



# SOIL-MAT ENGINEERS & CONSULTANTS LTD.

401 Grays Road · Hamilton, ON · L8E 2Z3

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**PROJECT No.: SM 241154-G**

September 22, 2025

CACHET DEVELOPMENTS  
361 CONNIE CRESCENT, SUITE 200  
Concord, Ontario  
L4K 5R2

Attention: Brendan Walton, P. Eng.  
Engineering Manager, Land Development

**SUPPLEMENTAL GROUNDWATER DATA  
PROPOSED RESIDENTIAL DEVELOPMENT  
CLAYTON AND ELORA SANDS  
ELORA, ONTARIO**

Dear Mr. Walton,

Further to the recent request and correspondence with MTE Consultants, SOIL-MAT ENGINEERS & CONSULTANTS LTD. has prepared the following brief updated groundwater level summary based on information collected between February 24, 2025 to May 13, 2025. This information is further to our preliminary hydrogeological assessment reports for the development lands [SM 301951-G, dated June 17, July 20, 2022 and August 19, 2024], and should be referenced in conjunction with those reports.

## **Groundwater Observations**

Monitoring wells were installed at Borehole Nos. 004, 101, 102, 104, 201, 201A, 202, 203, 204, 205, 206, 301 through 305, 401, 501 and 502 to allow for future measurements of the static groundwater level. Monitoring data up to May 2023 was presented in the prior referenced reports. A data logger was maintained in each of the monitoring wells to allow for further continuous monitoring of the groundwater level between March 2025 to May 2025, the readings of which have been illustrated in graphs which can be found appended to the end of this report. It is noted ground water monitoring is ongoing through the summer and fall of 2025.

In addition, manual monitoring well readings were also taken from all of the installed monitoring well locations across the site on various dates, ranging from February to May 2025. These have been summarized in the following charts. As well, the detailed plots of continuous groundwater levels for each monitoring well are appended.

**TABLE A**  
**SUMMARY OF MANUAL GROUNDWATER READINGS (ELORA SANDS)**

| <b>Borehole No. 004 (Ground Surface Elevation of 404.68 metres)</b> |                       |                           |
|---------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                     | Groundwater Depth (m) | Groundwater Elevation (m) |
| August 6, 2021                                                      | 2.74                  | 401.9                     |
| August 27, 2021                                                     | 1.75                  | 402.9                     |
| February 23, 2022                                                   | 1.33                  | 403.4                     |
| April 22, 2022                                                      | 1.47                  | 403.2                     |
| June 1, 2022                                                        | 1.78                  | 402.9                     |
| May 3, 2023                                                         | 1.20                  | 403.5                     |
| May 13, 2025                                                        | 1.77                  | 402.9                     |

| <b>Borehole No. 201 (Ground Surface Elevation of 404.80 metres)</b> |                       |                           |
|---------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                     | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 17, 2022                                                   | 2.69                  | 402.1                     |
| April 22, 2022                                                      | 1.88                  | 402.9                     |
| June 1, 2022                                                        | 2.44                  | 402.4                     |
| May 3, 2023                                                         | 1.88                  | 402.9                     |
| May 13, 2025                                                        | 2.13                  | 402.7                     |

| <b>Borehole No. 201A (Ground Surface Elevation of 404.75 metres)</b> |                       |                           |
|----------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                      | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 17, 2022                                                    | Dry                   | <401.8                    |
| April 22, 2022                                                       | 2.05                  | 402.7                     |
| June 1, 2022                                                         | 2.43                  | 402.3                     |
| May 3, 2023                                                          | 1.71                  | 403.1                     |

| <b>Borehole No. 202 (Ground Surface Elevation of 406.59 metres)</b> |                       |                           |
|---------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                     | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 17, 2022                                                   | 5.5                   | 401.1                     |
| April 22, 2022                                                      | 4.76                  | 401.8                     |
| June 1, 2022                                                        | 5.43                  | 401.2                     |
| May 3, 2023                                                         | 4.51                  | 402.1                     |
| May 13, 2025                                                        | 5.17                  | 401.4                     |

| <b>Borehole No. 203 (Ground Surface Elevation of 407.13 metres)</b> |                       |                           |
|---------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                     | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 17, 2022                                                   | Dry                   | <401.0                    |
| April 22, 2022                                                      | 5.90                  | 401.2                     |

|              |      |        |
|--------------|------|--------|
| June 1, 2022 | 5.91 | 401.2  |
| May 3, 2023  | Dry  | <401.0 |
| May 13, 2025 | 5.91 | 401.2  |

| <b>Borehole No. 204 (Ground Surface Elevation of 409.56 metres)</b> |                       |                           |
|---------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                     | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 17, 2022                                                   | 2.81                  | 406.7                     |
| April 22, 2022                                                      | 1.16                  | 408.4                     |
| June 1, 2022                                                        | 1.53                  | 408.0                     |
| May 3, 2023                                                         | 1.20                  | 408.4                     |
| May 13, 2025                                                        | 1.59                  | 408.0                     |

| <b>Borehole No. 205 (Ground Surface Elevation of 412.99 metres)</b> |                       |                           |
|---------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                     | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 17, 2022                                                   | 2.56                  | 410.4                     |
| April 22, 2022                                                      | 2.25                  | 410.7                     |
| June 1, 2022                                                        | 2.39                  | 410.6                     |
| May 3, 2023                                                         | 2.34                  | 410.6                     |
| May 13, 2025                                                        | 2.32                  | 410.7                     |

| <b>Borehole No. 206 (Ground Surface Elevation of 412.88 metres)</b> |                       |                           |
|---------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                     | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 17, 2022                                                   | 6.83                  | 406.1                     |
| April 22, 2022                                                      | 4.60                  | 408.3                     |
| June 1, 2022                                                        | 4.66                  | 408.2                     |
| May 3, 2023                                                         | 4.76                  | 408.1                     |
| May 13, 2025                                                        | 4.55                  | 408.3                     |

| <b>Borehole No. 401 (Ground Surface Elevation of 419.77 metres)</b> |                       |                           |
|---------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                     | Groundwater Depth (m) | Groundwater Elevation (m) |
| April 22, 2022                                                      | 2.29                  | 417.5                     |
| June 1, 2022                                                        | 2.39                  | 417.4                     |
| May 3, 2023                                                         | 2.31                  | 417.5                     |
| May 13, 2025                                                        | 2.44                  | 417.3                     |

**TABLE B**  
**SUMMARY OF MANUAL GROUNDWATER READINGS (CLAYTON LANDS)**

| <b>Borehole No. 101 (Ground Surface Elevation of 407.50 metres)</b> |                       |                           |
|---------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                     | Groundwater Depth (m) | Groundwater Elevation (m) |
| August 6, 2021                                                      | 4.78                  | 402.7                     |
| August 27, 2021                                                     | 4.71                  | 402.8                     |
| October 14, 2021                                                    | 4.33                  | 403.2                     |
| February 23, 2022                                                   | 4.31                  | 403.2                     |
| April 22, 2022                                                      | 4.07                  | 403.4                     |
| June 1, 2022                                                        | 4.15                  | 403.3                     |
| May 3, 2023                                                         | 4.06                  | 403.4                     |
| May 13, 2025                                                        | 4.12                  | 403.4                     |

| <b>Borehole No. 102 (Ground Surface Elevation of 413.0 metres)</b> |                       |                           |
|--------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                    | Groundwater Depth (m) | Groundwater Elevation (m) |
| August 6, 2021                                                     | 3.58                  | 409.4                     |
| August 27, 2021                                                    | 3.61                  | 409.4                     |
| October 14, 2021                                                   | 3.62                  | 409.4                     |
| February 23, 2022                                                  | 3.50                  | 409.5                     |
| April 22, 2022                                                     | 2.89                  | 410.1                     |
| June 1, 2022                                                       | 3.05                  | 409.9                     |
| May 3, 2023                                                        | 3.00                  | 410.0                     |
| May 13, 2025                                                       | 2.82                  | 410.2                     |

| <b>Borehole No. 104 (Ground Surface Elevation of 414.2 metres)</b> |                       |                           |
|--------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                    | Groundwater Depth (m) | Groundwater Elevation (m) |
| August 6, 2021                                                     | 6.78                  | 407.4                     |
| August 27, 2021                                                    | 6.96                  | 407.2                     |
| October 14, 2021                                                   | 7.09                  | 407.1                     |
| February 23, 2022                                                  | 6.83                  | 407.3                     |
| April 22, 2022                                                     | 6.13                  | 408.1                     |
| June 1, 2022                                                       | 6.28                  | 407.9                     |
| May 3, 2023                                                        | 6.56                  | 407.6                     |
| May 13, 2025                                                       | 6.24                  | 407.9                     |

| <b>Borehole No. 301 (Ground Surface Elevation of 412.81 metres)*</b> |                       |                           |
|----------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                      | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 23, 2022                                                    | 6.29                  | 406.5                     |
| April 22, 2022                                                       | 5.65                  | 407.1                     |



|              |      |       |
|--------------|------|-------|
| June 1, 2022 | 5.71 | 407.0 |
| May 3, 2023  | 5.85 | 406.9 |
| May 13, 2025 | 5.59 | 407.2 |

| <b>Borehole No. 302 (Ground Surface Elevation of 413.00 metres)*</b> |                       |                           |
|----------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                      | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 23, 2022                                                    | 6.62                  | 406.4                     |
| April 22, 2022                                                       | 6.06                  | 406.9                     |
| June 1, 2022                                                         | 6.12                  | 406.9                     |
| May 3, 2023                                                          | 6.35                  | 406.7                     |
| May 13, 2025                                                         | 6.03                  | 407.0                     |

| <b>Borehole No. 303 (Ground Surface Elevation of 414.00 metres)*</b> |                       |                           |
|----------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                      | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 23, 2022                                                    | 5.40                  | 408.6                     |
| April 22, 2022                                                       | 6.04                  | 407.9                     |
| June 1, 2022                                                         | 6.11                  | 407.9                     |
| May 3, 2023                                                          | 6.41                  | 407.6                     |
| May 13, 2025                                                         | 5.98                  | 408.0                     |

| <b>Borehole No. 304 (Ground Surface Elevation of 407.90 metres)*</b> |                       |                           |
|----------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                      | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 23, 2022                                                    | 2.87                  | 405.0                     |
| April 22, 2022                                                       | 2.60                  | 405.3                     |
| June 1, 2022                                                         | 2.96                  | 404.9                     |
| May 3, 2023                                                          | 2.42                  | 405.5                     |
| May 13, 2025                                                         | 2.72                  | 405.2                     |

| <b>Borehole No. 305 (Ground Surface Elevation of 407.48 metres)*</b> |                       |                           |
|----------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                      | Groundwater Depth (m) | Groundwater Elevation (m) |
| February 23, 2022                                                    | Dry                   | <404.6                    |
| April 22, 2022                                                       | Dry                   | <404.6                    |
| June 1, 2022                                                         | Dry                   | <404.6                    |
| May 3, 2023                                                          | Dry                   | <404.6                    |
| May 13, 2025                                                         | Dry                   | <404.6                    |

| <b>Borehole No. 501 (Ground Surface Elevation of 412.80 metres)*</b> |                       |                           |
|----------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                      | Groundwater Depth (m) | Groundwater Elevation (m) |
| May 13, 2025                                                         | 3.78                  | 409.0                     |

| <b>Borehole No. 502 (Ground Surface Elevation of 413.60 metres)*</b> |                       |                           |
|----------------------------------------------------------------------|-----------------------|---------------------------|
|                                                                      | Groundwater Depth (m) | Groundwater Elevation (m) |
| May 13, 2025                                                         | 3.27                  | 410.3                     |

\*Ground surface elevations have been interpolated based on contours from current topographic survey

The water level readings are noted to be reasonably consistent between May 2023 and May 2025, indicative of the seasonal high groundwater levels. As such the previously prepared groundwater contour plan for the site would be considered valid. This has been appended for reference.

As noted above, continuous collection of groundwater data in each of the monitoring wells is ongoing. This information will be updated in late 2025, or sooner as may be warranted.

We trust that this brief supplemental information is sufficient for your present requirements. Should you require any additional information or clarification as to the contents of this document, please do not hesitate to contact the undersigned.

Yours very truly,  
SOIL-MAT ENGINEERS & CONSULTANTS LTD.



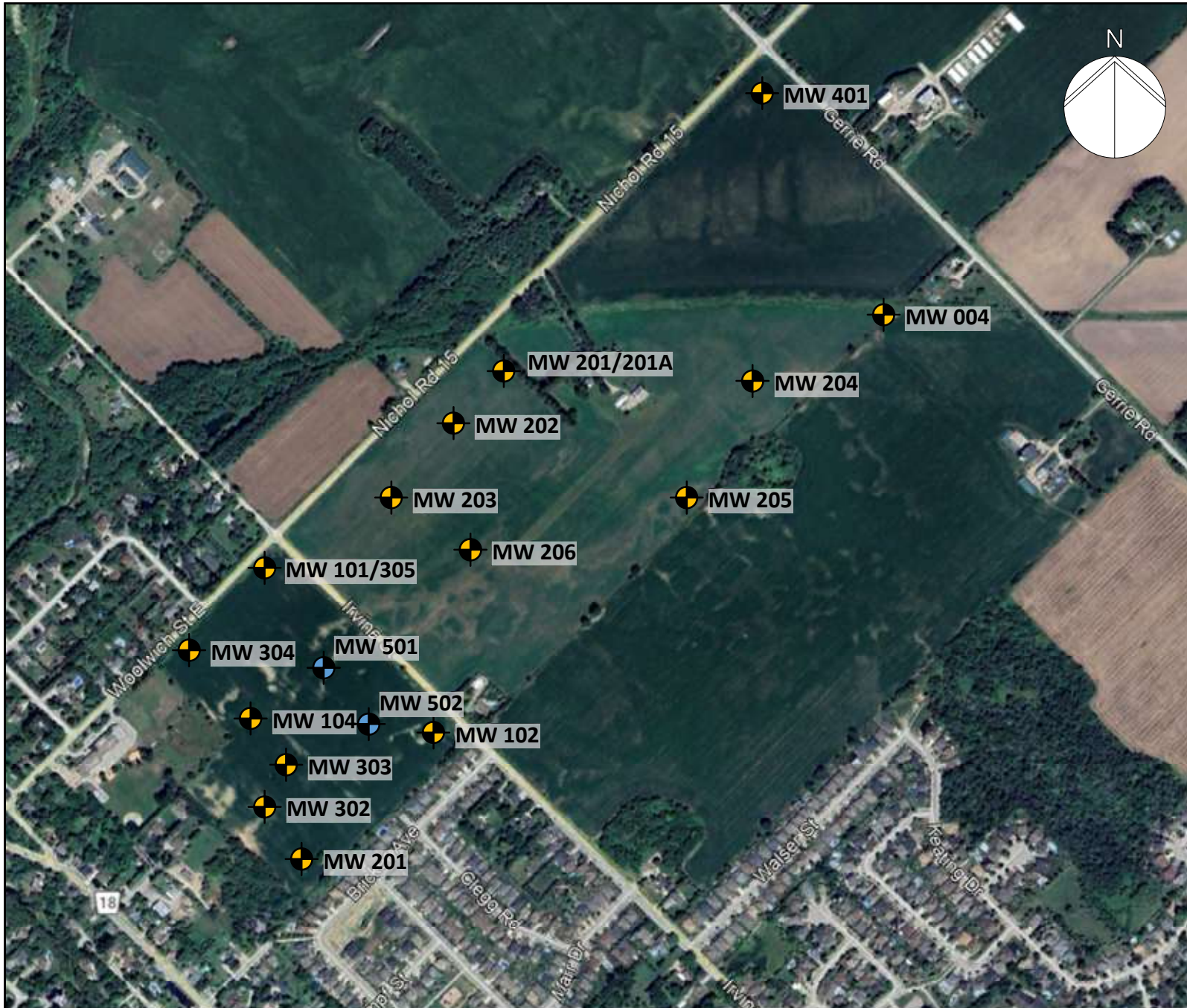
Kevin Reid, P. Eng.  
Project Engineer



Ian Shaw, P. Eng., QP<sub>ESA</sub>  
Senior Engineer

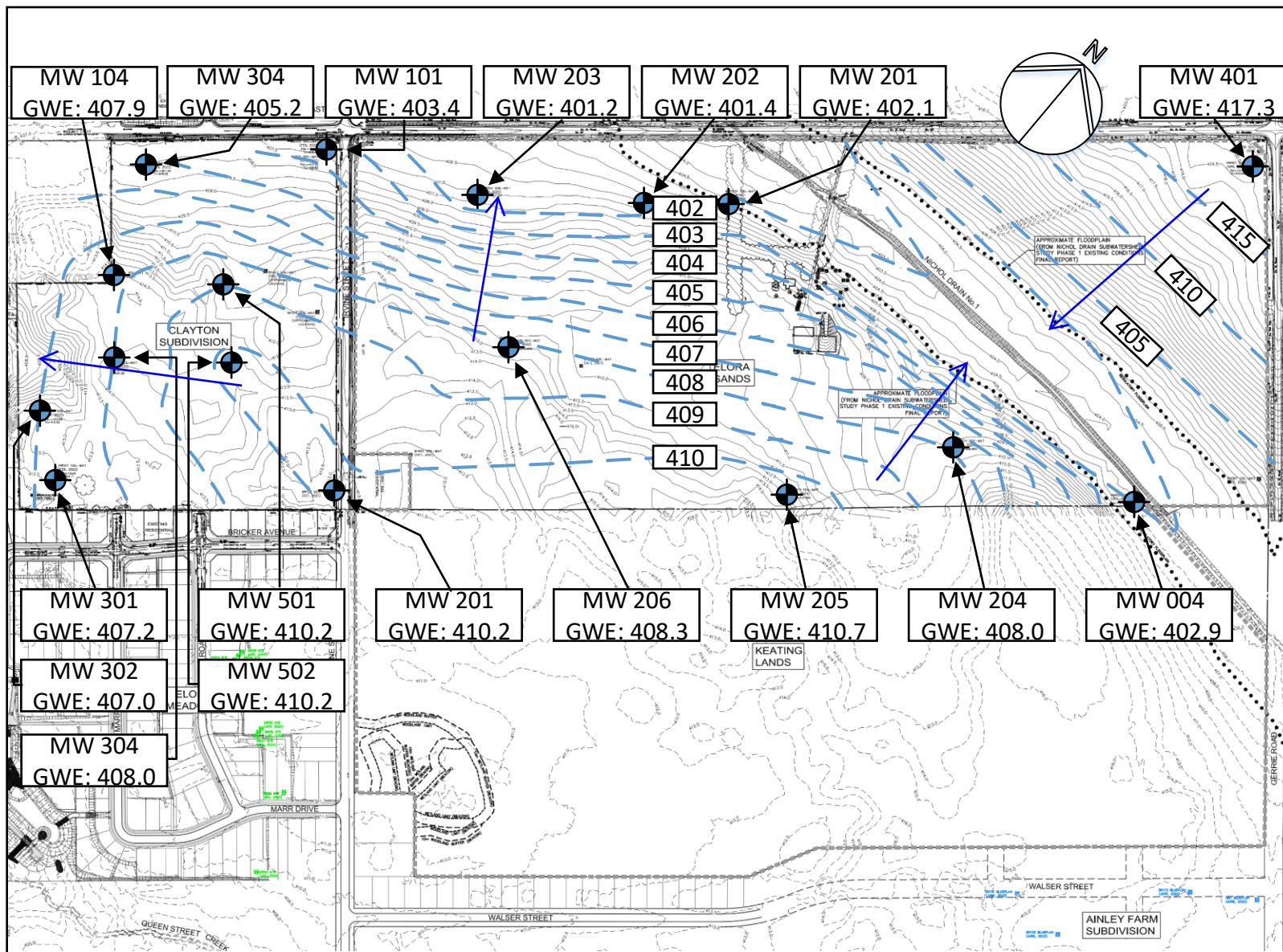
Enclosures: Drawing No. 1, Borehole Location Plan  
Drawing No. 2, Groundwater Contour Plan  
Drawing No. 3A-C, Groundwater Contour Plans  
Groundwater Monitoring Well Plots

Distribution: Cachet Developments [pdf]

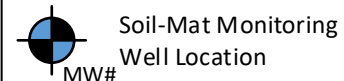


|                                                                                                                  |                                    |
|------------------------------------------------------------------------------------------------------------------|------------------------------------|
| <b>LEGEND</b>                                                                                                    |                                    |
|                               | Borehole Location<br>BH/<br>MW#    |
|                               | Previous Monitoring<br>Well<br>MW# |
| <b>NOTES</b>                                                                                                     |                                    |
| 1. This drawing should be read in conjunction with Soil-Mat Engineers & Consultants Ltd. Report No. SM 241154-G. |                                    |
| 2. Borehole locations are approximate.                                                                           |                                    |
| <b>SOIL-MAT</b>                                                                                                  |                                    |
| ENGINEERS & CONSULTANTS LTD.                                                                                     |                                    |
| Geotechnical Investigation<br>Proposed Residential<br>Development<br>Elora Sands/Clayton Lands<br>Elora, Ontario |                                    |
| Proposed Borehole Location<br>Plan                                                                               |                                    |
| Project No. SM 241154-G                                                                                          |                                    |
| Date: August, 2025                                                                                               |                                    |
| Drawn: MG                                                                                                        |                                    |
| Checked: IS                                                                                                      |                                    |
| Drawing No. 1                                                                                                    |                                    |





## LEGEND



## NOTES

1. This drawing should be read in conjunction with Soil-Mat Engineers & Consultants Ltd. Report No. SM 241154-G.
2. Drawing Ref: Existing Conditions Plan, MTE, Drawing No. EC2.1, dated January 29, 2025
3. Borehole locations are approximate.

# SOIL-MAT

ENGINEERS & CONSULTANTS LTD.

Hydrogeological Considerations  
Clayton Lands  
Elora, Ontario

Groundwater Contour Map

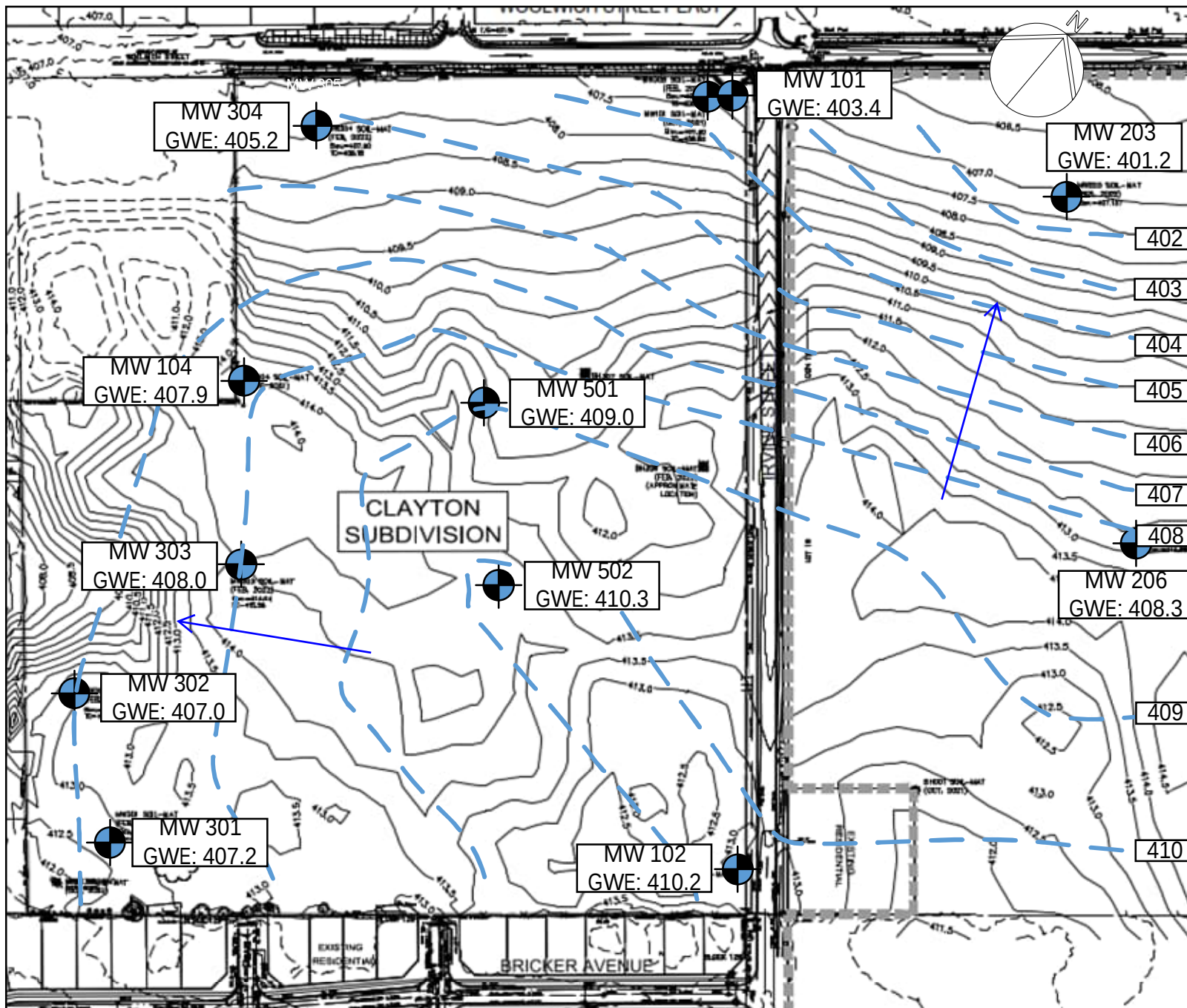
Project No. SM 241154-G

Date: September 2025

Drawn: KJR | Checked: IS

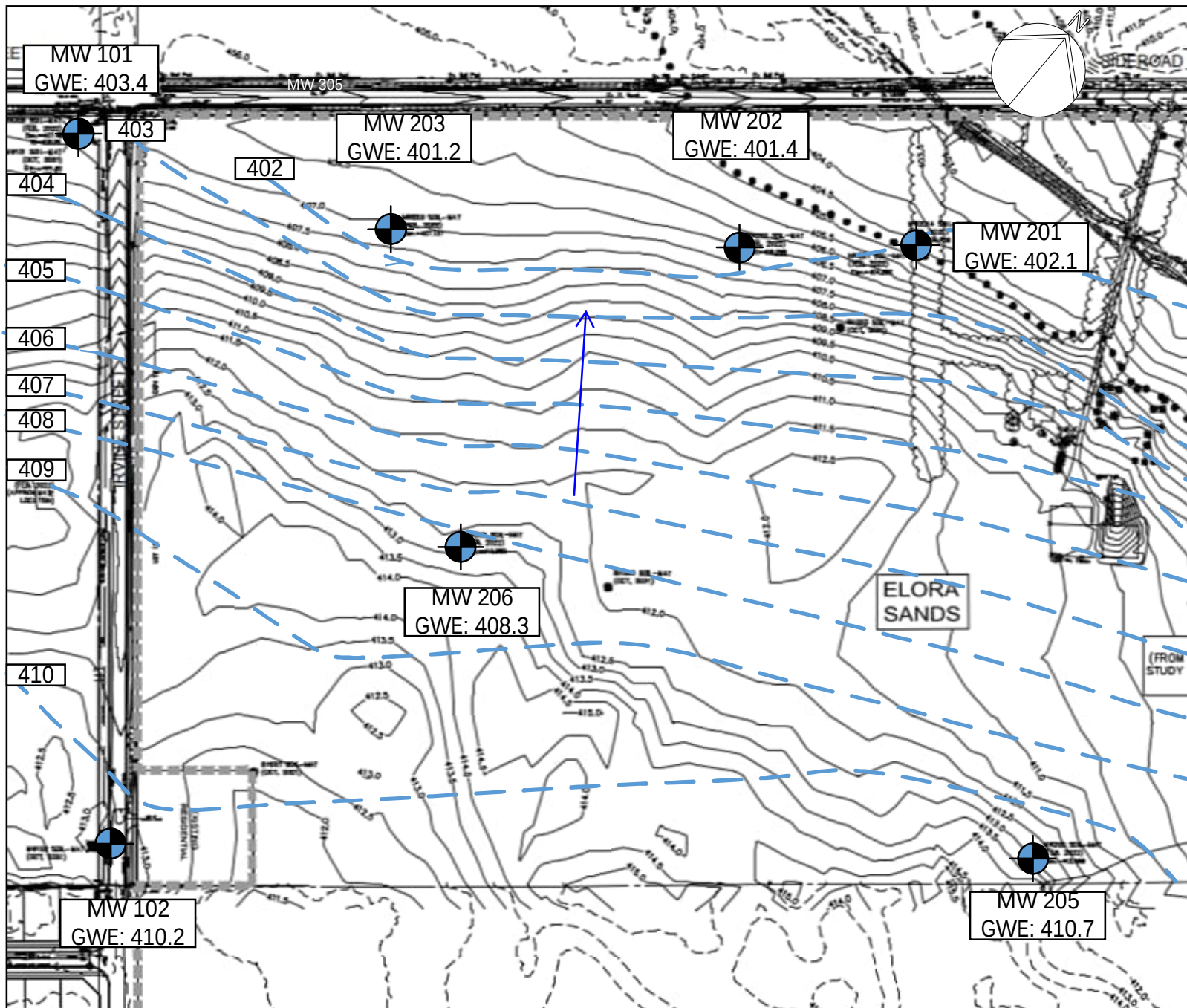
SM 241154-G Groundwater Contour Map

Drawing No. 2



|                                                                                                                  |                                          |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| LEGEND                                                                                                           |                                          |
|                               | Soil-Mat Monitoring Well Location<br>MW# |
| NOTES                                                                                                            |                                          |
| 1. This drawing should be read in conjunction with Soil-Mat Engineers & Consultants Ltd. Report No. SM 241154-G. |                                          |
| 2. Drawing Ref: Existing Conditions Plan, MTE, Drawing No. EC2.1, dated January 29, 2025                         |                                          |
| 3. Borehole locations are approximate.                                                                           |                                          |
| <b>SOIL-MAT</b>                                                                                                  |                                          |
| ENGINEERS & CONSULTANTS LTD.                                                                                     |                                          |
| Hydrogeological Considerations<br>Clayton Lands<br>Elora, Ontario                                                |                                          |
| Groundwater Contour Map                                                                                          |                                          |
| Project No. SM 241154-G                                                                                          |                                          |
| Date: September 2025                                                                                             |                                          |
| Drawn: KJR                                                                                                       | Checked: IS                              |
| SM 241154-G Groundwater Contour Map                                                                              |                                          |
| Drawing No. 3A                                                                                                   |                                          |

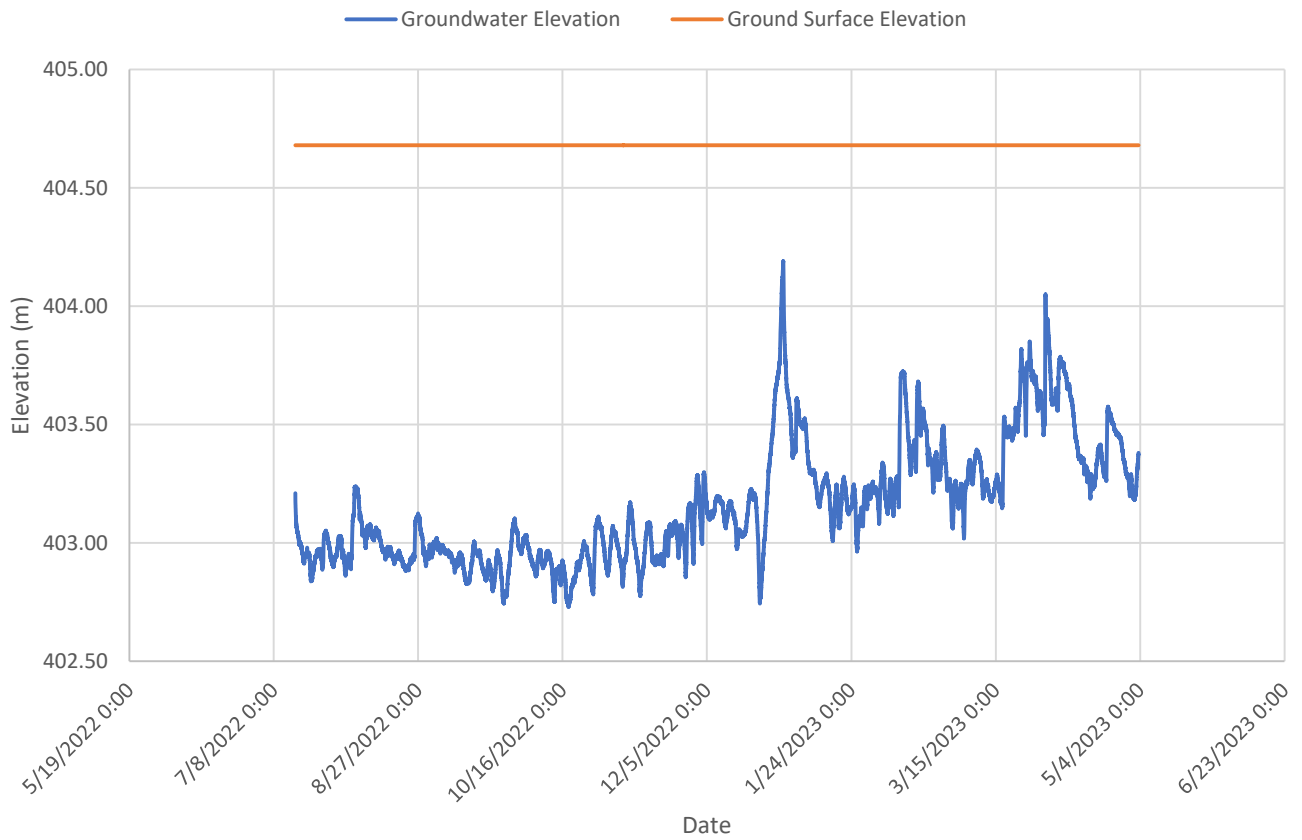




|                                                                                                                                                                                                                                                                        |             |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>LEGEND</b><br> Soil-Mat Monitoring Well Location<br>MW#                                                                                                                          |             |
| <b>NOTES</b><br>1. This drawing should be read in conjunction with Soil-Mat Engineers & Consultants Ltd. Report No. SM 241154-G.<br>2. Drawing Ref: Existing Conditions Plan, MTE, Drawing No. EC2.1, dated January 29, 2025<br>3. Borehole locations are approximate. |             |
| <b>SOIL-MAT</b><br>ENGINEERS & CONSULTANTS LTD.                                                                                                                                                                                                                        |             |
| Hydrogeological Considerations<br>Clayton Lands<br>Elora, Ontario                                                                                                                                                                                                      |             |
| Groundwater Contour Map                                                                                                                                                                                                                                                |             |
| Project No. SM 241154-G                                                                                                                                                                                                                                                |             |
| Date: September 2025                                                                                                                                                                                                                                                   |             |
| Drawn: KJR                                                                                                                                                                                                                                                             | Checked: IS |
| SM 241154-G Groundwater Contour Map                                                                                                                                                                                                                                    |             |
| Drawing No. 3B                                                                                                                                                                                                                                                         |             |



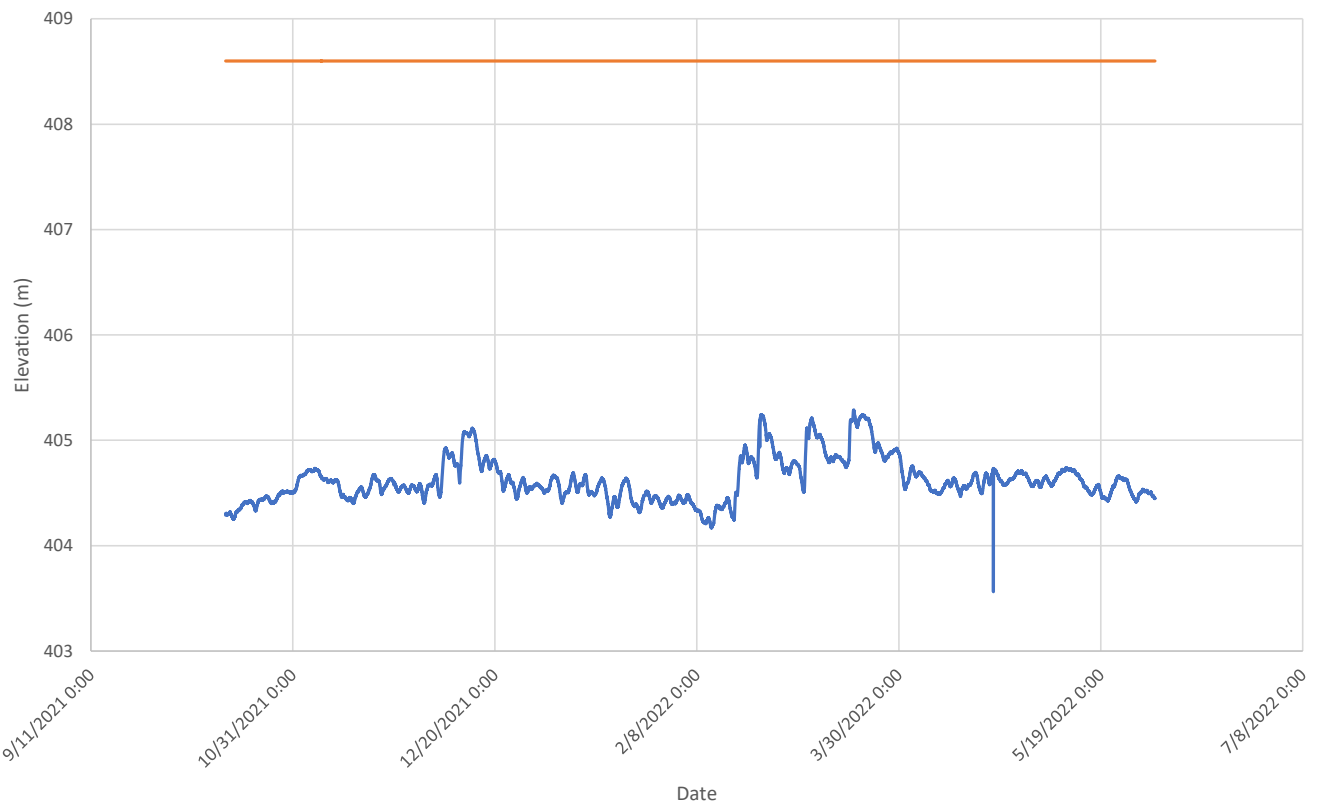
# MW 004 Groundwater Elevation July 2022 to May 2023



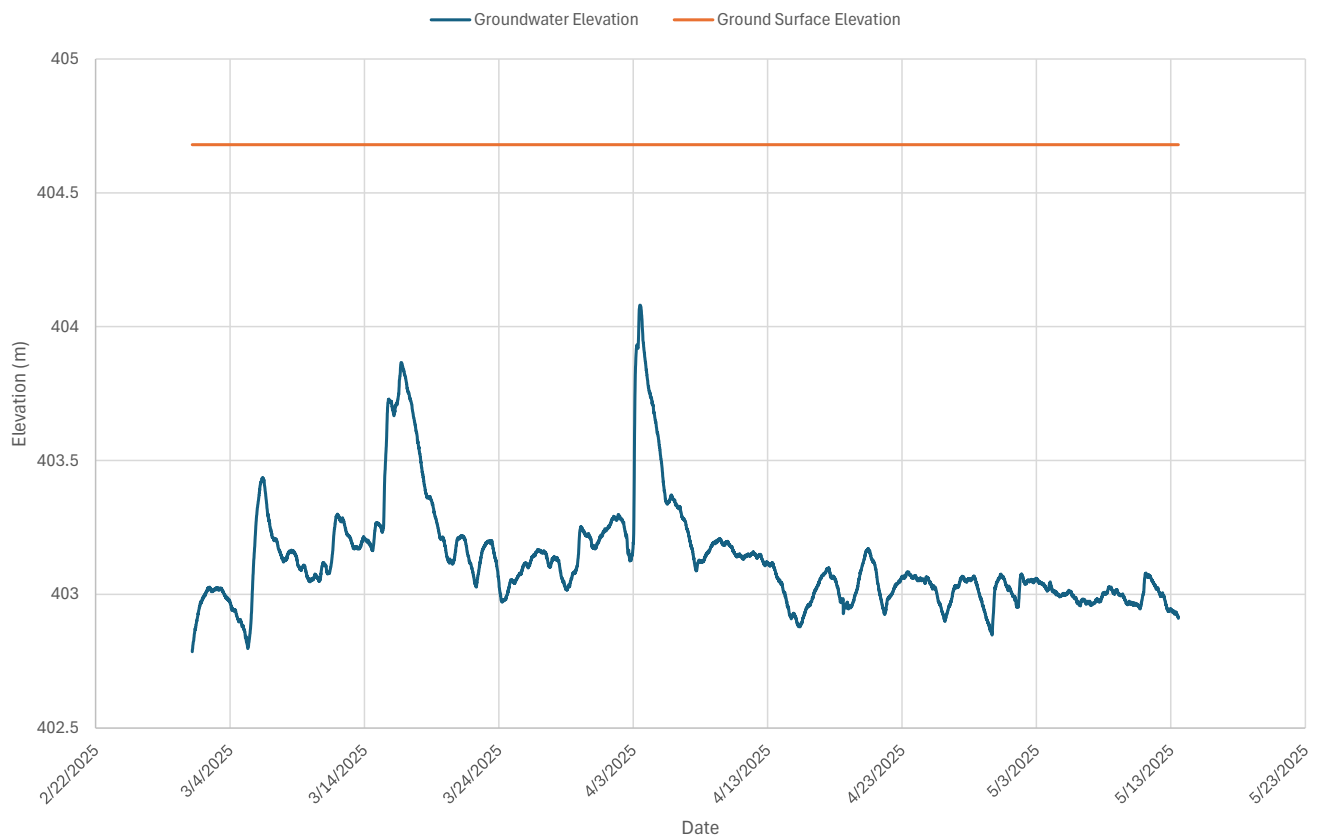


MW 101 (Elevation of 408.60 metres)  
October 2021 to June 2022

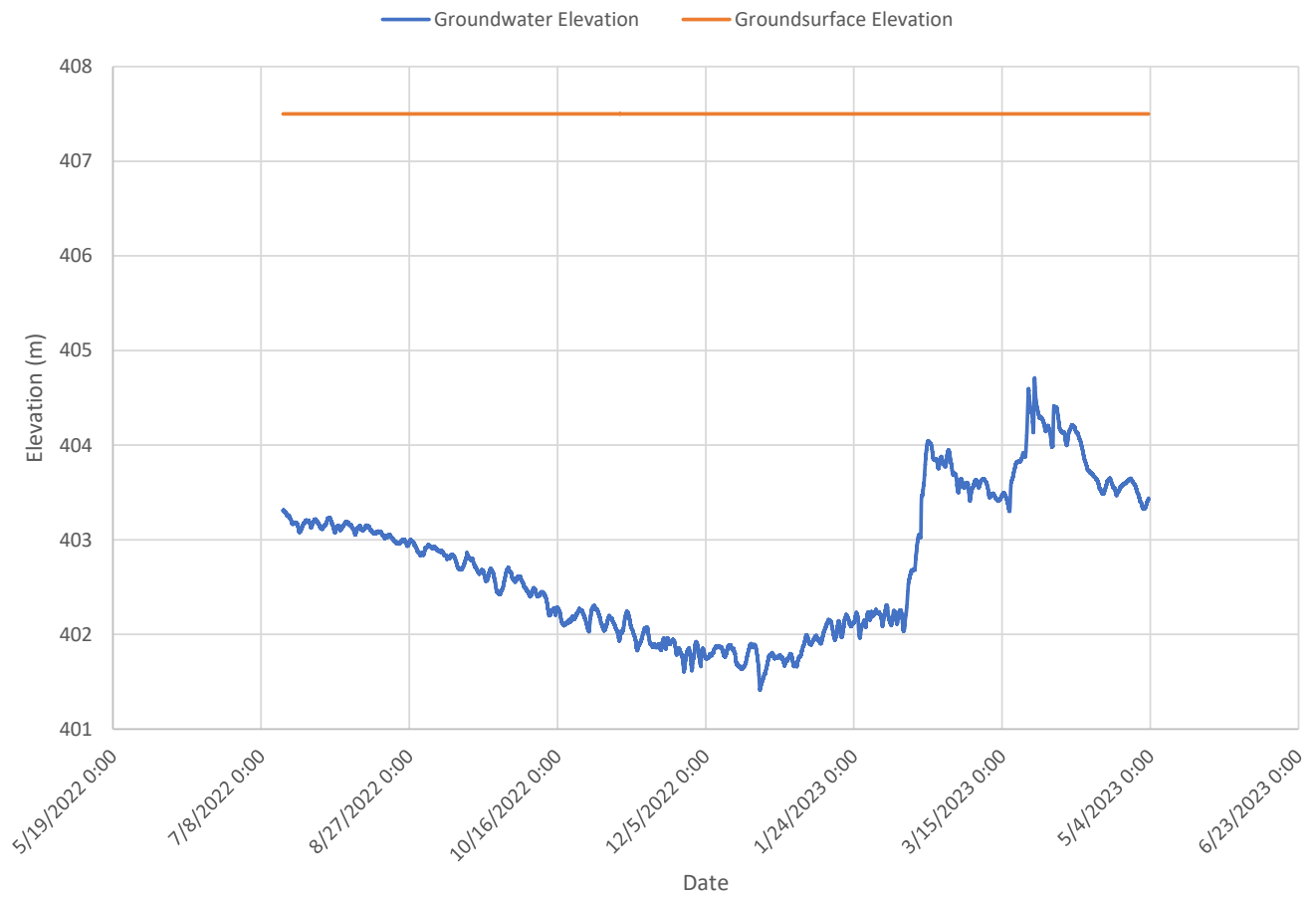
Groundwater Elevation    Ground Surface Elevation



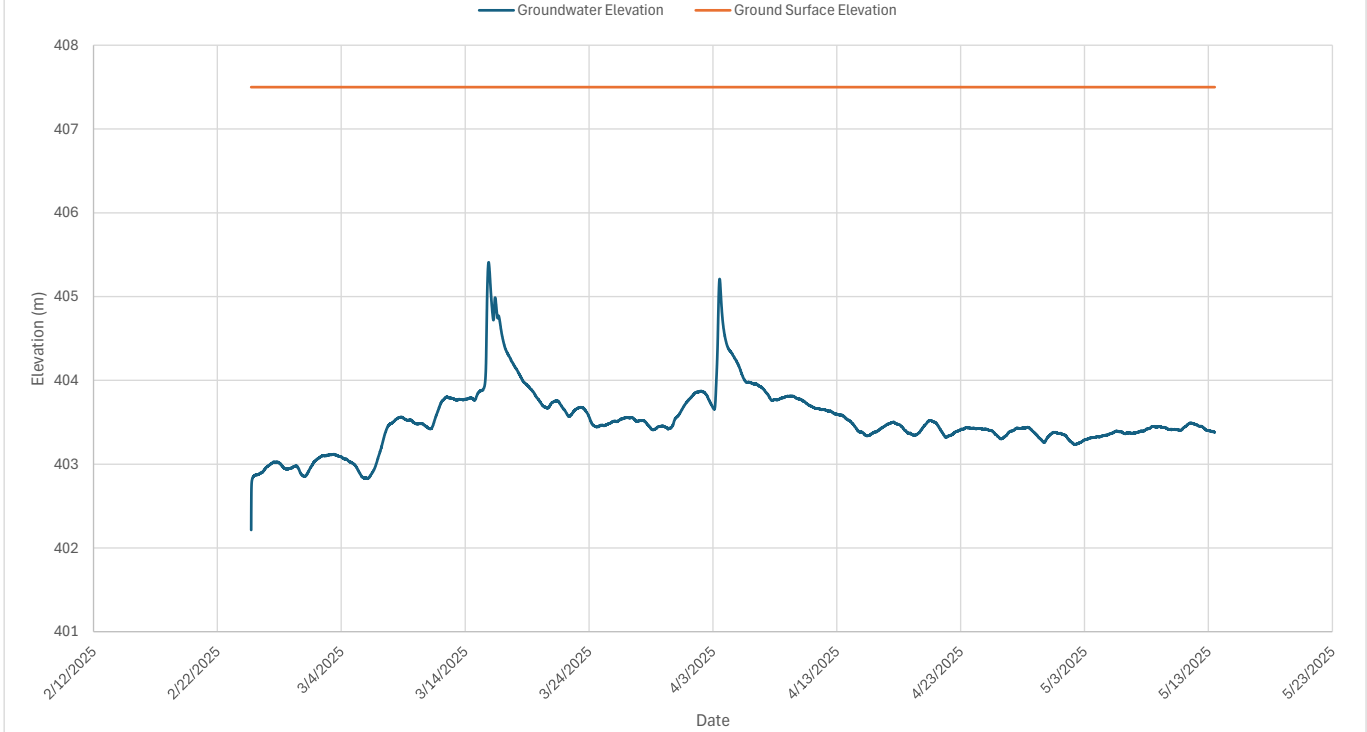
### MW 004 Groundwater Elevation March 2025 to May 2025



# MW 101 Groundwater Elevation July 2022 to May 2023

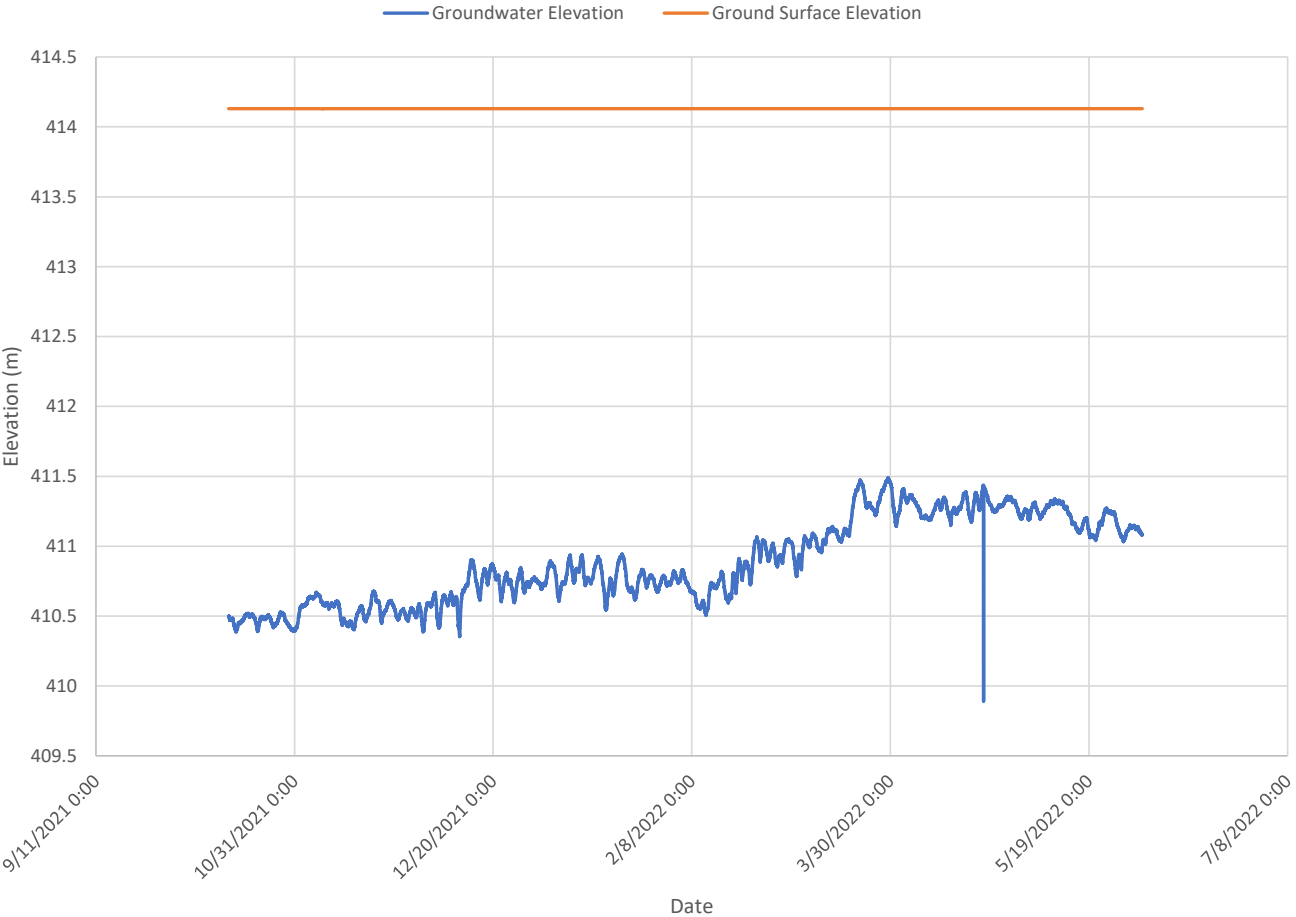


MW101 Groundwater Elevation  
March 2025 to May 2025

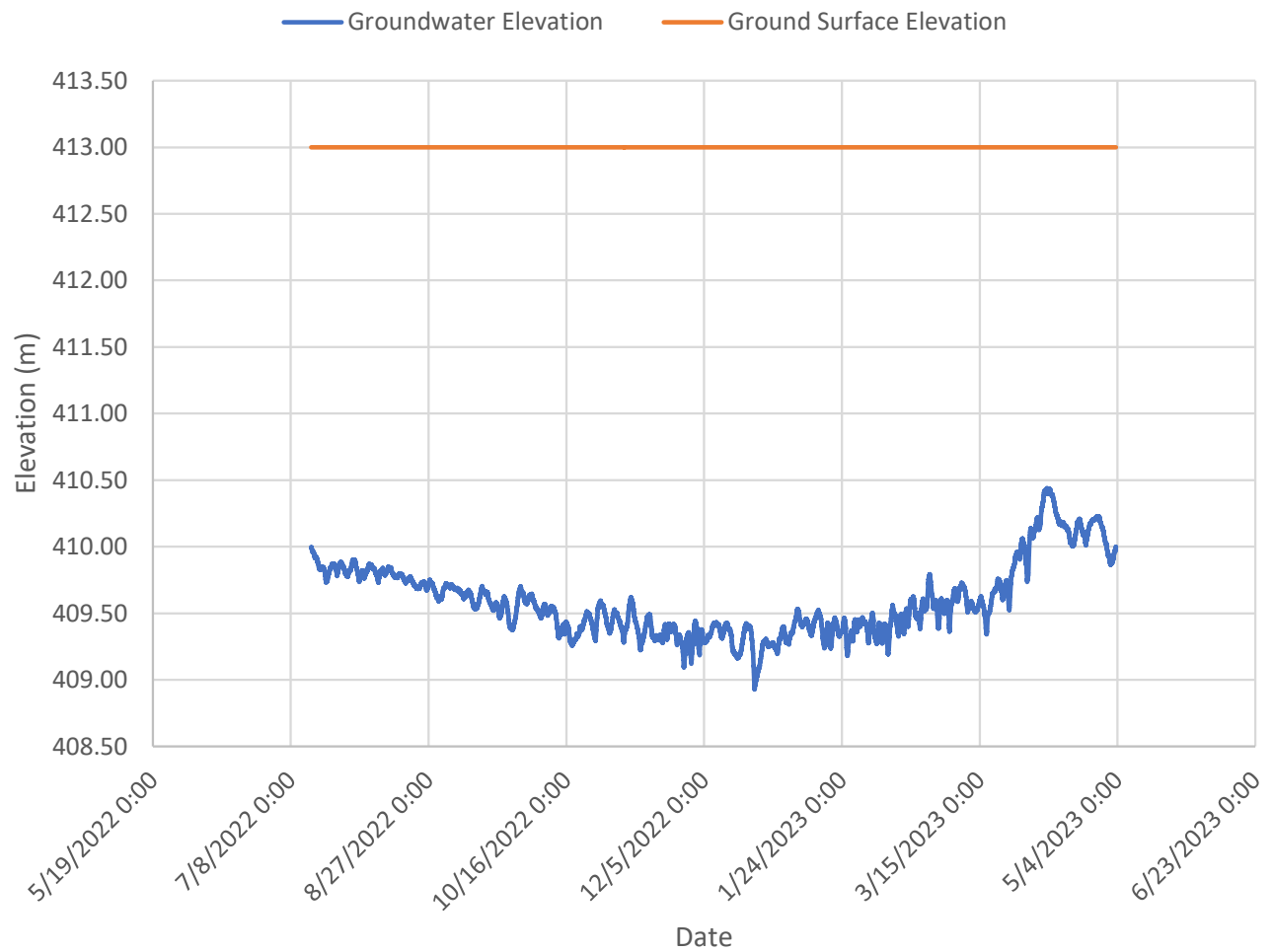




MW 102 (Elevation of 414.13 metres)  
October 2021 to June 2022

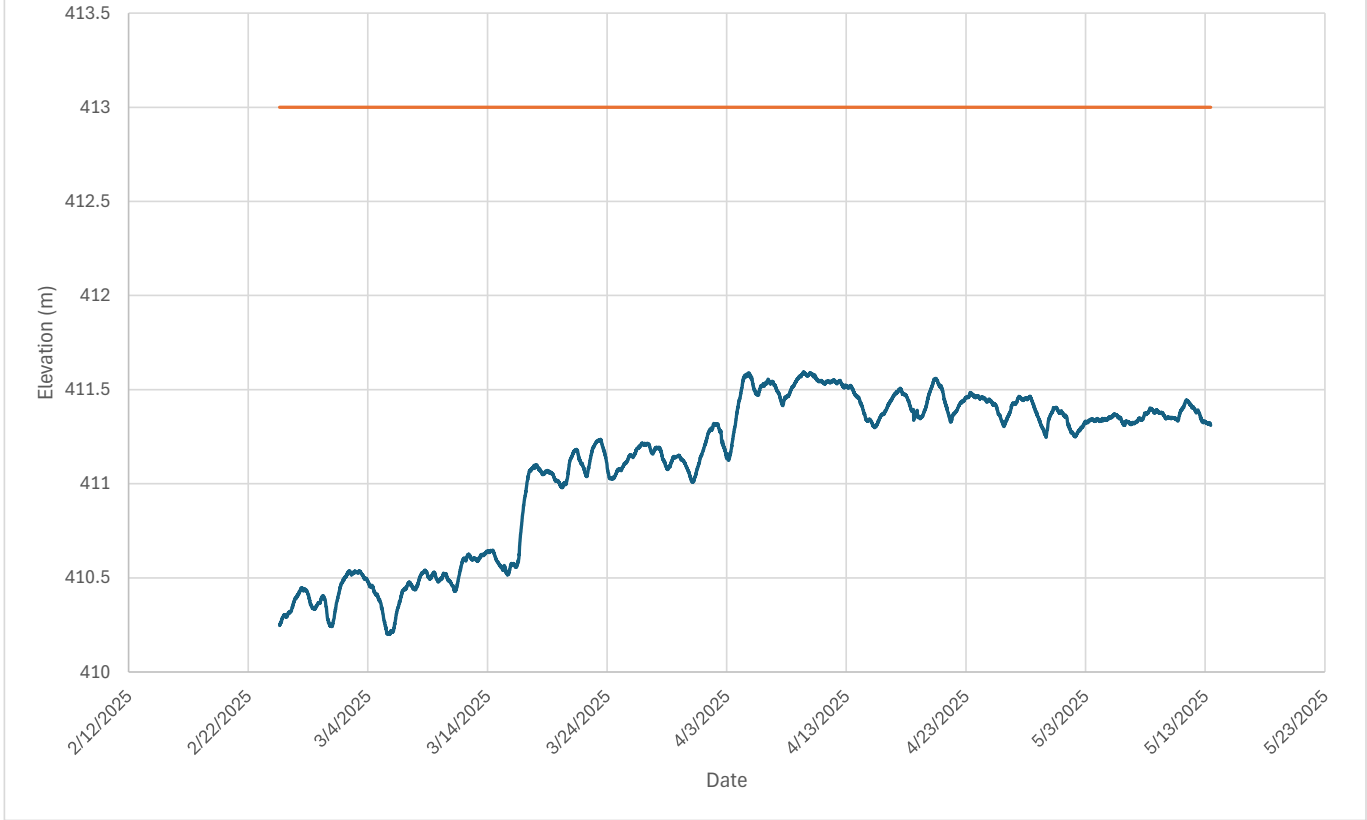


## MW 102 Groundwater Elevation July 2022 to May 2023

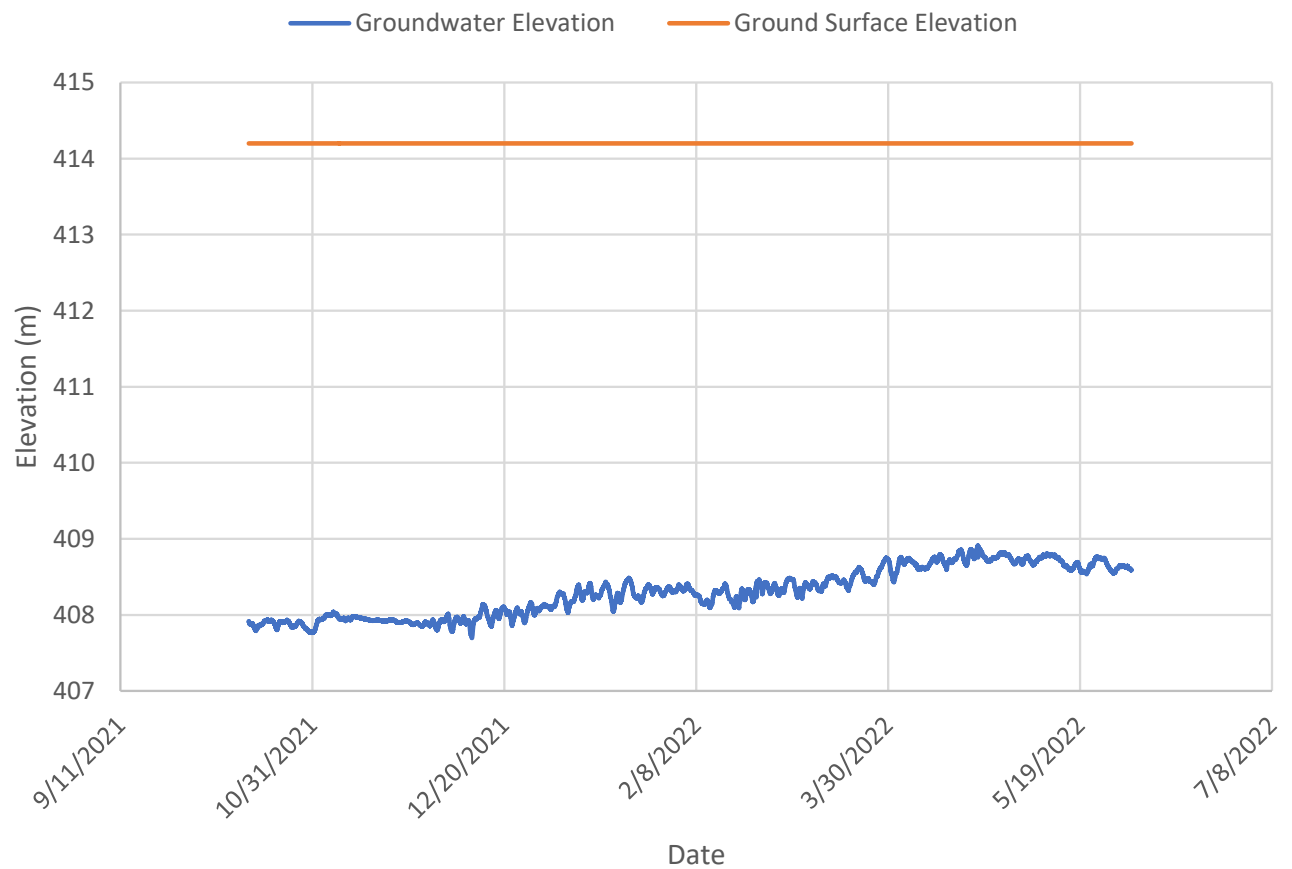


MW102 Groundwater Elevation  
March 2025 to May 2025

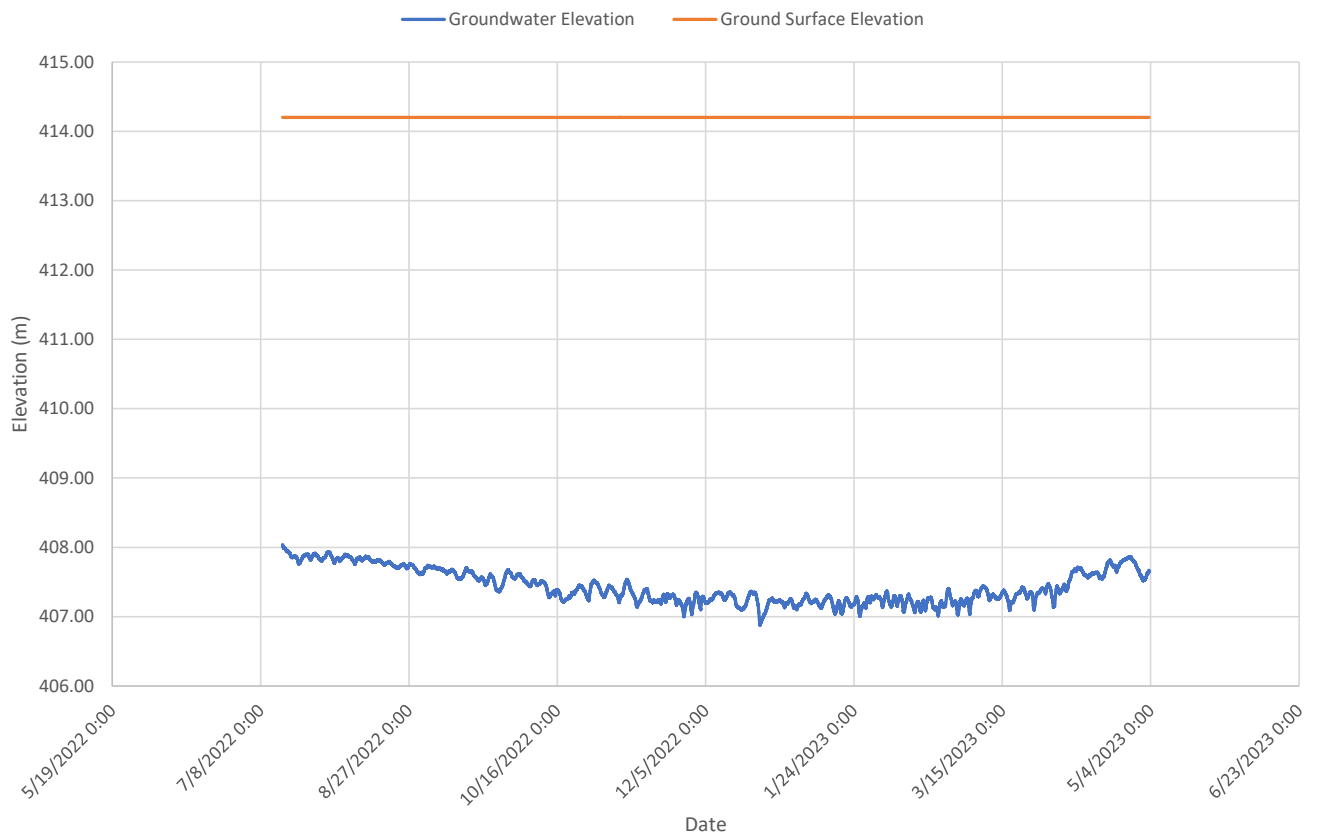
Groundwater Elevation      Ground Surface Elevation



MW104 (Elevation of 414.20 metres)  
October 2021 to June 2022

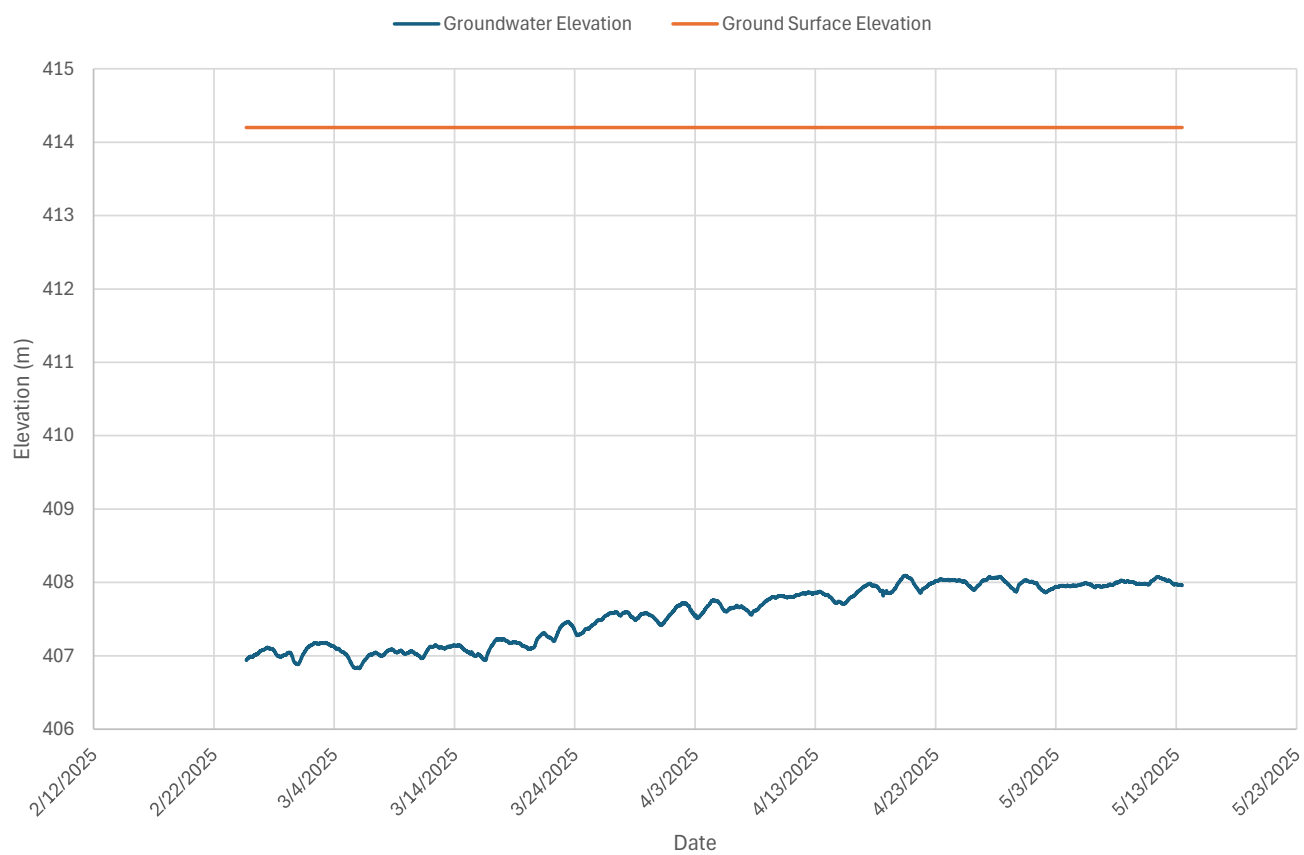


# MW 104 Groundwater Elevation July 2022 to May 2023

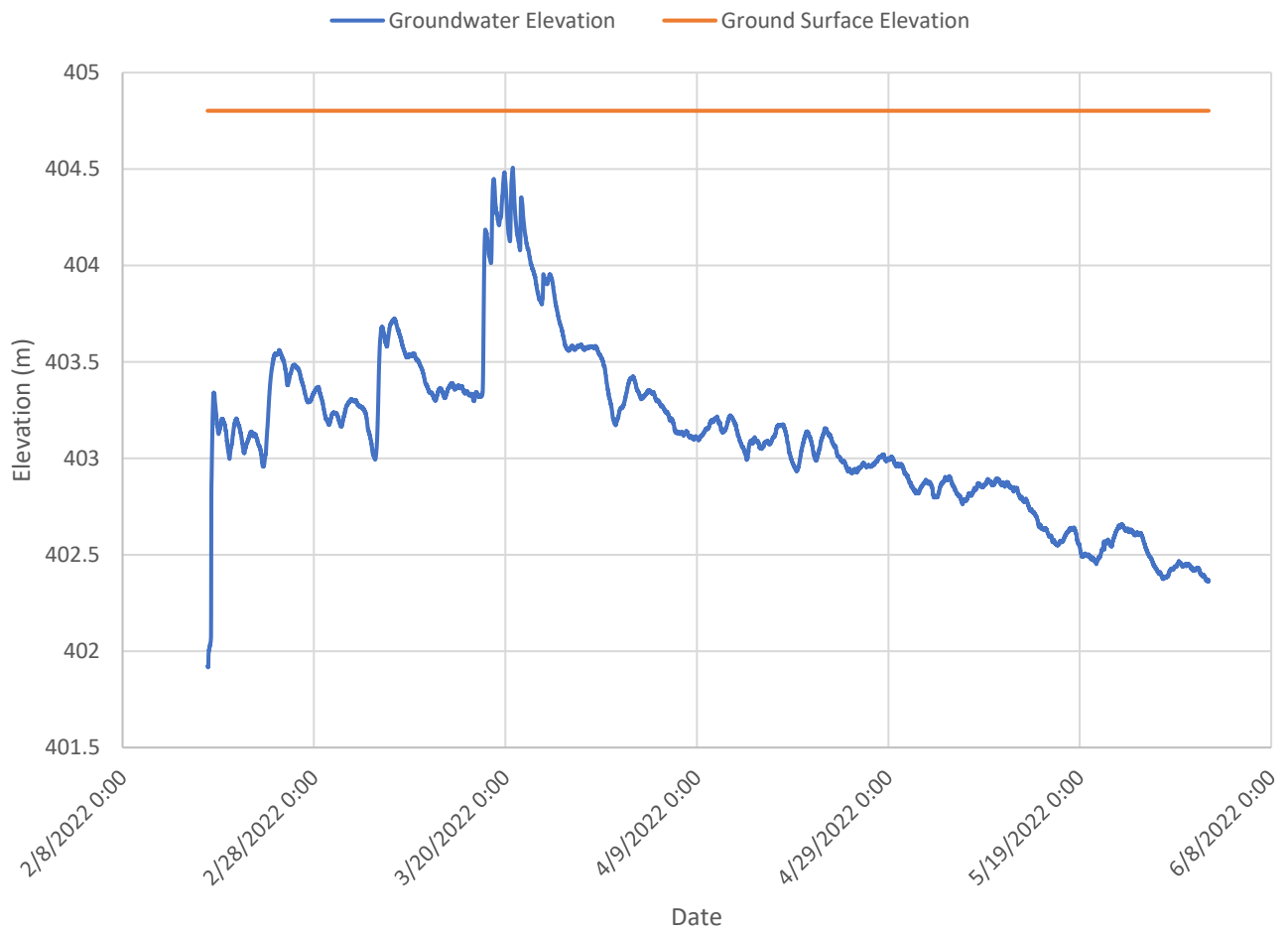




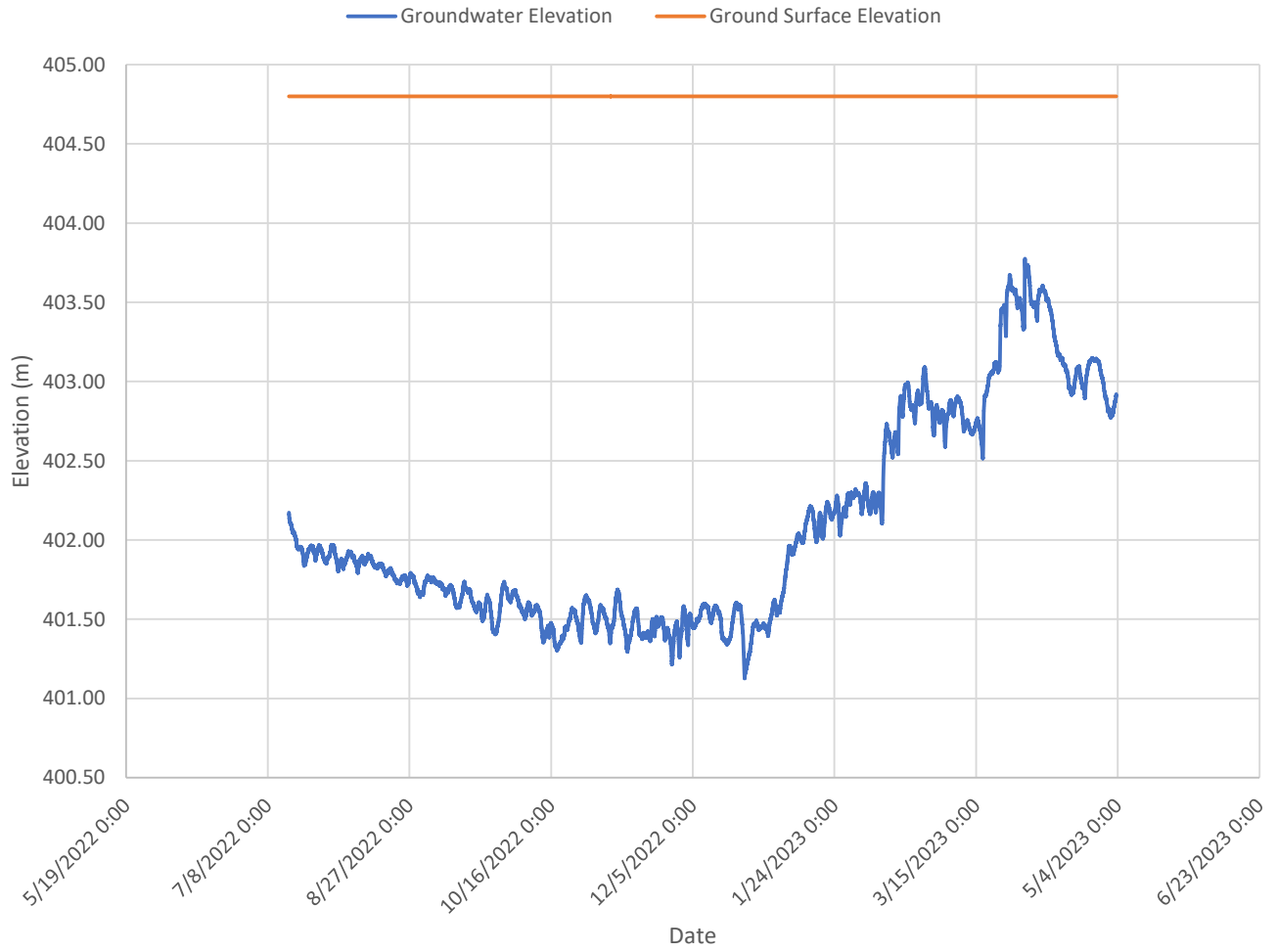
### MW104 Groundwater Elevation March 2025 to May 2025



MW 201 (Elevation of 404.80 metres)  
February 2022 to June 2022



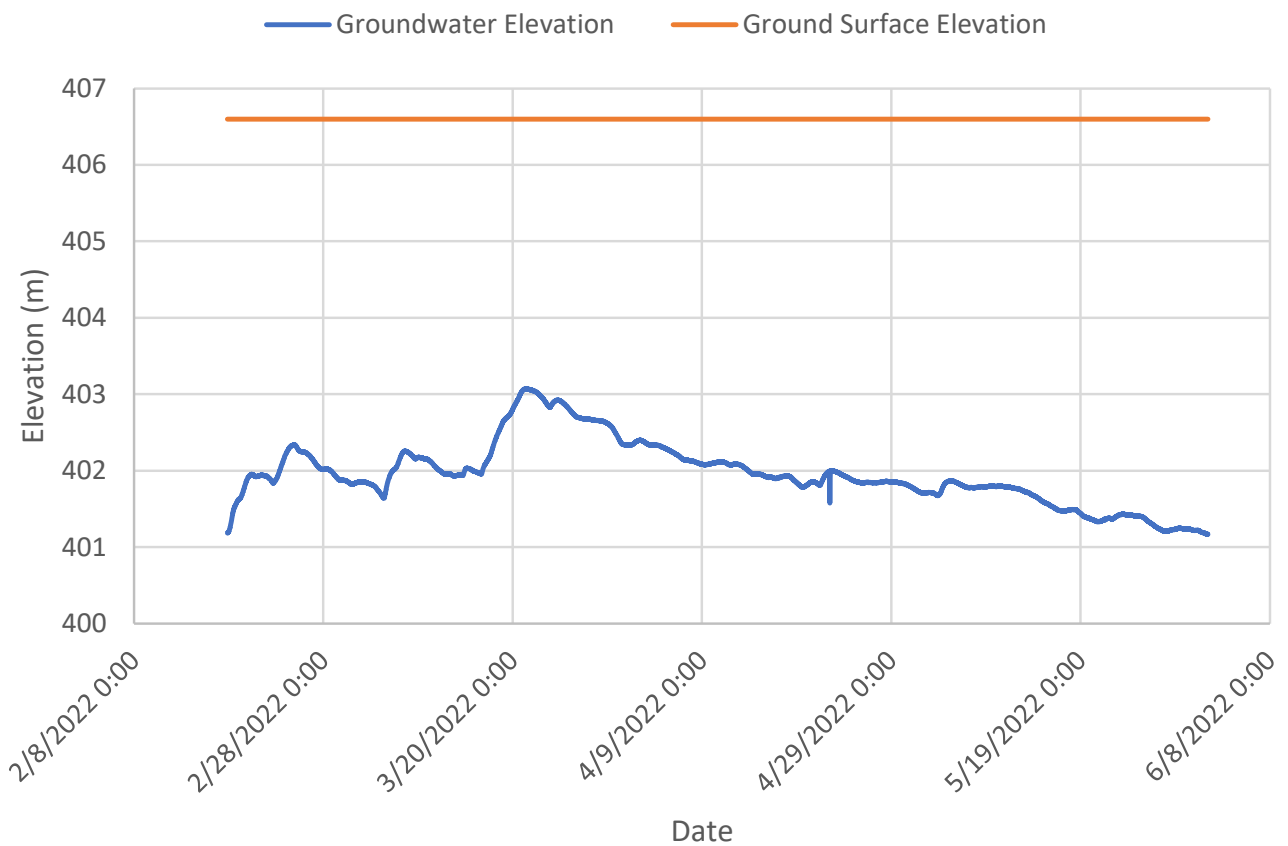
# MW 201 Groundwater Elevation July 2022 to May 2023



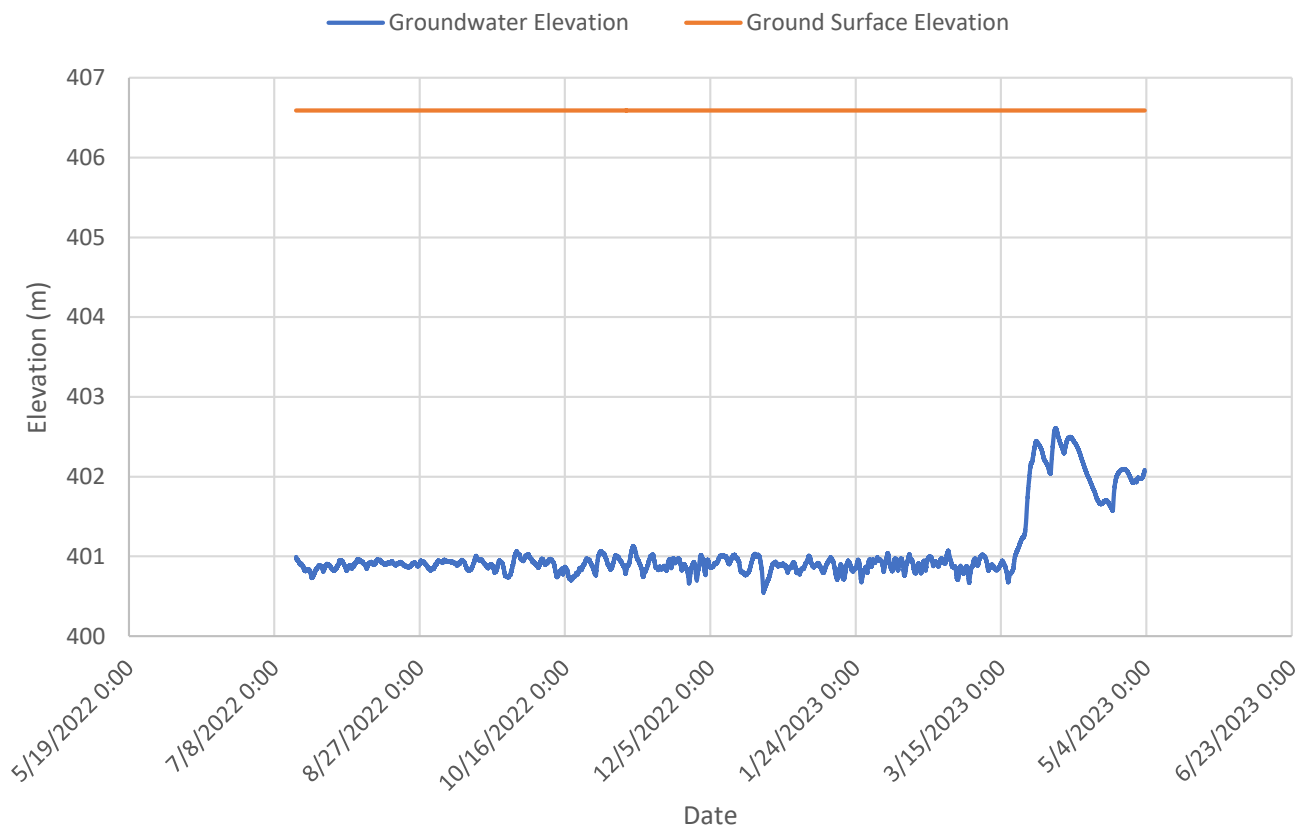
### MW201 Groundwater Elevation March 2025 to May 2025



# MW 202 (Elevation of 406.59 metres) February 2022 to June 2022

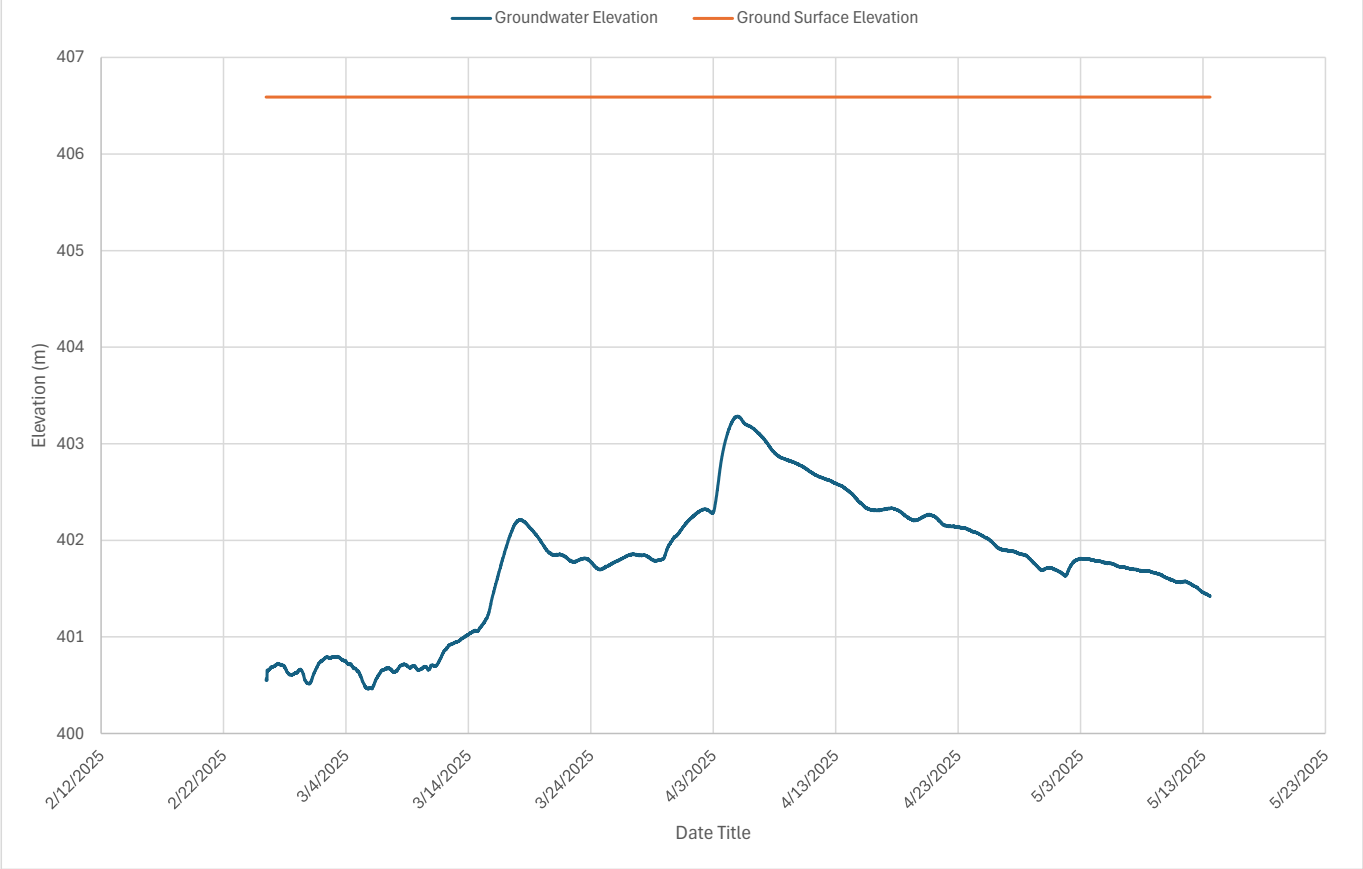


## MW 202 Groundwater Elevation July 2022 to May 2023

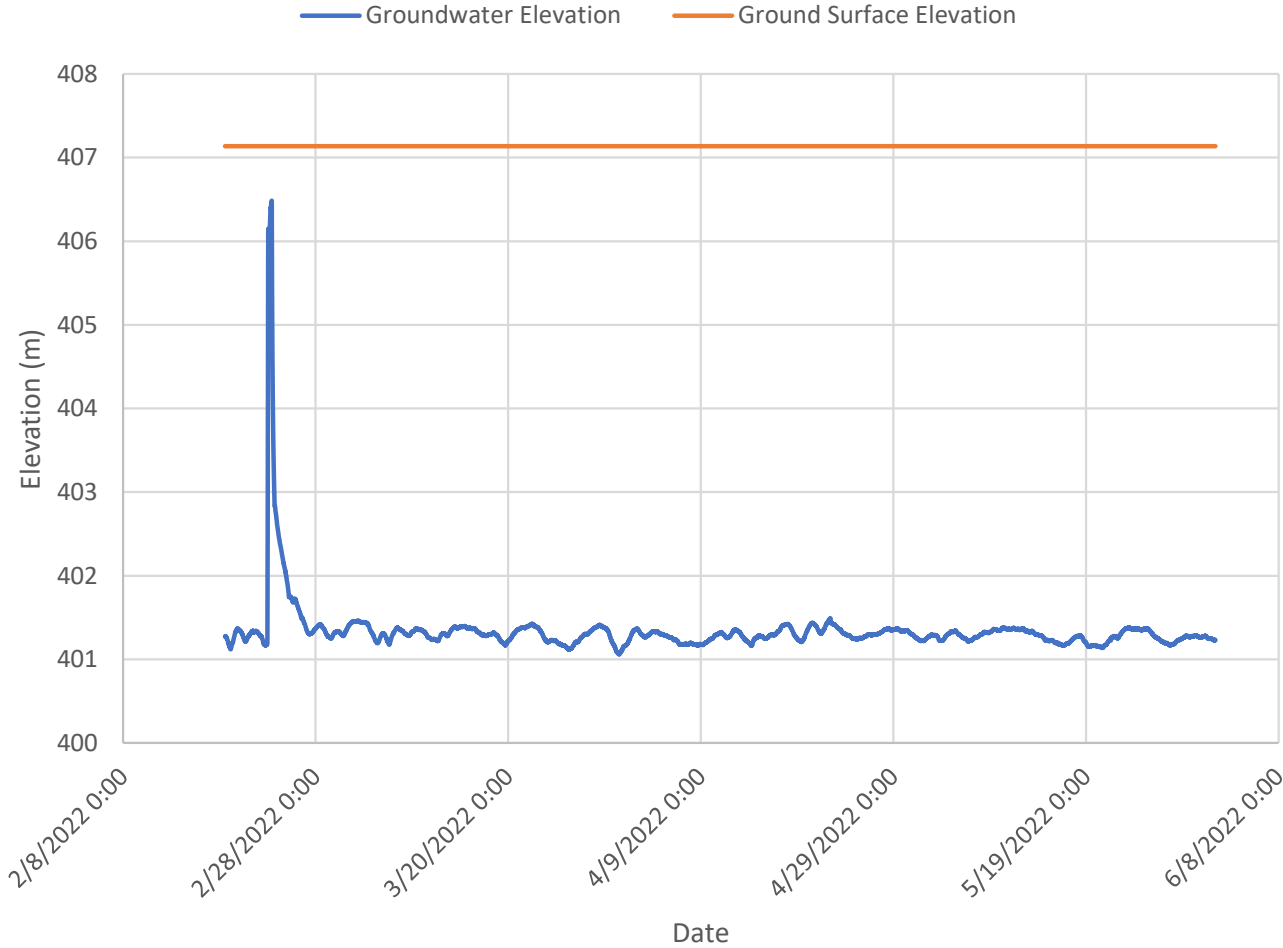




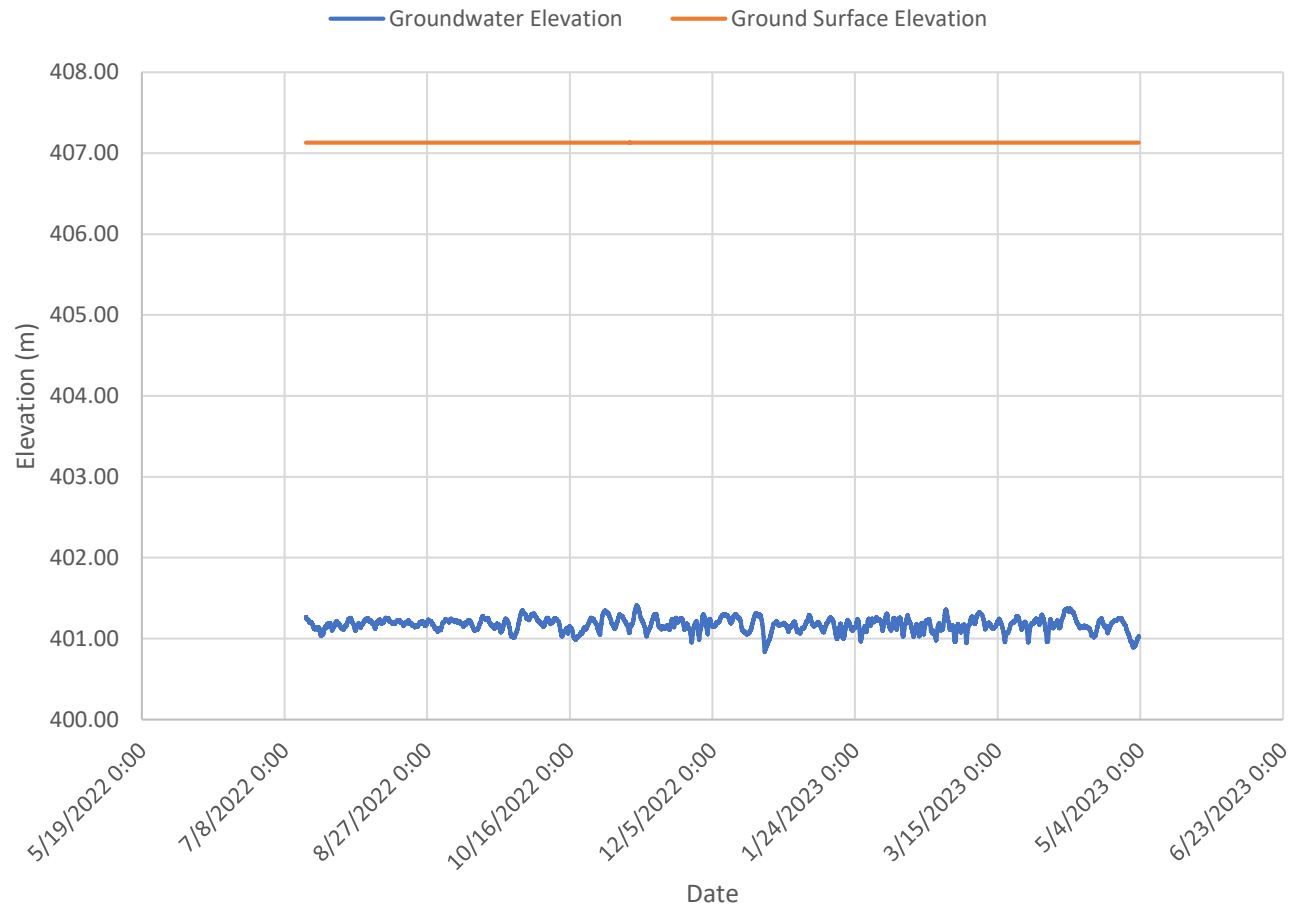
MW 202 Groundwater Elevation  
March 2025 to May 2025



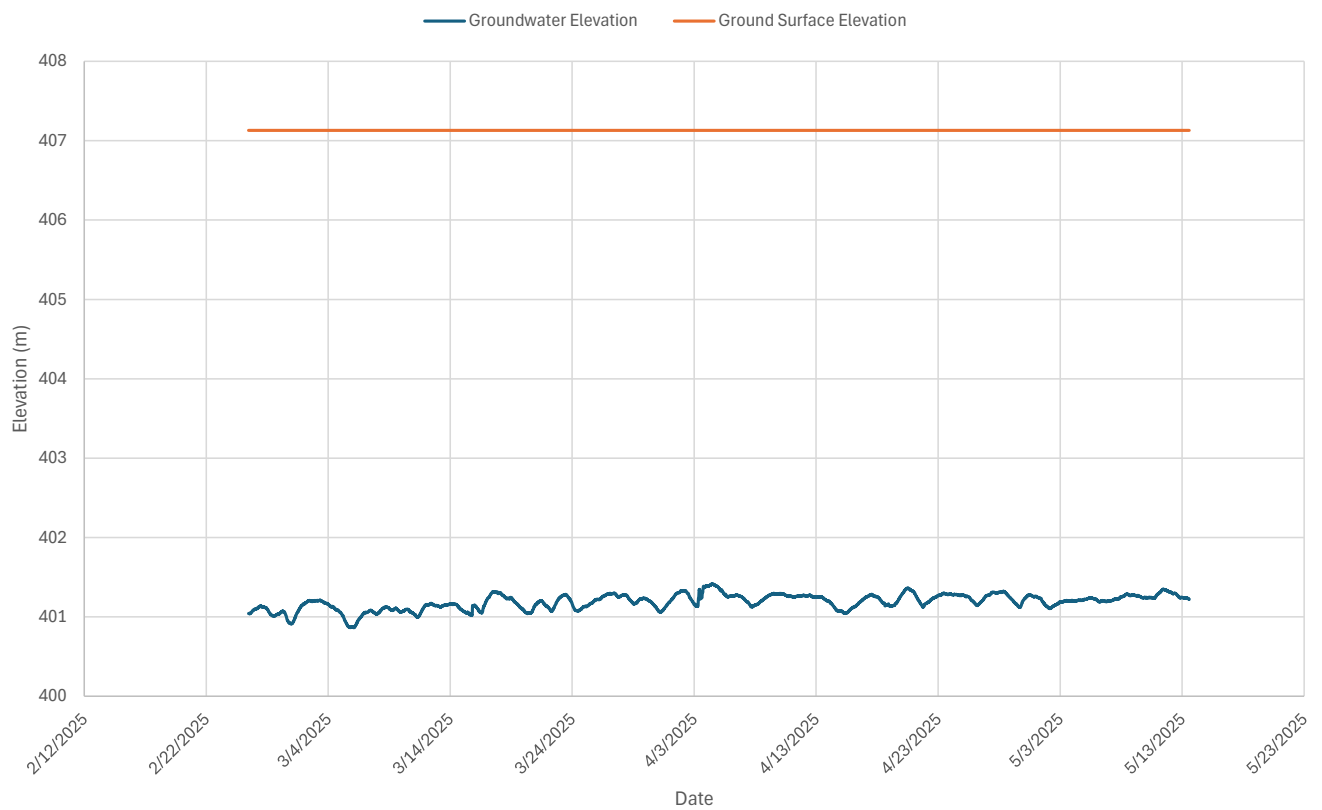
MW 203 (Elevation of 407.13 metres)  
February 2022 to June 2022



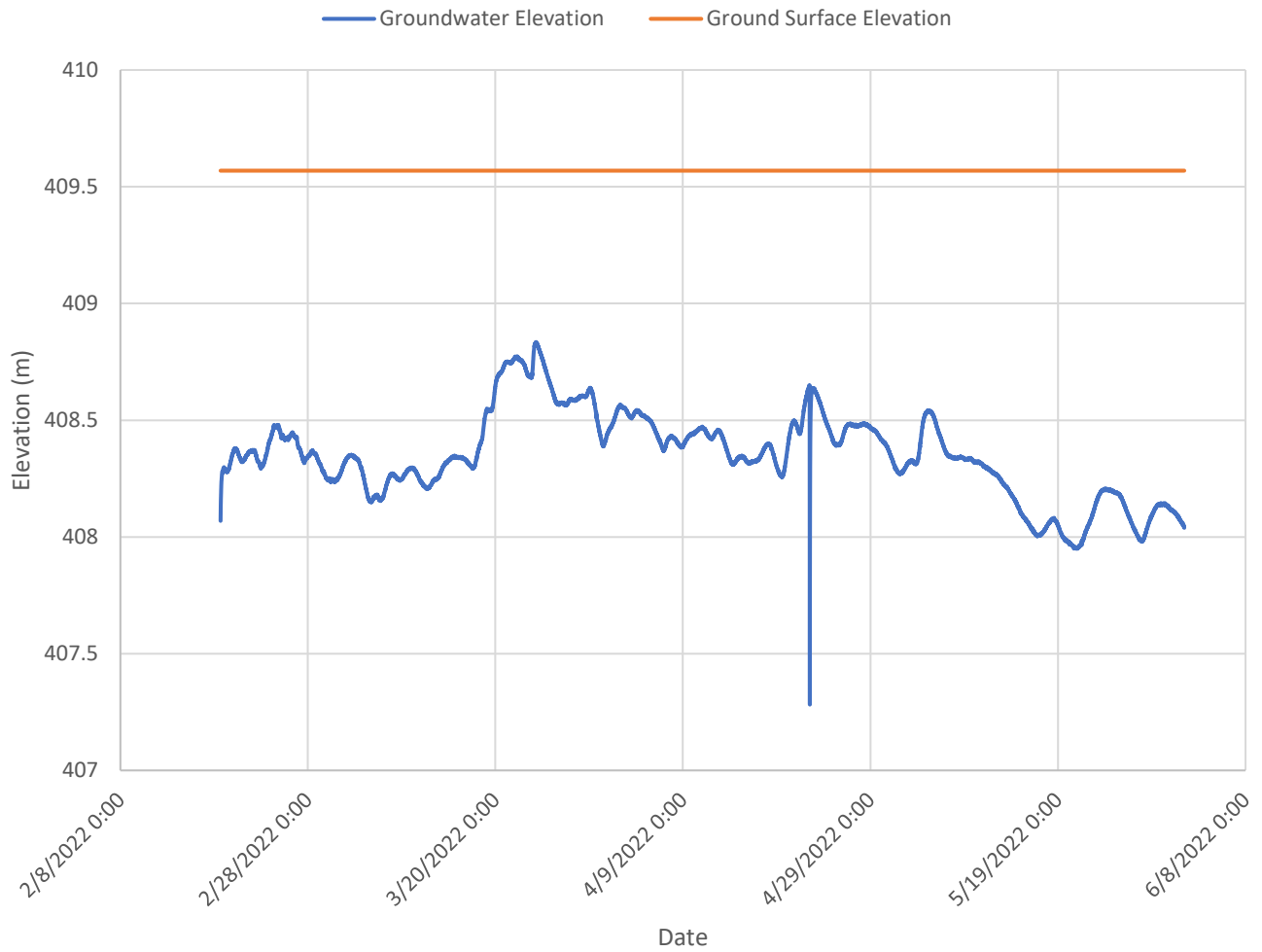
# MW 203 Groundwater Elevation July 2022 to May 2023



### MW203 Groundwater Elevation March 2025 to May 2025



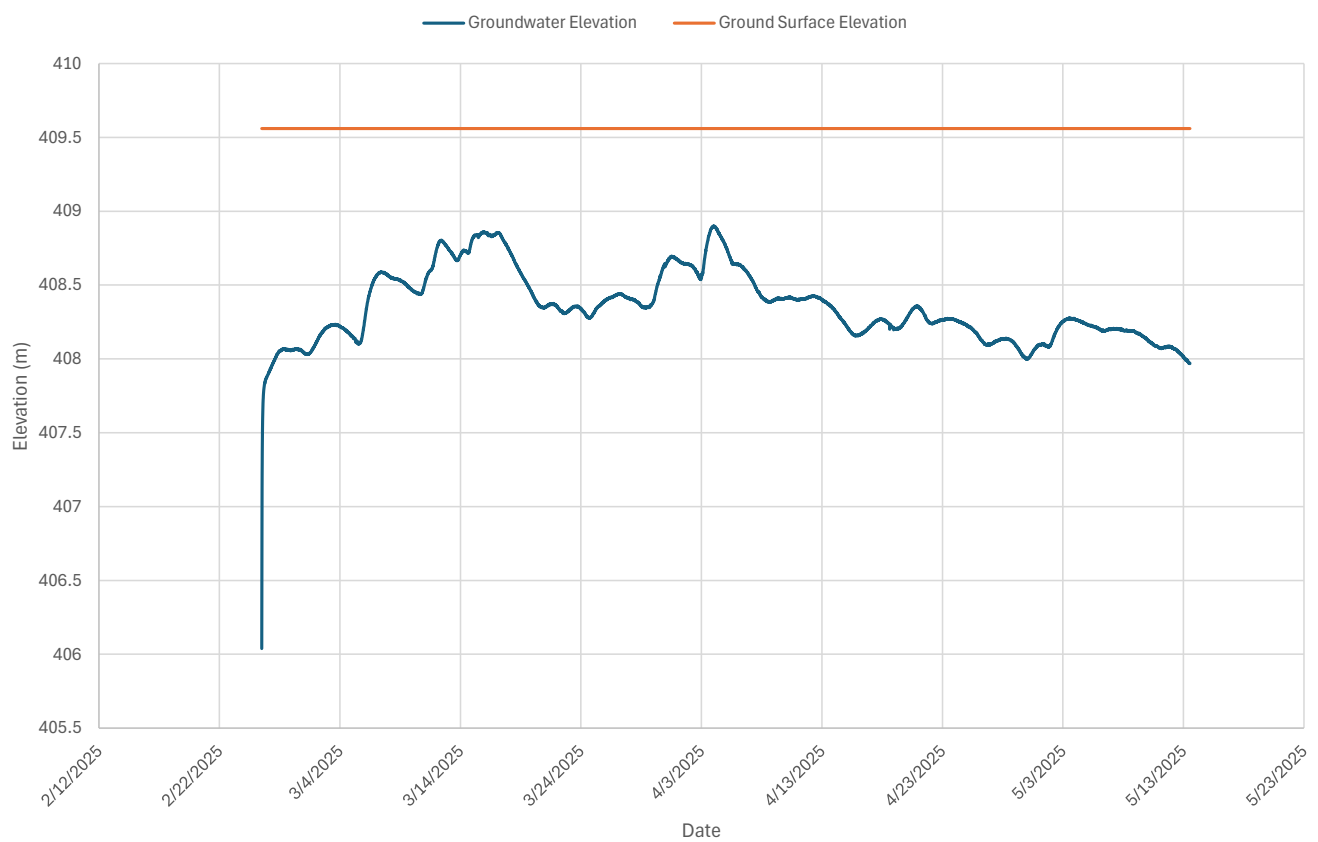
MW 204 (Elevation of 409.57 metres)  
February 2022 to June 2022



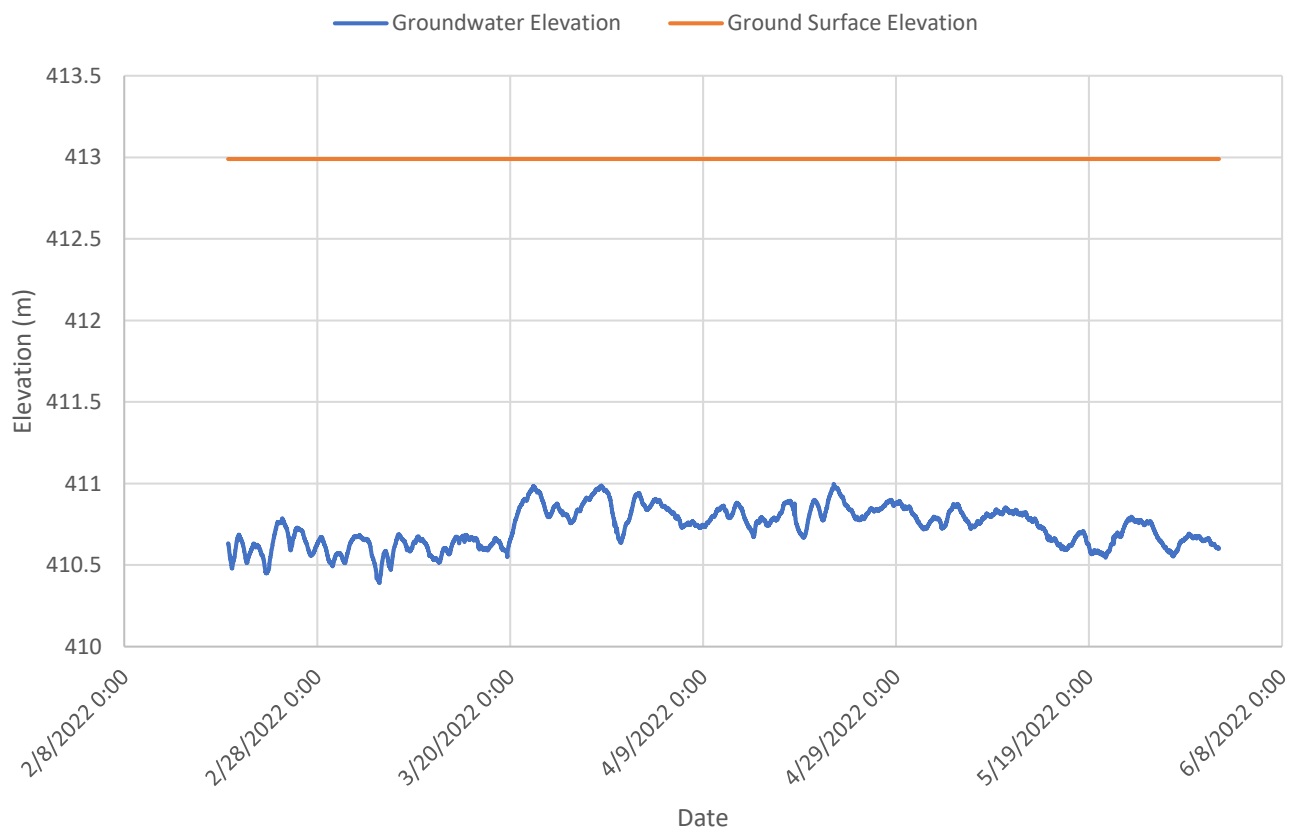
MW 204 Groundwater Elevation  
July 2022 to May 2023



### MW 204 Groundwater Elevation March 2025 to May 2025

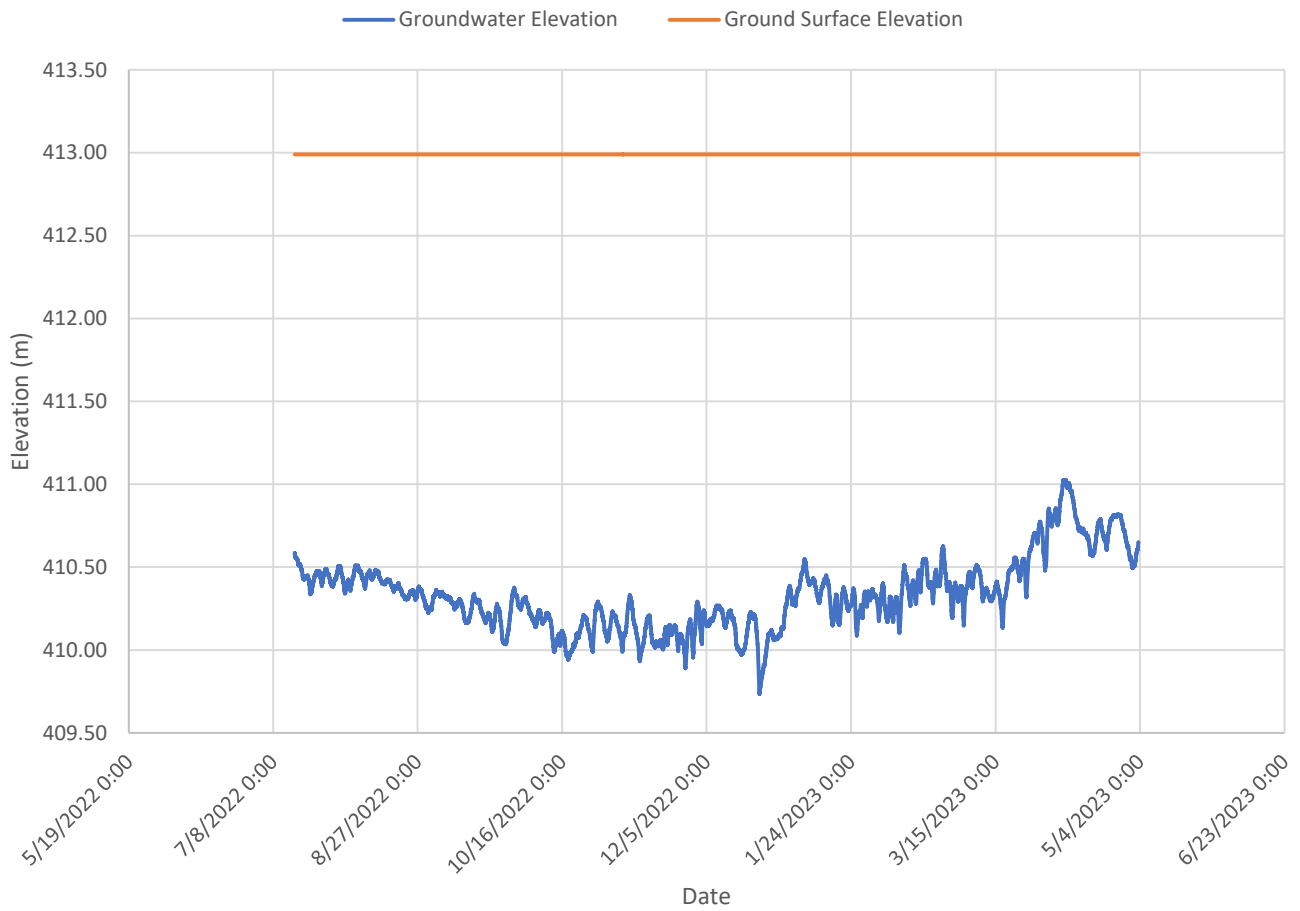


MW 205 (Elevation of 412.99 metres)  
February 2022 to June 2022



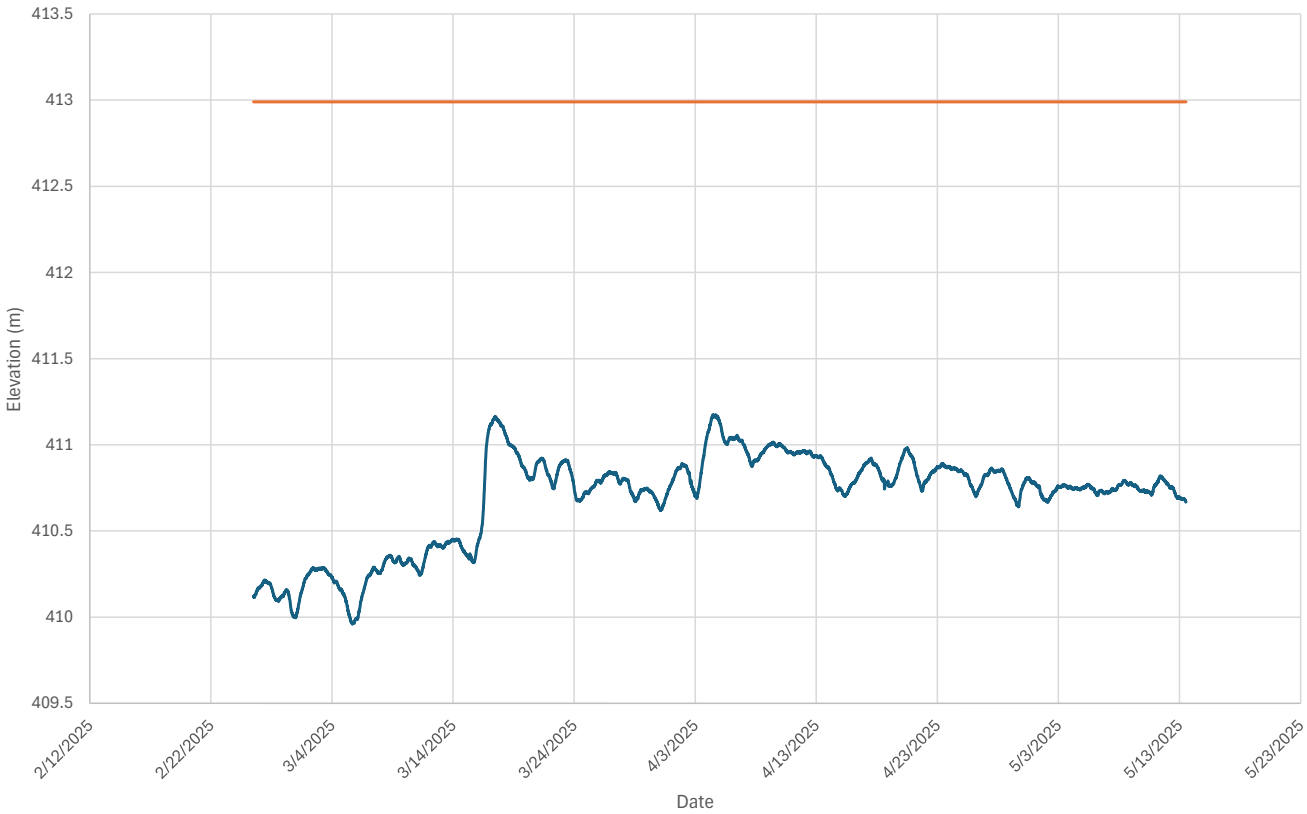


# MW 205 Groundwater Elevation July 2022 to May 2023

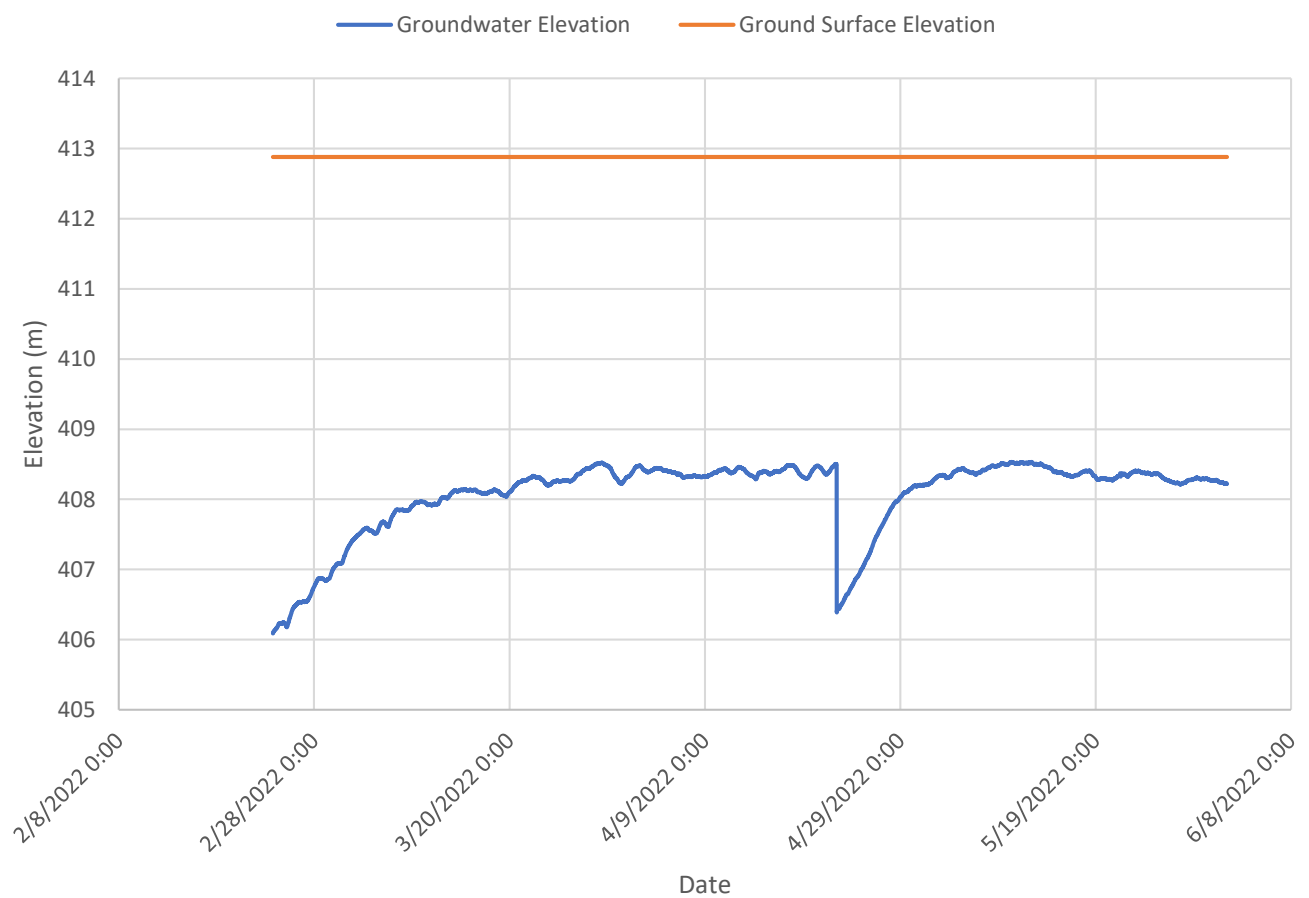


MW 205 Groundwater Elevation  
March 2025 to May 2025

Groundwater Elevation      Ground Surface Elevation

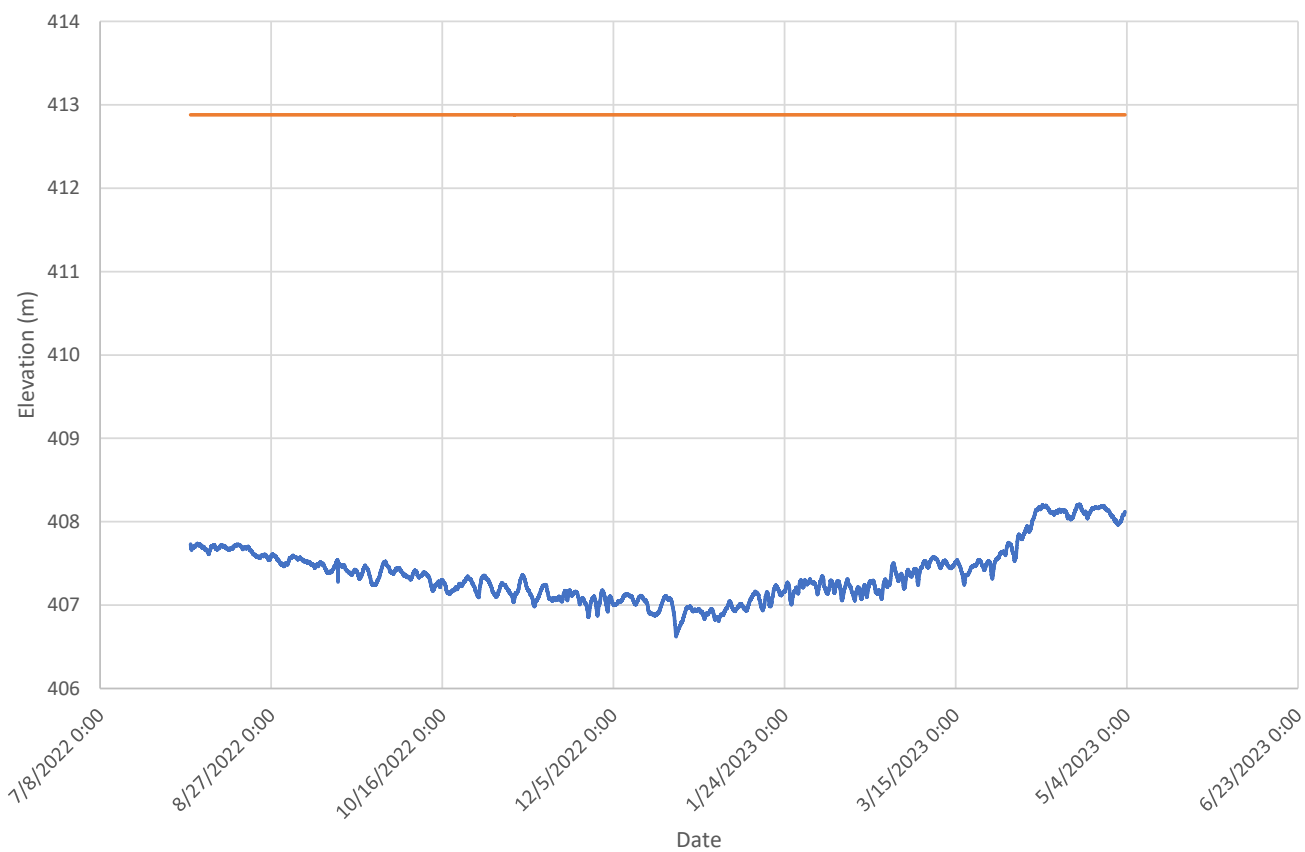


MW 206 (Elevation of 412.88 metres)  
February 2022 to June 2022

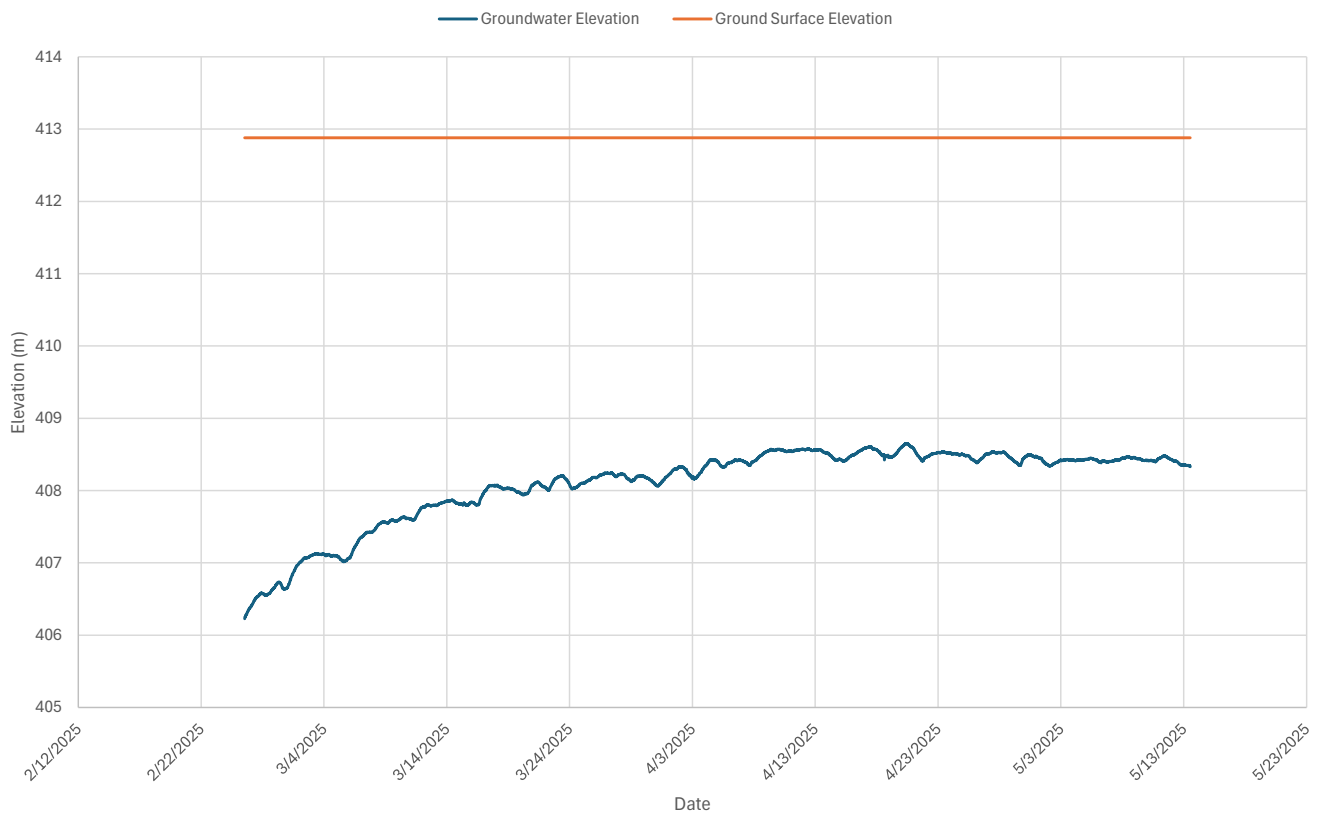


# MW 206 Groundwater Elevation July 2022 to May 2023

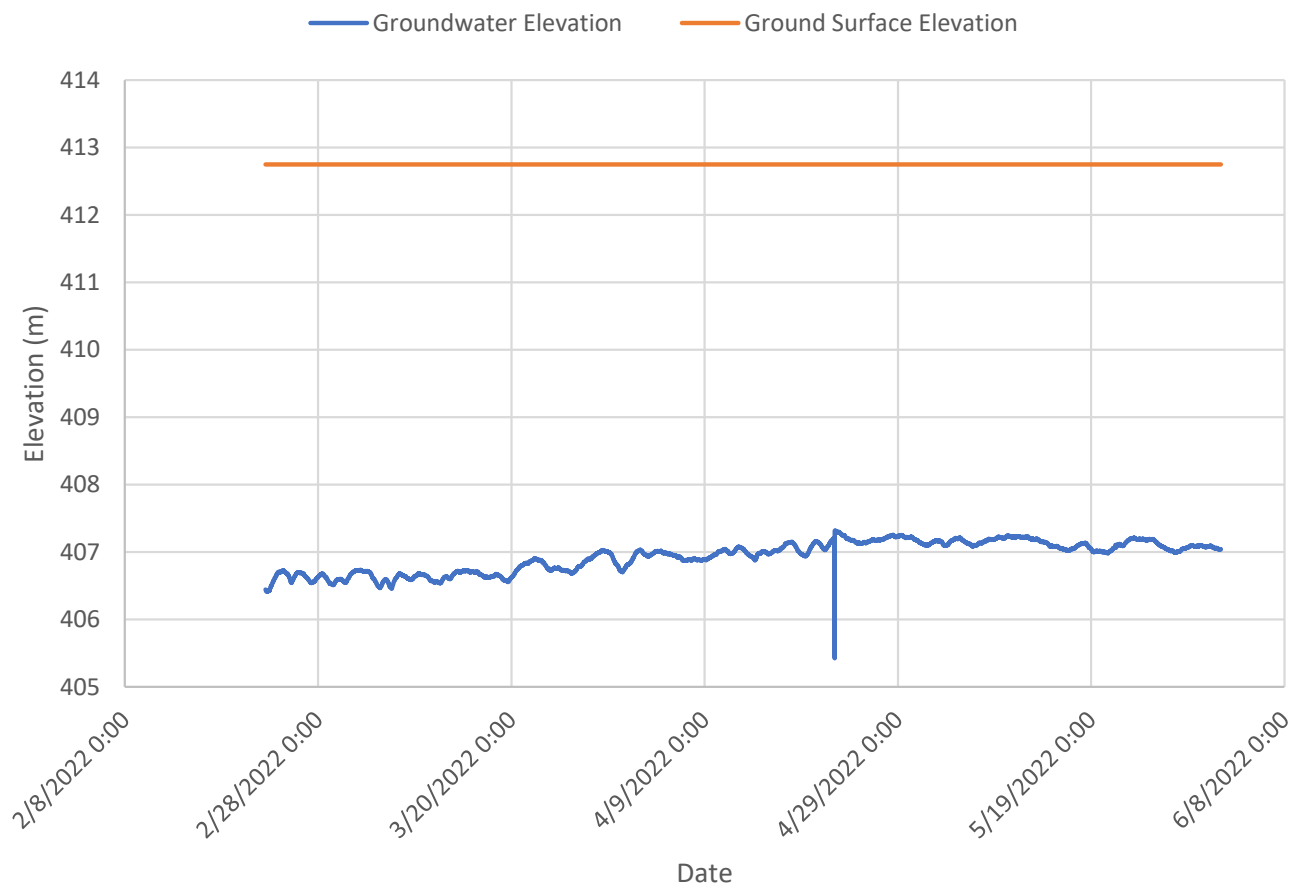
Groundwater Elevation      Ground Surface Elevation



### MW 206 Groundwater Elevation March 2025 to May 2025

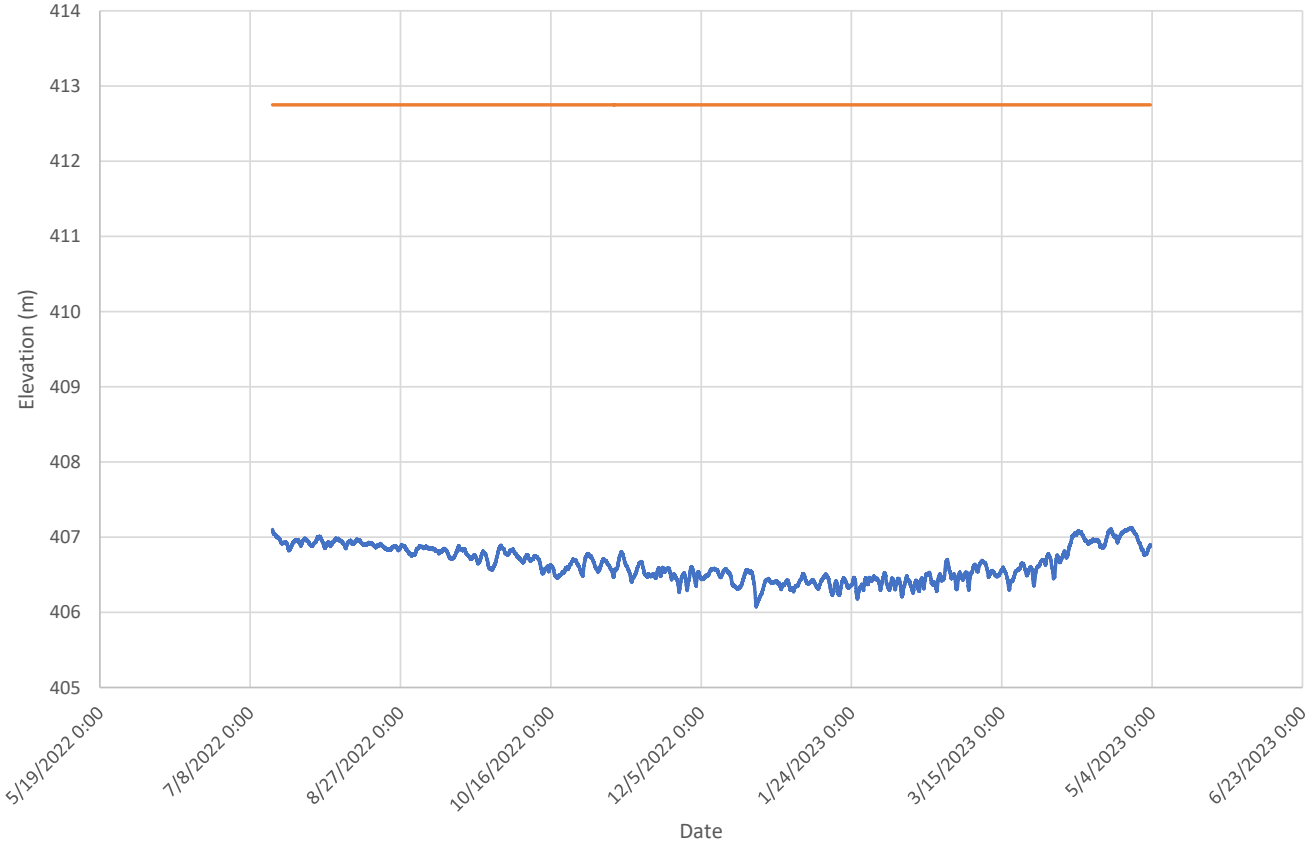


MW 301 (Elevation of 412.75 metres)  
February 2022 to June 2022

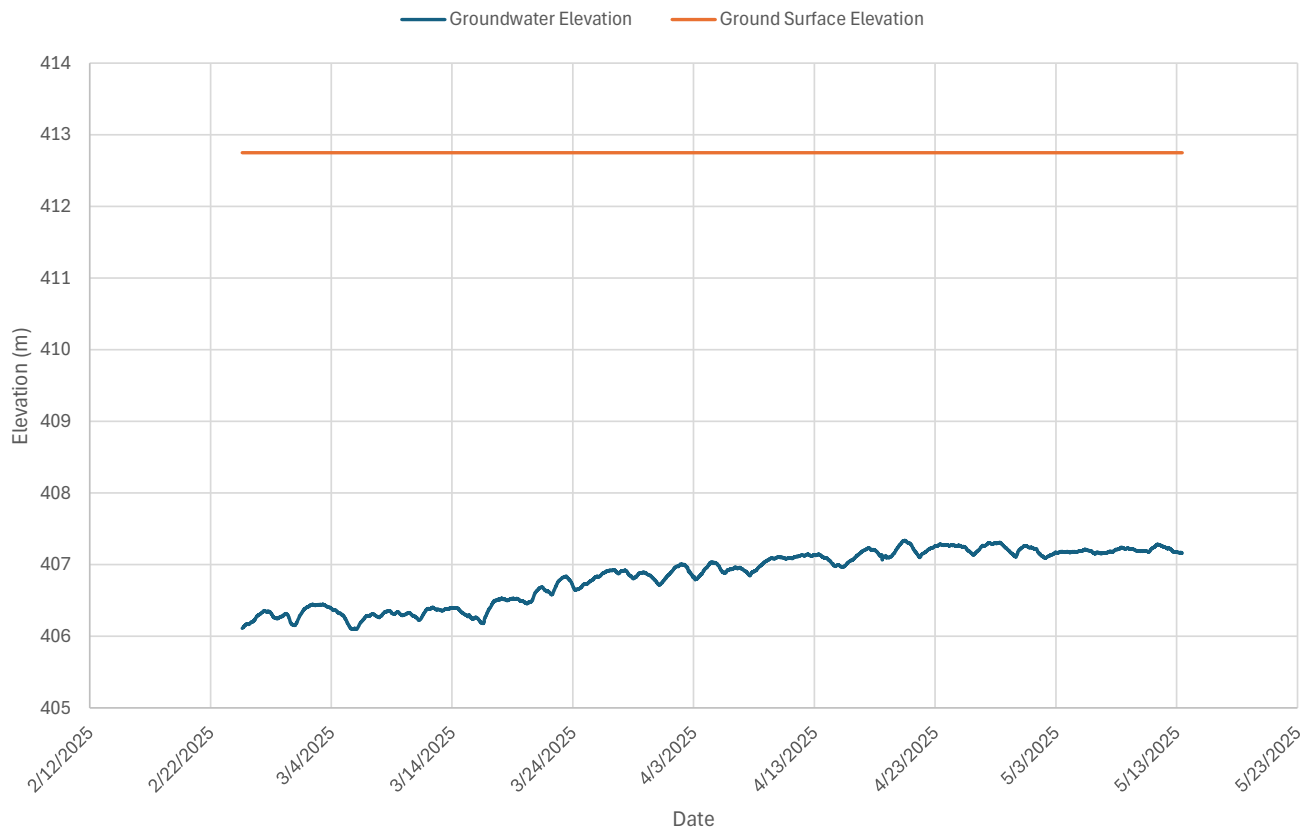


MW 301 Groundwater Elevation  
July 2022 to May 2023

Groundwater Elevation      Ground Surface Elevation

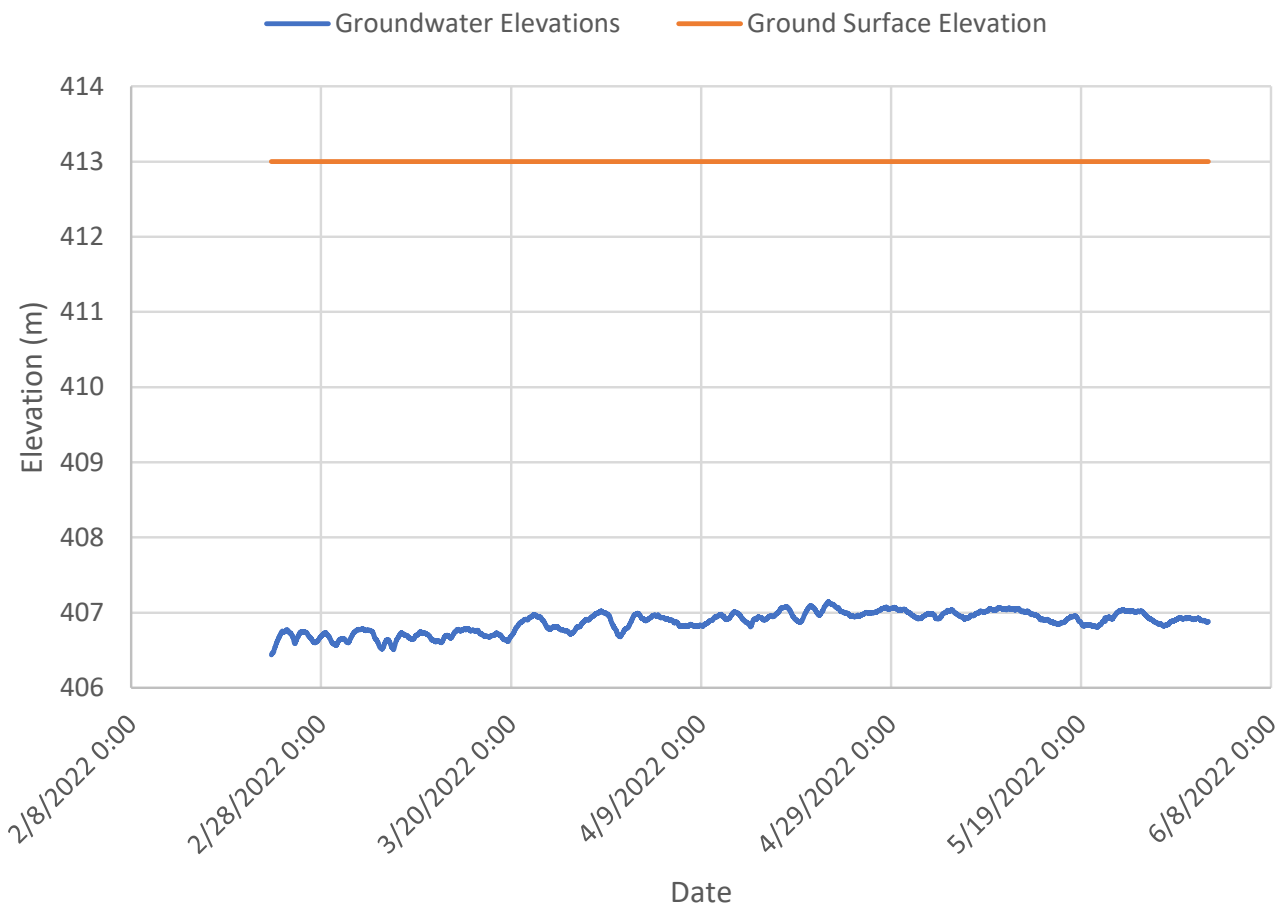


### MW 301 Groundwater Elevation March 2025 to May 2025

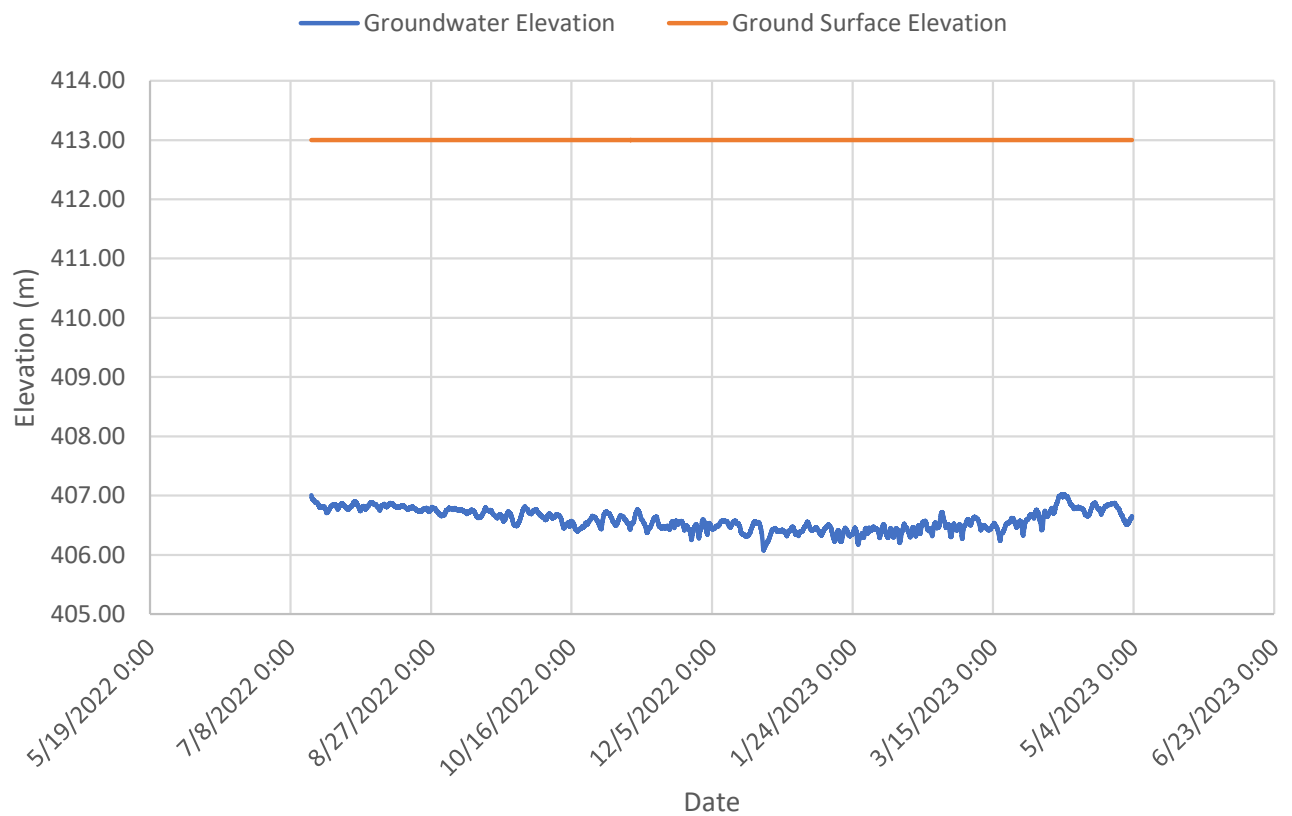




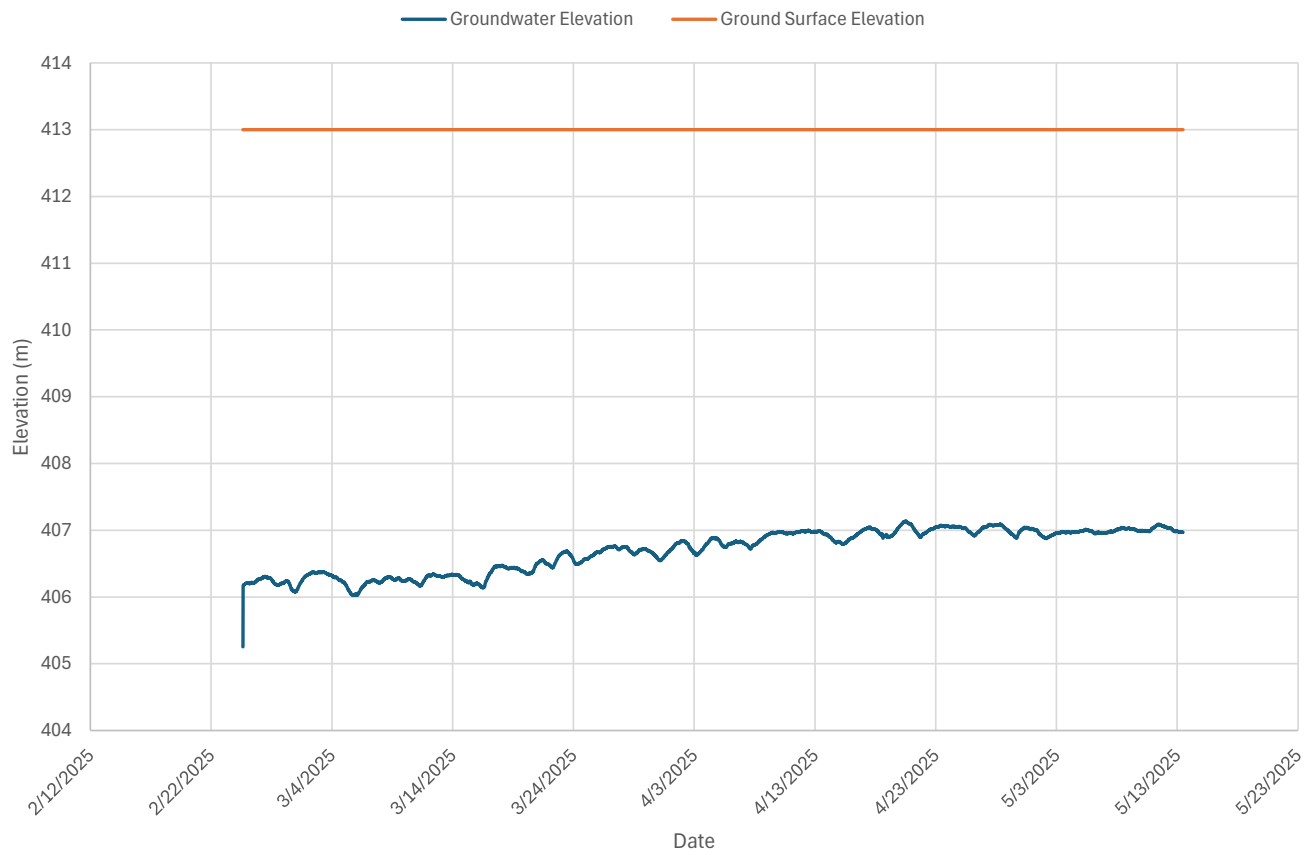
## MW 302 (Elevation of 413.0 metres) February 2022 to June 2022



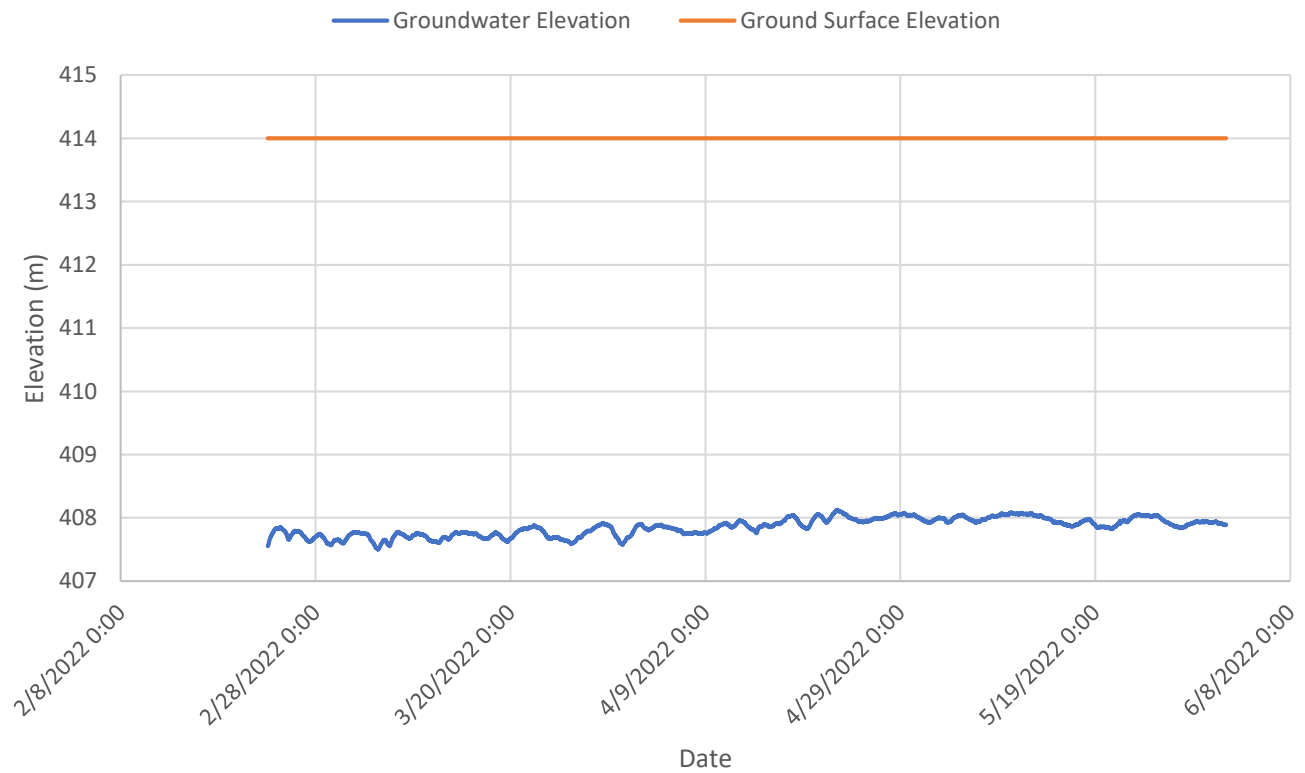
## MW 302 Groundwater Elevation July 2022 to May 2023



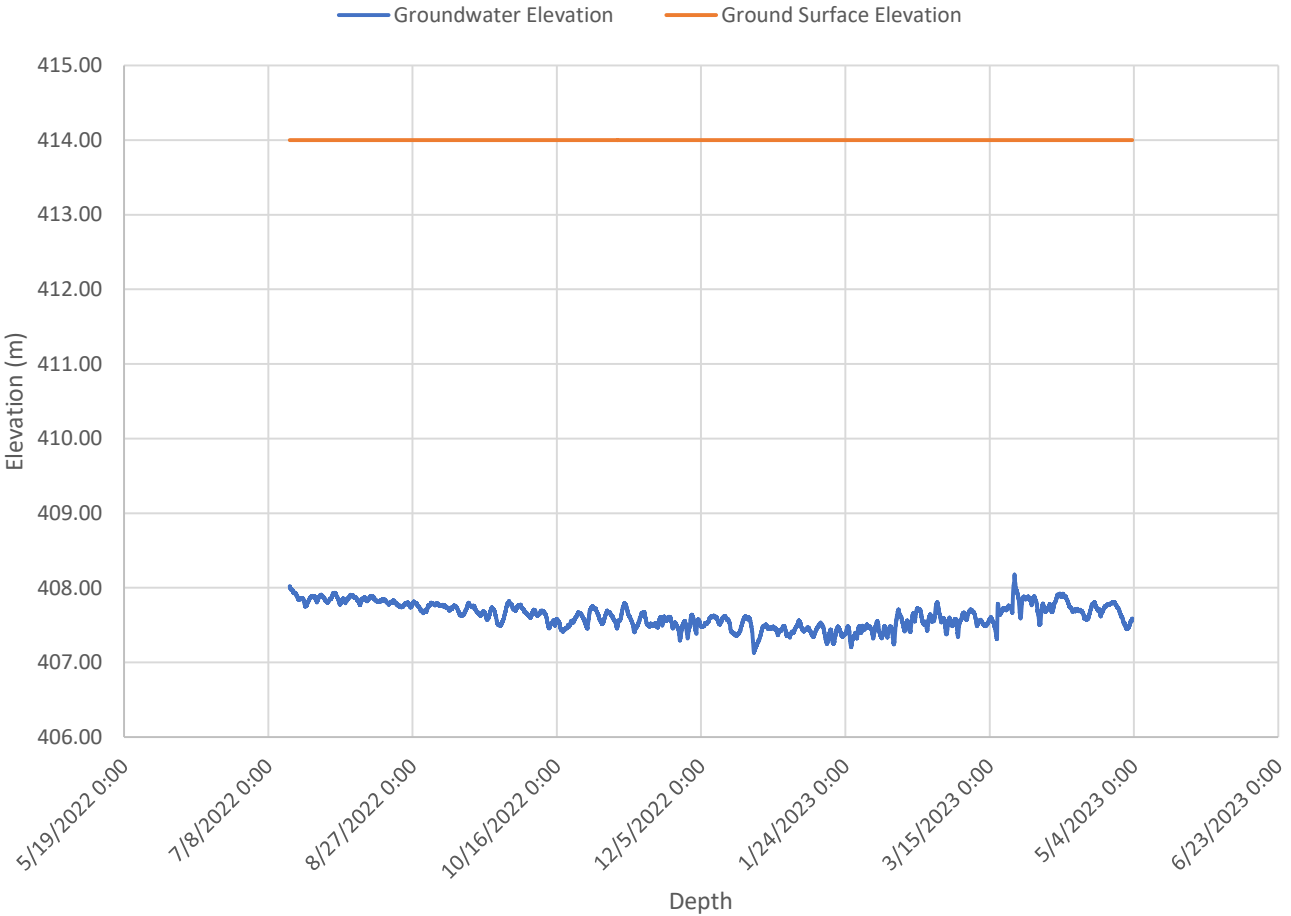
### MW 302 Groundwater Elevation March 2025 to May 2025



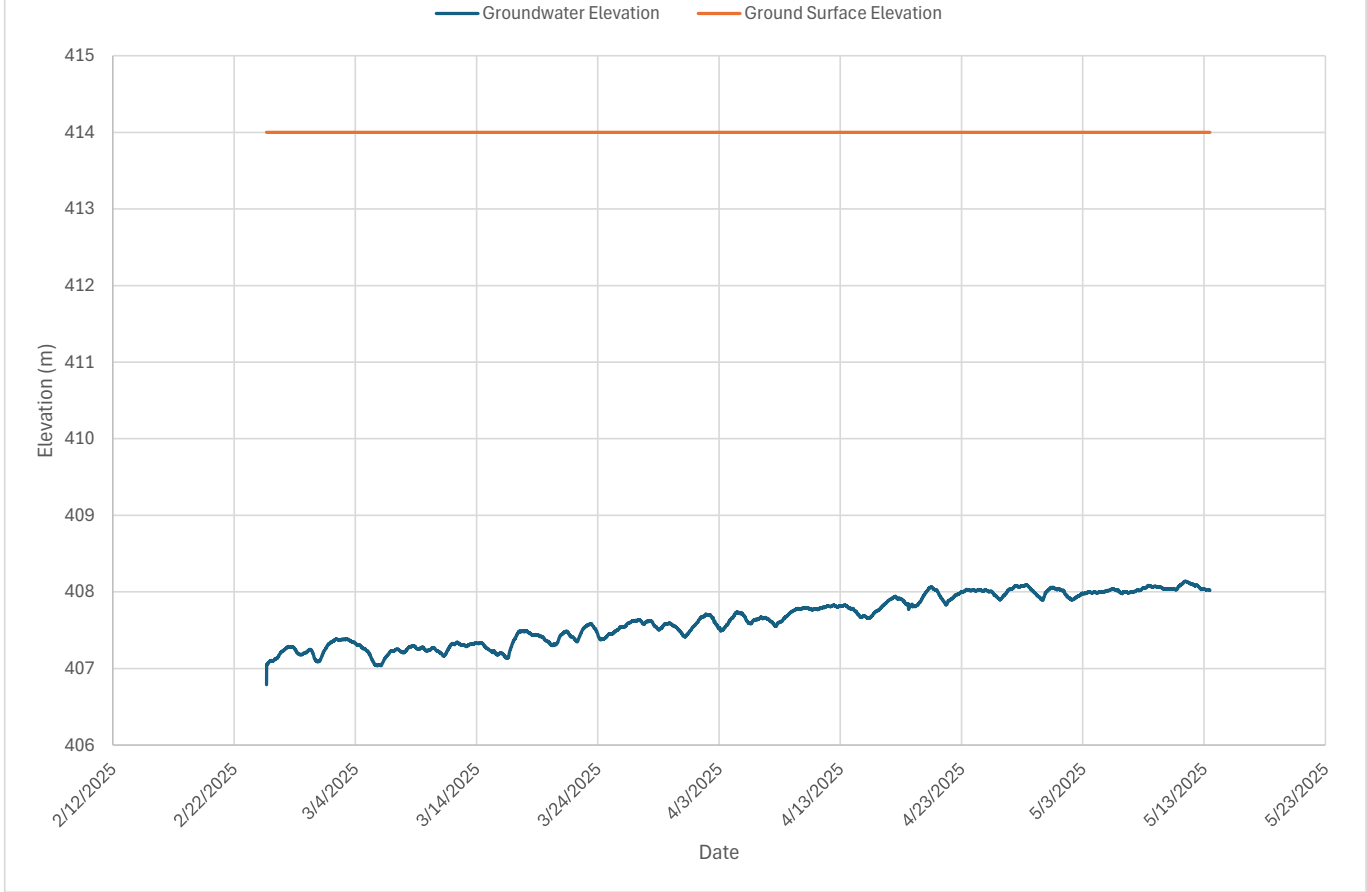
MW 303 (Elevation of 414.0 metres)  
February 2022 to June 2022



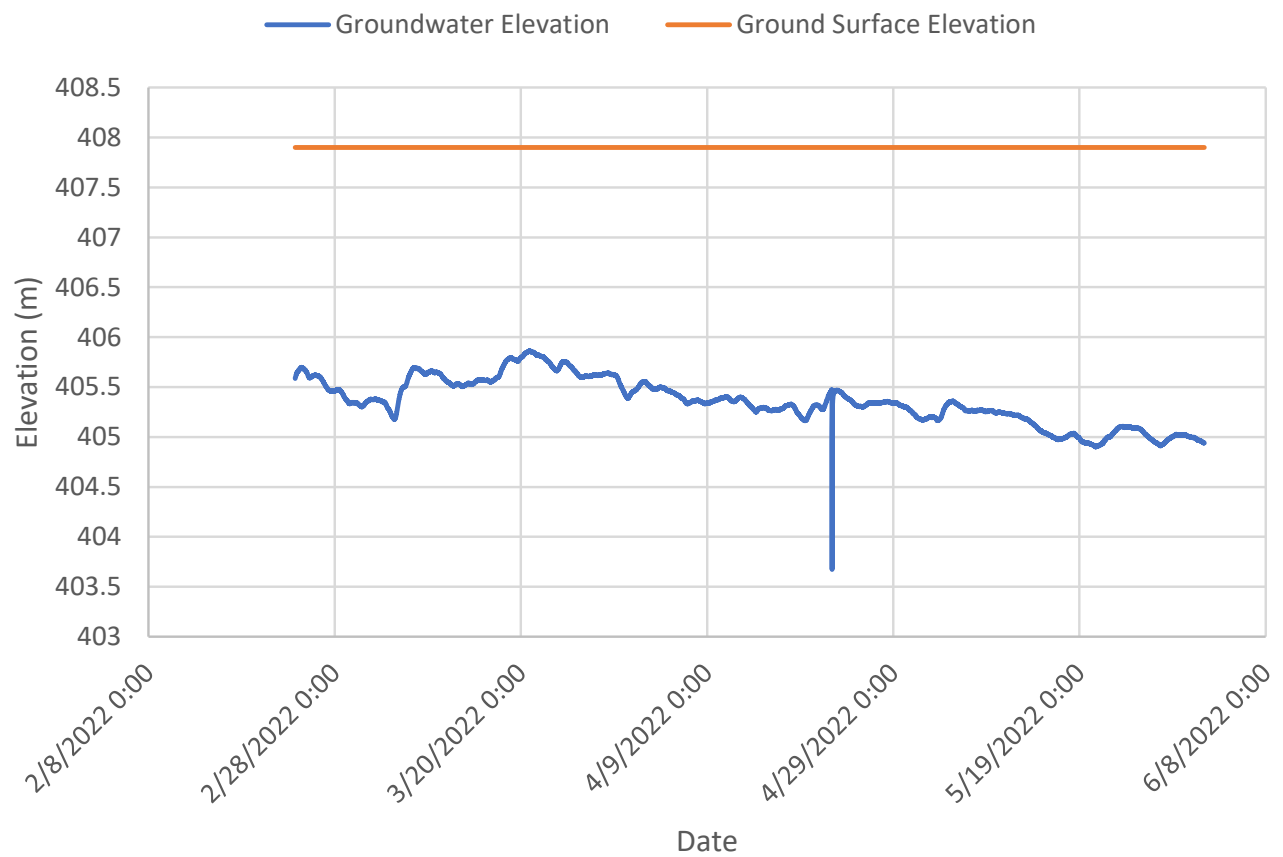
MW 303 Groundwater Elevation  
July 2022 to May 2023



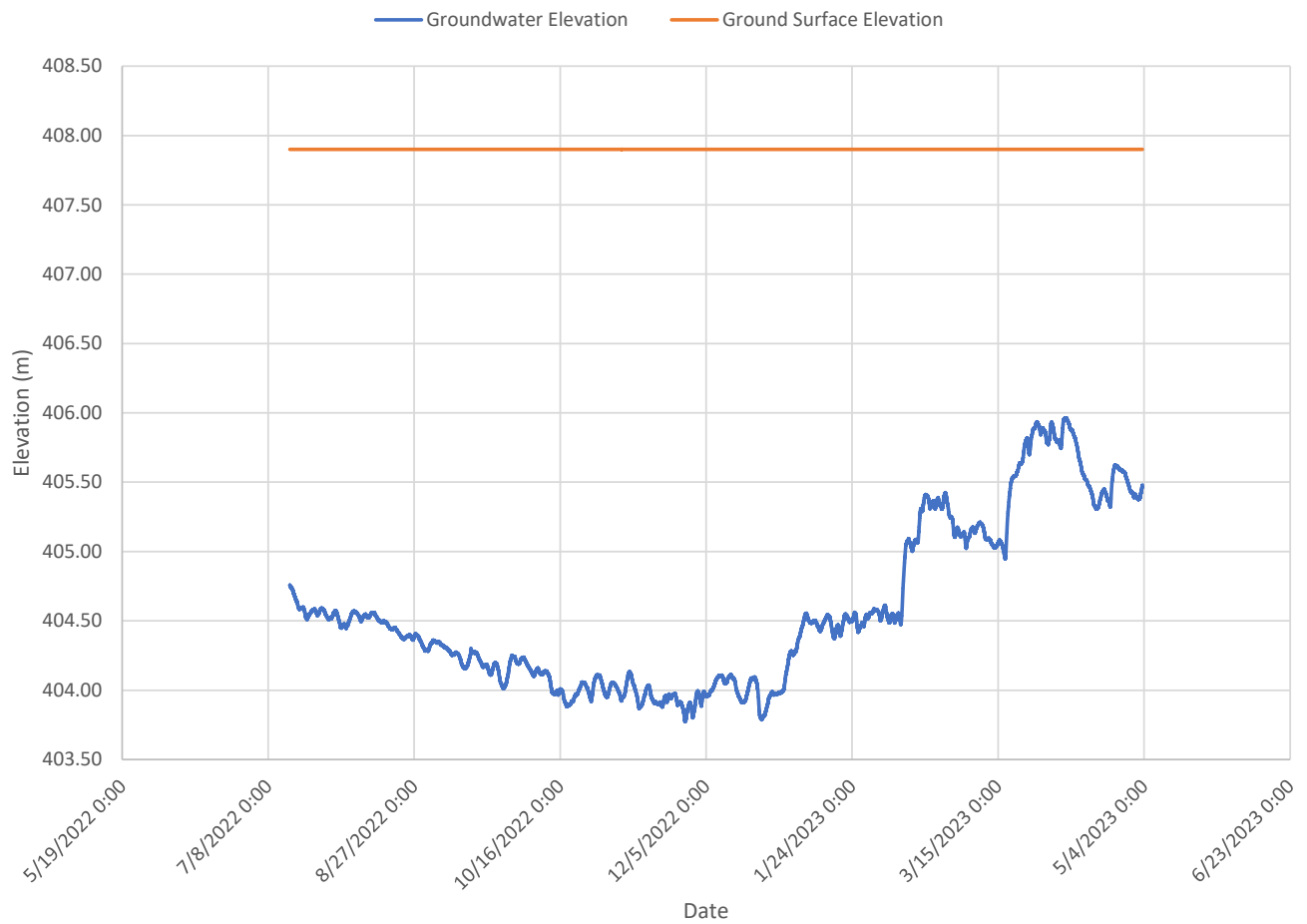
MW 303 Groundwater Elevation  
March 2025 to May 2025



# MW 304 (Elevation of 407.9 metres) February 2022 to June 2022

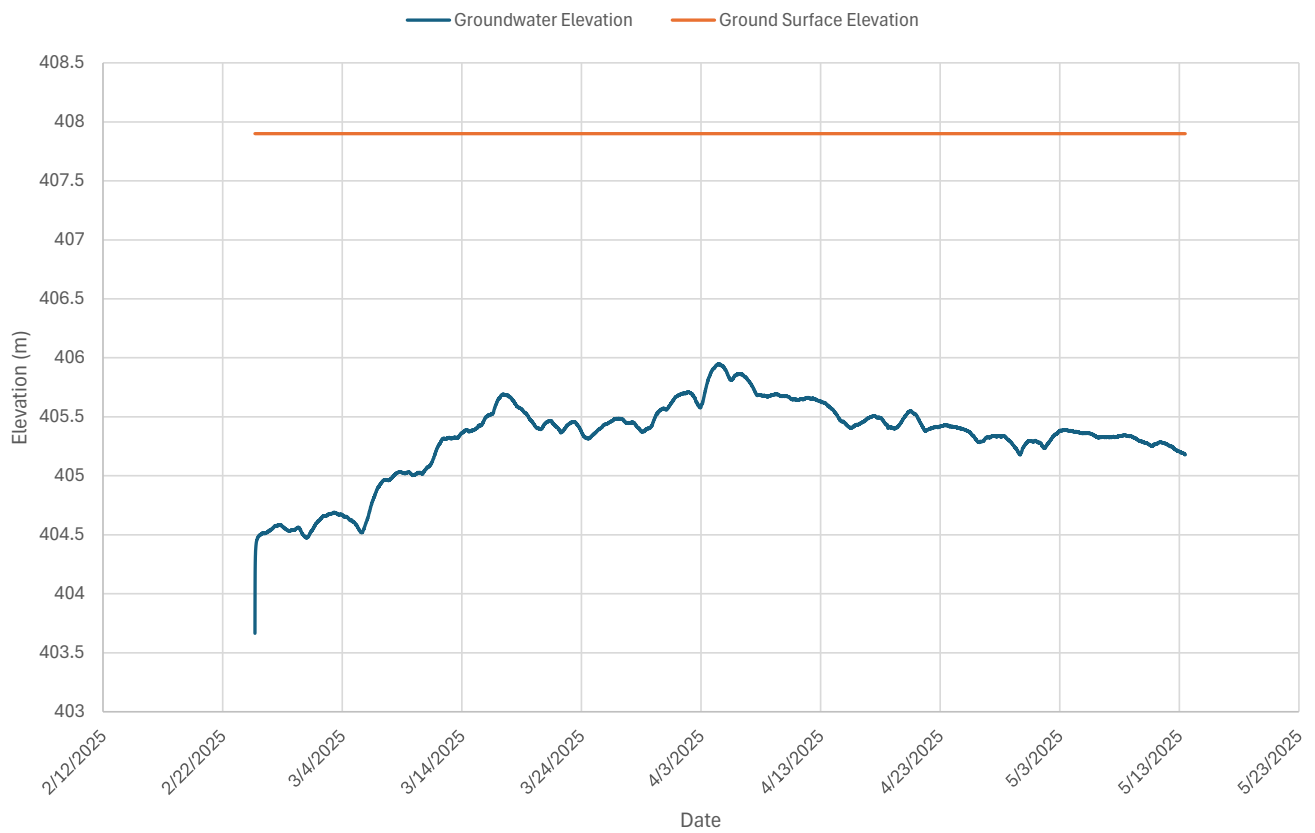


# MW 304 Groundwater Elevation July 2022 to May 2023

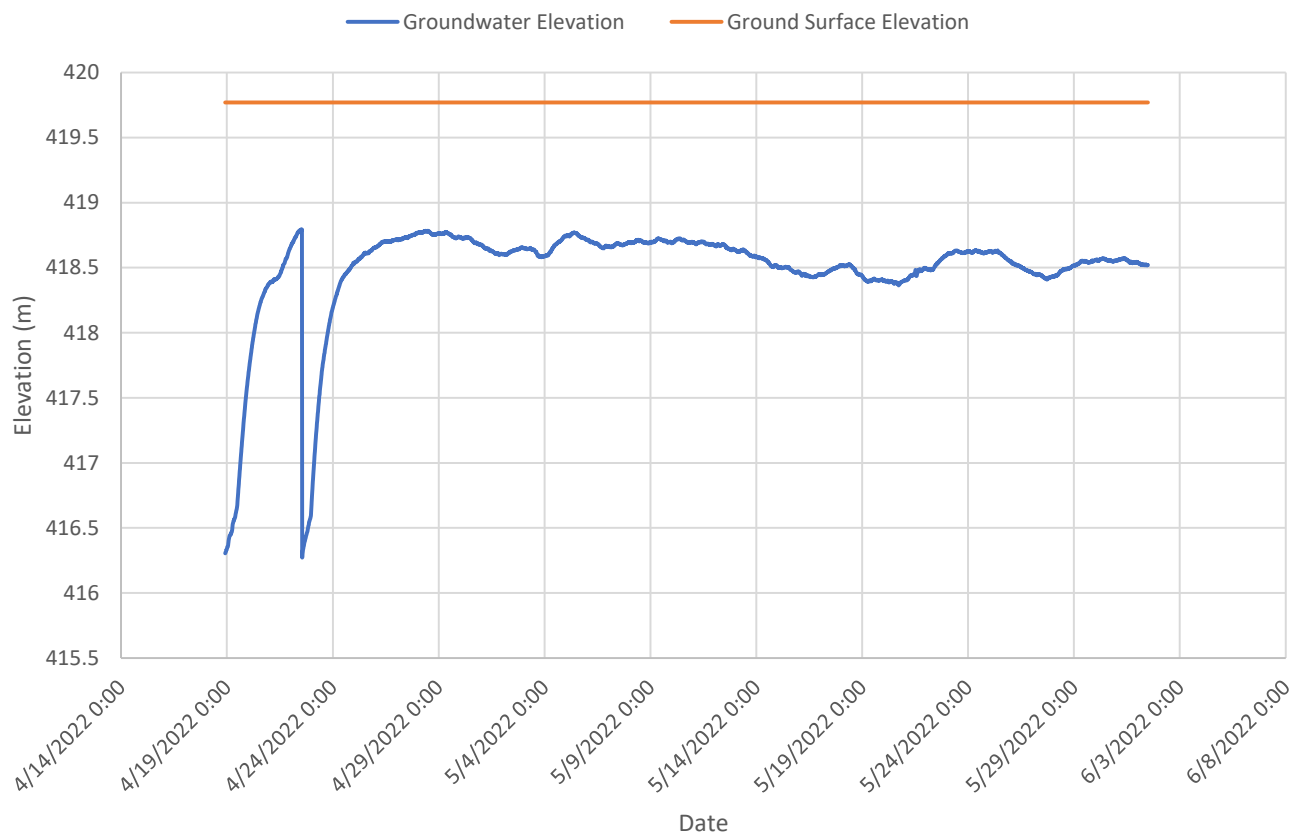




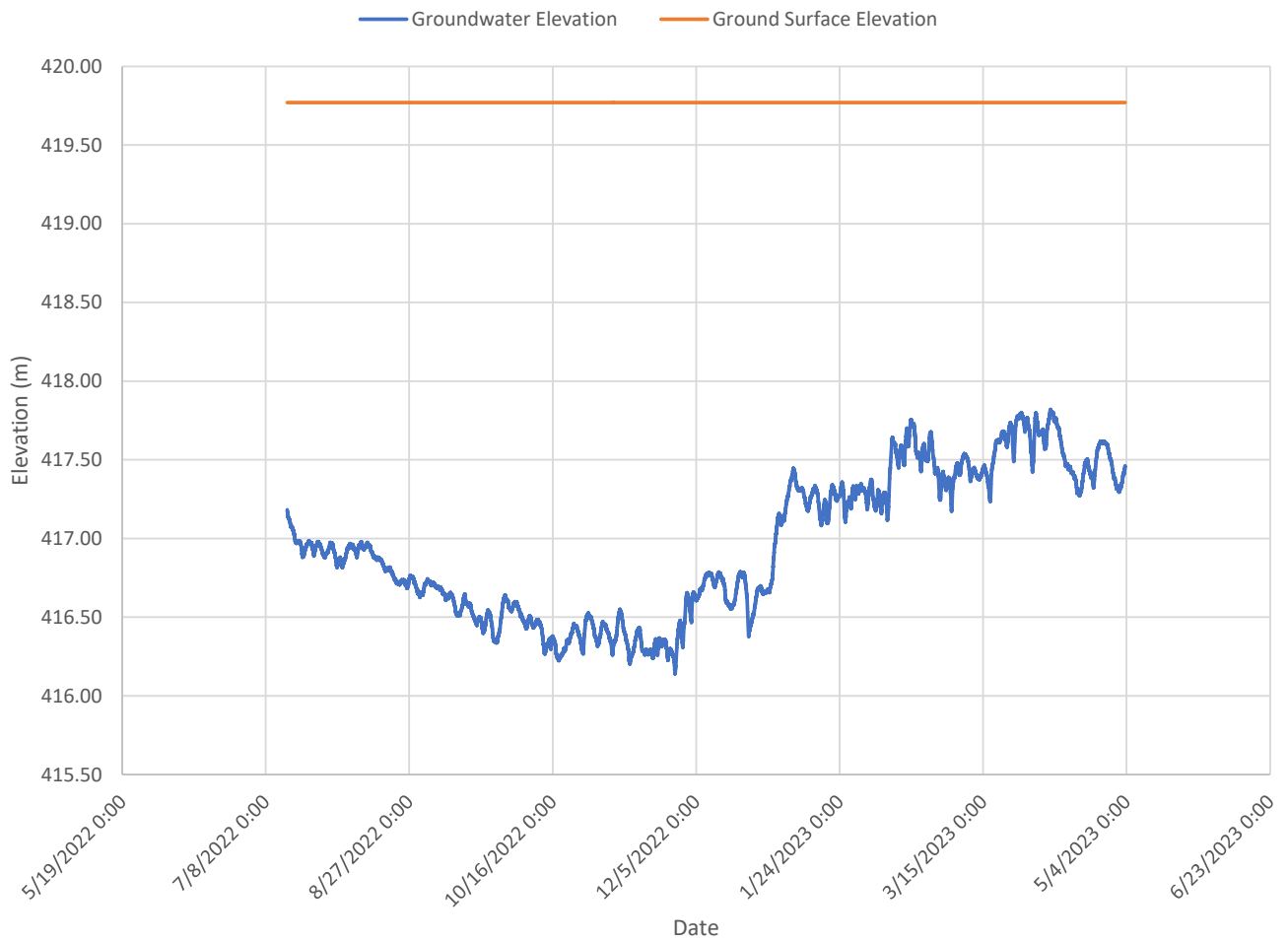
### MW 304 Groundwater Elevation March 2025 to May 2025



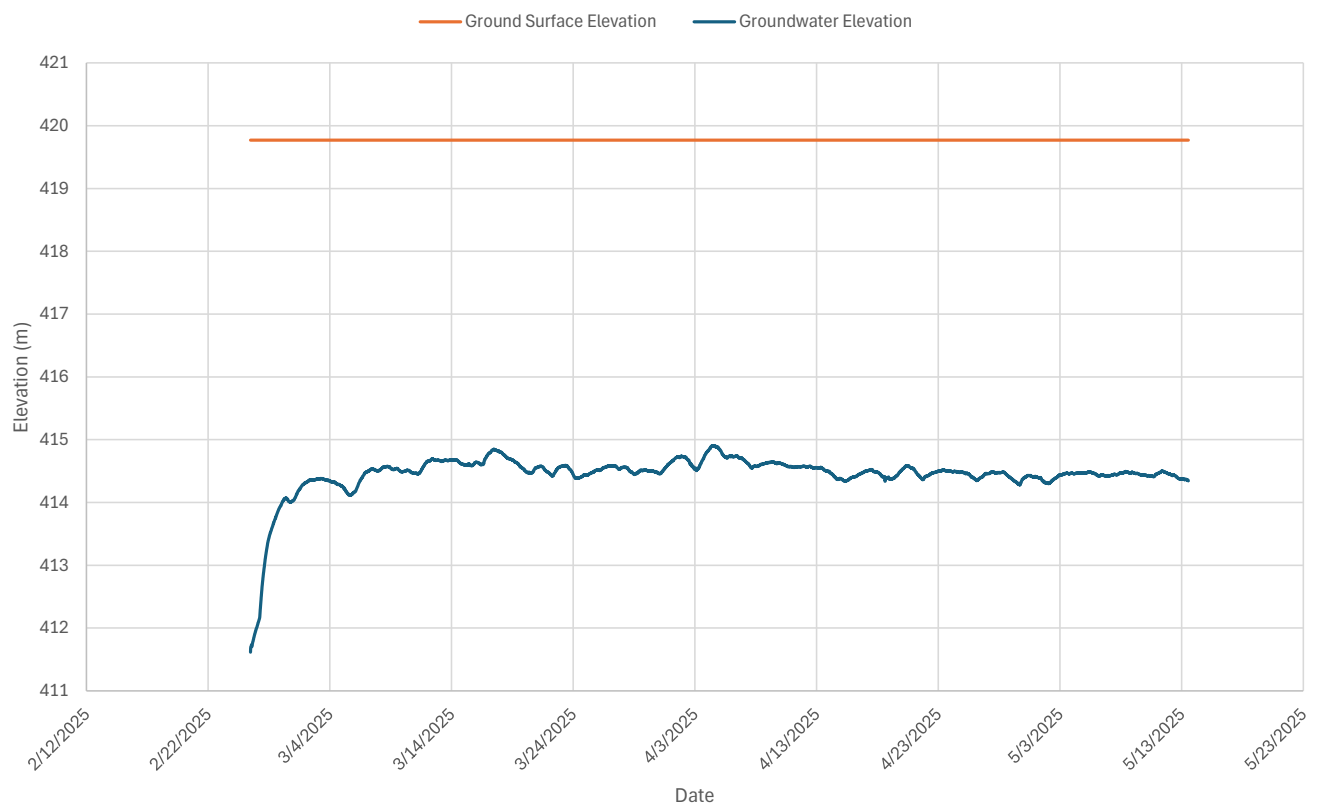
MW 401 (Elevation of 419.77 metres)  
April 2022 to June 2022



# MW 401 Groundwater Elevation July 2022 to May 2023

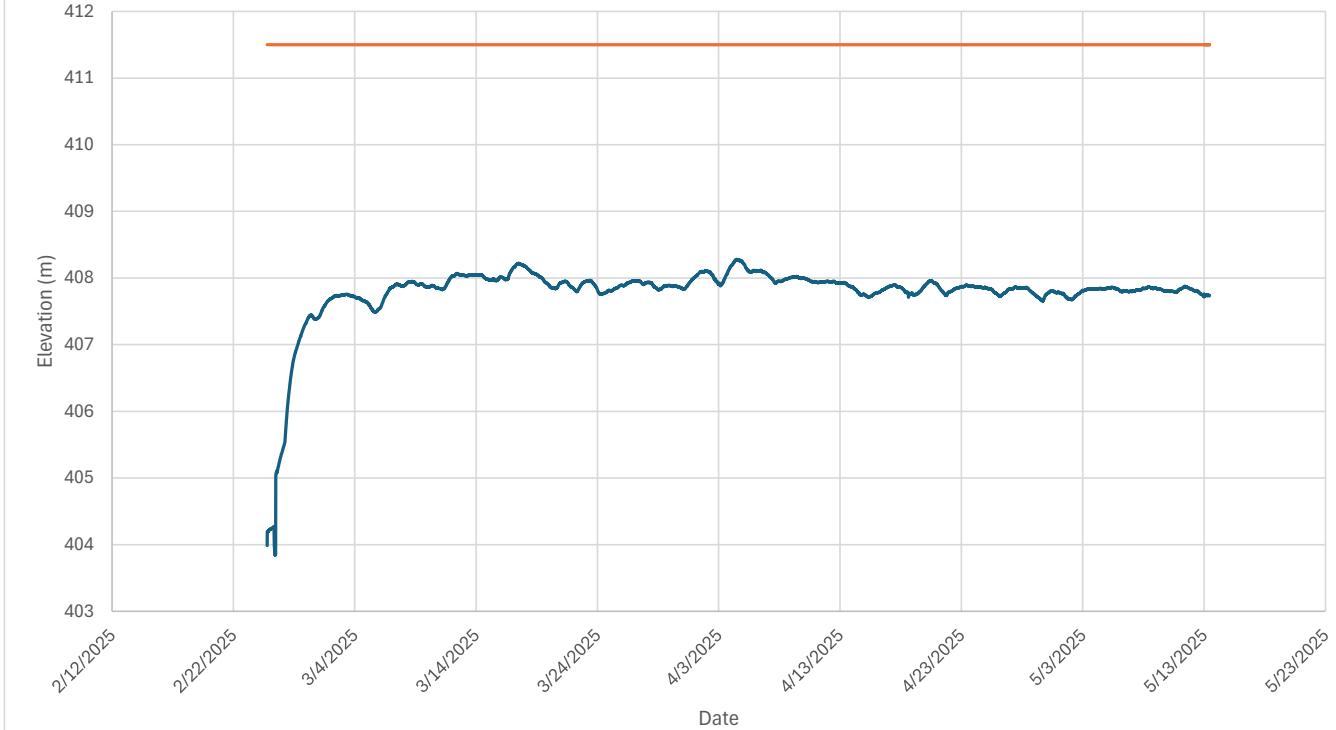


### MW 401 Groundwater Elevation March 2025 to May 2025



MW 501 Groundwater Elevation  
March 2025 to May 2025

Groundwater Elevation      Ground Surface Elevation



MW 502 Groundwater Elevation  
March 2025 to May 2025

