

## McCrae landslide Incident

### Displacement monitoring data

12am 7 March 2025 to 11.59pm 13 March 2025

- ☐ GPS
- ☐ Survey prisms
- ☐ Tilt sensors
- ☐ Radar

**Please note:** this is raw data only for the period indicated above. We are unable to form opinions from this data as yet – it still needs to be analysed, interpreted and peer reviewed. Monitoring is continuing and more data is required.



LEGEND

- GPS MONITORING POINT
- TS MONITORING POINT
- SURVEY PRISM MONITORING POINT
- SURVEY CONTROL POINT
- INDICATIVE TITLE BOUNDARIES

NOTES

1. CO-ORDINATE SYSTEM: GDA2020 LOCAL MGA ZONE 56
2. ELEVATION DATUM: DERIVED AND GAUDED002020
3. TITLE BOUNDARIES SOURCED FROM VICMAP PROPERTY DATA SET DOWNLOADED DATA.VIC.GOV.AU

| CONTROL POINT LOCATIONS |            |             |           |       |  |
|-------------------------|------------|-------------|-----------|-------|--|
| ID                      | EASTING    | NORTHING    | ELEVATION | TYPE  |  |
| C01                     | 319555.816 | 5753861.905 | 4.918     | PRISM |  |
| C02                     | 319627.016 | 5753869.621 | 5.103     | PRISM |  |
| C03                     | 319513.831 | 5753827.168 | 4.897     | PRISM |  |
| C04                     | 319534.083 | 5753802.588 | 4.941     | PRISM |  |
| C05                     | 319558.197 | 5753832.913 | 5.395     | PRISM |  |
| C06                     | 319547.238 | 5753713.073 | 4.746     | PRISM |  |



MORNINGTON PENINSULA SHIRE COUNCIL  
MCCRAE LANDSLIDE INCIDENT  
INSTRUMENTATION AND MONITORING

LAYOUT PLAN

FIGURE 1



## **GPS monitoring summary**

Table A1 – Summary of GPS monitoring results

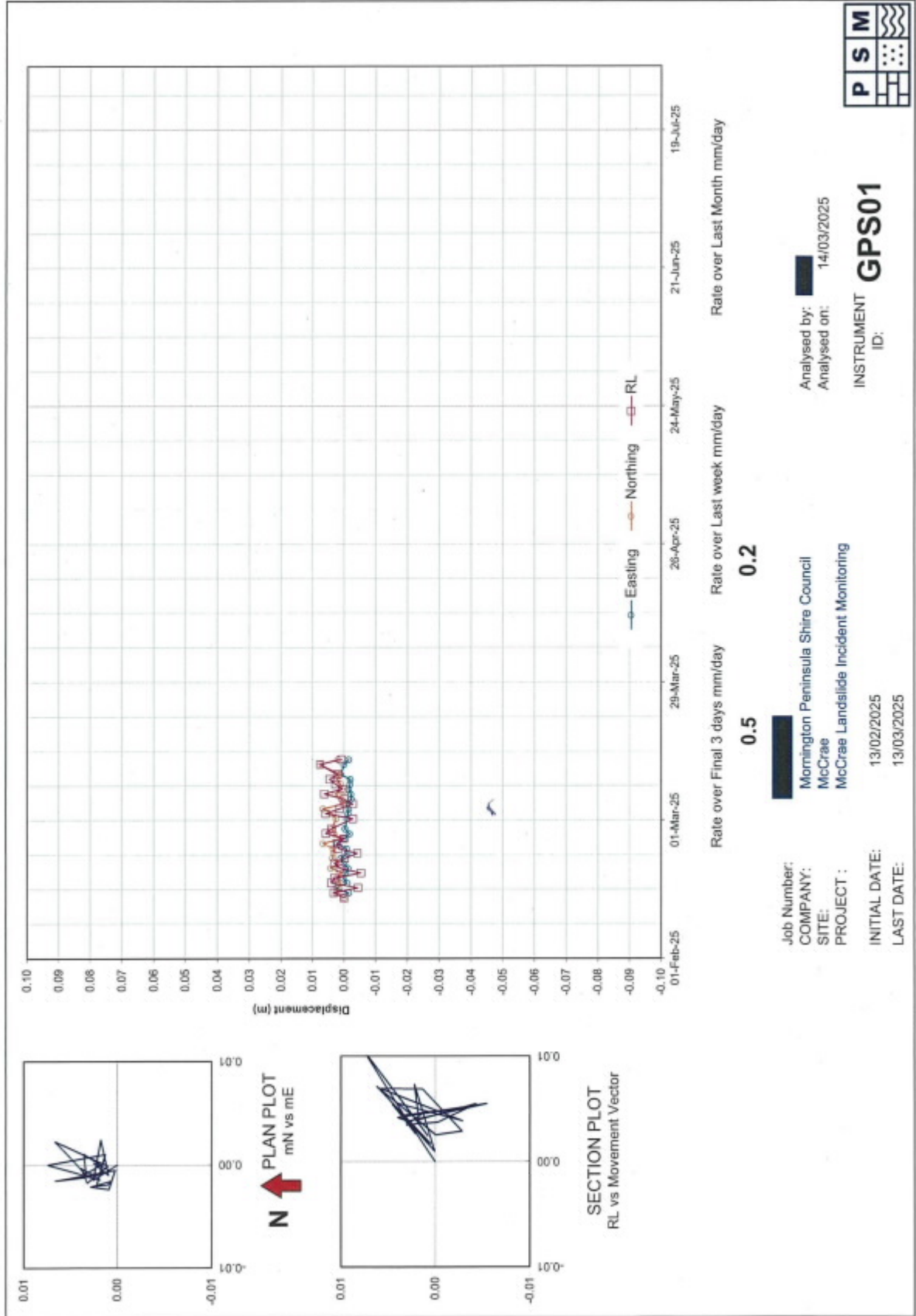
| Prism ID | Start Date | Base (m) |          |        | Displacement (m) |           |            |        | Total Movement Vector |                         |             | Average Rate (mm/day) |                 |                  |
|----------|------------|----------|----------|--------|------------------|-----------|------------|--------|-----------------------|-------------------------|-------------|-----------------------|-----------------|------------------|
|          |            | Easting  | Northing | RL     | Last Date        | Δ Easting | Δ Northing | Δ RL   | Magnitude             | Plunge (°)<br>(up is +) | Azimuth (°) | last 3 readings       | last 7 readings | last 30 readings |
| GPS01    | 13-Feb-25  | -9.699   | 38.335   | -2.995 | 13-Mar-25        | -0.001    | 0.002      | 0.001  | 0.002                 | 18.4                    | 321.7       | 0.5                   | 0.2             |                  |
| GPS02    | 13-Feb-25  | -21.621  | 20.245   | -2.725 | 13-Mar-25        | 0.001     | 0.001      | 0.004  | 0.004                 | 72.4                    | 45.6        | -1.6                  | -1.0            |                  |
| GPS03    | 13-Feb-25  | -41.863  | 21.761   | -4.007 | 9-Mar-25         | -0.002    | 0.001      | 0.003  | 0.004                 | 49.4                    | 293.4       | -1.2                  | -0.2            |                  |
| GPS04    | 13-Feb-25  | -48.756  | 16.672   | -4.334 | 13-Mar-25        | 0.001     | 0.001      | -0.002 | 0.002                 | -61.0                   | 37.0        | -2.9                  | -0.2            |                  |
| GPS05    | 10-Mar-25  | -10.886  | 29.671   | -0.704 | 13-Mar-25        | -0.001    | 0.000      | 0.005  | 0.005                 | 79.7                    | 291.4       | 0.5                   |                 |                  |
| GPS06    | 10-Mar-25  | -13.232  | 19.477   | -2.897 | 13-Mar-25        | -0.002    | -0.002     | 0.006  | 0.007                 | 65.4                    | 236.7       | -1.1                  |                 |                  |

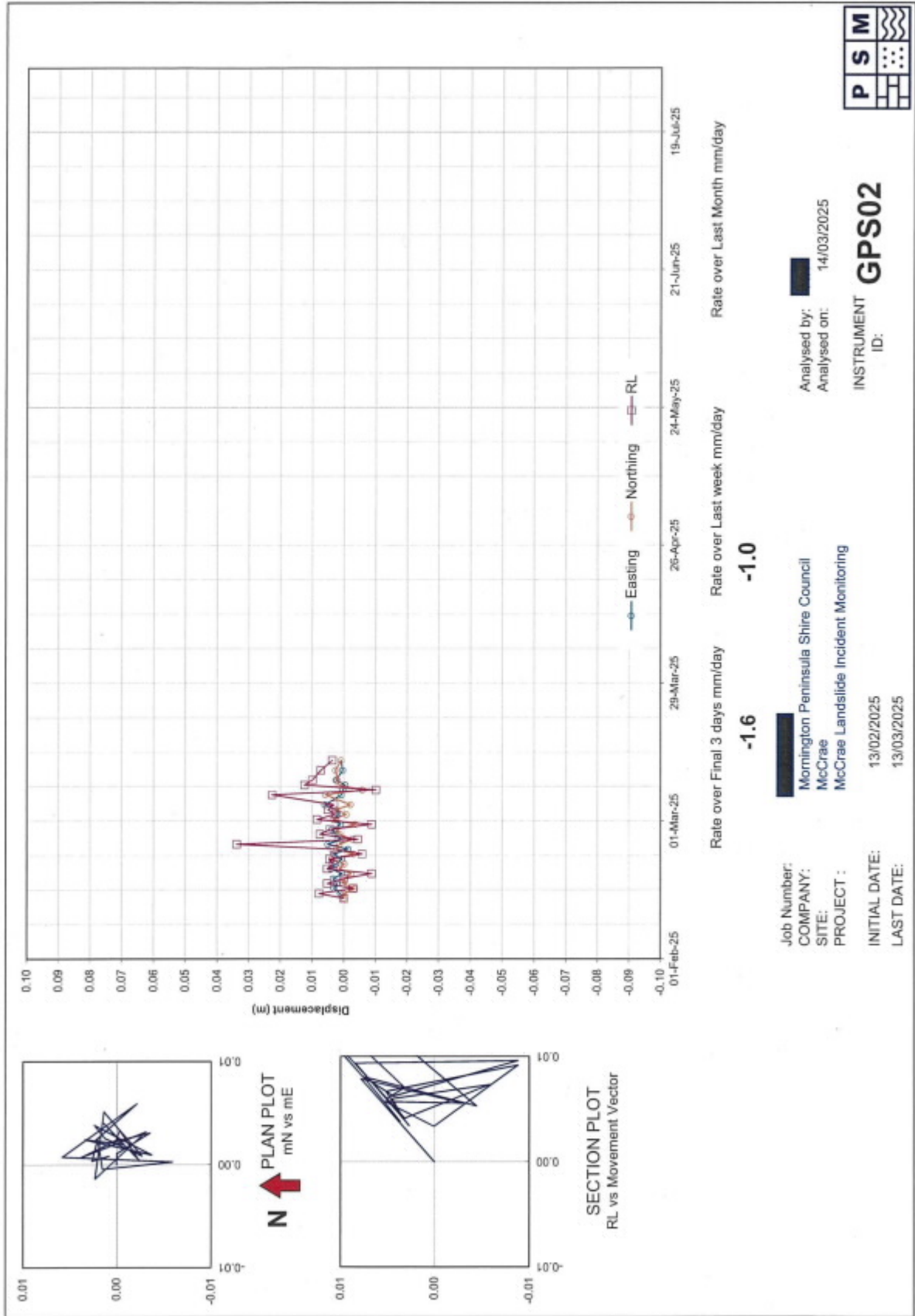
Notes:

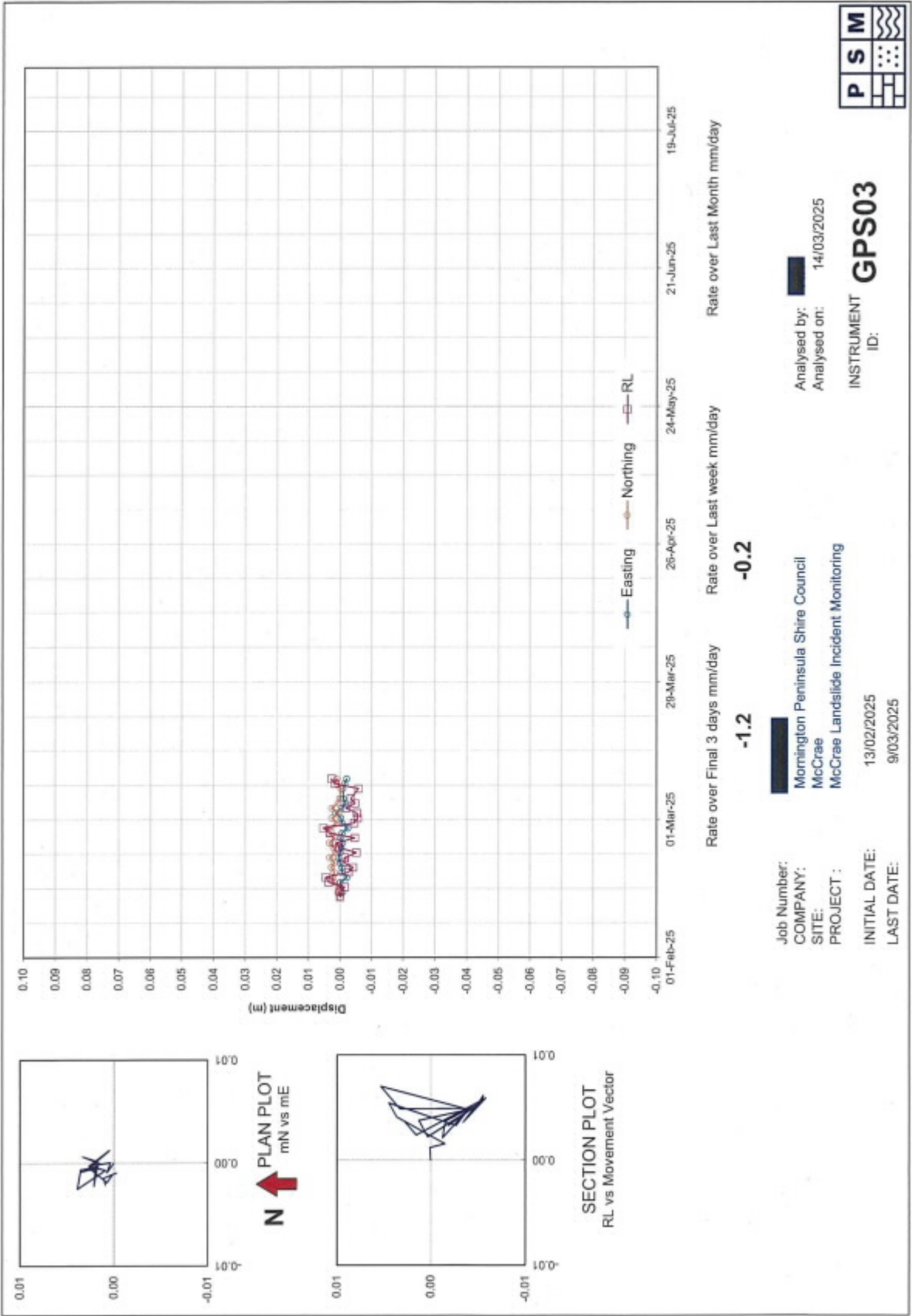
(1) Co-ordinates provided are local co-ordinates relative to the base reference station installed at the Site. Co-ordinates are orientated to the GDA2020 grid.



## **GPS monitoring plots**







Analysed by:

Analysed on:

INSTRUMENT

GPS03

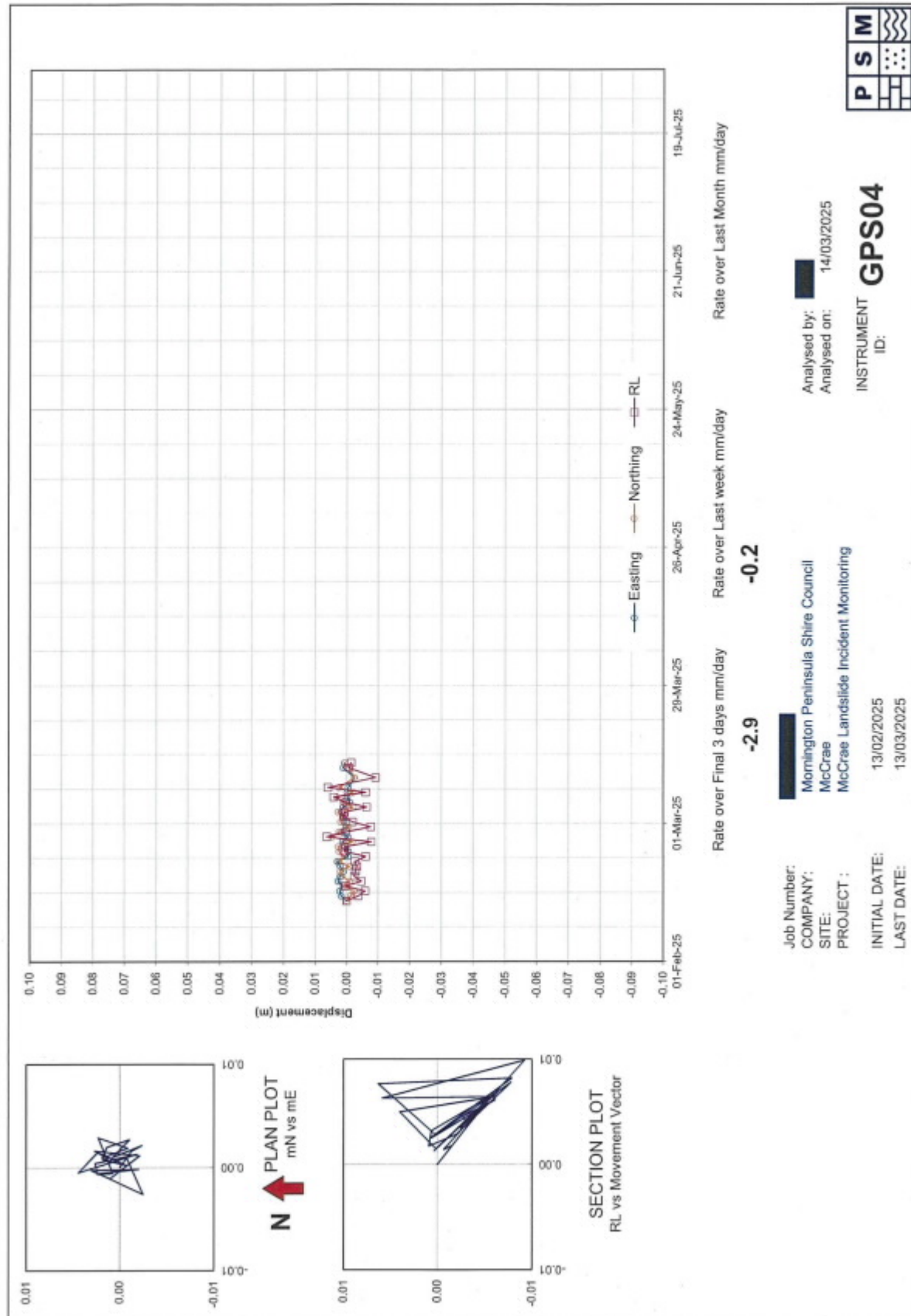
ID:

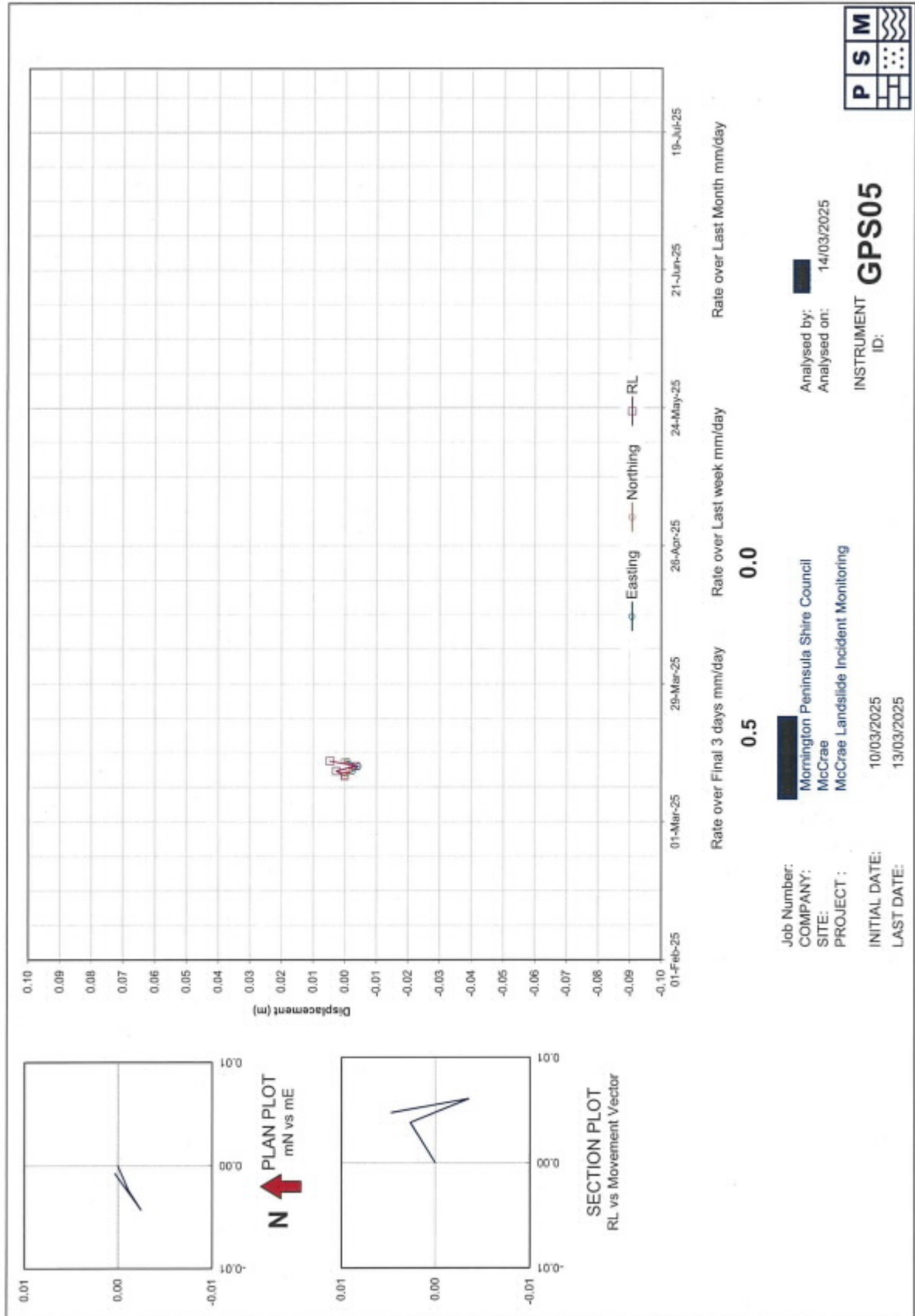
P

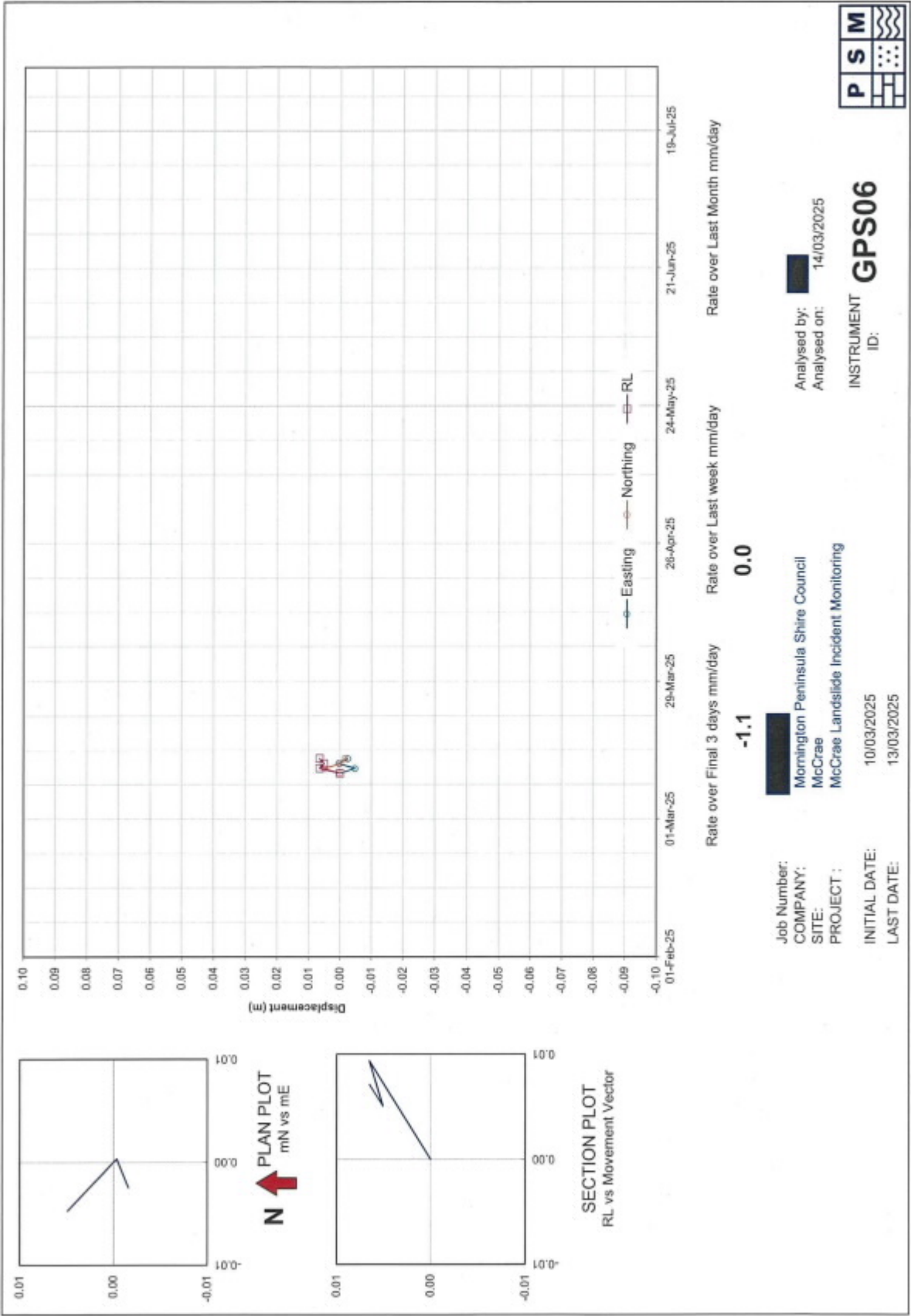
S

M

14/03/2025









## Survey prism measurements

Table C1 – Survey monitoring data

| Prism ID | Survey Date | Easting (m) | Northing (m) | RL (m) |
|----------|-------------|-------------|--------------|--------|
| S1P01    | 12/02/2025  | 319578.865  | 5753744.880  | 23.926 |
| S1P01    | 20/02/2025  | 319578.866  | 5753744.882  | 23.926 |
| S1P01    | 27/02/2025  | 319578.865  | 5753744.879  | 23.926 |
| S1P01    | 6/03/2025   | 319578.865  | 5753744.879  | 23.926 |
| S1P01    | 13/03/2025  | 319578.864  | 5753744.879  | 23.928 |
| S1P02    | 12/02/2025  | 319573.541  | 5753749.185  | 22.991 |
| S1P02    | 20/02/2025  | 319573.543  | 5753749.187  | 22.990 |
| S1P02    | 27/02/2025  | 319573.541  | 5753749.184  | 22.990 |
| S1P02    | 6/03/2025   | 319573.542  | 5753749.184  | 22.990 |
| S1P02    | 13/03/2025  | 319573.542  | 5753749.184  | 22.991 |
| S1P03    | 12/02/2025  | 319573.873  | 5753743.899  | 26.409 |
| S1P03    | 20/02/2025  | 319573.875  | 5753743.900  | 26.409 |
| S1P03    | 27/02/2025  | 319573.873  | 5753743.898  | 26.409 |
| S1P03    | 6/03/2025   | 319573.873  | 5753743.898  | 26.409 |
| S1P03    | 13/03/2025  | 319573.872  | 5753743.898  | 26.410 |
| S3P05    | 12/02/2025  | 319569.139  | 5753745.501  | 25.419 |
| S3P05    | 20/02/2025  | 319569.138  | 5753745.501  | 25.420 |
| S3P05    | 27/02/2025  | 319569.139  | 5753745.502  | 25.419 |
| S3P05    | 6/03/2025   | 319569.139  | 5753745.501  | 25.420 |
| S3P05    | 13/03/2025  | 319569.140  | 5753745.502  | 25.419 |
| S3P06    | 12/02/2025  | 319569.429  | 5753748.276  | 23.723 |
| S3P06    | 20/02/2025  | 319569.428  | 5753748.277  | 23.723 |
| S3P06    | 27/02/2025  | 319569.428  | 5753748.276  | 23.723 |
| S3P06    | 6/03/2025   | 319569.428  | 5753748.276  | 23.723 |
| S3P06    | 13/03/2025  | 319569.429  | 5753748.276  | 23.723 |
| S3P07    | 12/02/2025  | 319565.757  | 5753753.050  | 20.181 |
| S3P07    | 20/02/2025  | 319565.755  | 5753753.050  | 20.181 |
| S3P07    | 27/02/2025  | 319565.756  | 5753753.050  | 20.181 |
| S3P07    | 6/03/2025   | 319565.756  | 5753753.050  | 20.181 |
| S3P07    | 13/03/2025  | 319565.757  | 5753753.050  | 20.180 |
| S3P08    | 12/02/2025  | 319558.404  | 5753748.044  | 20.321 |
| S3P08    | 20/02/2025  | 319558.403  | 5753748.045  | 20.321 |
| S3P08    | 27/02/2025  | 319558.404  | 5753748.044  | 20.322 |
| S3P08    | 6/03/2025   | 319558.404  | 5753748.043  | 20.322 |
| S3P08    | 13/03/2025  | 319558.405  | 5753748.042  | 20.321 |
| S3P09    | 12/02/2025  | 319551.813  | 5753749.725  | 15.989 |
| S3P09    | 20/02/2025  | 319551.812  | 5753749.725  | 15.989 |
| S3P09    | 27/02/2025  | 319551.812  | 5753749.725  | 15.990 |
| S3P09    | 6/03/2025   | 319551.812  | 5753749.724  | 15.990 |
| S3P09    | 13/03/2025  | 319551.813  | 5753749.724  | 15.989 |
| S3P10    | 12/02/2025  | 319554.096  | 5753743.851  | 20.636 |
| S3P10    | 20/02/2025  | 319554.095  | 5753743.851  | 20.636 |
| S3P10    | 27/02/2025  | 319554.095  | 5753743.850  | 20.636 |
| S3P10    | 6/03/2025   | 319554.096  | 5753743.850  | 20.636 |
| S3P10    | 13/03/2025  | 319554.098  | 5753743.850  | 20.636 |

| Prism ID | Survey Date | Easting (m) | Northing (m) | RL (m) |
|----------|-------------|-------------|--------------|--------|
| S3P11    | 12/02/2025  | 319550.572  | 5753743.992  | 17.689 |
| S3P11    | 20/02/2025  | 319550.571  | 5753743.992  | 17.689 |
| S3P11    | 27/02/2025  | 319550.571  | 5753743.992  | 17.689 |
| S3P11    | 6/03/2025   | 319550.572  | 5753743.992  | 17.689 |
| S3P11    | 13/03/2025  | 319550.574  | 5753743.992  | 17.689 |
| S3P12    | 12/02/2025  | 319556.438  | 5753719.653  | 30.063 |
| S3P12    | 20/02/2025  | 319556.436  | 5753719.654  | 30.064 |
| S3P12    | 27/02/2025  | 319556.436  | 5753719.653  | 30.063 |
| S3P12    | 6/03/2025   | 319556.436  | 5753719.653  | 30.064 |
| S3P12    | 13/03/2025  | 319556.437  | 5753719.653  | 30.063 |
| S3P13    | 12/02/2025  | 319553.897  | 5753718.704  | 30.233 |
| S3P13    | 20/02/2025  | 319553.896  | 5753718.705  | 30.234 |
| S3P13    | 27/02/2025  | 319553.896  | 5753718.705  | 30.234 |
| S3P13    | 6/03/2025   | 319553.896  | 5753718.705  | 30.234 |
| S3P13    | 13/03/2025  | 319553.897  | 5753718.705  | 30.234 |
| S3P14    | 12/02/2025  | 319550.979  | 5753723.316  | 26.793 |
| S3P14    | 20/02/2025  | 319550.977  | 5753723.316  | 26.792 |
| S3P14    | 27/02/2025  | 319550.978  | 5753723.316  | 26.793 |
| S3P14    | 6/03/2025   | 319550.978  | 5753723.316  | 26.793 |
| S3P14    | 13/03/2025  | 319550.978  | 5753723.315  | 26.793 |
| S3P15    | 12/02/2025  | 319553.059  | 5753713.284  | 34.077 |
| S3P15    | 20/02/2025  | 319553.057  | 5753713.284  | 34.076 |
| S3P15    | 27/02/2025  | 319553.058  | 5753713.284  | 34.077 |
| S3P15    | 6/03/2025   | 319553.057  | 5753713.283  | 34.077 |
| S3P15    | 13/03/2025  | 319553.059  | 5753713.283  | 34.077 |
| S3P16    | 12/02/2025  | 319545.480  | 5753722.252  | 28.079 |
| S3P16    | 20/02/2025  | 319545.479  | 5753722.253  | 28.079 |
| S3P16    | 27/02/2025  | 319545.479  | 5753722.253  | 28.080 |
| S3P16    | 6/03/2025   | 319545.480  | 5753722.253  | 28.080 |
| S3P16    | 13/03/2025  | 319545.481  | 5753722.253  | 28.079 |
| S3P17    | 12/02/2025  | 319537.244  | 5753739.894  | 15.611 |
| S3P17    | 20/02/2025  | 319537.242  | 5753739.894  | 15.611 |
| S3P17    | 27/02/2025  | 319537.243  | 5753739.894  | 15.611 |
| S3P17    | 6/03/2025   | 319537.243  | 5753739.894  | 15.611 |
| S3P17    | 13/03/2025  | 319537.243  | 5753739.893  | 15.611 |
| S3P18    | 12/02/2025  | 319535.799  | 5753733.932  | 20.813 |
| S3P18    | 20/02/2025  | 319535.797  | 5753733.933  | 20.813 |
| S3P18    | 27/02/2025  | 319535.797  | 5753733.933  | 20.813 |
| S3P18    | 6/03/2025   | 319535.797  | 5753733.932  | 20.813 |
| S3P18    | 13/03/2025  | 319535.799  | 5753733.932  | 20.812 |
| S4P19    | 12/02/2025  | 319511.865  | 5753727.513  | 13.595 |
| S4P19    | 20/02/2025  | 319511.865  | 5753727.513  | 13.596 |
| S4P19    | 27/02/2025  | 319511.865  | 5753727.513  | 13.595 |
| S4P19    | 6/03/2025   | 319511.865  | 5753727.513  | 13.595 |
| S4P19    | 13/03/2025  | 319511.865  | 5753727.513  | 13.595 |
| S4P20    | 12/02/2025  | 319513.882  | 5753723.875  | 16.356 |

| Prism ID | Survey Date | Easting (m) | Northing (m) | RL (m) |
|----------|-------------|-------------|--------------|--------|
| S4P20    | 20/02/2025  | 319513.882  | 5753723.874  | 16.358 |
| S4P20    | 27/02/2025  | 319513.882  | 5753723.874  | 16.357 |
| S4P20    | 6/03/2025   | 319513.882  | 5753723.874  | 16.357 |
| S4P20    | 13/03/2025  | 319513.883  | 5753723.874  | 16.358 |
| S4P21    | 12/02/2025  | 319516.370  | 5753719.111  | 20.014 |
| S4P21    | 20/02/2025  | 319516.370  | 5753719.111  | 20.014 |
| S4P21    | 27/02/2025  | 319516.370  | 5753719.110  | 20.014 |
| S4P21    | 6/03/2025   | 319516.370  | 5753719.110  | 20.014 |
| S4P21    | 13/03/2025  | 319516.370  | 5753719.110  | 20.014 |
| S4P22    | 12/02/2025  | 319518.496  | 5753715.939  | 24.367 |
| S4P22    | 20/02/2025  | 319518.496  | 5753715.939  | 24.368 |
| S4P22    | 27/02/2025  | 319518.496  | 5753715.939  | 24.368 |
| S4P22    | 6/03/2025   | 319518.496  | 5753715.938  | 24.368 |
| S4P22    | 13/03/2025  | 319518.497  | 5753715.939  | 24.368 |
| S4P23    | 12/02/2025  | 319519.446  | 5753711.080  | 28.188 |
| S4P23    | 20/02/2025  | 319519.446  | 5753711.080  | 28.190 |
| S4P23    | 27/02/2025  | 319519.446  | 5753711.080  | 28.189 |
| S4P23    | 6/03/2025   | 319519.446  | 5753711.080  | 28.189 |
| S4P23    | 13/03/2025  | 319519.446  | 5753711.080  | 28.189 |
| S4P24    | 12/02/2025  | 319510.888  | 5753717.890  | 18.600 |
| S4P24    | 20/02/2025  | 319510.888  | 5753717.889  | 18.602 |
| S4P24    | 27/02/2025  | 319510.888  | 5753717.889  | 18.601 |
| S4P24    | 6/03/2025   | 319510.888  | 5753717.889  | 18.601 |
| S4P24    | 13/03/2025  | 319510.888  | 5753717.889  | 18.601 |
| S5P25    | 12/02/2025  | 319464.805  | 5753661.480  | 20.644 |
| S5P25    | 20/02/2025  | 319464.804  | 5753661.480  | 20.645 |
| S5P25    | 27/02/2025  | 319464.803  | 5753661.481  | 20.644 |
| S5P25    | 6/03/2025   | 319464.803  | 5753661.480  | 20.644 |
| S5P25    | 13/03/2025  | 319464.804  | 5753661.480  | 20.643 |
| S5P26    | 12/02/2025  | 319501.487  | 5753683.243  | 27.691 |
| S5P26    | 20/02/2025  | 319501.485  | 5753683.243  | 27.691 |
| S5P26    | 27/02/2025  | 319501.486  | 5753683.243  | 27.691 |
| S5P26    | 6/03/2025   | 319501.488  | 5753683.244  | 27.691 |
| S5P26    | 13/03/2025  | 319501.489  | 5753683.245  | 27.690 |
| S5P27    | 12/02/2025  | 319500.816  | 5753699.365  | 22.092 |
| S5P27    | 20/02/2025  | 319500.816  | 5753699.365  | 22.093 |
| S5P27    | 27/02/2025  | 319500.816  | 5753699.365  | 22.092 |
| S5P27    | 6/03/2025   | 319500.817  | 5753699.365  | 22.093 |
| S5P27    | 13/03/2025  | 319500.817  | 5753699.365  | 22.092 |
| S5P28    | 12/02/2025  | 319501.883  | 5753707.991  | 19.601 |
| S5P28    | 20/02/2025  | 319501.883  | 5753707.991  | 19.602 |
| S5P28    | 27/02/2025  | 319501.883  | 5753707.991  | 19.601 |
| S5P28    | 6/03/2025   | 319501.883  | 5753707.991  | 19.602 |
| S5P28    | 13/03/2025  | 319501.883  | 5753707.991  | 19.601 |
| S5P29    | 12/02/2025  | 319510.670  | 5753705.418  | 26.674 |
| S5P29    | 20/02/2025  | 319510.669  | 5753705.419  | 26.675 |

| Prism ID | Survey Date | Easting (m) | Northing (m) | RL (m) |
|----------|-------------|-------------|--------------|--------|
| S5P29    | 27/02/2025  | 319510.669  | 5753705.420  | 26.674 |
| S5P29    | 6/03/2025   | 319510.669  | 5753705.419  | 26.675 |
| S5P29    | 13/03/2025  | 319510.669  | 5753705.420  | 26.674 |
| S5P30    | 12/02/2025  | 319537.264  | 5753727.604  | 26.880 |
| S5P30    | 20/02/2025  | 319537.264  | 5753727.604  | 26.881 |
| S5P30    | 27/02/2025  | 319537.264  | 5753727.604  | 26.880 |
| S5P30    | 6/03/2025   | 319537.264  | 5753727.604  | 26.881 |
| S5P30    | 13/03/2025  | 319537.264  | 5753727.604  | 26.880 |
| S6P34    | 20/02/2025  | 319458.812  | 5753656.785  | 19.662 |
| S6P34    | 27/02/2025  | 319458.812  | 5753656.786  | 19.663 |
| S6P34    | 6/03/2025   | 319458.812  | 5753656.786  | 19.663 |
| S6P34    | 13/03/2025  | 319458.815  | 5753656.783  | 19.661 |
| S6P35    | 20/02/2025  | 319457.955  | 5753658.070  | 18.866 |
| S6P35    | 27/02/2025  | 319457.956  | 5753658.070  | 18.866 |
| S6P35    | 6/03/2025   | 319457.957  | 5753658.070  | 18.866 |
| S6P35    | 13/03/2025  | 319457.959  | 5753658.068  | 18.866 |
| S6P36    | 27/02/2025  | 319460.138  | 5753656.446  | 25.933 |
| S6P36    | 6/03/2025   | 319460.138  | 5753656.447  | 25.934 |
| S6P36    | 13/03/2025  | 319460.141  | 5753656.444  | 25.933 |



## **Survey prism monitoring summary**

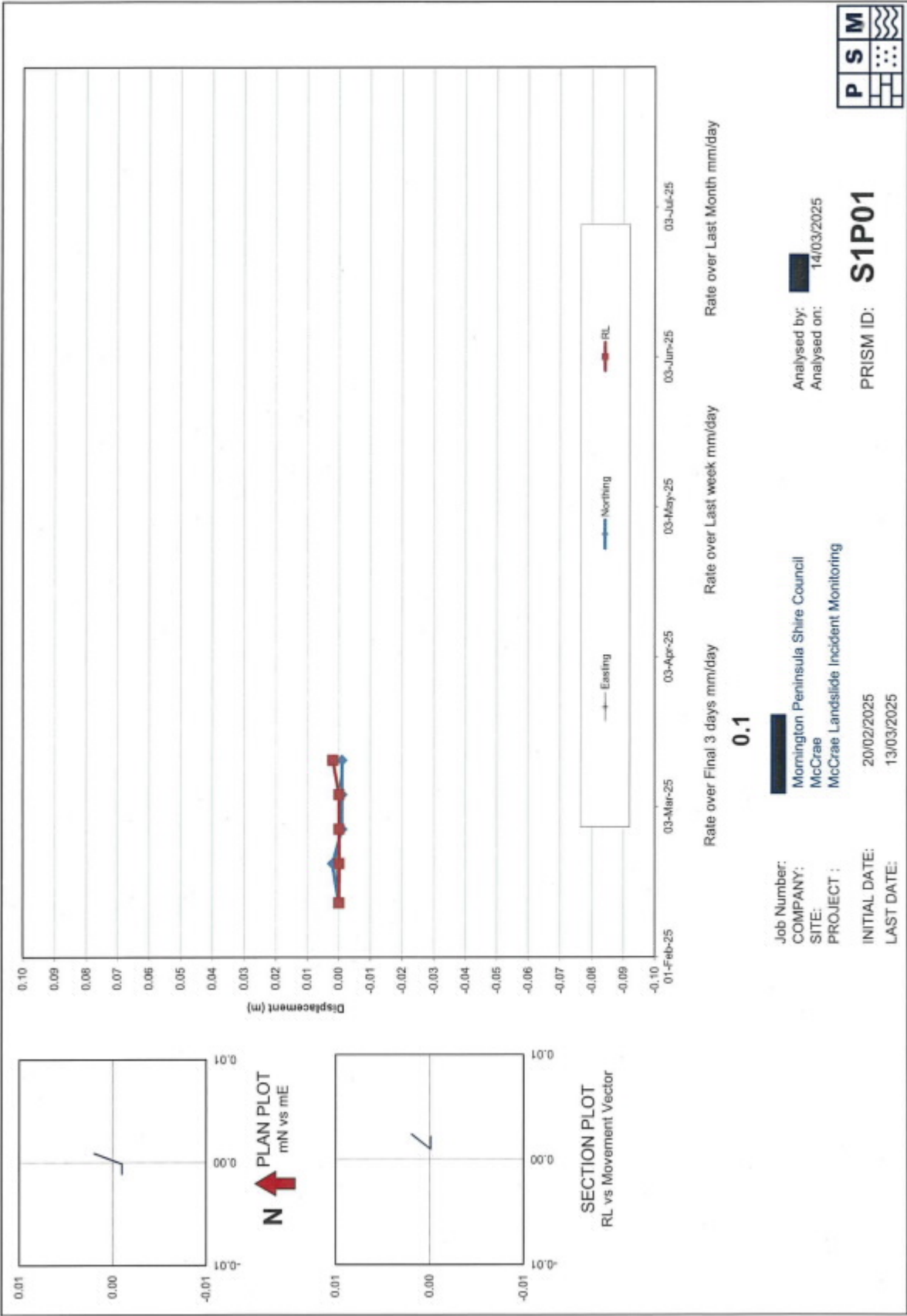
Table D1 – Survey monitoring summary

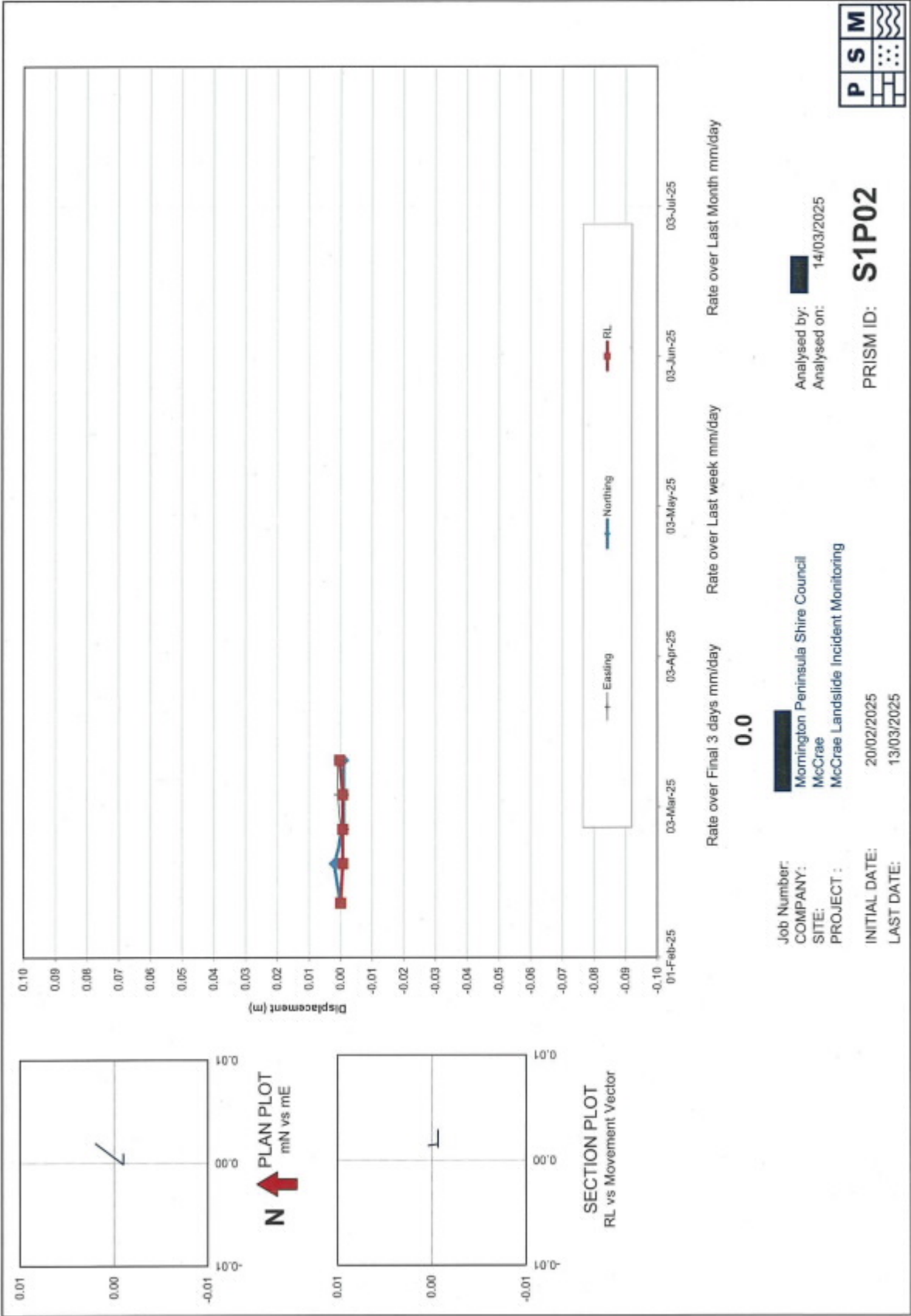
| Prism ID | Start Date | Base (m)   |             |        | Displacement (m) |           |            | Total Movement Vector |           |                         | Average Rate (mm/day) |                 |                 |                  |
|----------|------------|------------|-------------|--------|------------------|-----------|------------|-----------------------|-----------|-------------------------|-----------------------|-----------------|-----------------|------------------|
|          |            | Easting    | Northing    | RL     | Last Date        | Δ Easting | Δ Northing | Δ RL                  | Magnitude | Plunge (°)<br>(up is +) | Azimuth (°)           | last 3 readings | last 7 readings | last 30 readings |
| S1P01    | 12-Feb-25  | 319578.865 | 5753744.880 | 23.926 | 13-Mar-25        | -0.001    | -0.001     | 0.002                 | 0.002     | 52.0                    | 227.7                 | 0.1             |                 |                  |
| S1P02    | 12-Feb-25  | 319573.541 | 5753749.185 | 22.991 | 13-Mar-25        | 0.001     | -0.001     | 0.000                 | 0.001     | 12.6                    | 138.0                 | 0.0             |                 |                  |
| S1P03    | 12-Feb-25  | 319573.873 | 5753743.899 | 26.409 | 13-Mar-25        | -0.001    | -0.001     | 0.001                 | 0.002     | 23.1                    | 232.4                 | 0.0             |                 |                  |
| S3P05    | 12-Feb-25  | 319569.139 | 5753745.501 | 25.419 | 13-Mar-25        | 0.001     | 0.001      | 0.000                 | 0.001     | -4.3                    | 42.0                  | 0.0             |                 |                  |
| S3P06    | 12-Feb-25  | 319569.429 | 5753748.276 | 23.723 | 13-Mar-25        | 0.000     | 0.000      | 0.000                 | 0.000     | -14.0                   | 90.0                  | 0.0             |                 |                  |
| S3P07    | 12-Feb-25  | 319565.757 | 5753753.050 | 20.181 | 13-Mar-25        | 0.000     | 0.000      | -0.001                | 0.001     | -50.2                   | 90.0                  | 0.0             |                 |                  |
| S3P08    | 12-Feb-25  | 319558.404 | 5753748.044 | 20.321 | 13-Mar-25        | 0.001     | -0.002     | 0.000                 | 0.002     | -9.3                    | 145.0                 | 0.1             |                 |                  |
| S3P09    | 12-Feb-25  | 319551.813 | 5753749.725 | 15.989 | 13-Mar-25        | 0.000     | -0.001     | 0.000                 | 0.001     | -21.0                   | 163.3                 | 0.0             |                 |                  |
| S3P10    | 12-Feb-25  | 319554.096 | 5753743.851 | 20.636 | 13-Mar-25        | 0.002     | -0.001     | 0.000                 | 0.002     | 7.1                     | 114.4                 | 0.1             |                 |                  |
| S3P11    | 12-Feb-25  | 319550.572 | 5753743.992 | 17.689 | 13-Mar-25        | 0.002     | 0.000      | 0.000                 | 0.002     | 14.7                    | 90.0                  | 0.1             |                 |                  |
| S3P12    | 12-Feb-25  | 319556.438 | 5753719.653 | 30.063 | 13-Mar-25        | -0.001    | 0.000      | 0.000                 | 0.001     | 21.8                    | 270.0                 | -0.1            |                 |                  |
| S3P13    | 12-Feb-25  | 319553.897 | 5753718.704 | 30.233 | 13-Mar-25        | 0.000     | 0.001      | 0.001                 | 0.001     | 35.0                    | 0.0                   | 0.0             |                 |                  |
| S3P14    | 12-Feb-25  | 319550.979 | 5753723.316 | 26.793 | 13-Mar-25        | -0.001    | -0.001     | 0.000                 | 0.001     | 19.5                    | 225.0                 | 0.0             |                 |                  |
| S3P15    | 12-Feb-25  | 319553.059 | 5753713.284 | 34.077 | 13-Mar-25        | 0.000     | -0.001     | 0.000                 | 0.001     | 16.0                    | 163.3                 | 0.0             |                 |                  |
| S3P16    | 12-Feb-25  | 319545.480 | 5753722.252 | 28.079 | 13-Mar-25        | 0.001     | 0.001      | 0.000                 | 0.001     | 0.0                     | 45.0                  | 0.0             |                 |                  |
| S3P17    | 12-Feb-25  | 319537.244 | 5753739.894 | 15.611 | 13-Mar-25        | 0.000     | -0.001     | 0.000                 | 0.001     | 19.7                    | 206.6                 | 0.0             |                 |                  |
| S3P18    | 12-Feb-25  | 319535.799 | 5753733.932 | 20.813 | 13-Mar-25        | 0.000     | 0.000      | 0.000                 | 0.001     | -78.7                   | 90.0                  | -0.1            |                 |                  |
| S4P19    | 12-Feb-25  | 319511.865 | 5753727.513 | 13.595 | 13-Mar-25        | 0.000     | 0.000      | 0.000                 | 0.000     | 71.6                    | 270.0                 | 0.0             |                 |                  |
| S4P20    | 12-Feb-25  | 319513.882 | 5753723.875 | 16.356 | 13-Mar-25        | 0.001     | -0.001     | 0.002                 | 0.002     | 52.7                    | 145.0                 | 0.1             |                 |                  |
| S4P21    | 12-Feb-25  | 319516.370 | 5753719.111 | 20.014 | 13-Mar-25        | 0.000     | -0.001     | 0.000                 | 0.001     | 25.6                    | 196.7                 | 0.0             |                 |                  |
| S4P22    | 12-Feb-25  | 319518.496 | 5753715.939 | 24.367 | 13-Mar-25        | 0.001     | 0.000      | 0.001                 | 0.001     | 48.4                    | 90.0                  | 0.0             |                 |                  |

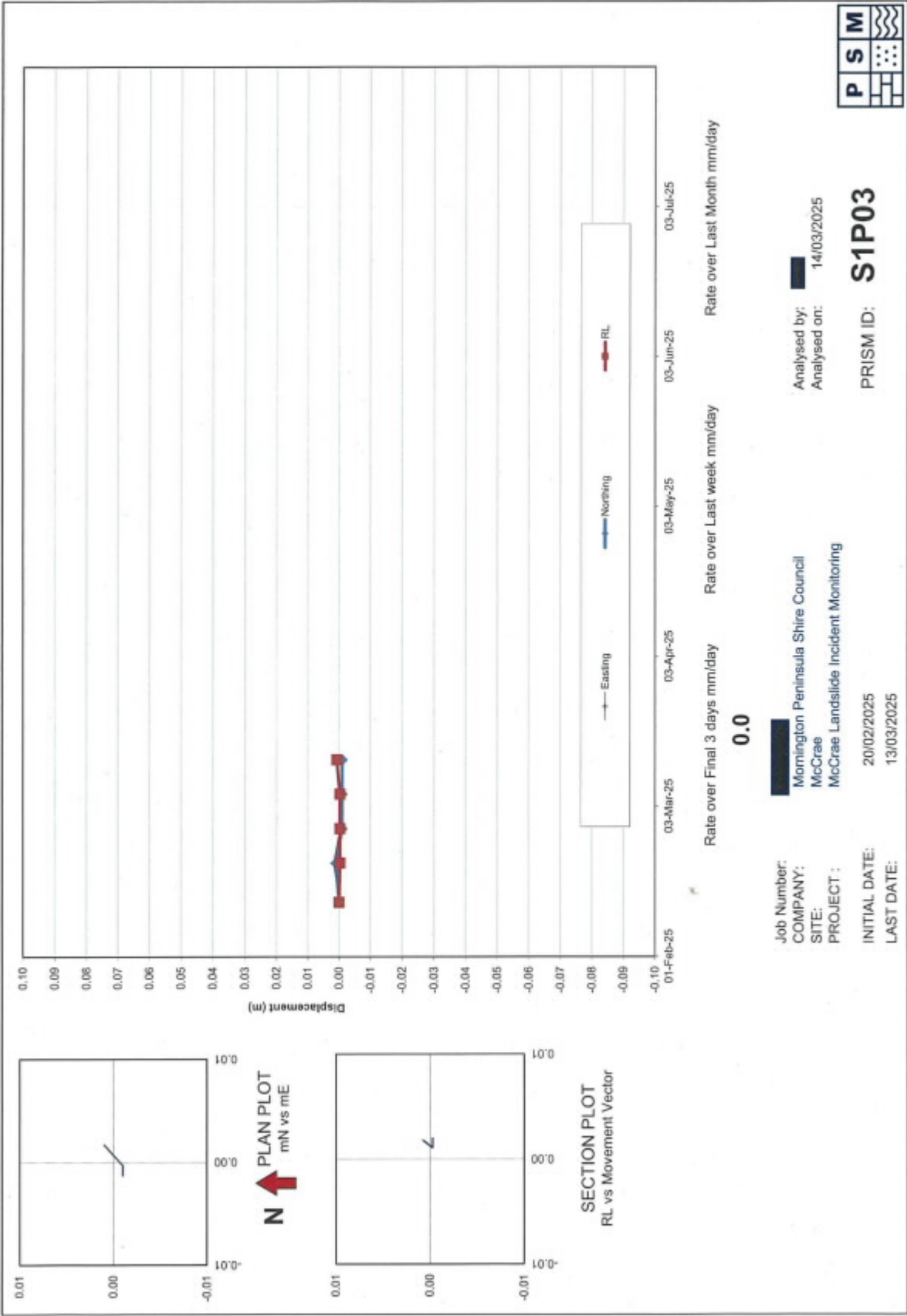
|       |           | Base (m)   |             |        | Displacement (m) |        |        | Total Movement Vector |       |       | Average Rate (mm/day) |      |  |
|-------|-----------|------------|-------------|--------|------------------|--------|--------|-----------------------|-------|-------|-----------------------|------|--|
|       |           |            |             |        |                  |        |        |                       |       |       |                       |      |  |
| S4P23 | 12-Feb-25 | 319519.446 | 5753711.080 | 28.188 | 13-Mar-25        | 0.000  | 0.000  | 0.001                 | 0.001 | 90.0  | 0.0                   | 0.0  |  |
| S4P24 | 12-Feb-25 | 319510.888 | 5753717.890 | 18.600 | 13-Mar-25        | 0.000  | -0.001 | 0.001                 | 0.001 | 42.0  | 180.0                 | 0.0  |  |
| S5P25 | 12-Feb-25 | 319464.805 | 5753661.480 | 20.644 | 13-Mar-25        | -0.001 | 0.000  | -0.001                | 0.001 | -50.2 | 270.0                 | -0.1 |  |
| S5P26 | 12-Feb-25 | 319501.487 | 5753683.243 | 27.691 | 13-Mar-25        | 0.003  | 0.002  | 0.000                 | 0.003 | -8.9  | 51.3                  | 0.2  |  |
| S5P27 | 12-Feb-25 | 319500.816 | 5753699.365 | 22.092 | 13-Mar-25        | 0.001  | 0.000  | 0.000                 | 0.001 | 20.6  | 90.0                  | 0.0  |  |
| S5P28 | 12-Feb-25 | 319501.883 | 5753707.991 | 19.601 | 13-Mar-25        | 0.000  | 0.000  | 0.000                 | 0.000 | 90.0  | 0.0                   | 0.0  |  |
| S5P29 | 12-Feb-25 | 319510.670 | 5753705.418 | 26.674 | 13-Mar-25        | -0.001 | 0.002  | 0.000                 | 0.002 | 8.2   | 343.3                 | 0.0  |  |
| S5P30 | 12-Feb-25 | 319537.264 | 5753727.604 | 26.880 | 13-Mar-25        | 0.000  | 0.000  | 0.000                 | 0.000 | 63.4  | 270.0                 | 0.0  |  |
| S6P34 | 20-Feb-25 | 319458.812 | 5753656.785 | 19.662 | 13-Mar-25        | 0.003  | -0.002 | -0.001                | 0.004 | -15.6 | 120.5                 | 0.2  |  |
| S6P35 | 20-Feb-25 | 319457.955 | 5753658.070 | 18.866 | 13-Mar-25        | 0.004  | -0.002 | 0.000                 | 0.004 | -2.8  | 119.1                 | 0.2  |  |
| S6P36 | 27-Feb-25 | 319460.138 | 5753656.446 | 25.933 | 13-Mar-25        | 0.003  | -0.002 | 0.000                 | 0.004 | 4.9   | 124.6                 | 0.3  |  |

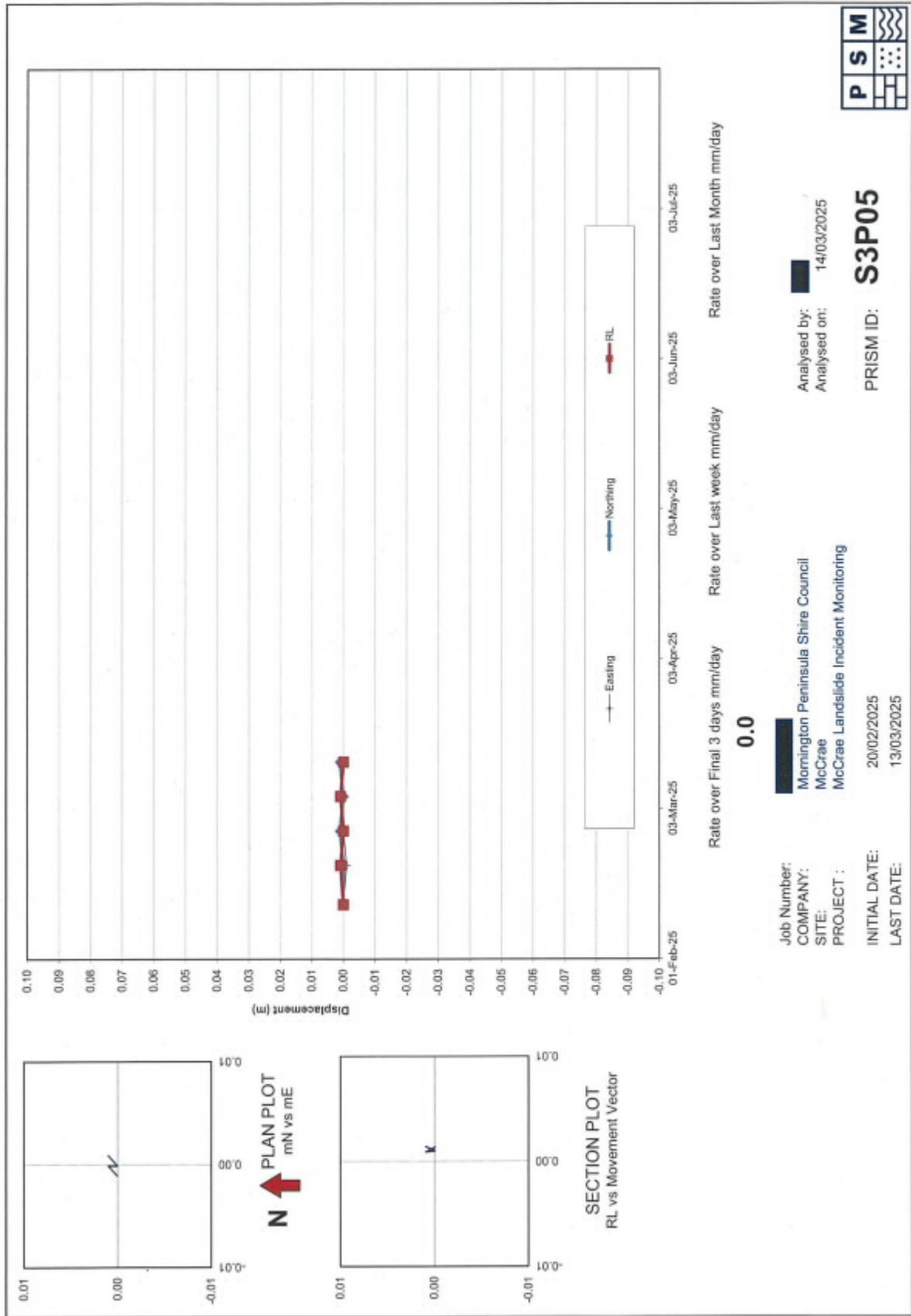


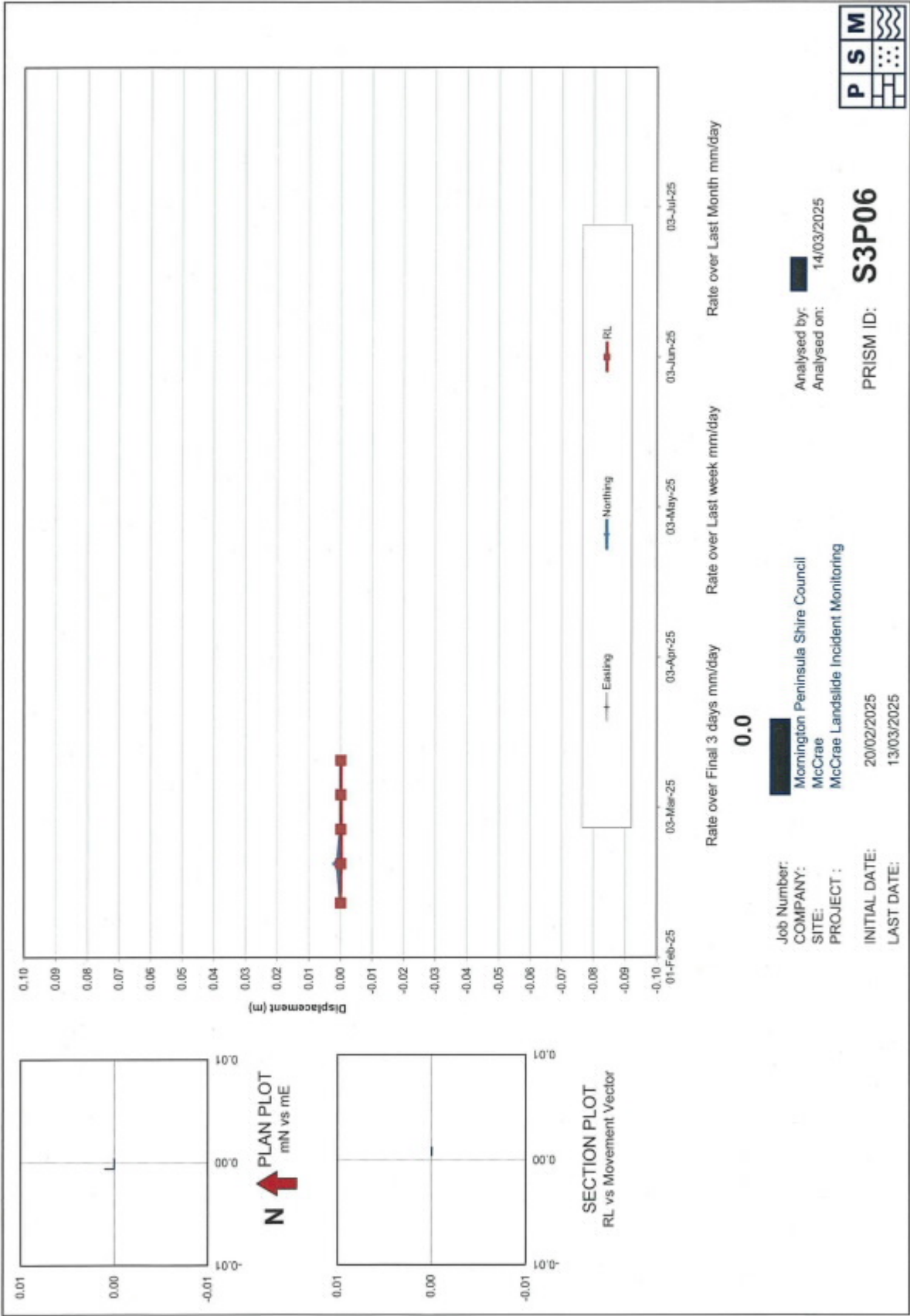
## **Survey prism monitoring plots**

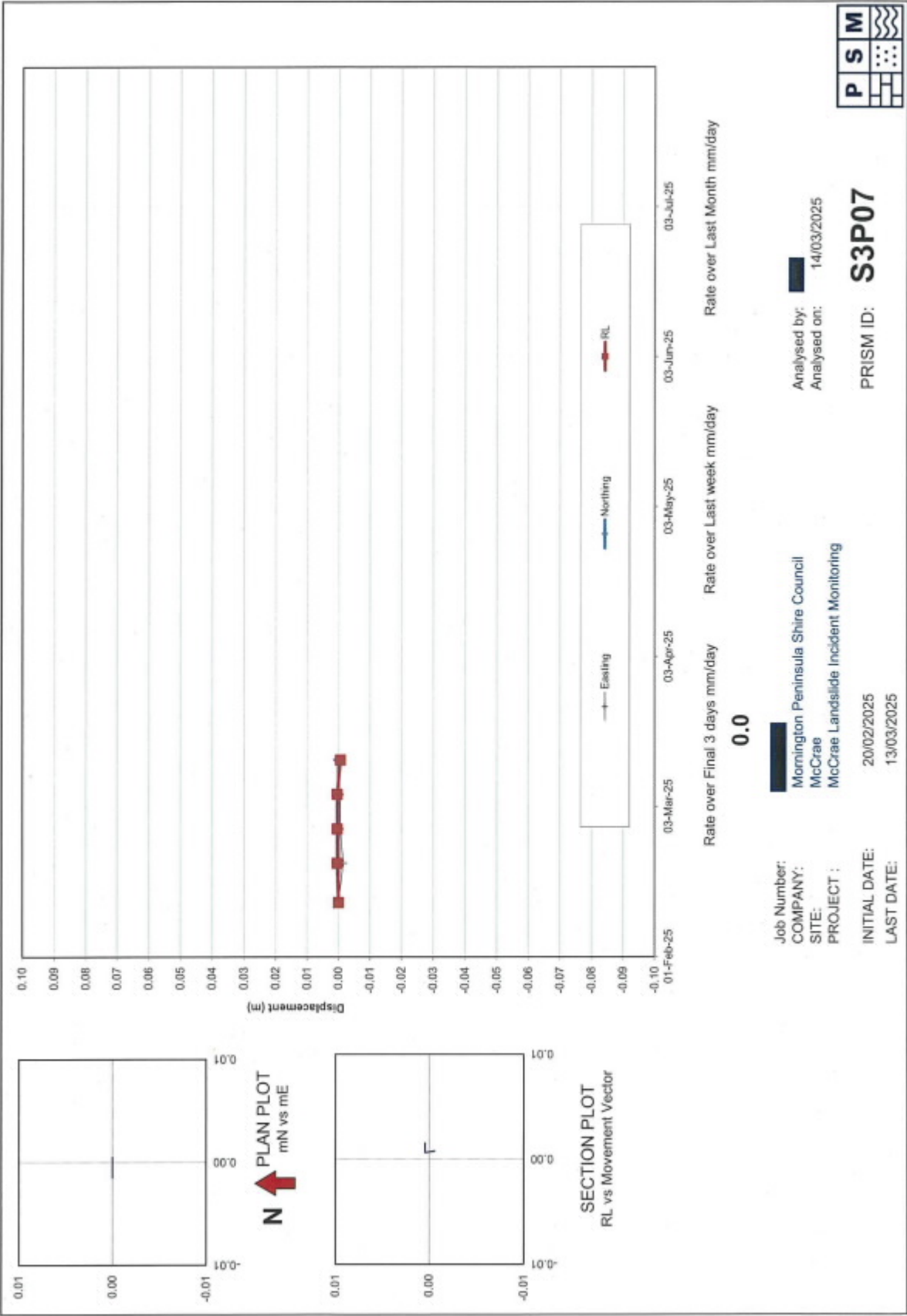


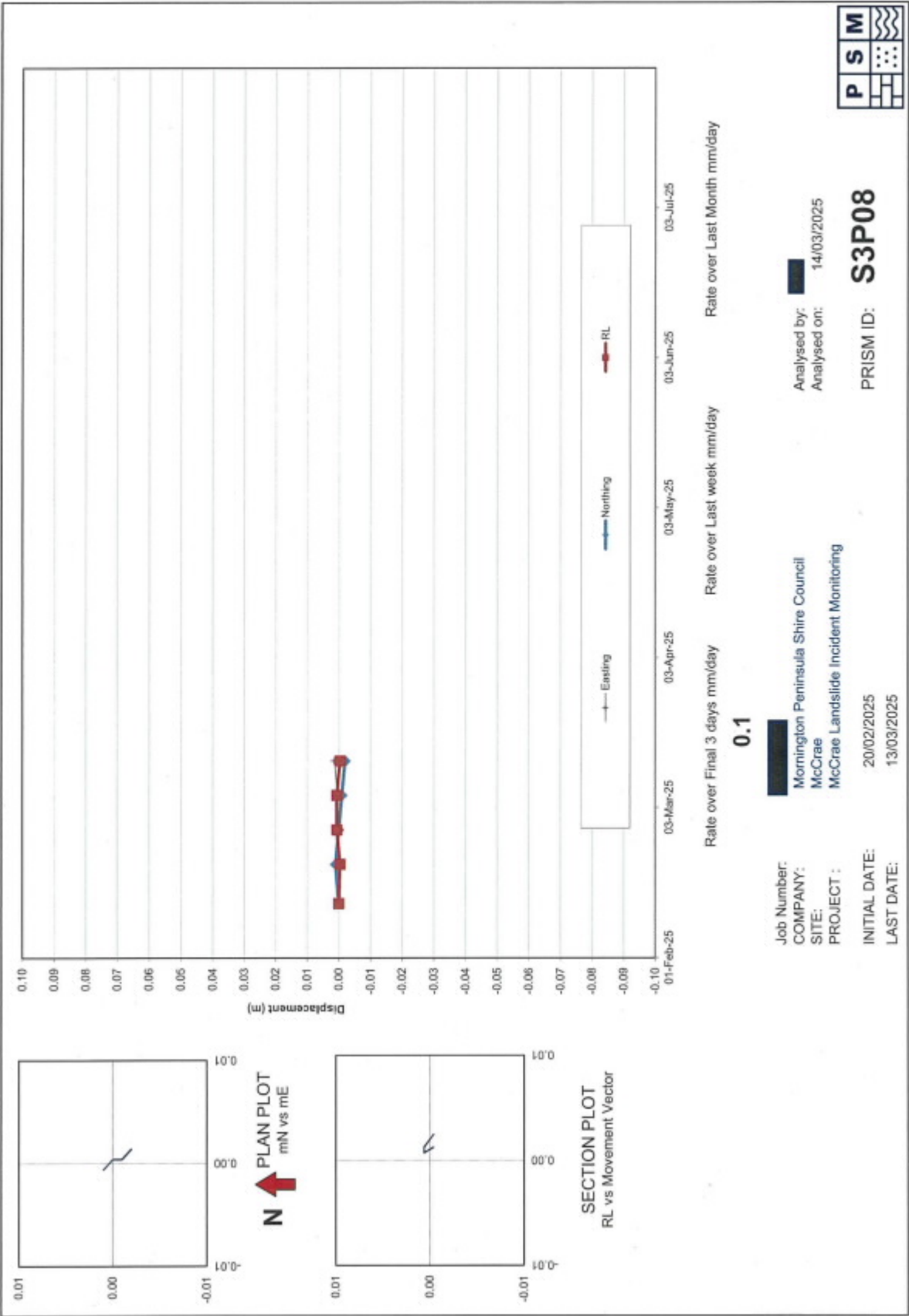






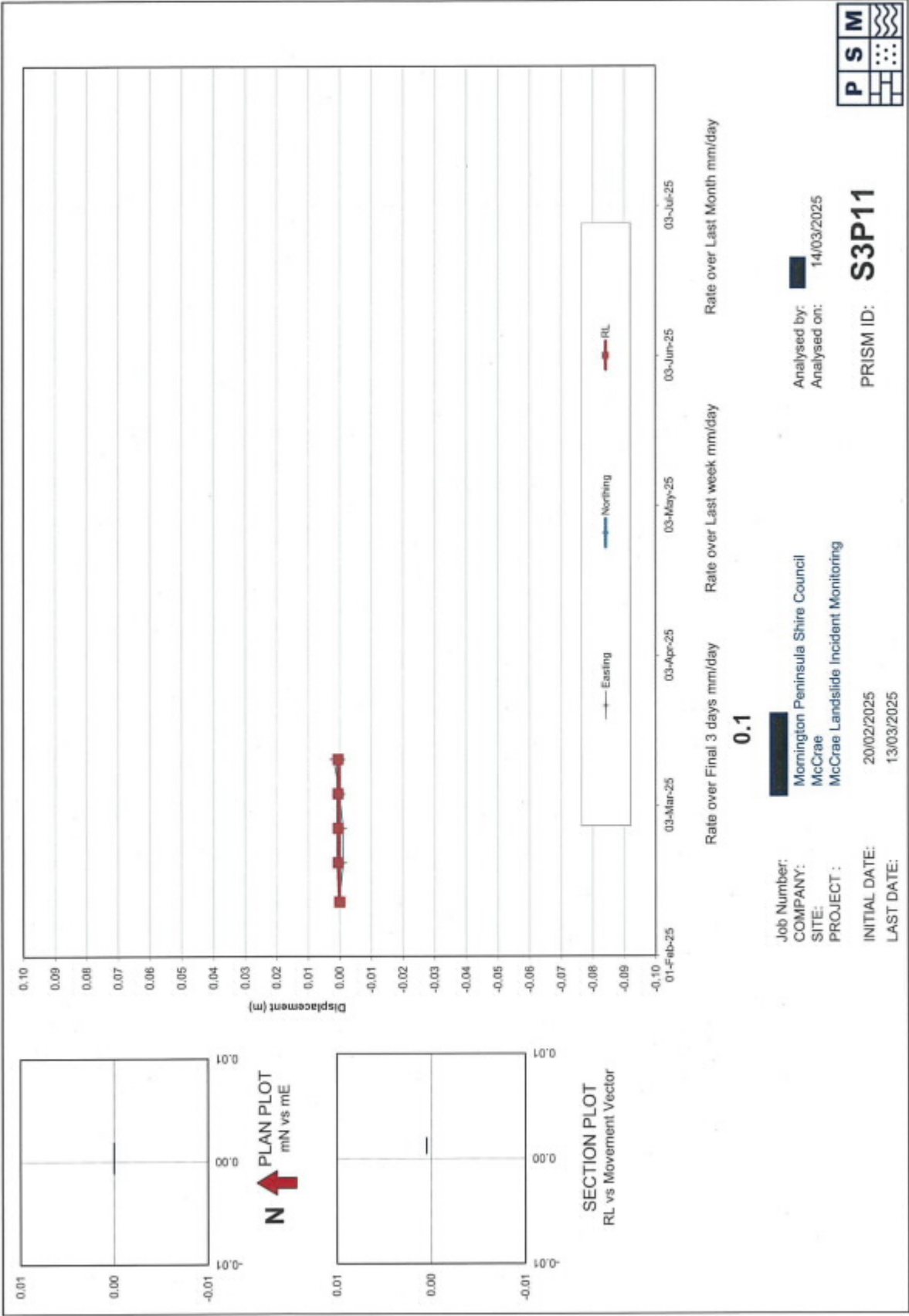


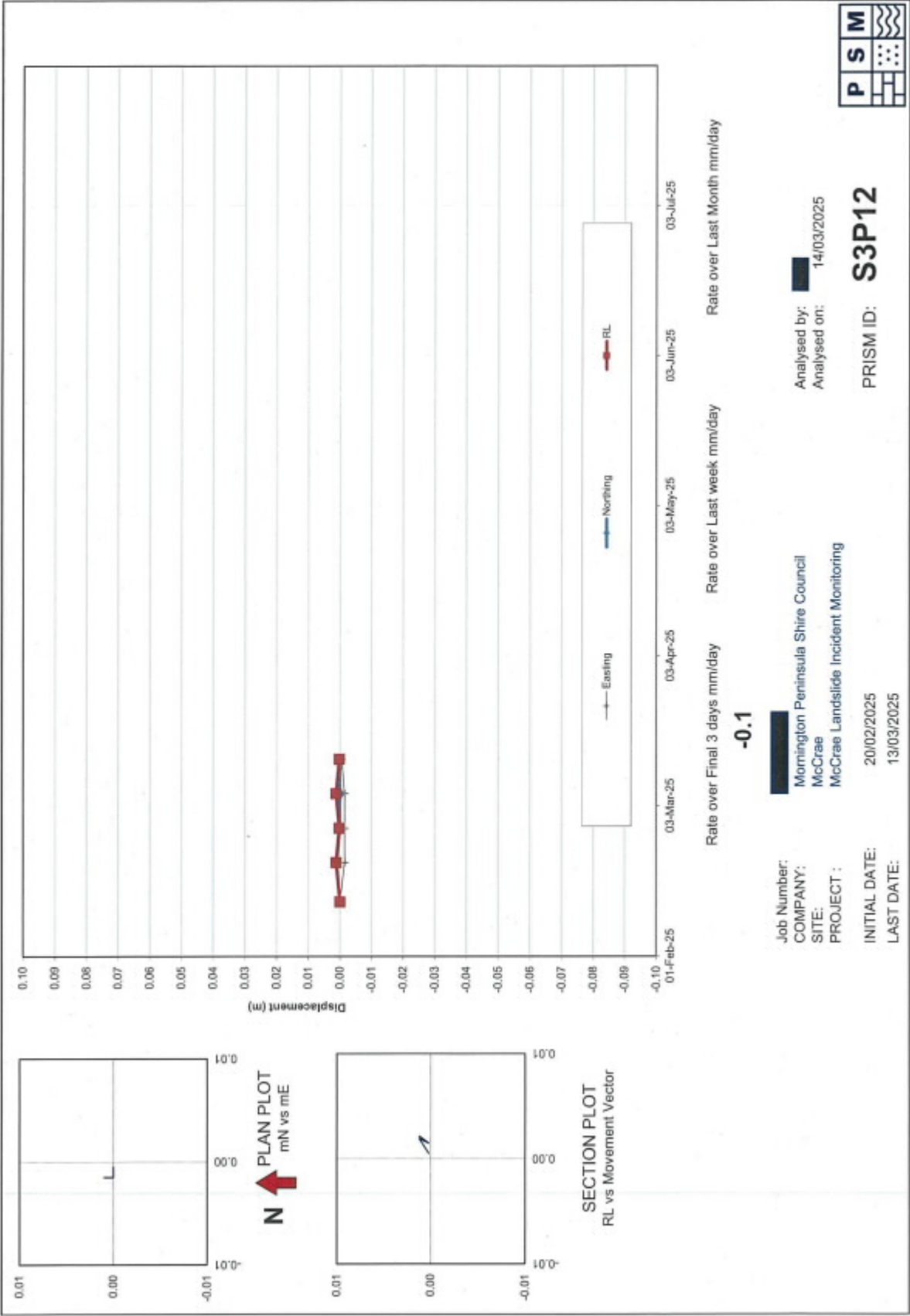




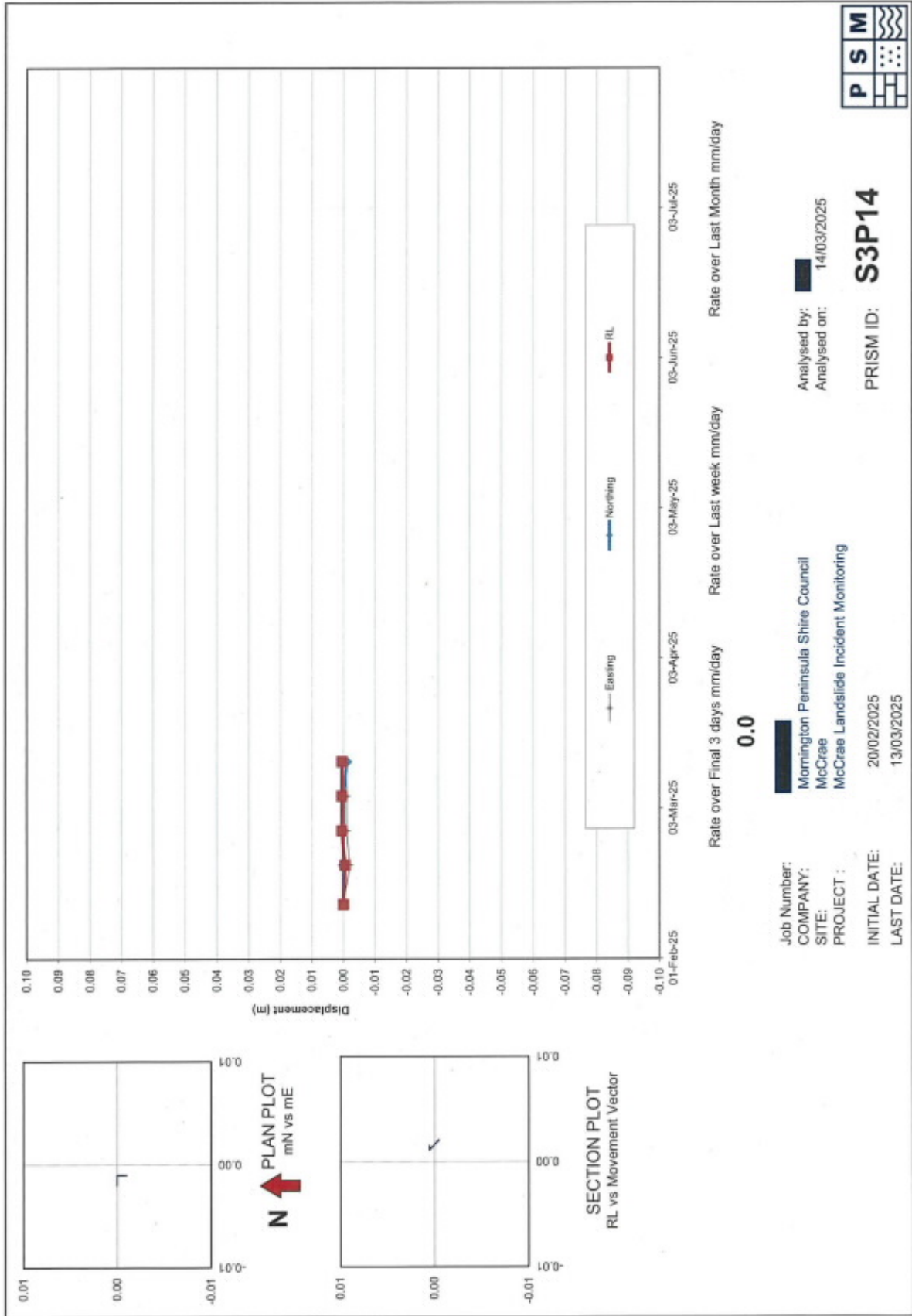


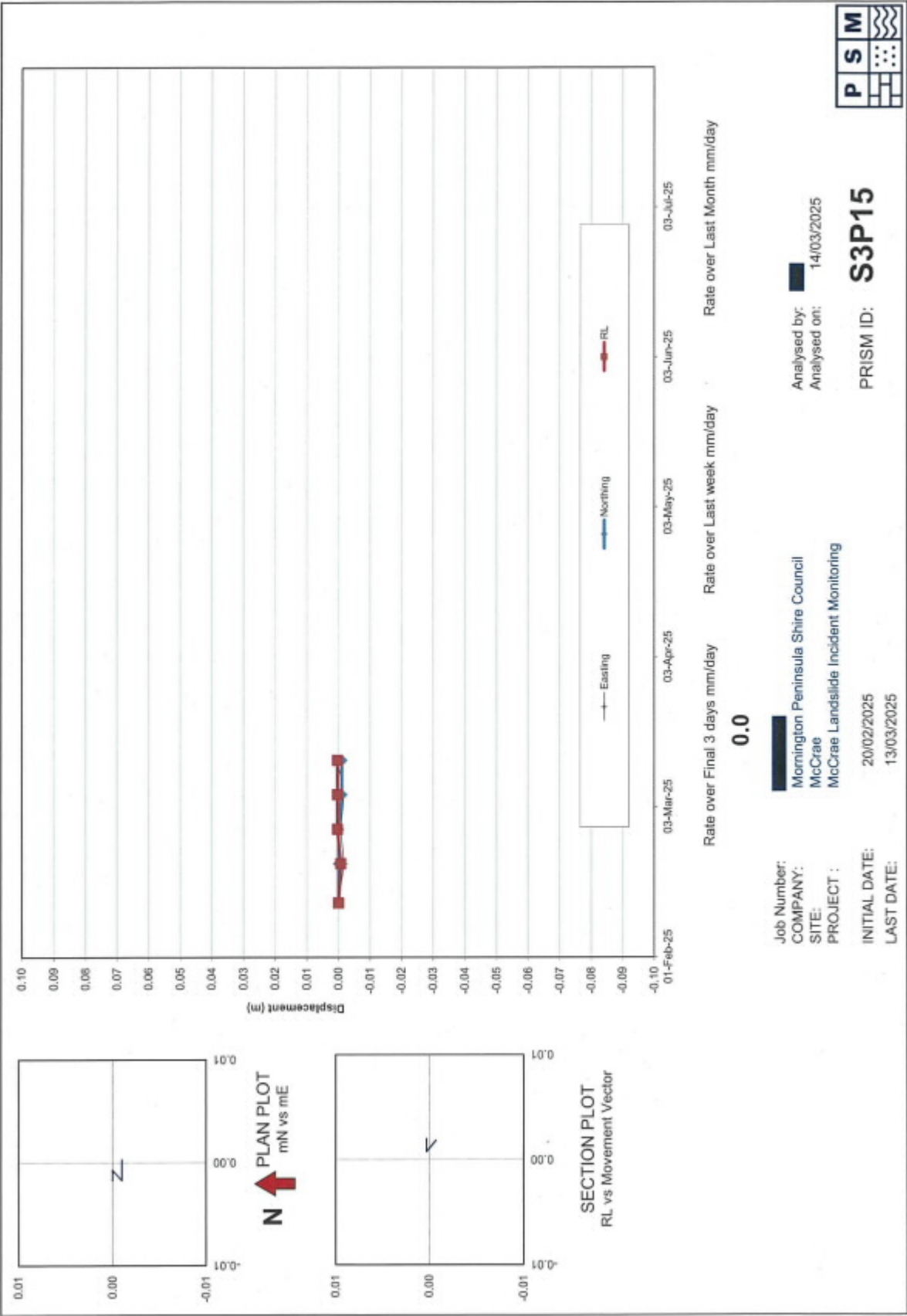


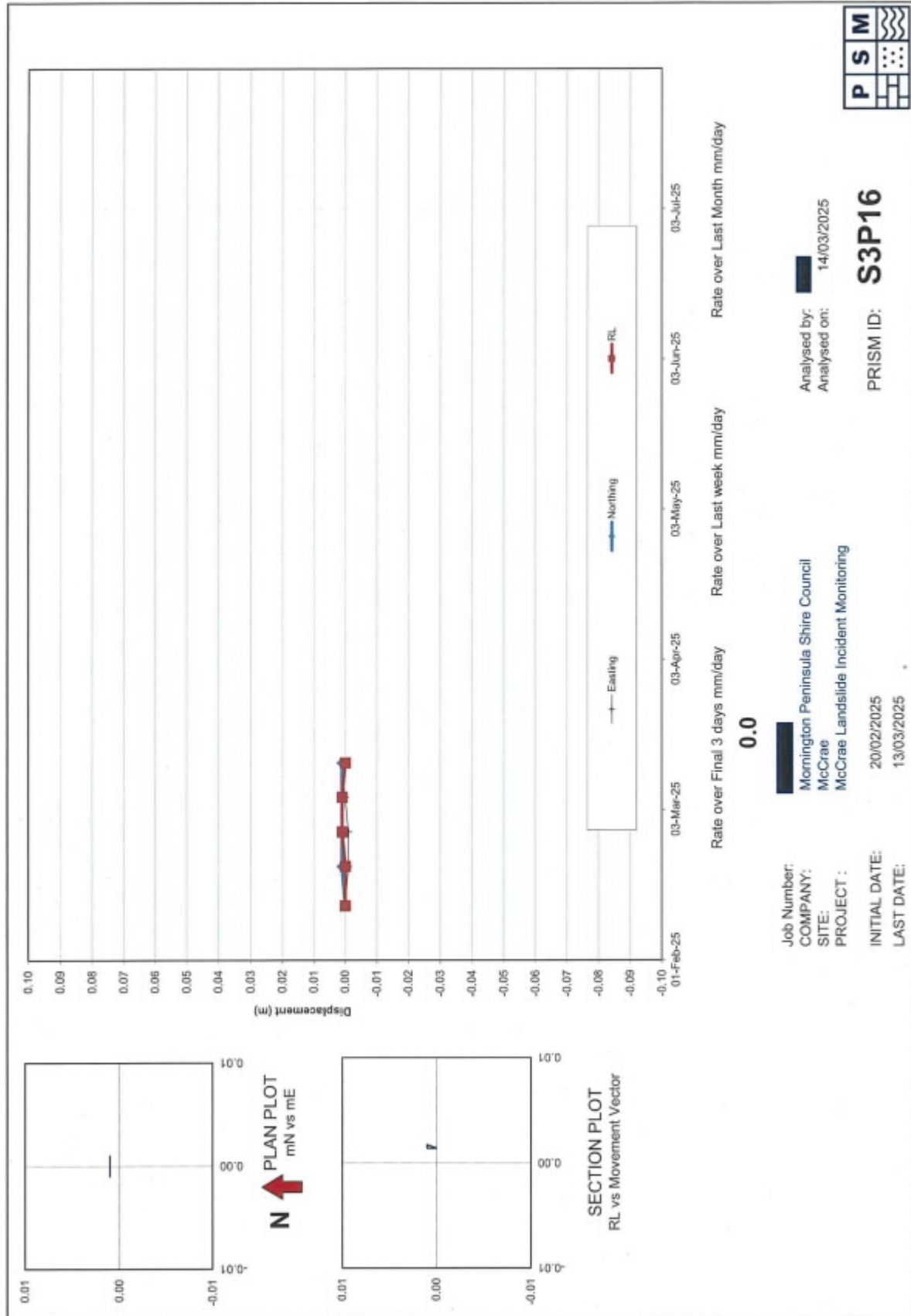


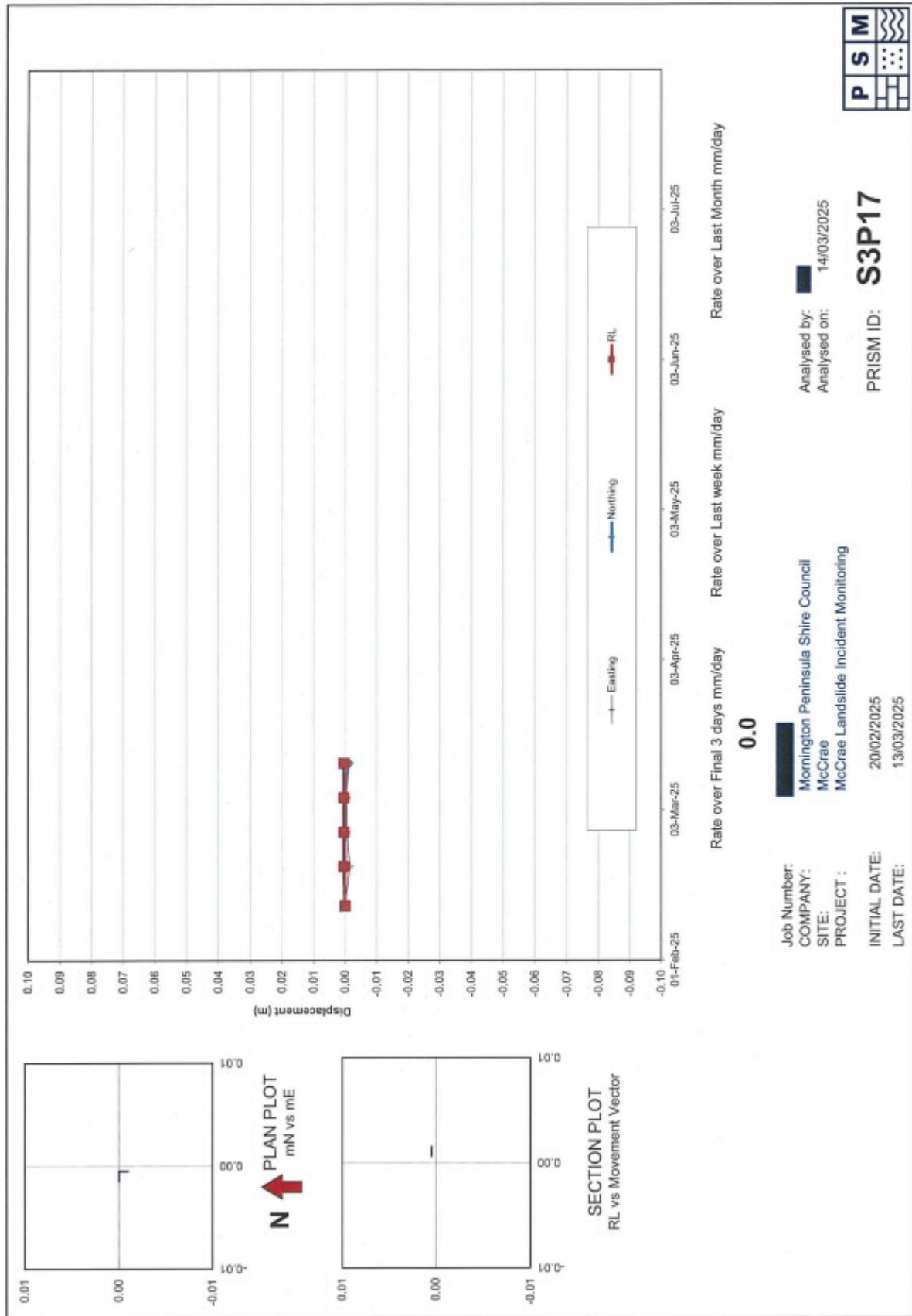


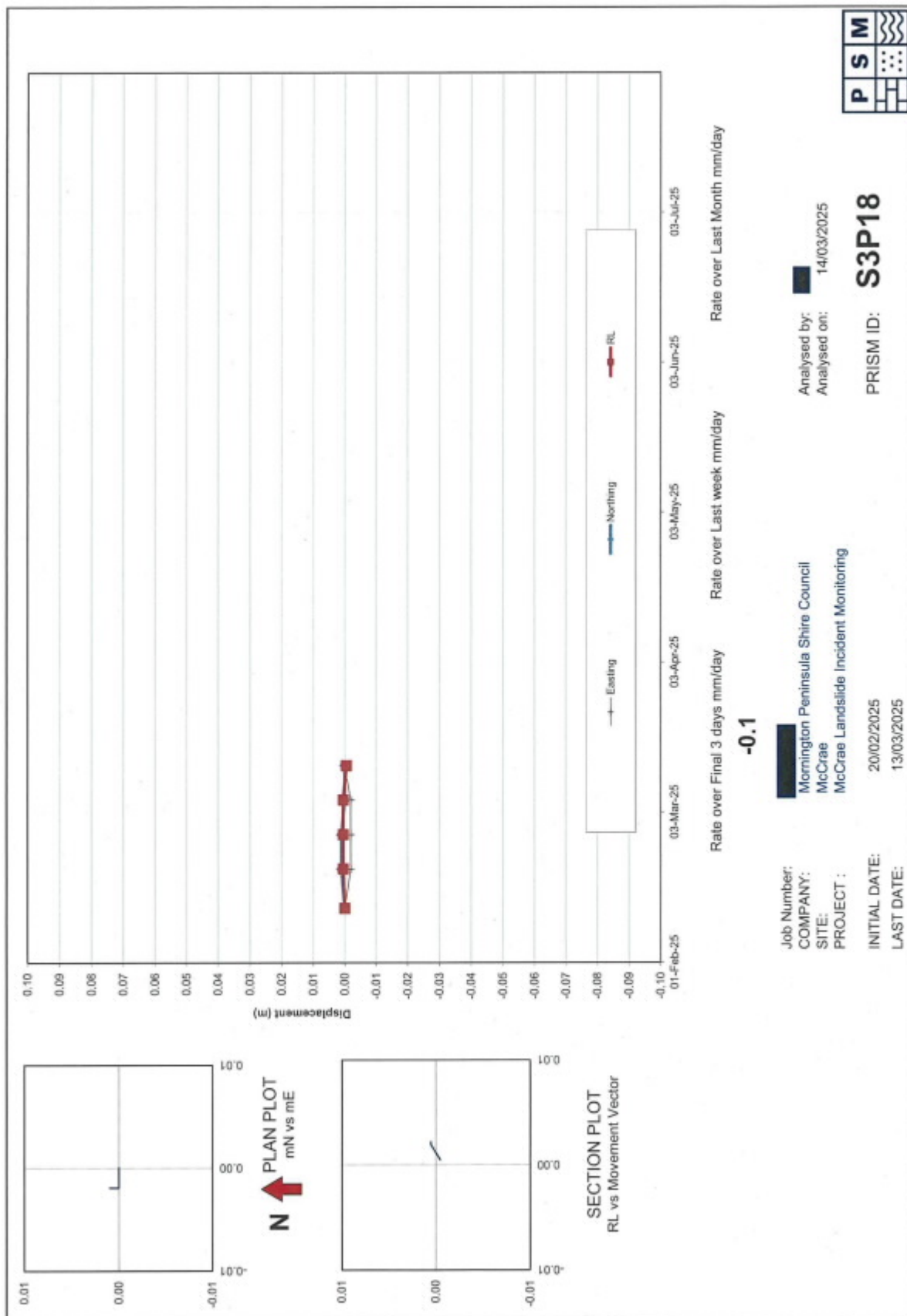










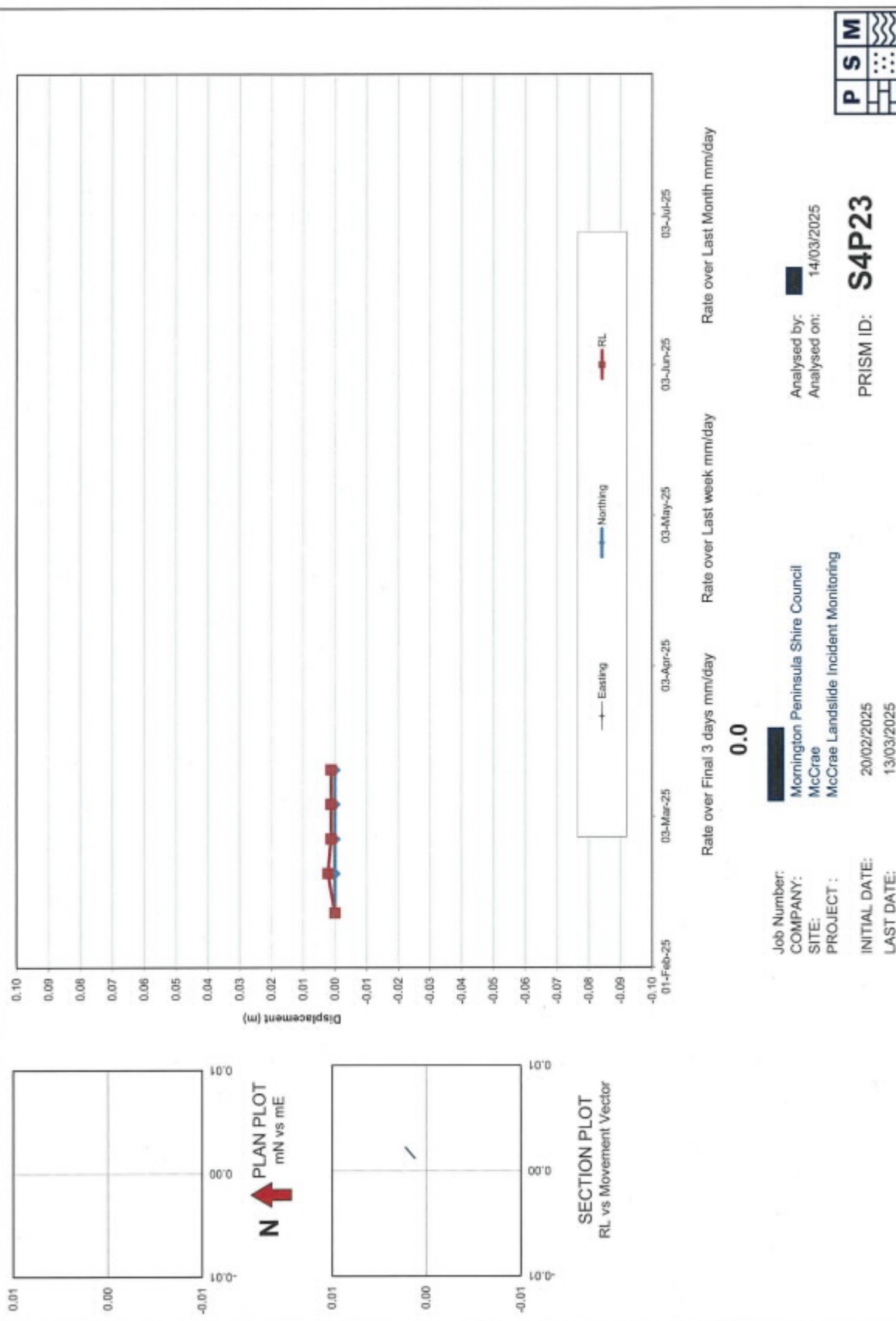


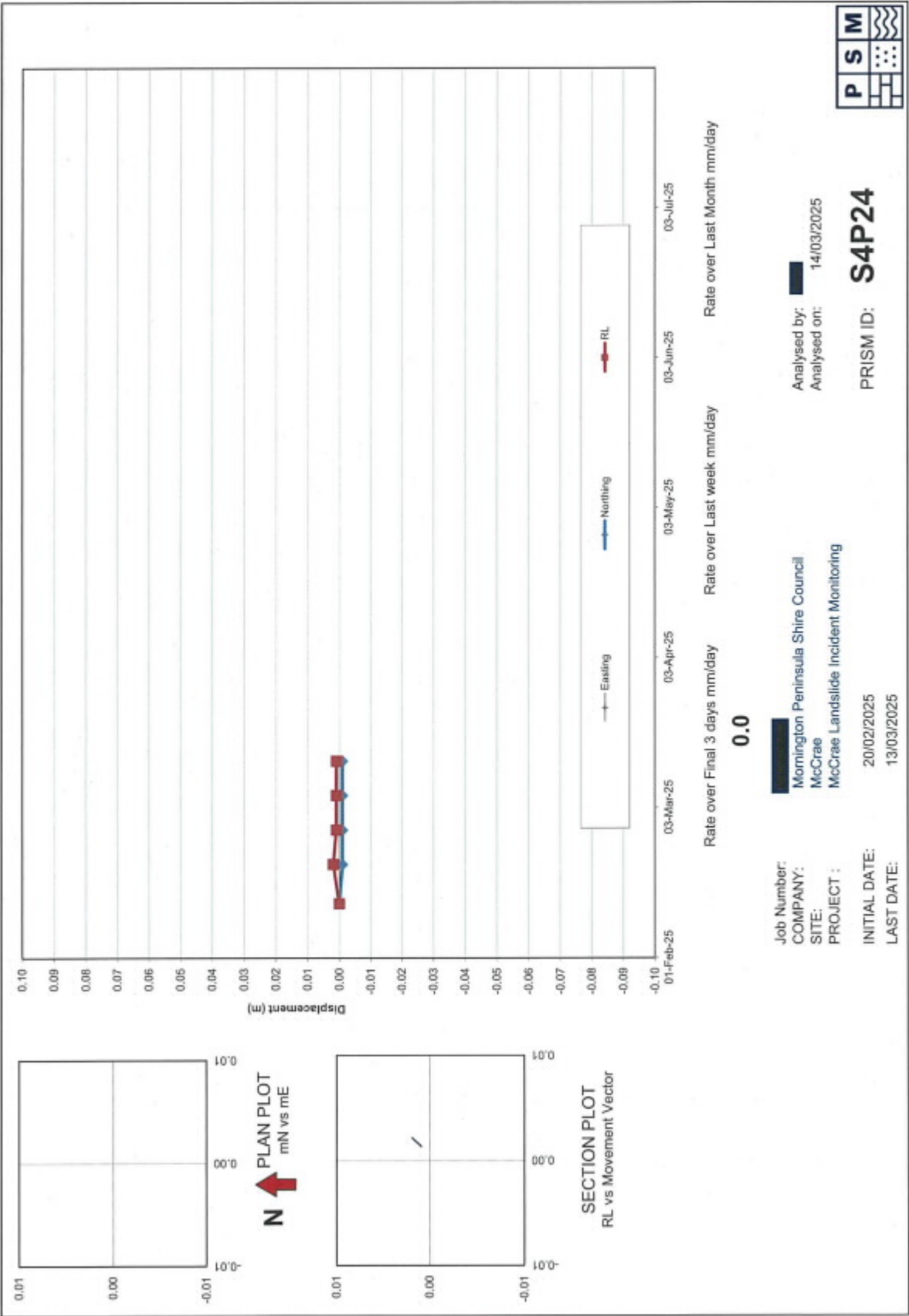


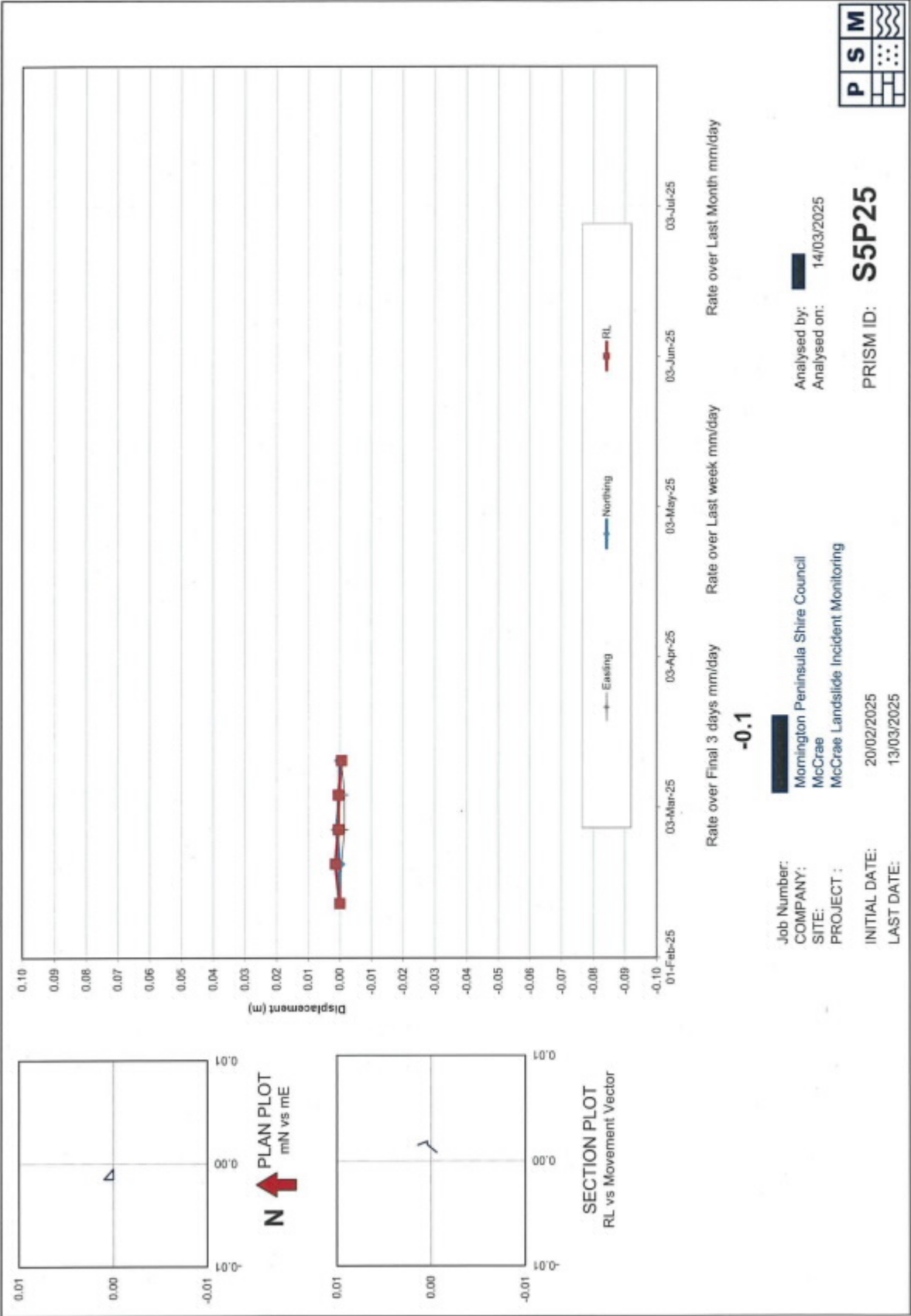


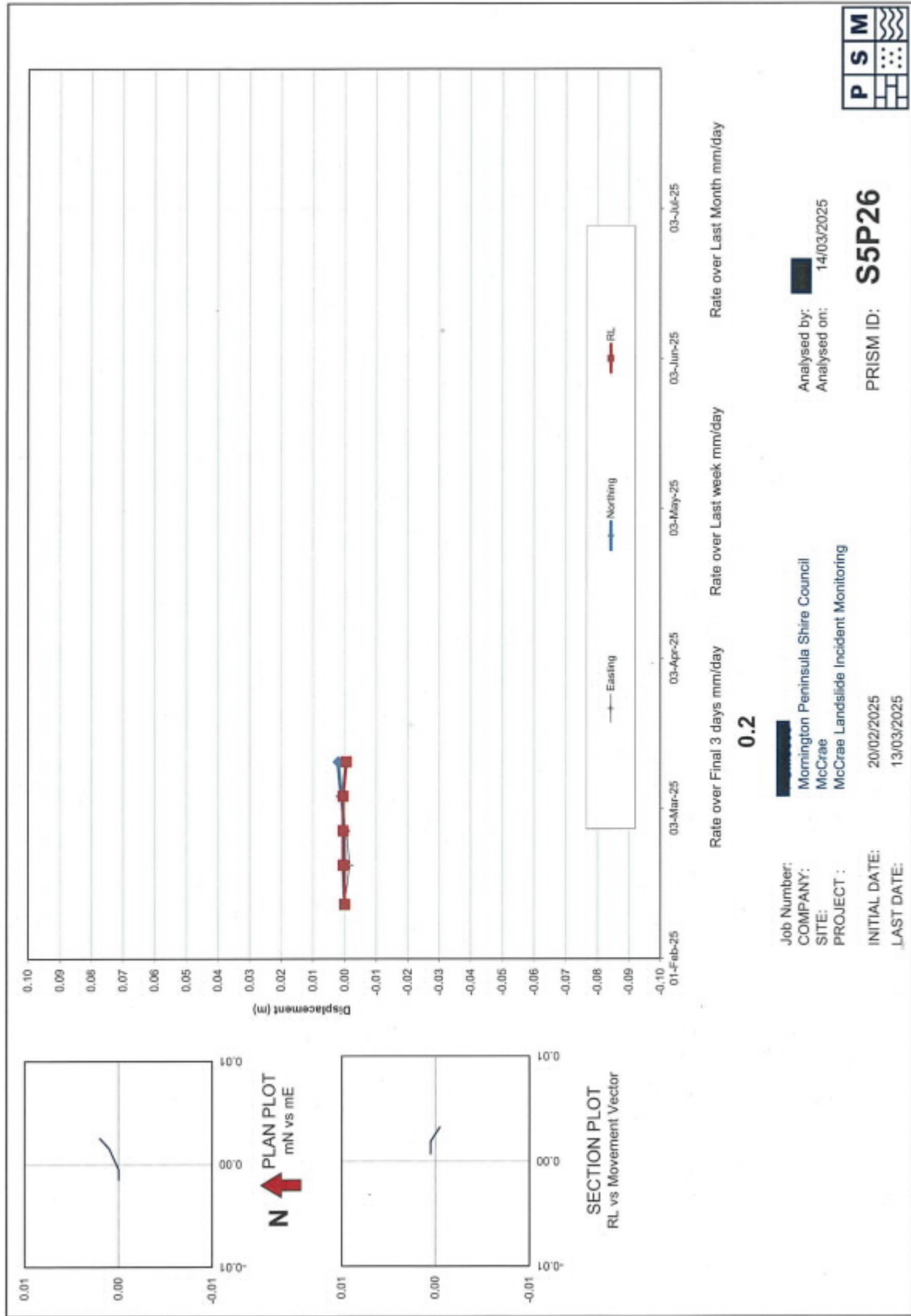


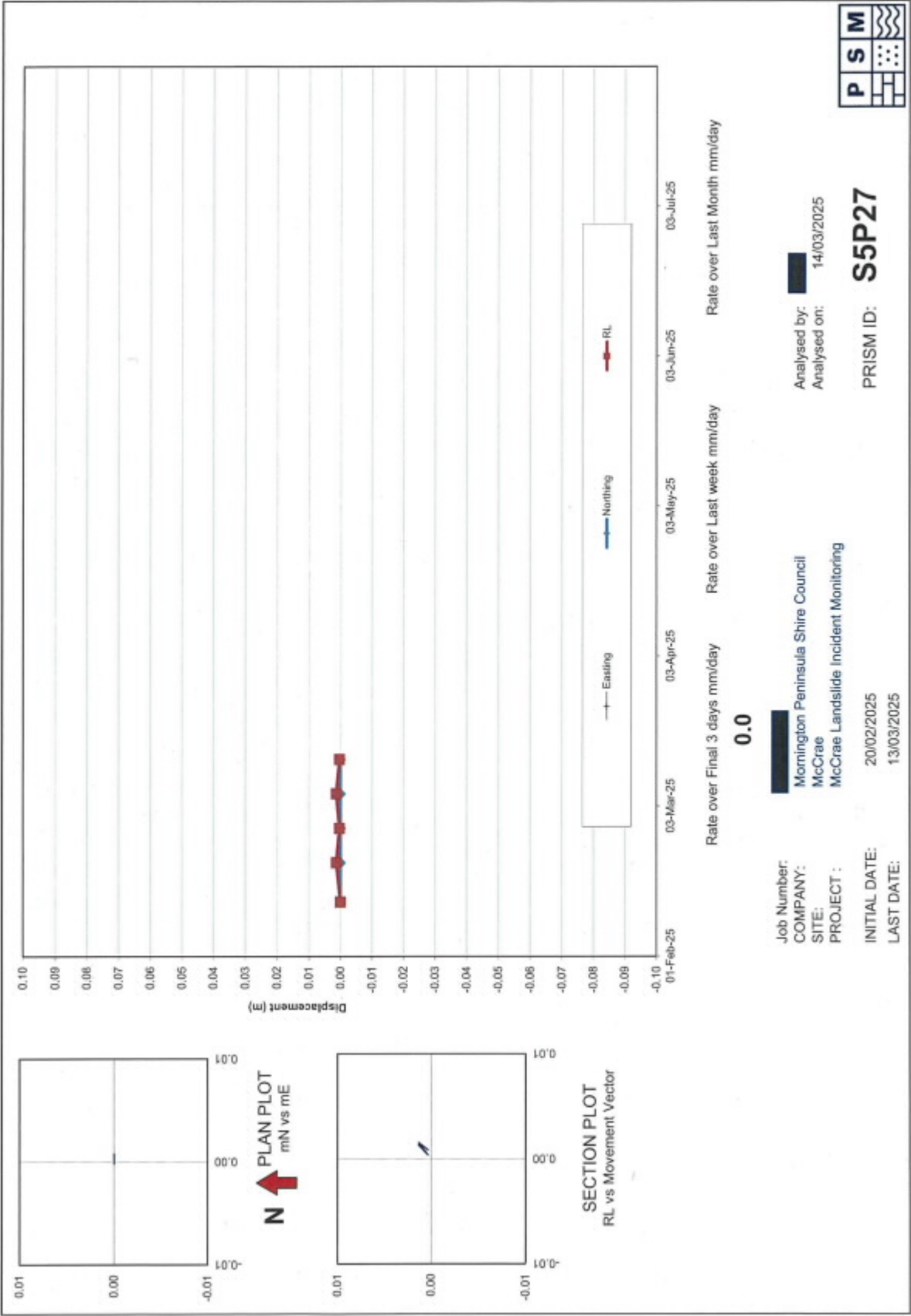








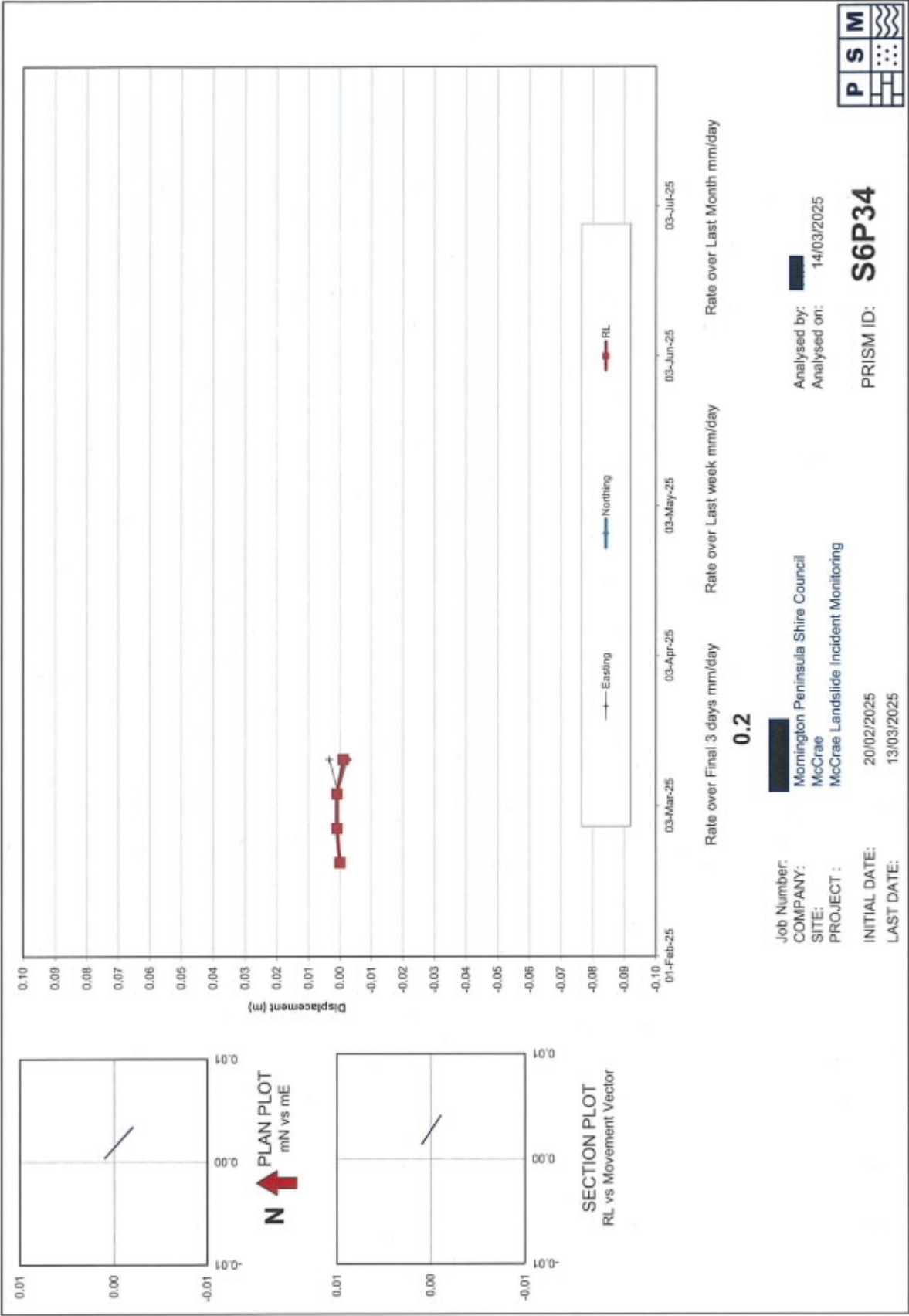


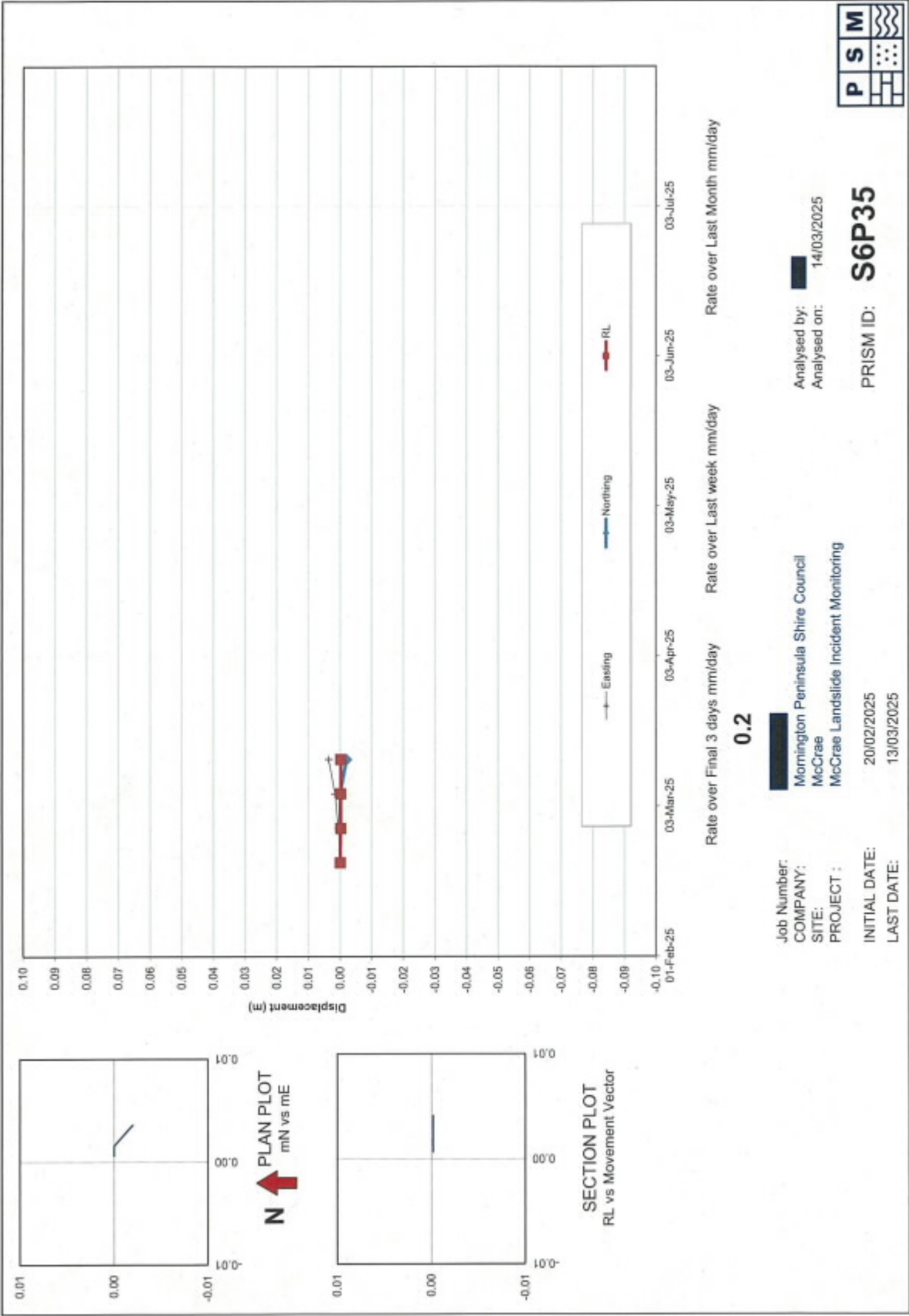


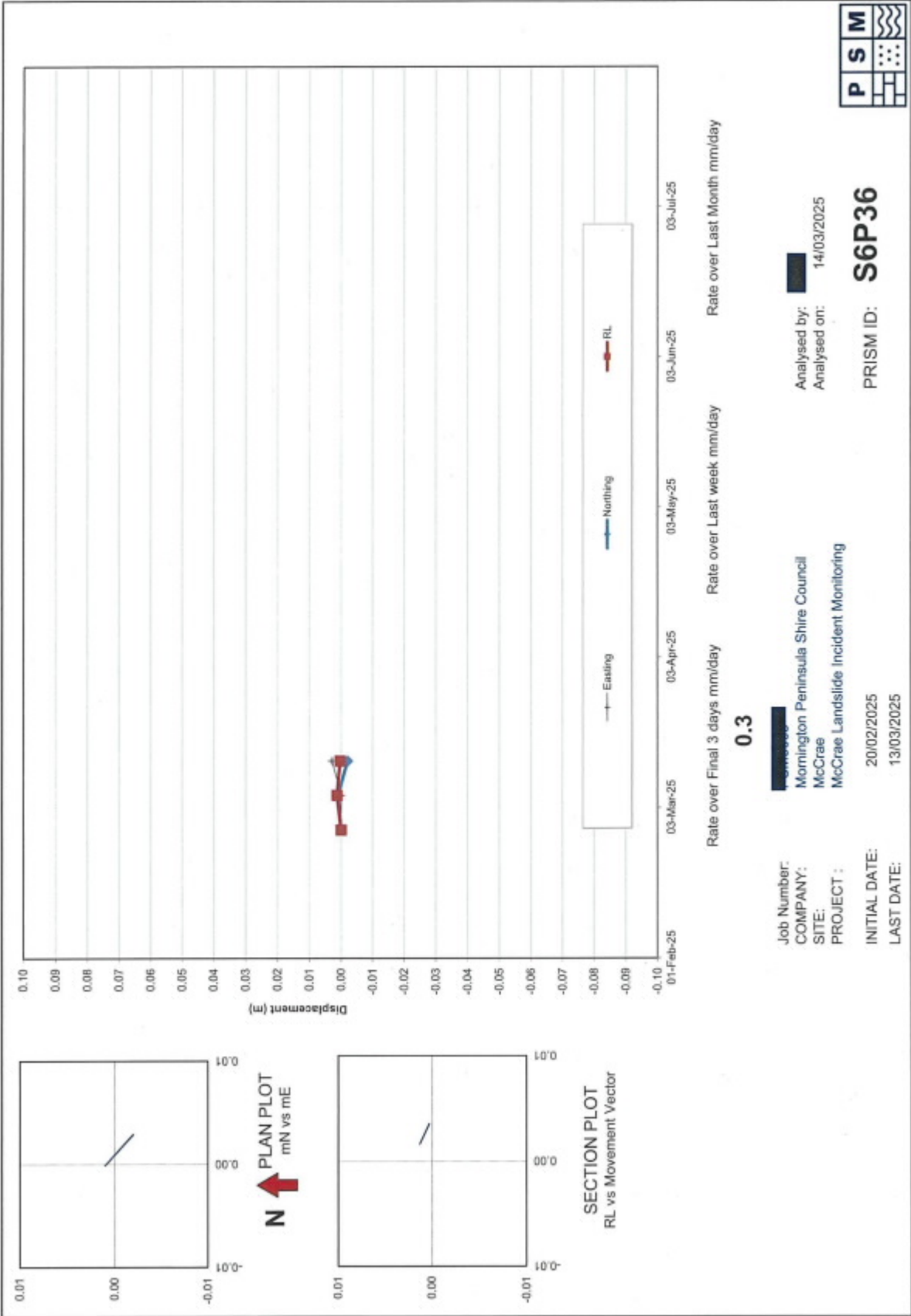






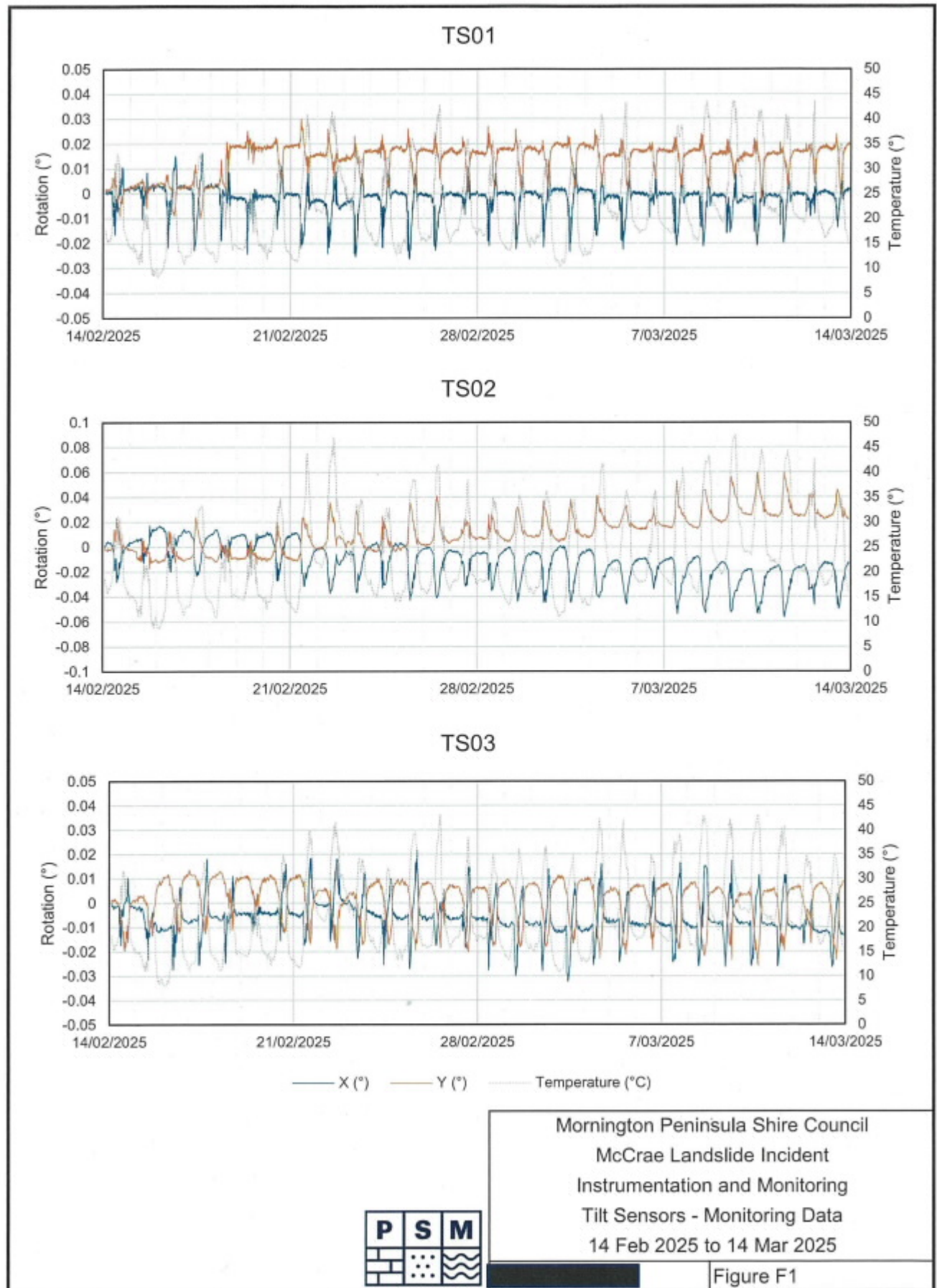


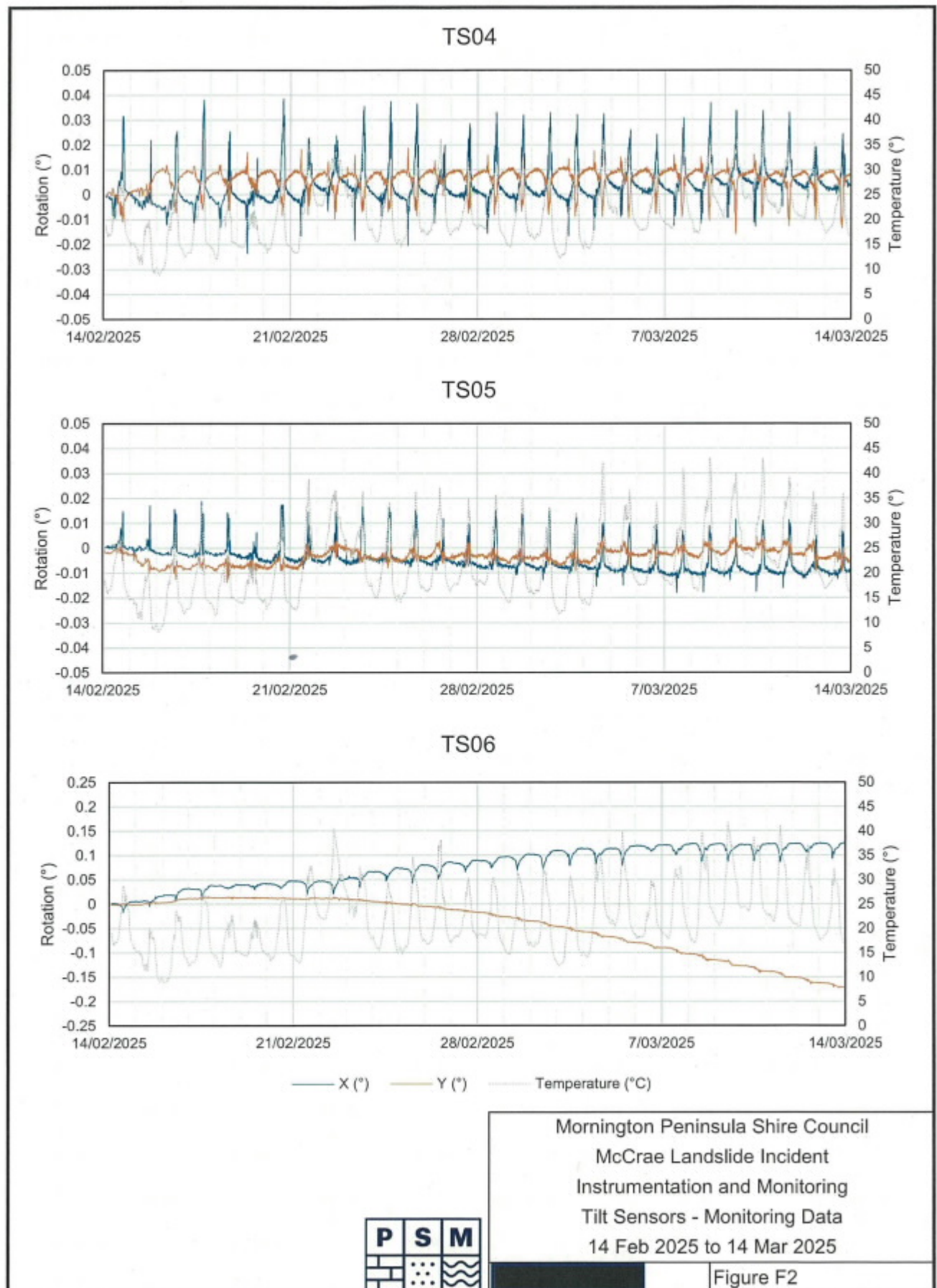


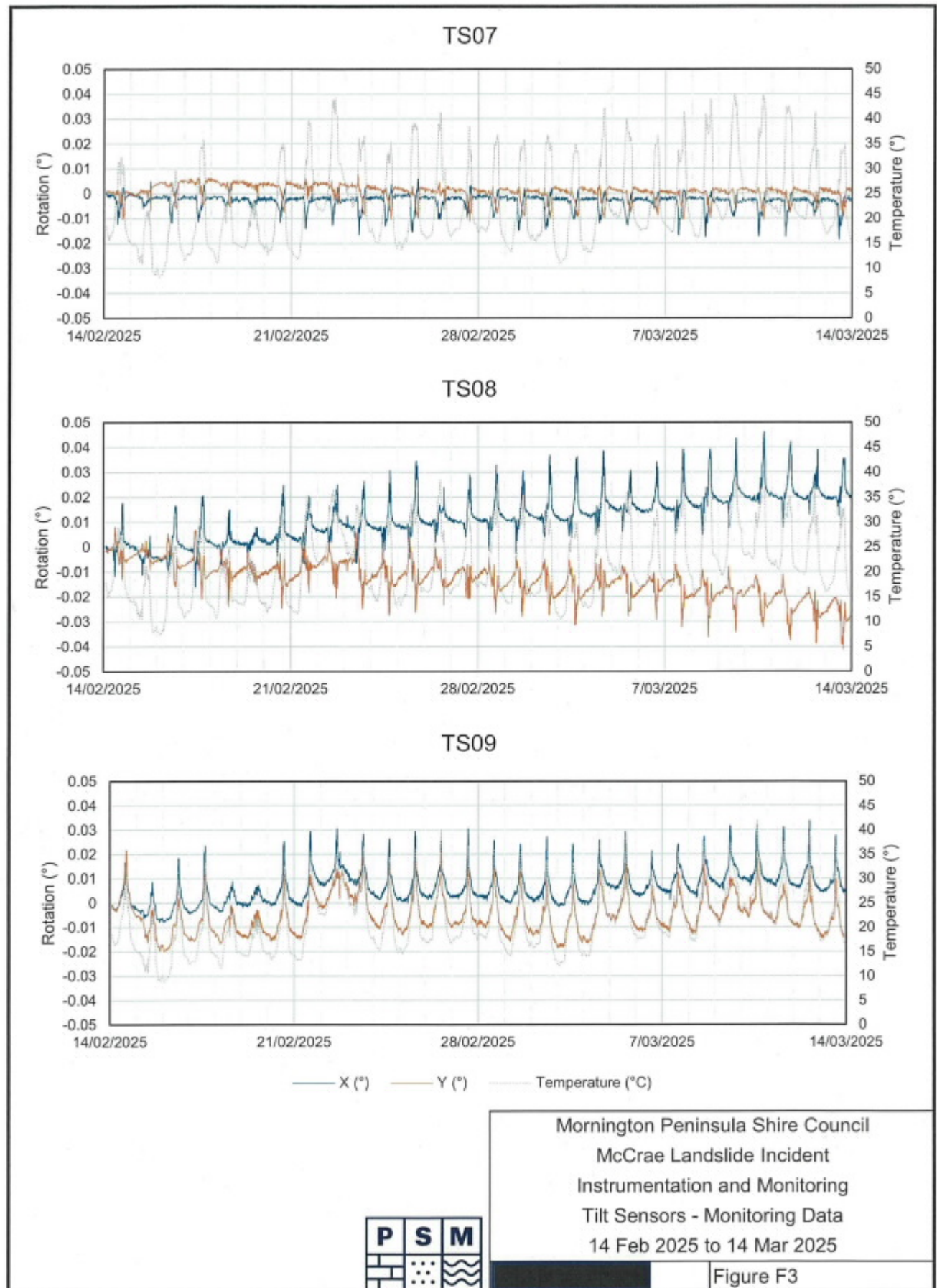


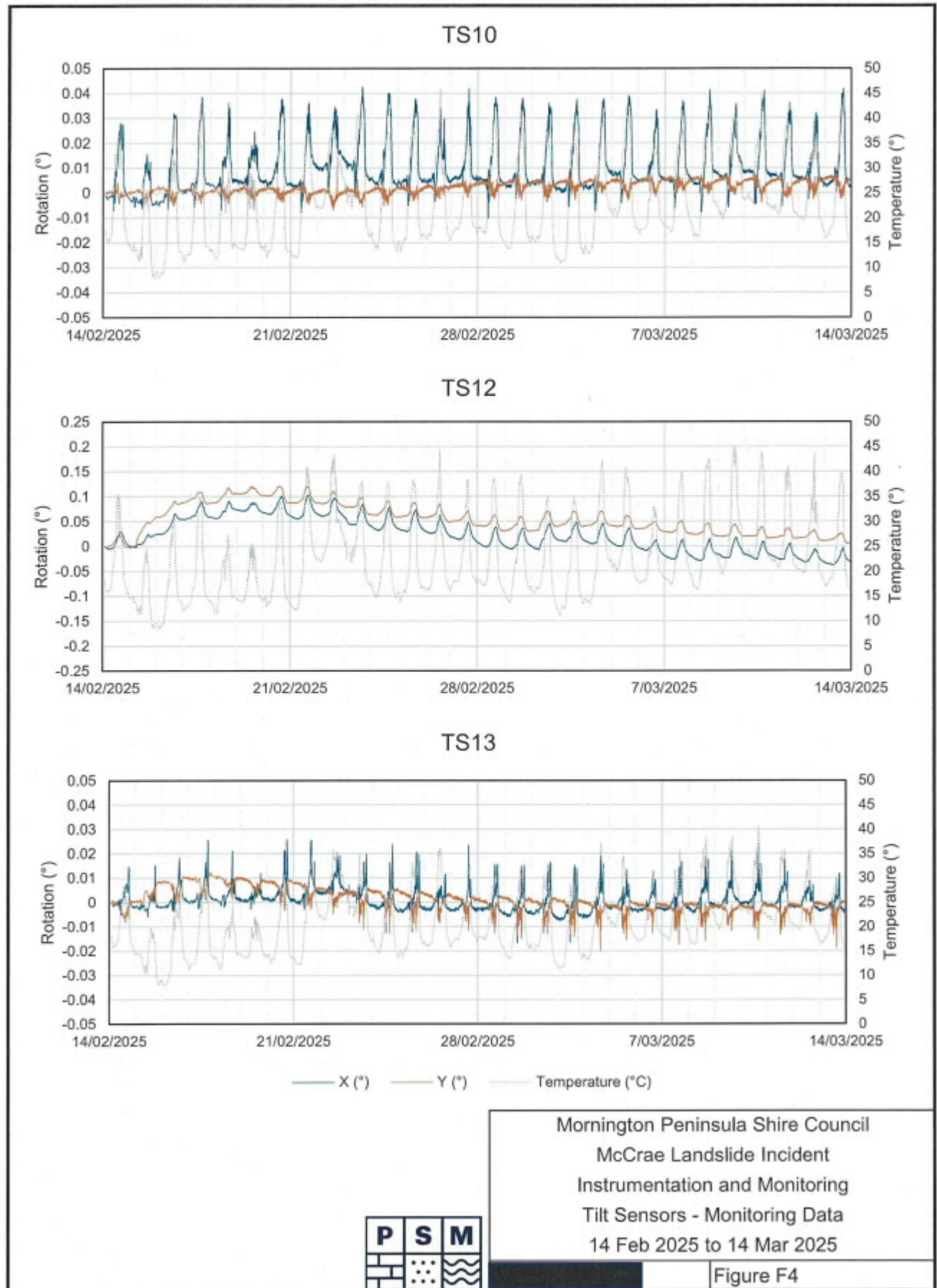


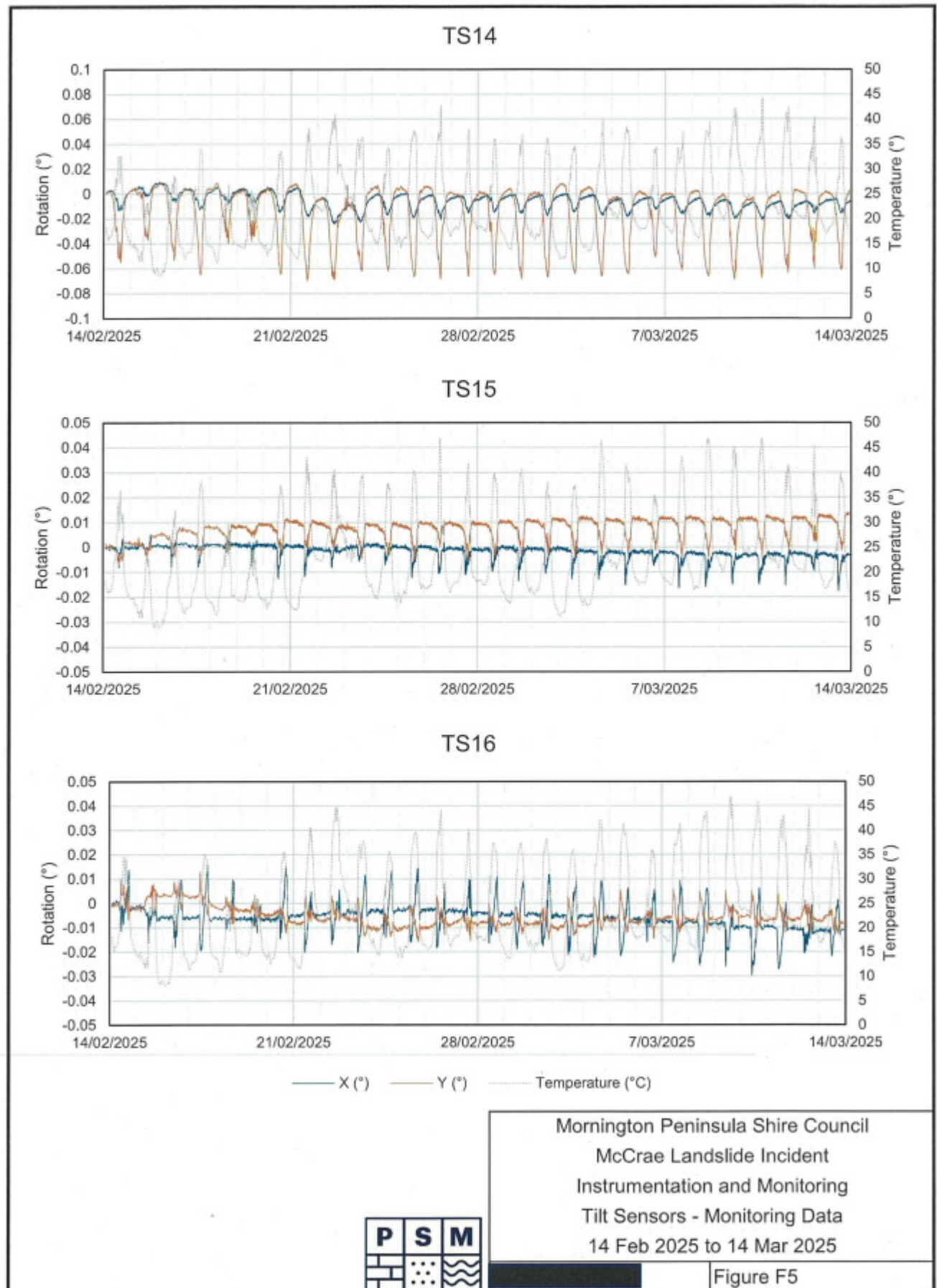
## **Tilt sensor monitoring plots**

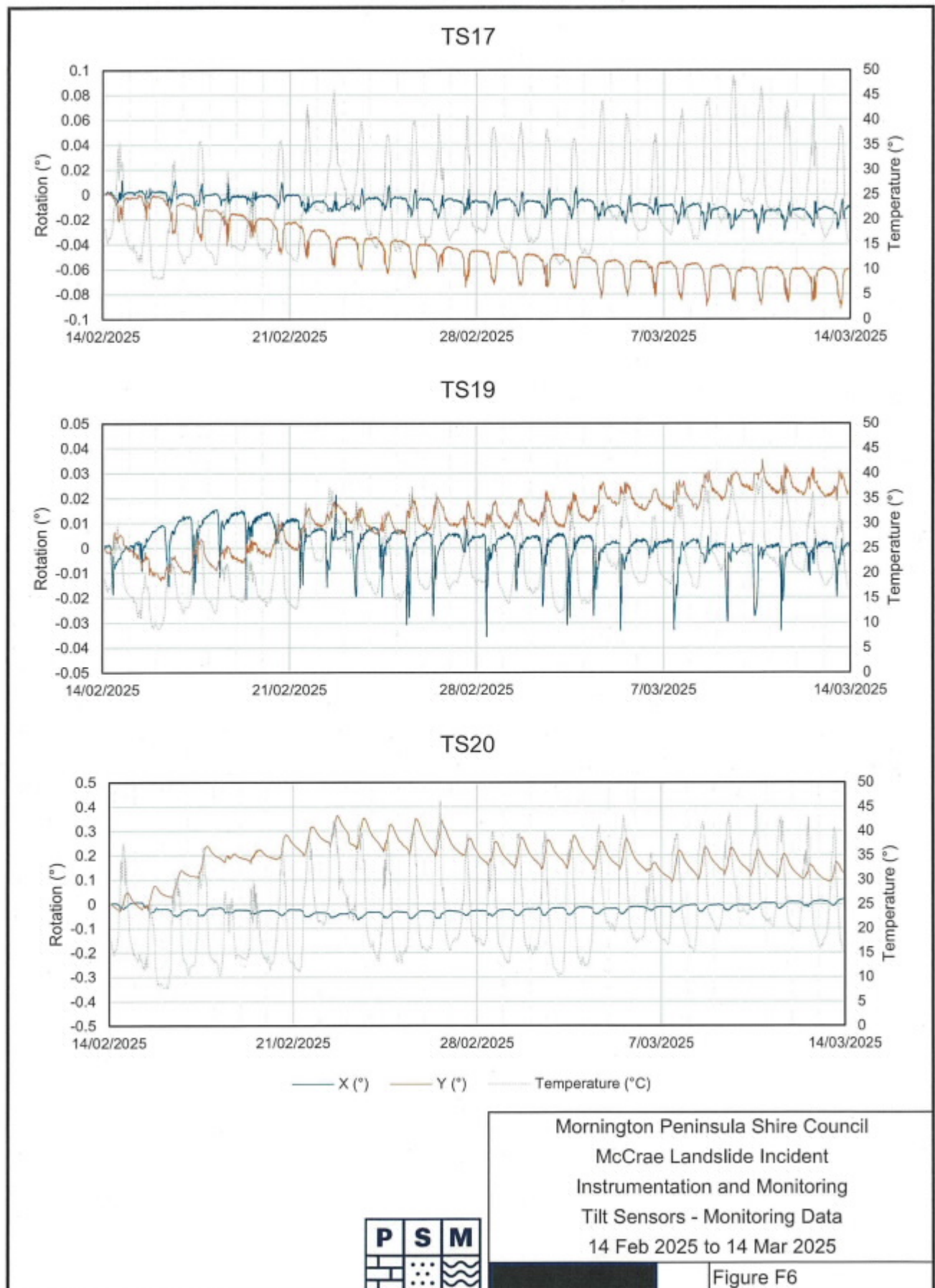






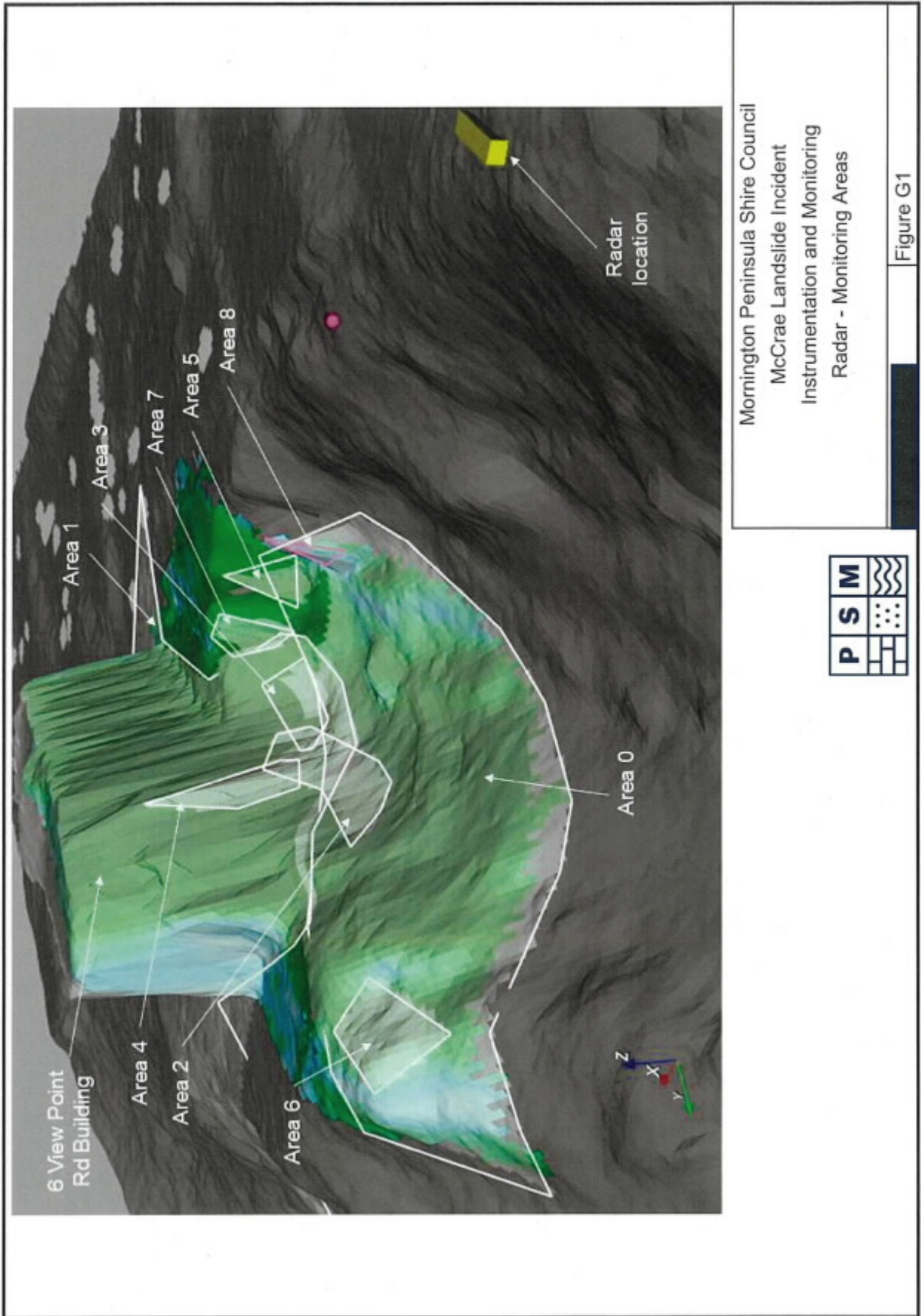


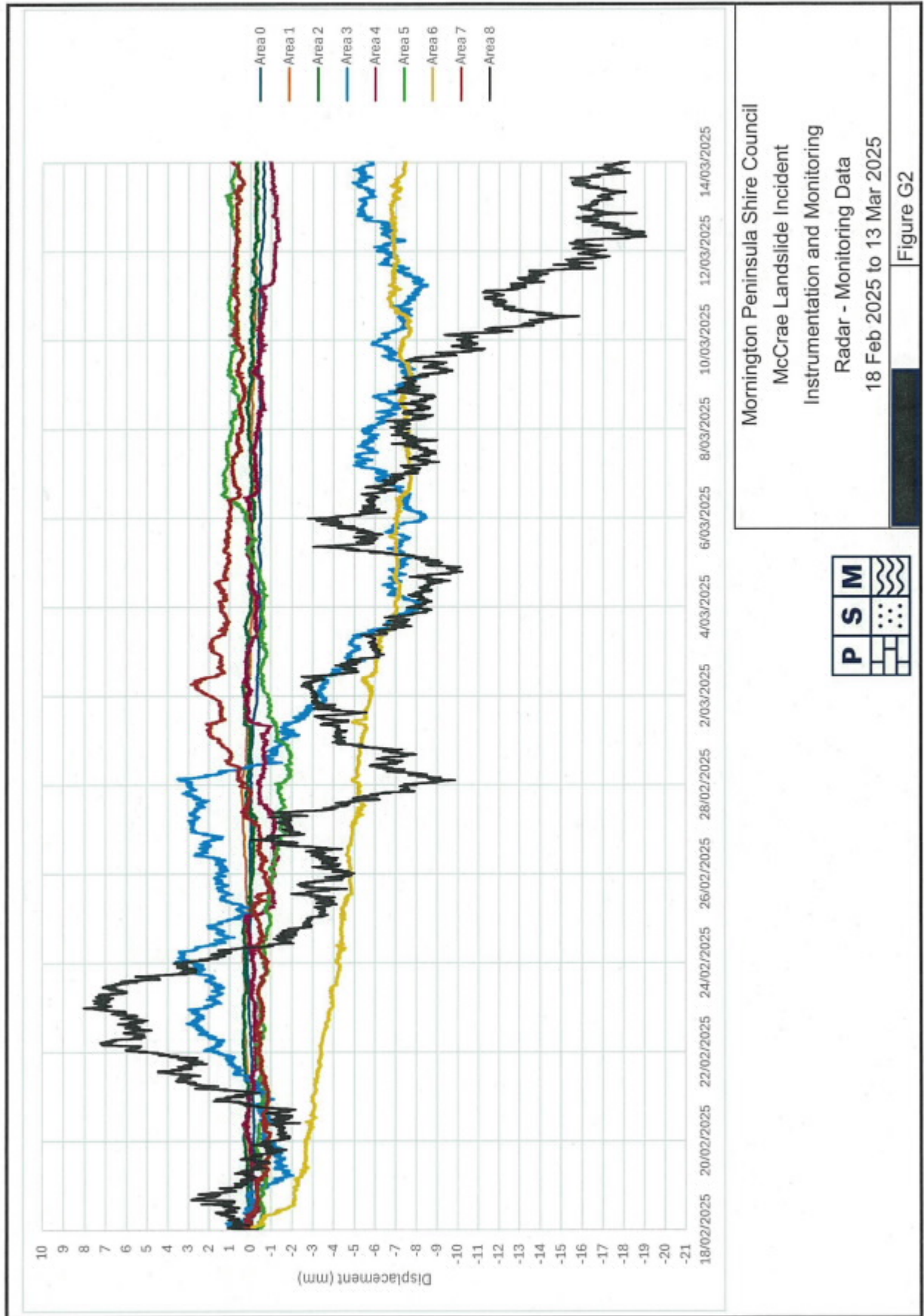






## **Radar monitoring plots**





Mornington Peninsula Shire Council  
 McCrae Landslide Incident  
 Instrumentation and Monitoring  
 Radar - Monitoring Data  
 18 Feb 2025 to 13 Mar 2025

Figure G2