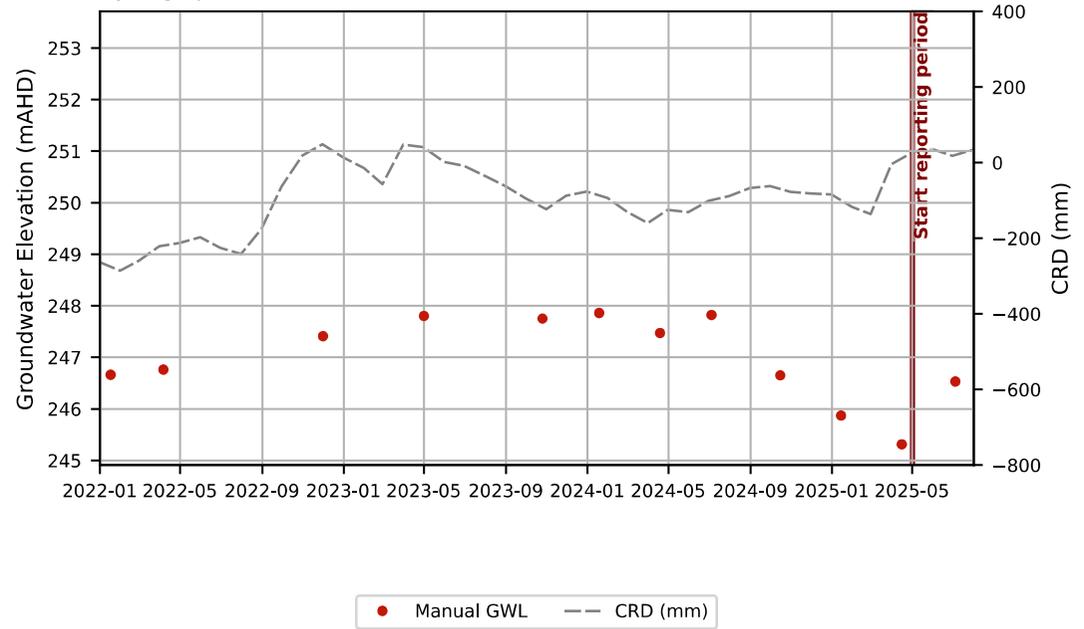




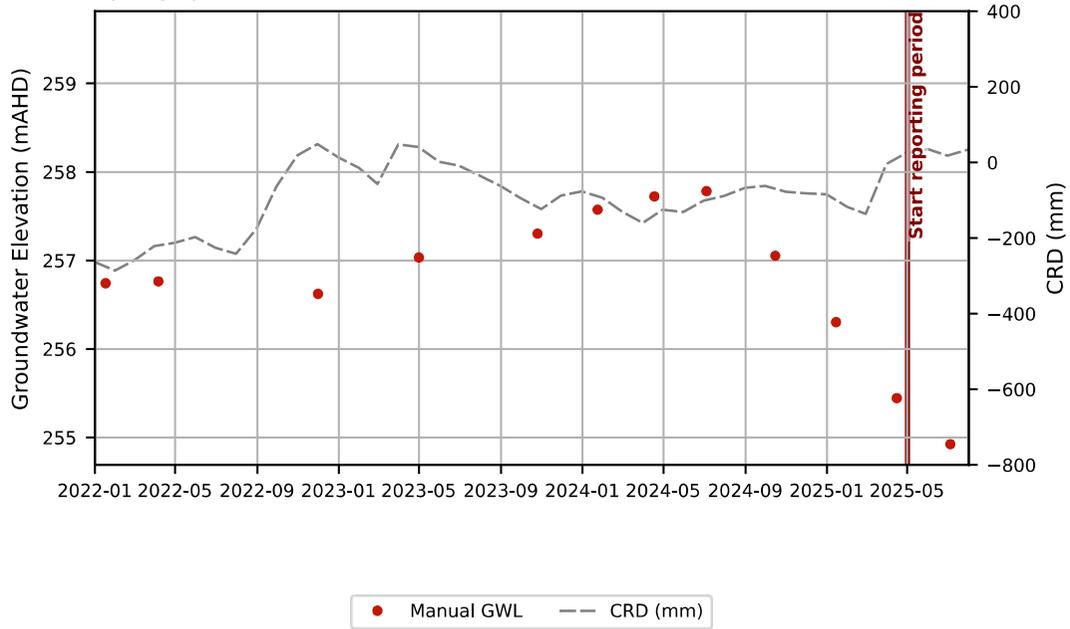
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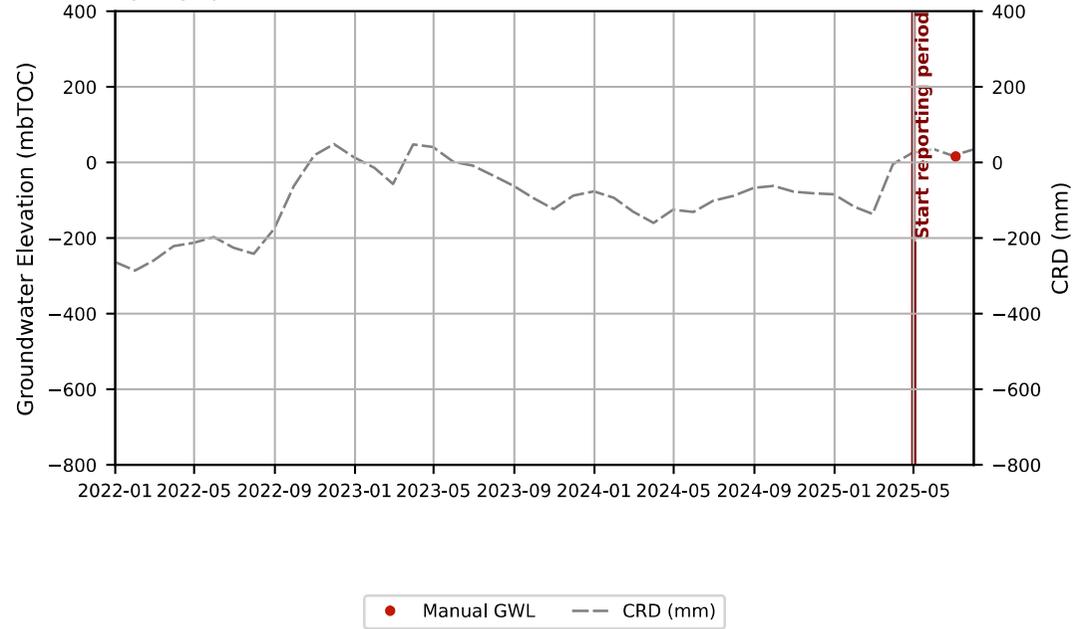
Hydrograph - MD01



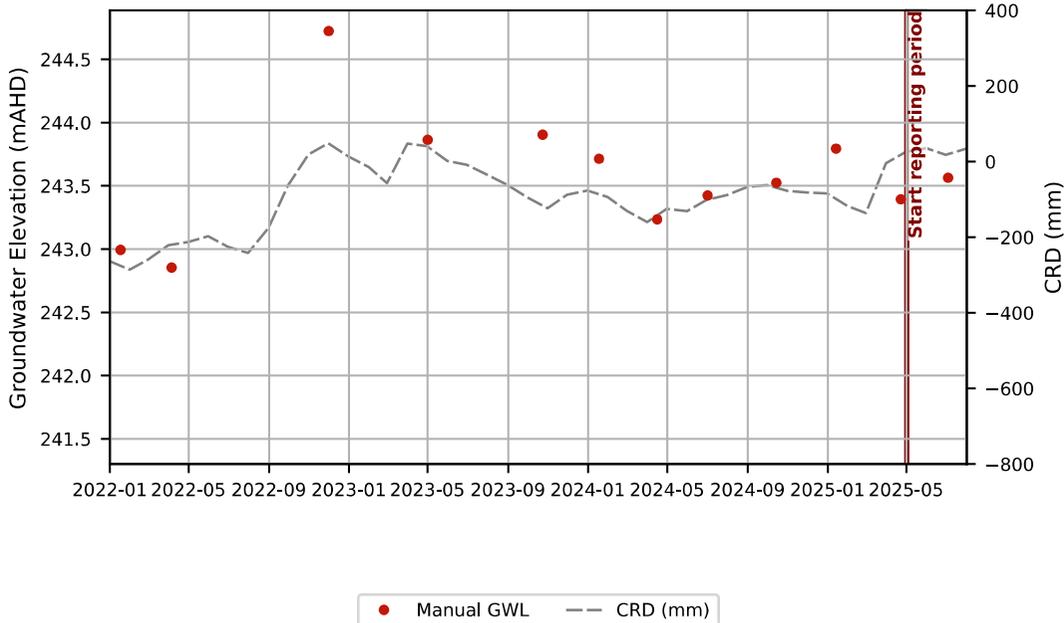
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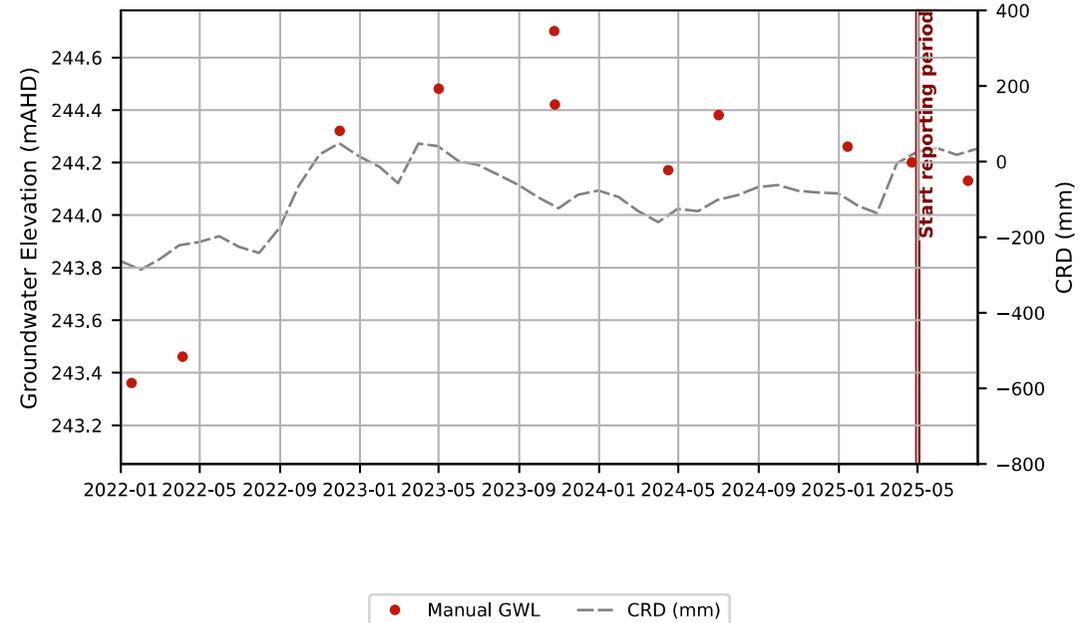
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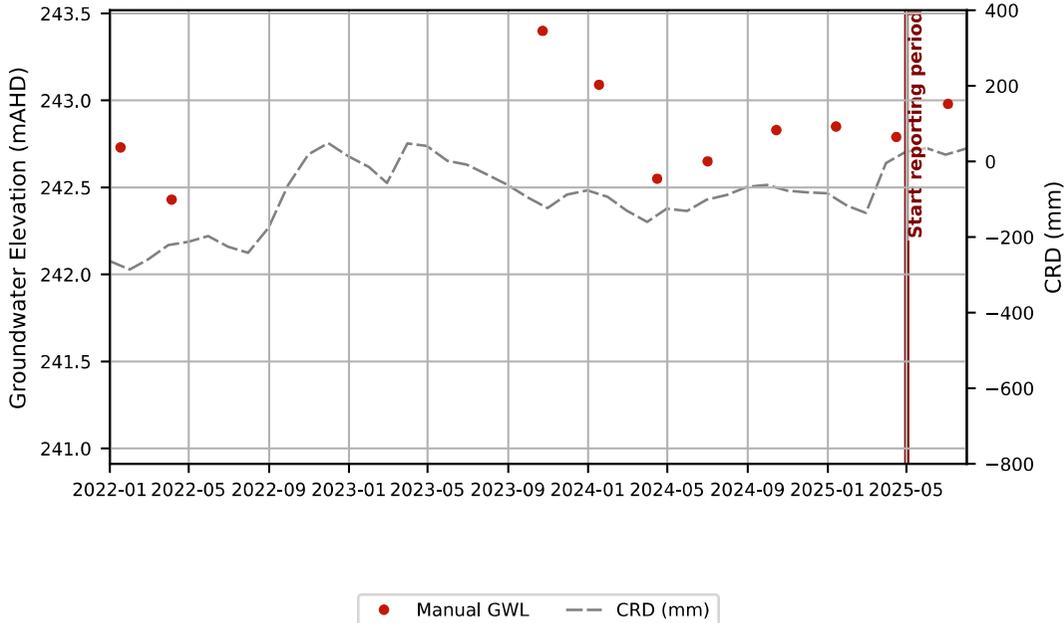
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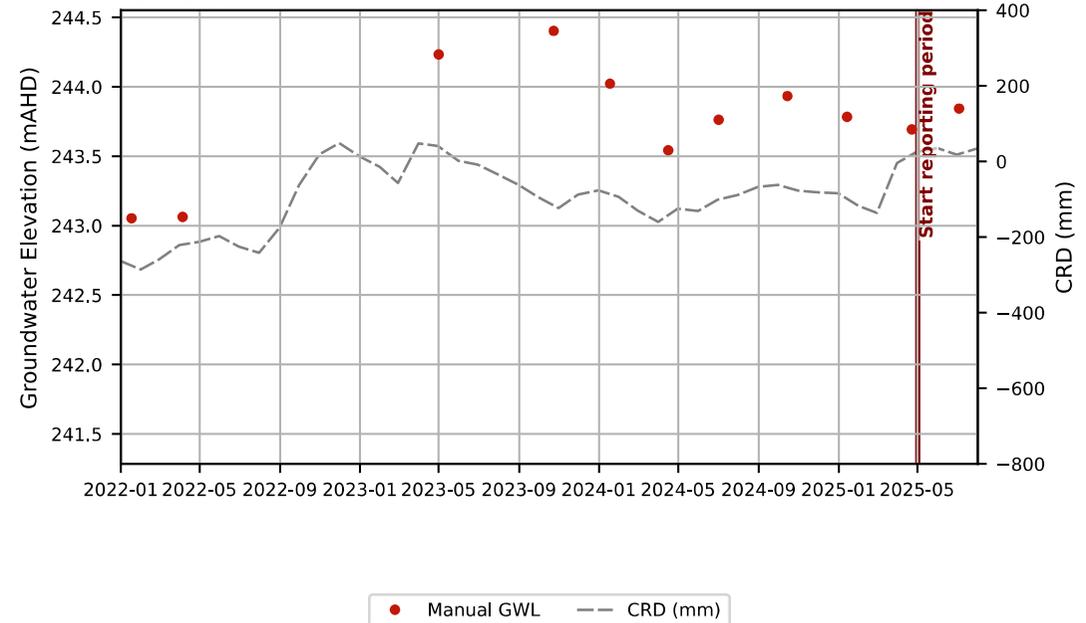
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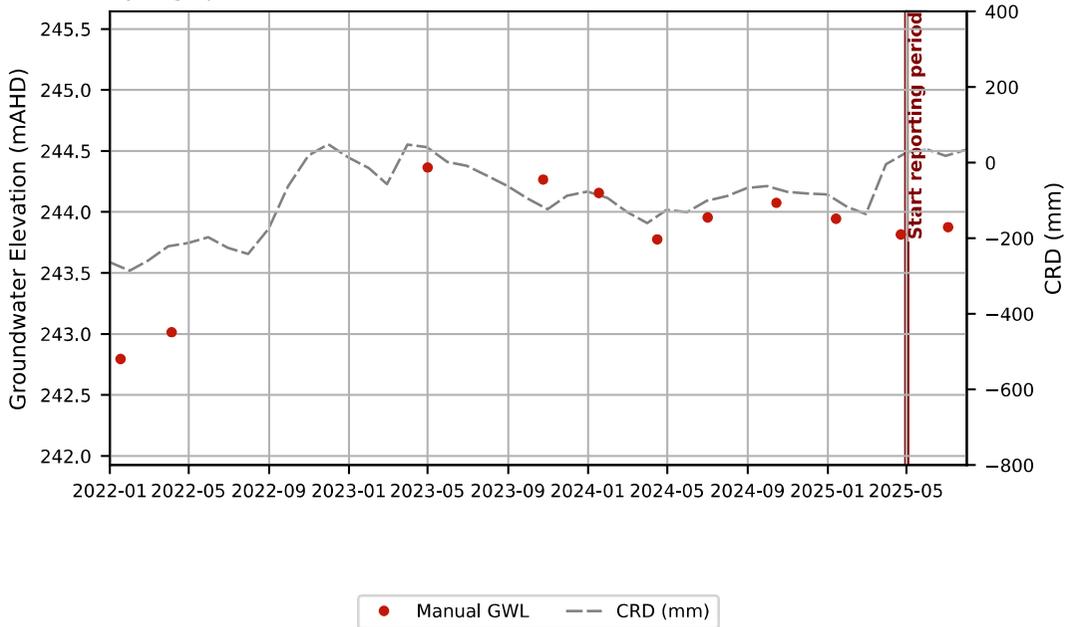
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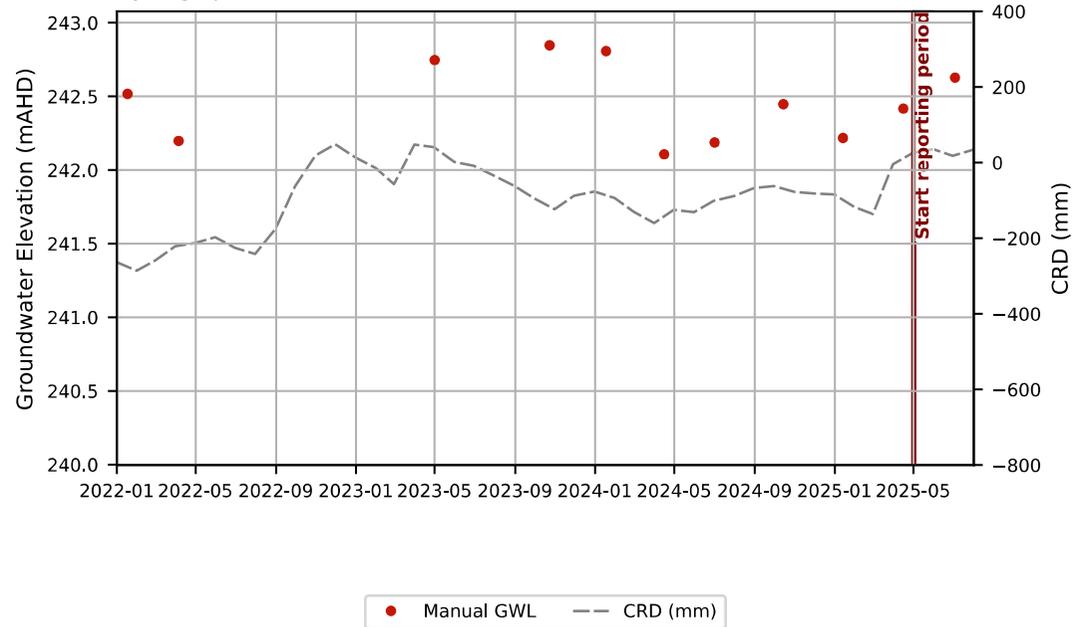
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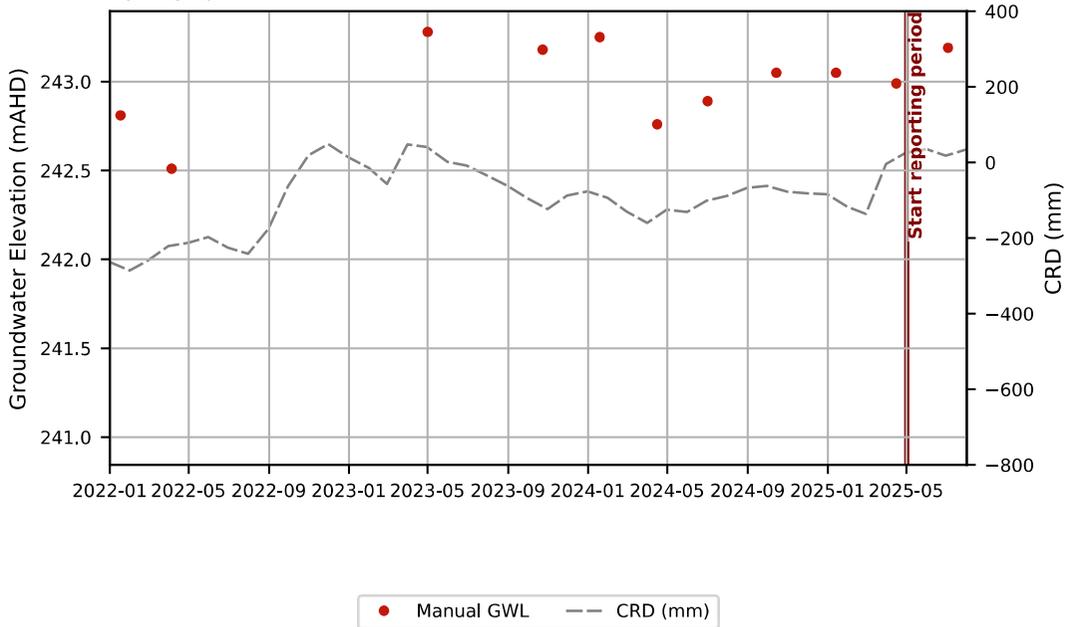
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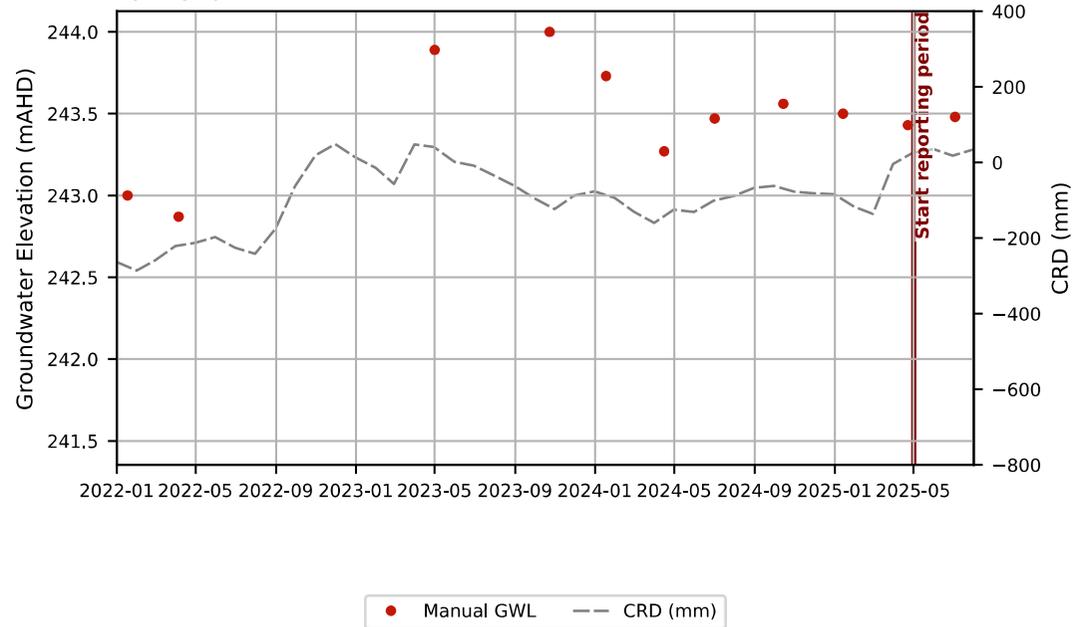
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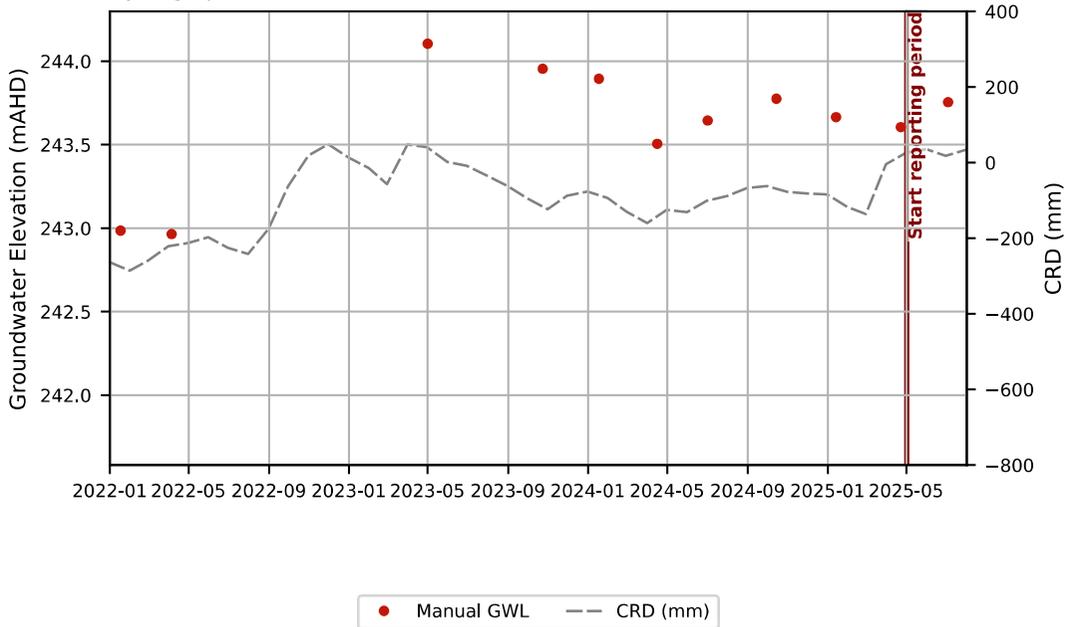
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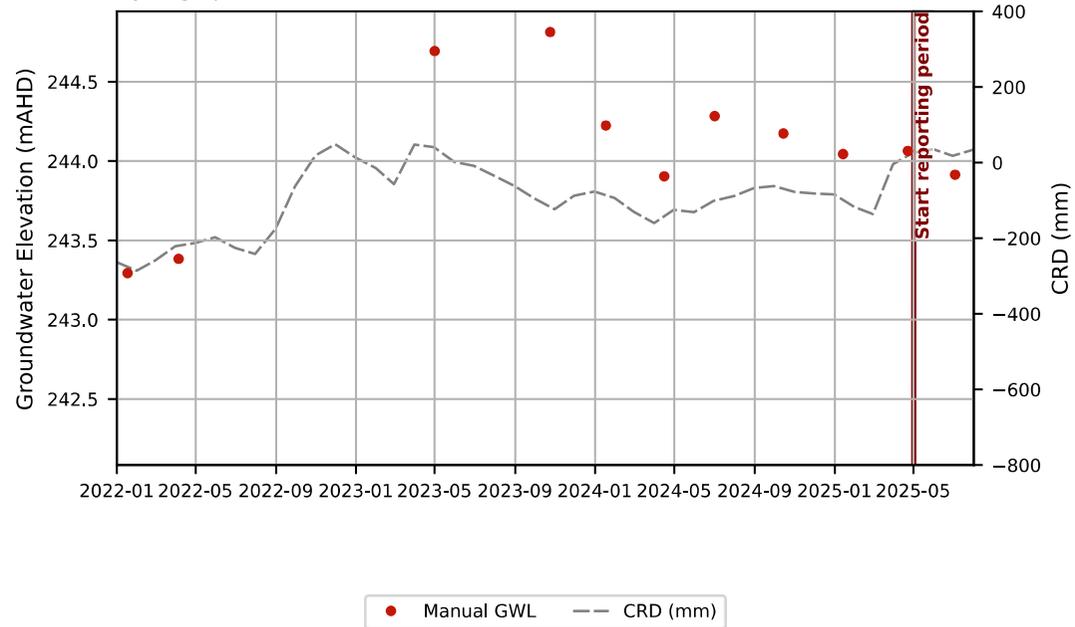
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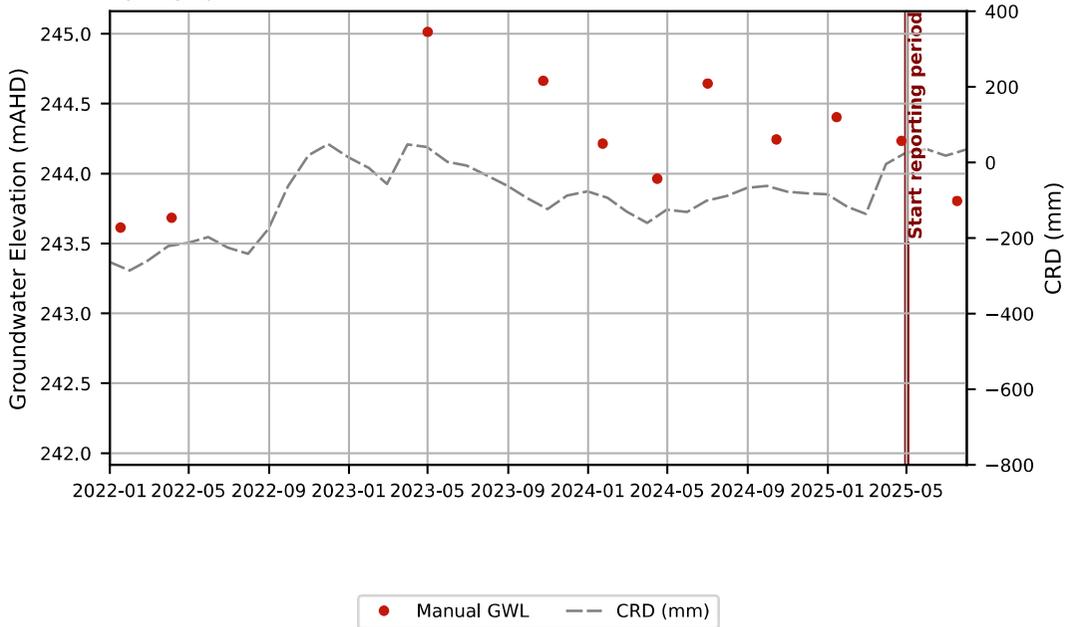
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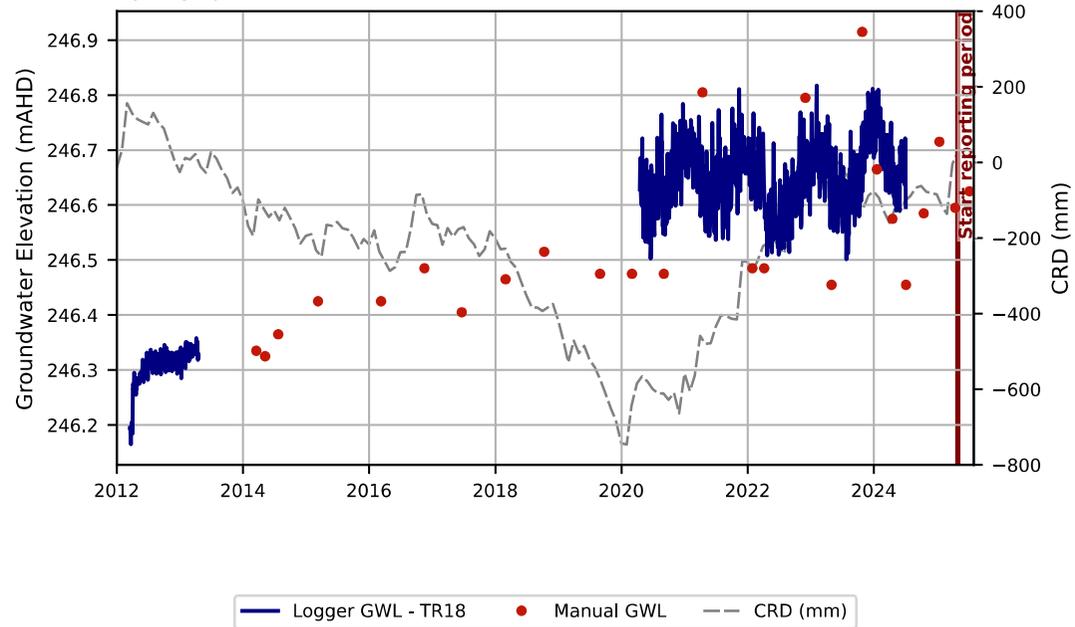
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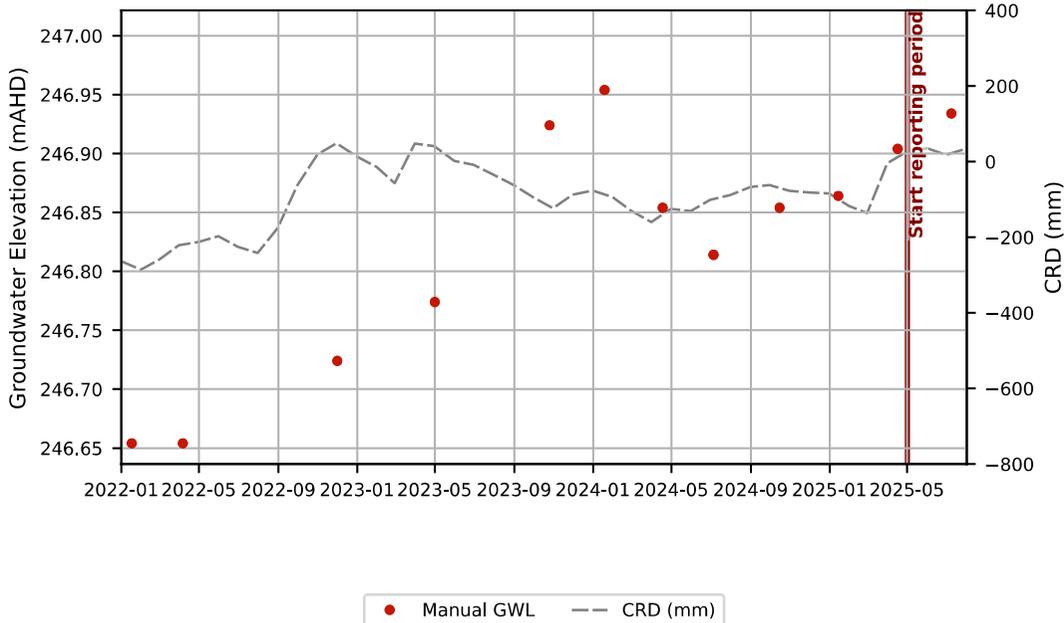
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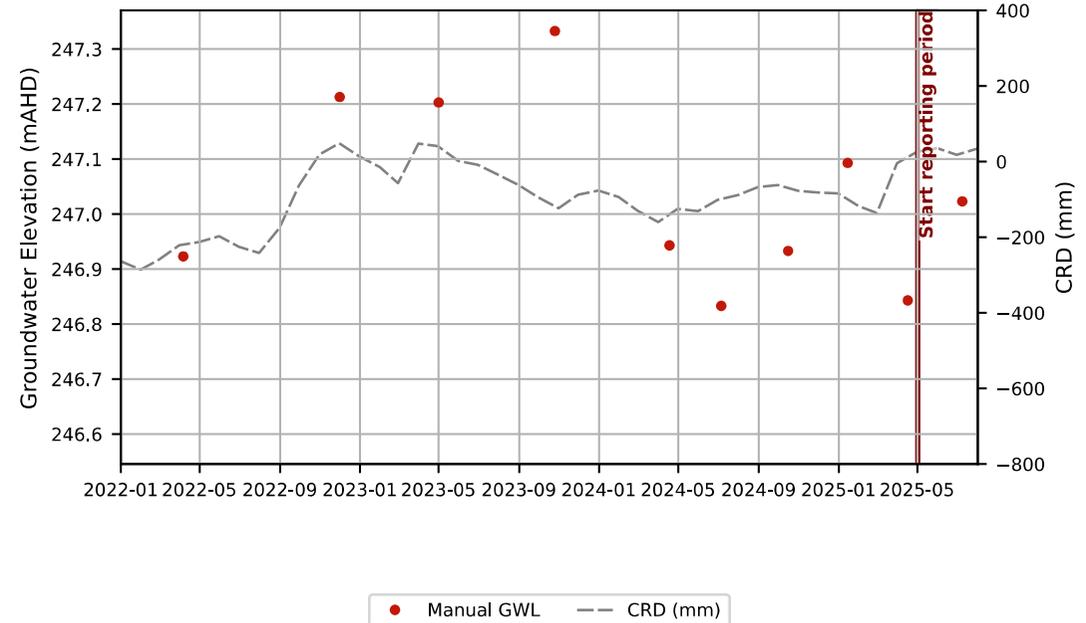
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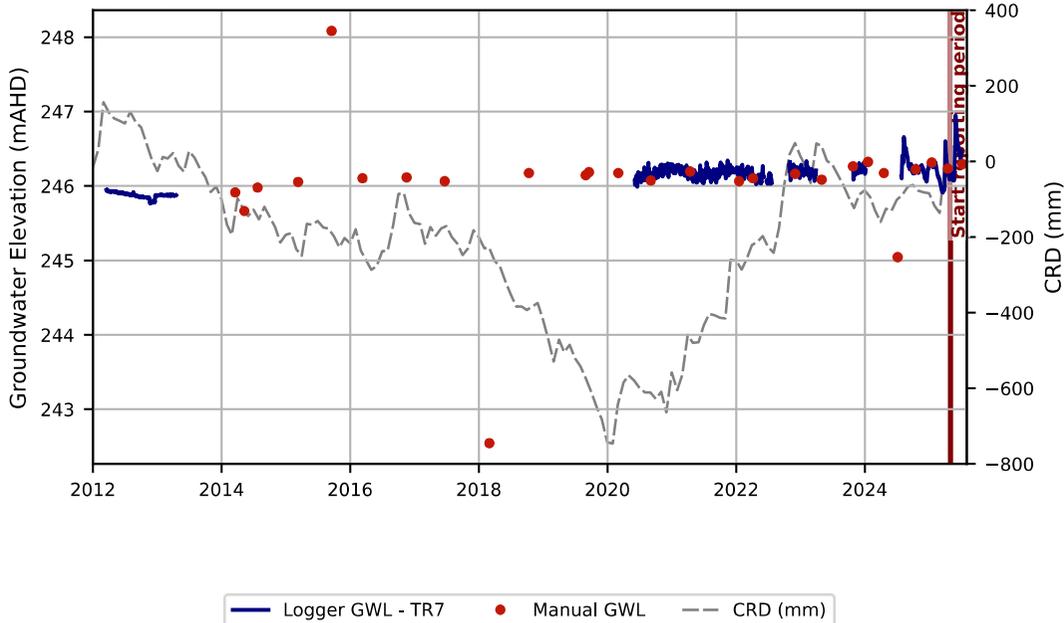
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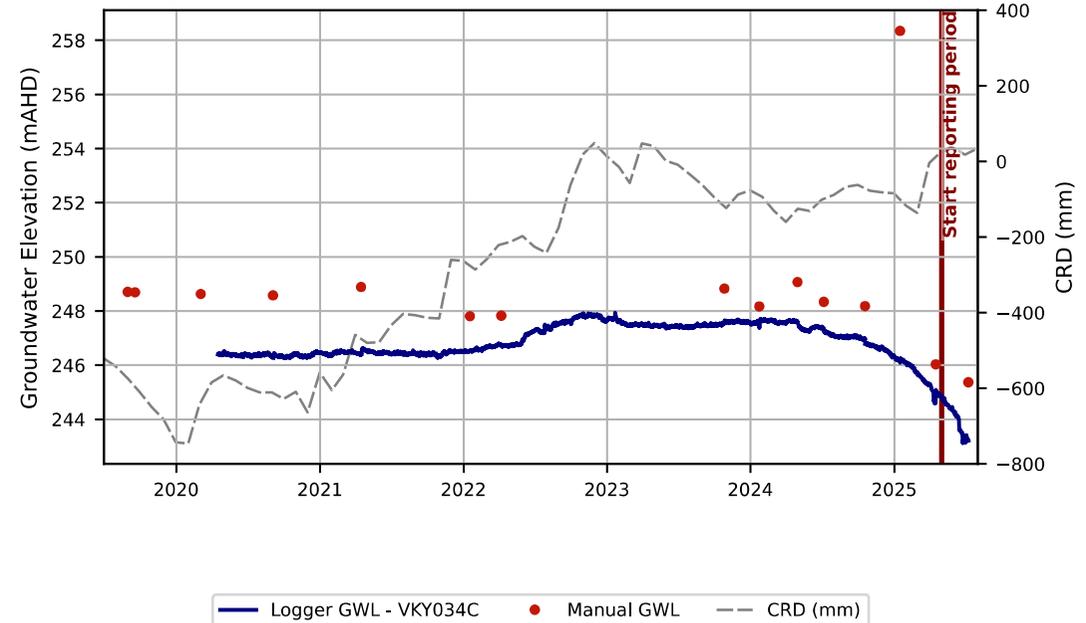
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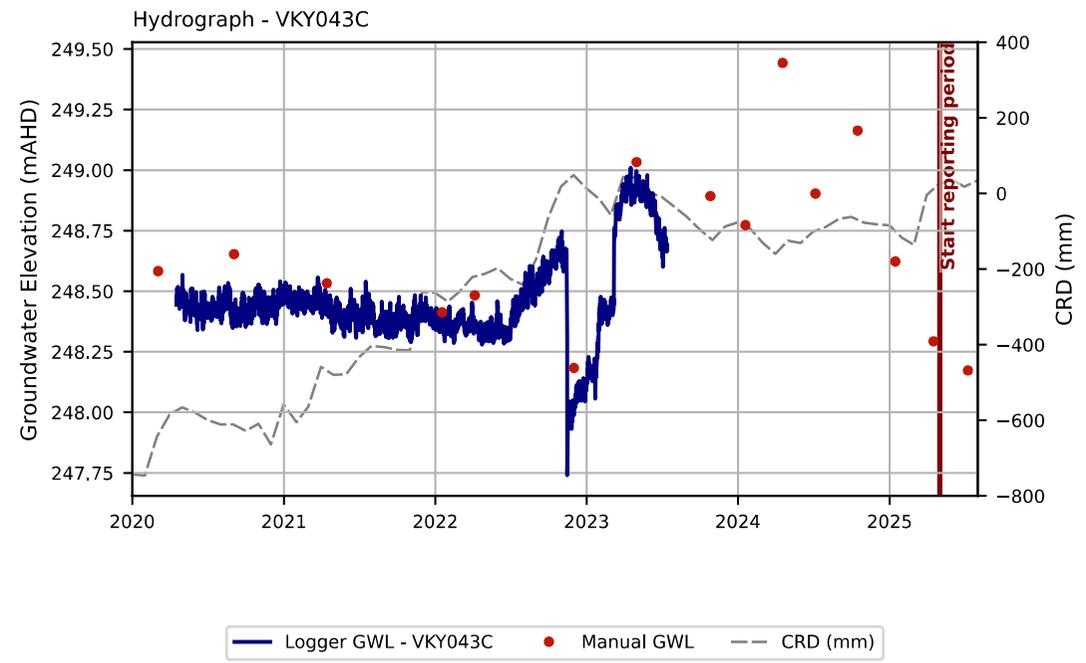
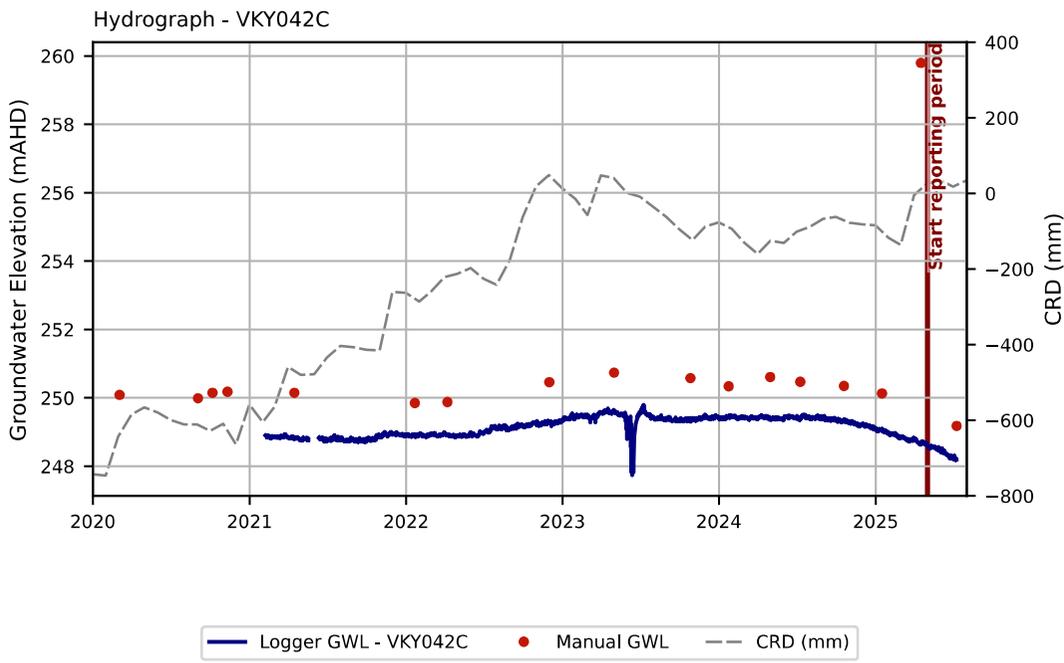
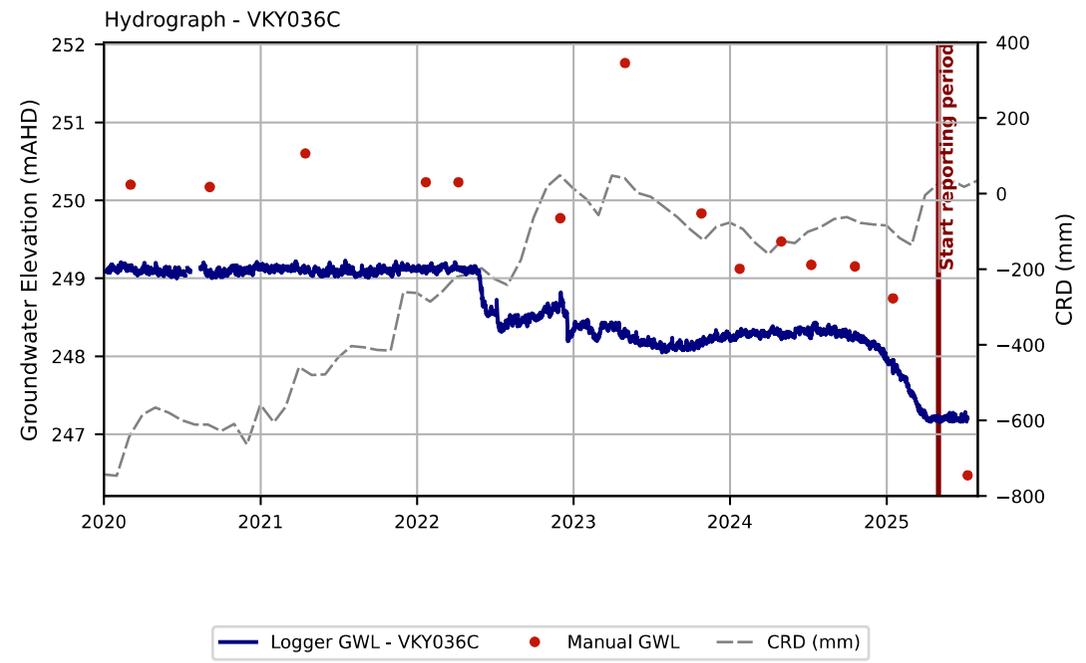
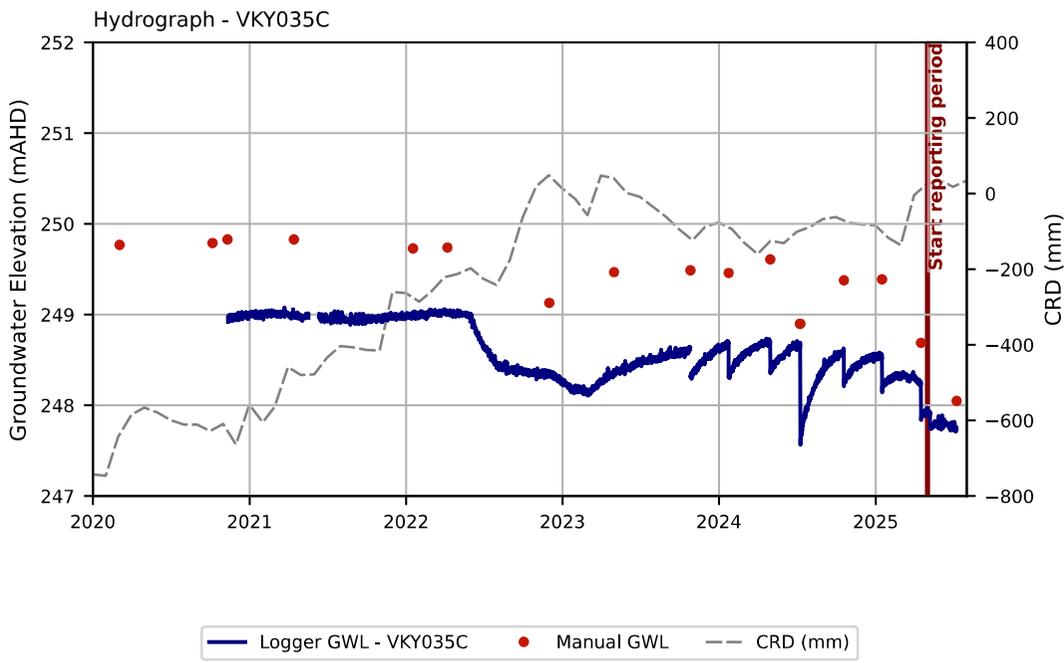


Hydrograph - TR7

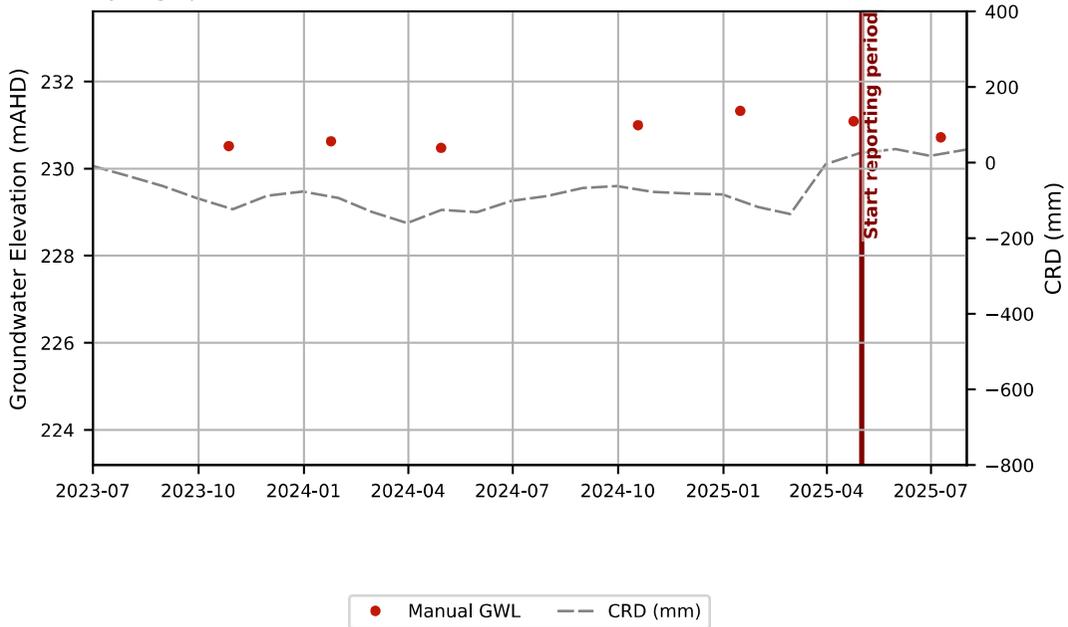


Hydrograph - VKY034C

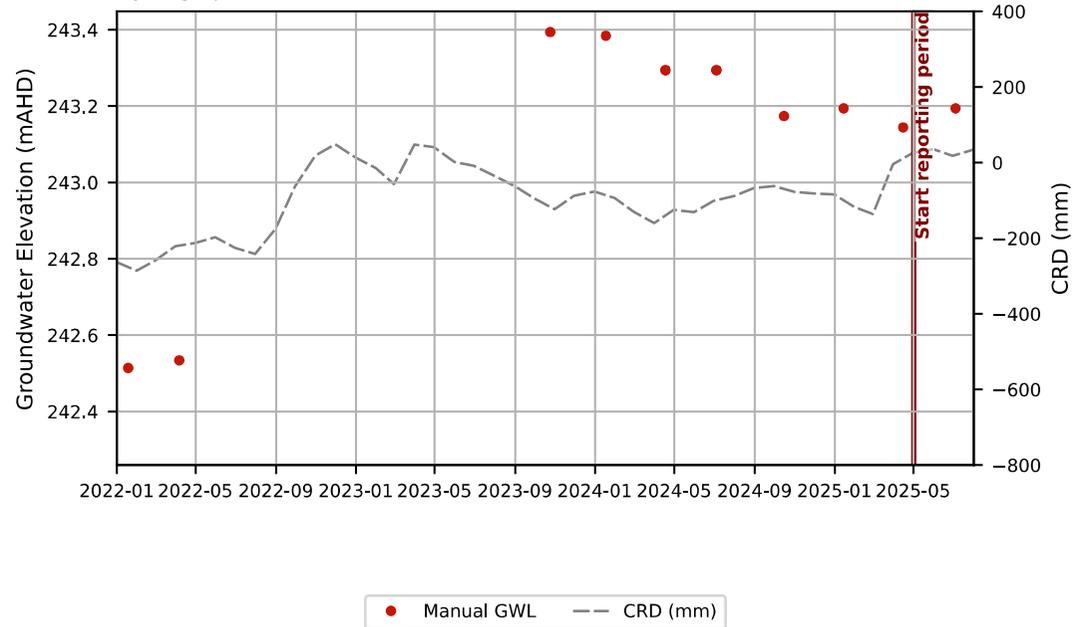




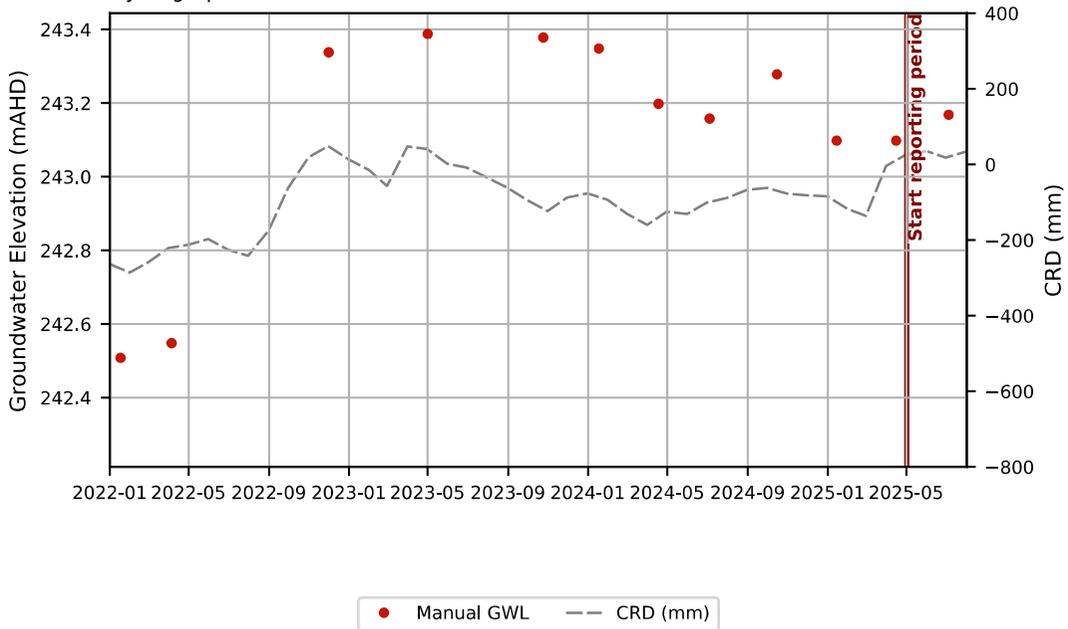
Hydrograph - VNW223



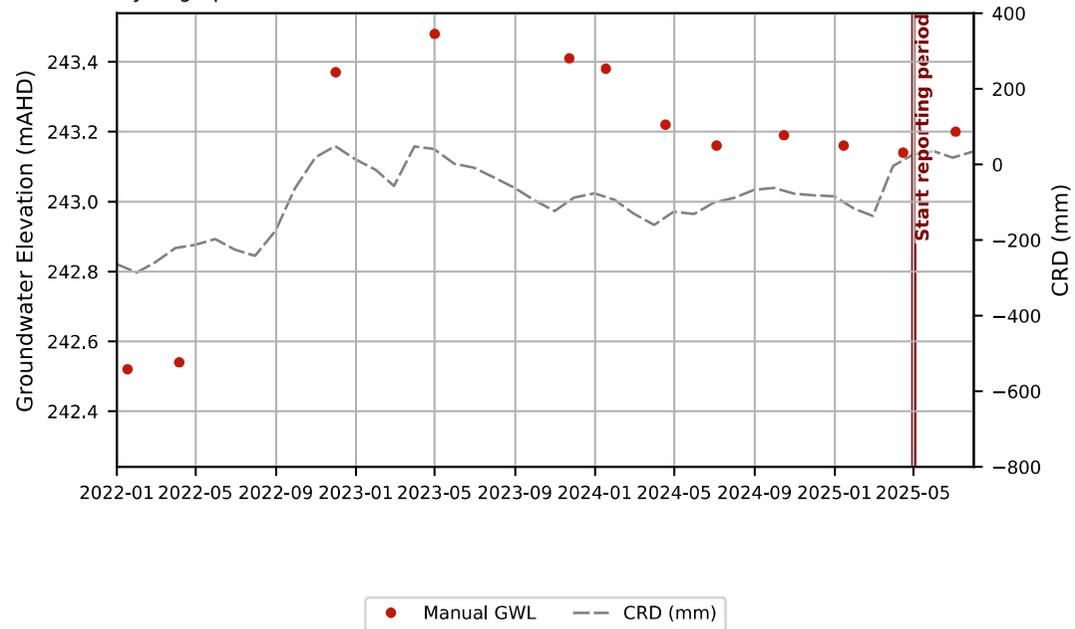
Hydrograph - VNW390

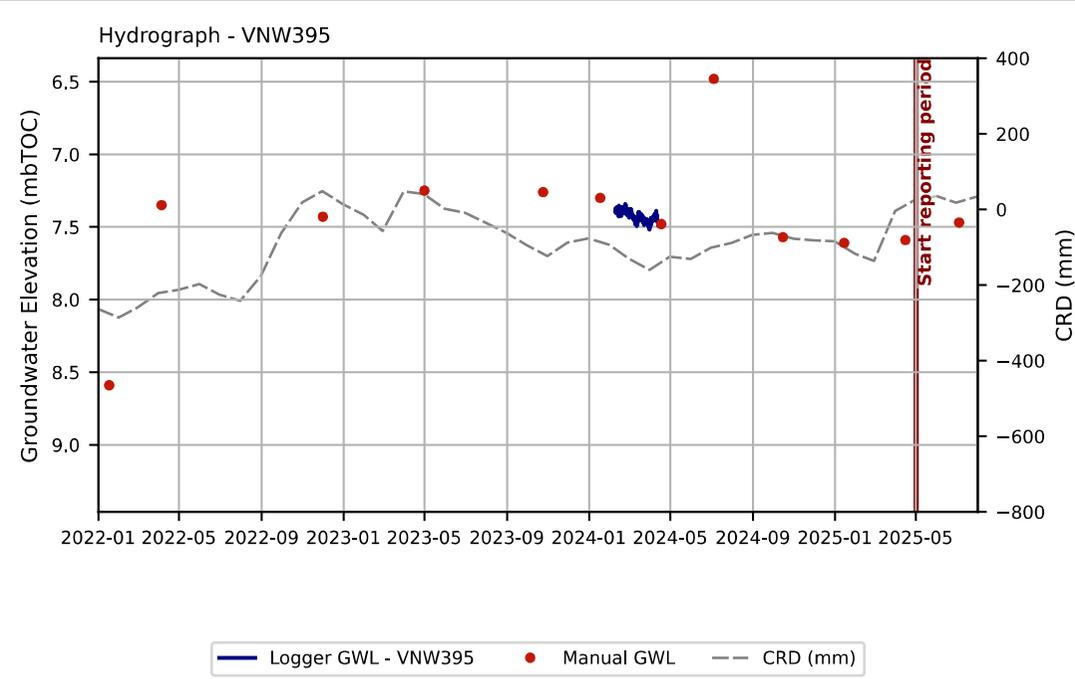
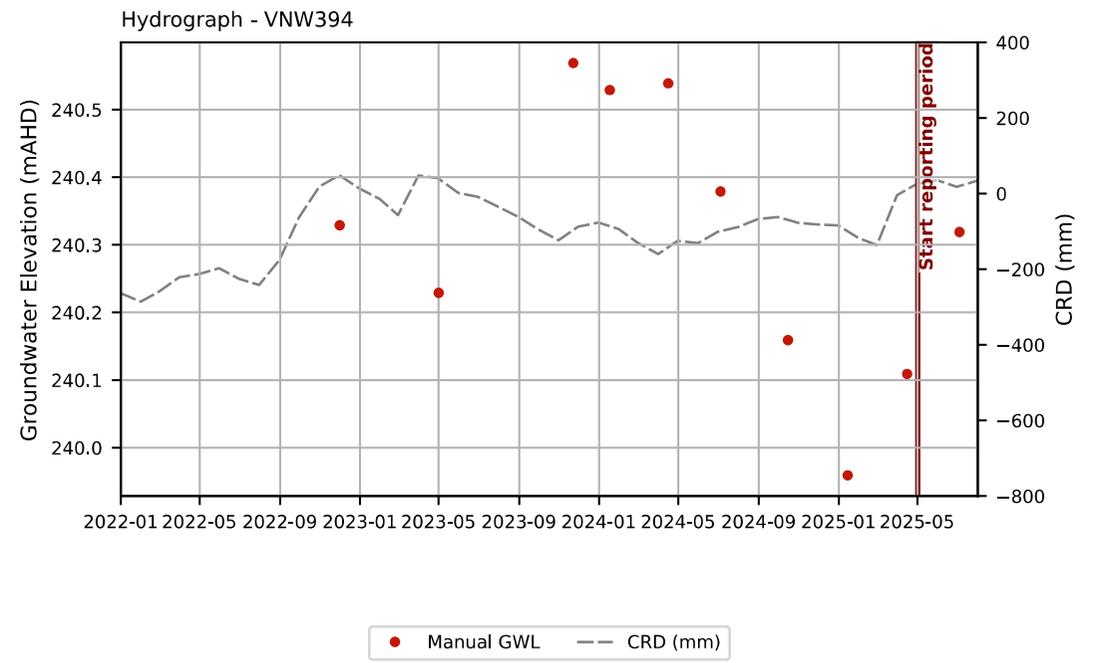
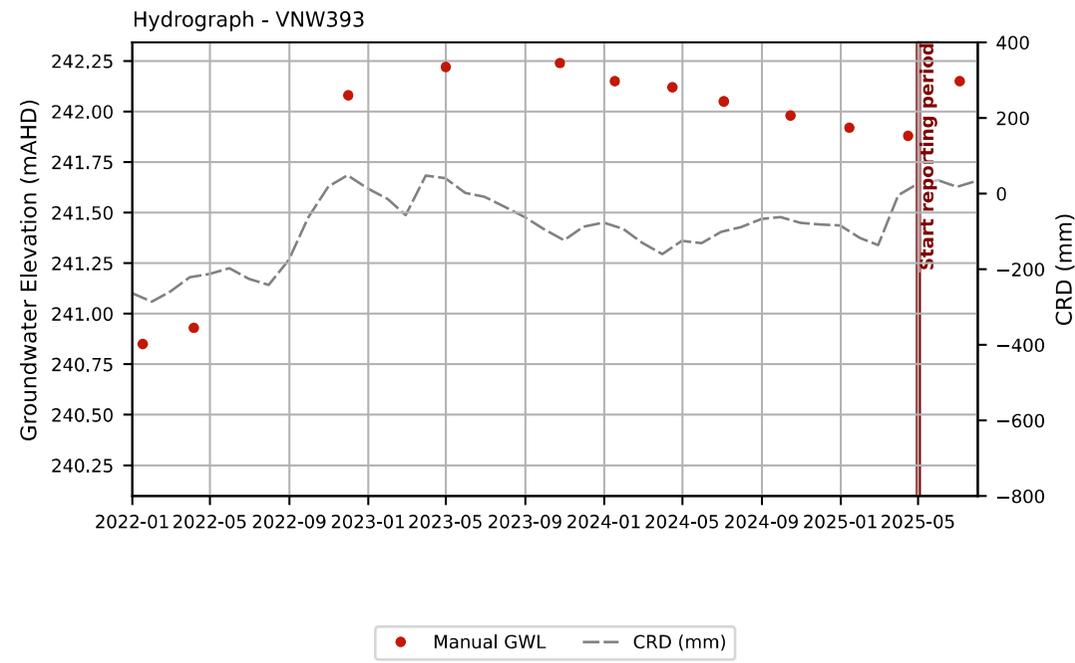


Hydrograph - VNW391

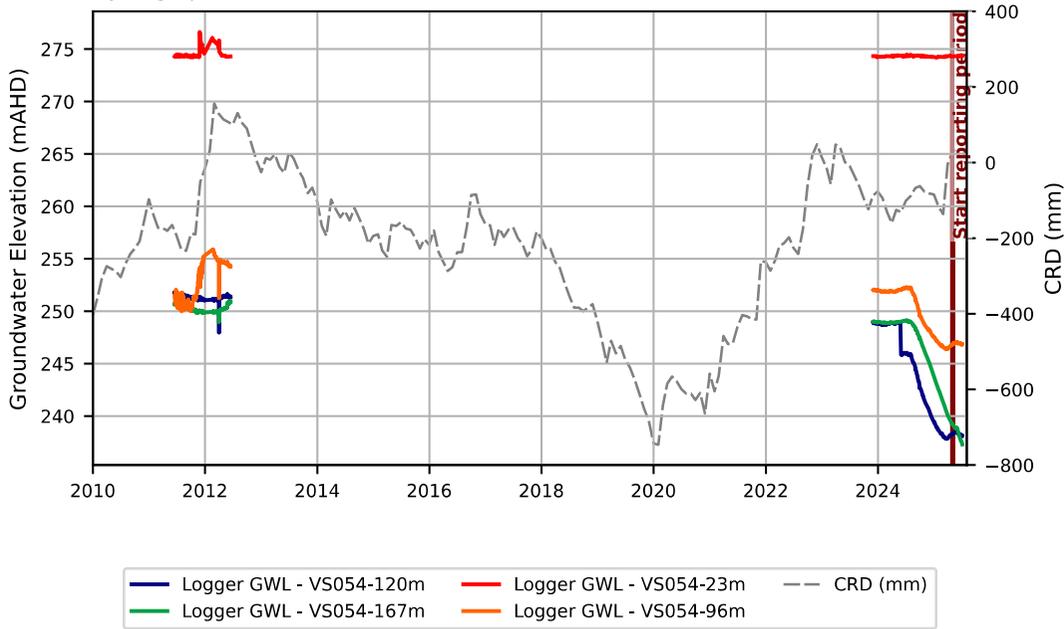


Hydrograph - VNW392

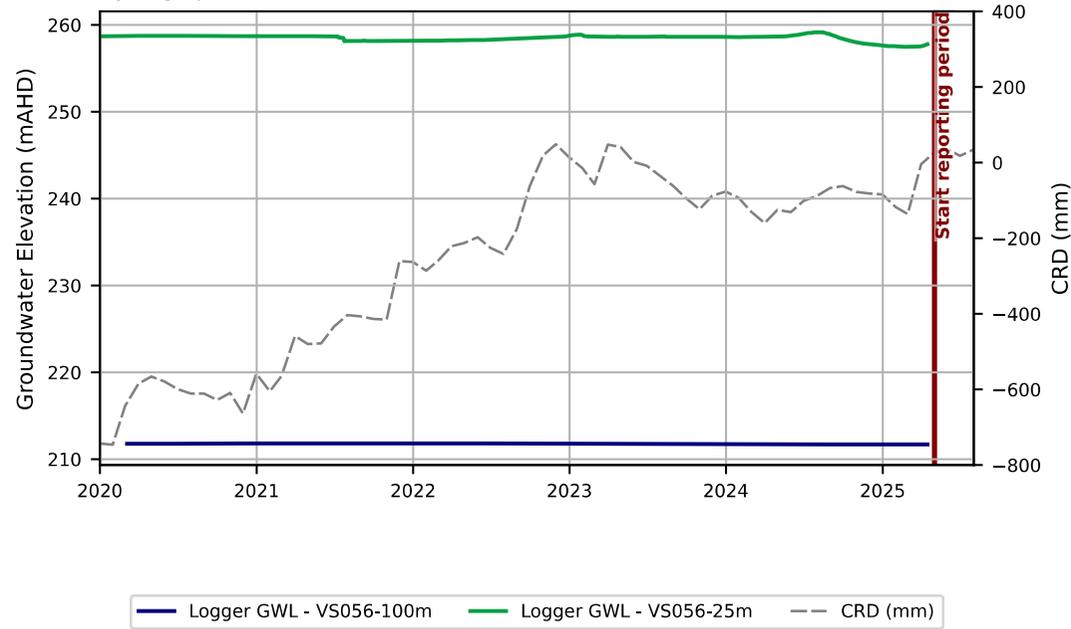




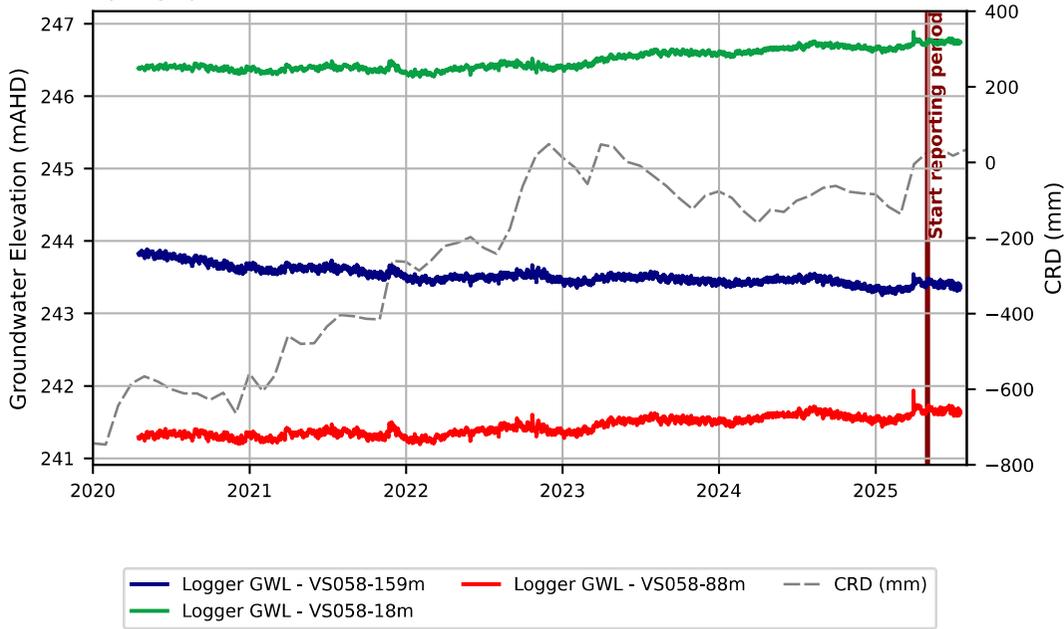
Hydrograph - VS054



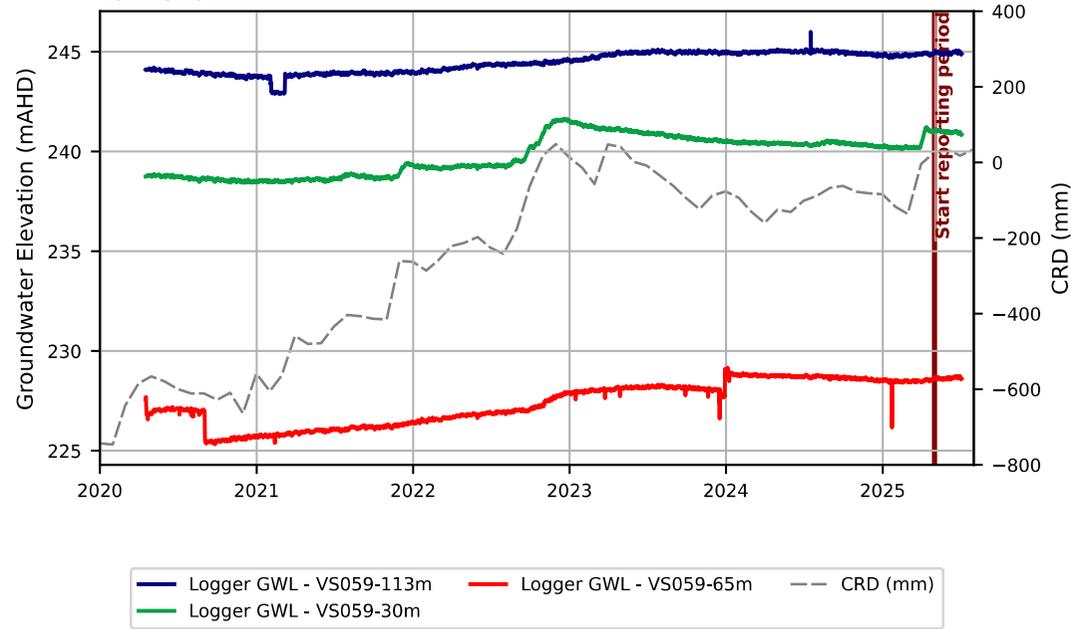
Hydrograph - VS056



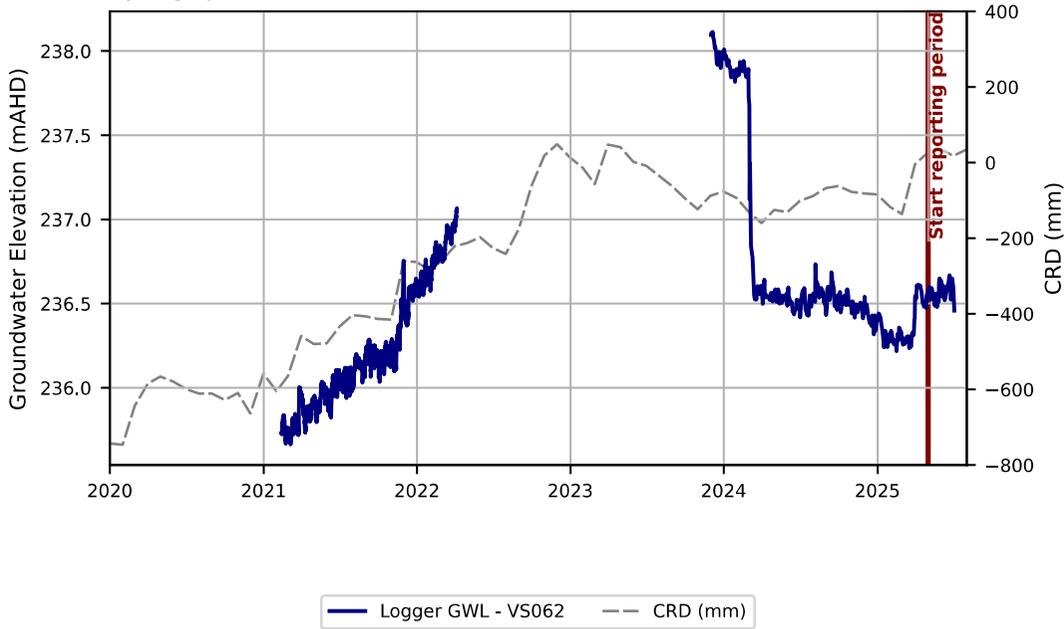
Hydrograph - VS058



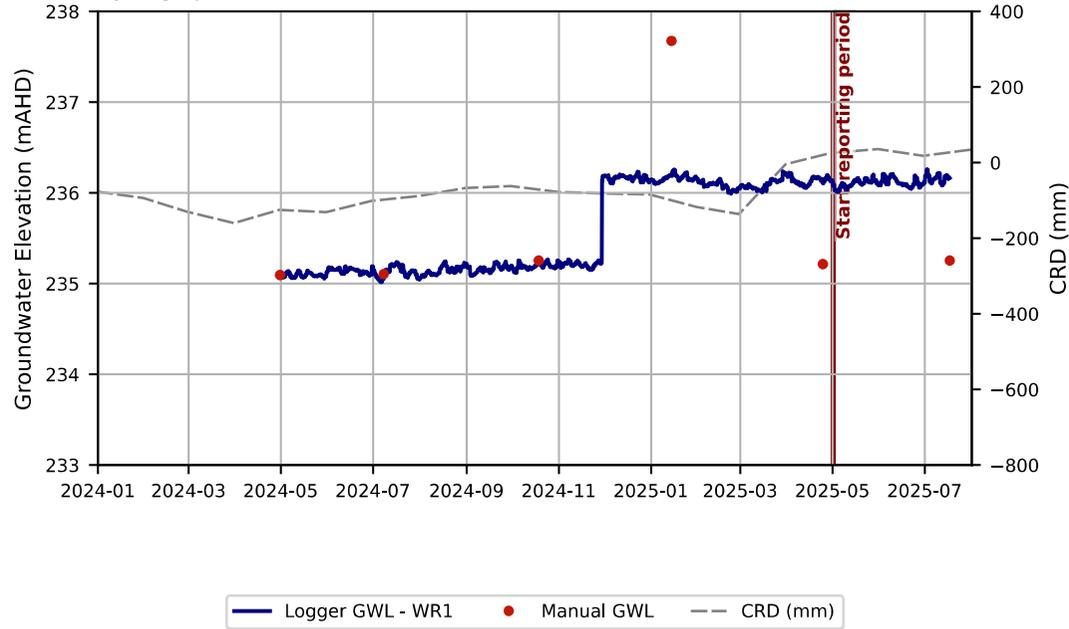
Hydrograph - VS059



Hydrograph - VS062



Hydrograph - WR1



Hydrograph - WR2

