

# Microseismic Monitoring Report

## Sulphur Mines Salt Dome – Louisiana (US)

### Borehole and Surface Seismic Arrays

Report Period: November 2025

Reference: 2634399-SUL-MR-251101

Report Review: Michael Reese – Baker Hughes LBPG #1428

LBPG review using results from Baker Hughes and Nanometrics Inc.



This review is based solely on microseismic monitoring results provided in the Baker Hughes November 2025 monthly report from the Baker Hughes microseismic team. The report results were passed through the Baker Hughes QA/QC microseismic processing workflows for accuracy and repeatability. No other information, data or observations from the Sulfur Mines Salt Dome operations were provided to support Baker Hughes report results for this PG review. Interpretation of the events is performed by Sulphur Mines Salt Dome. Details of processing and events are provided in the Baker Hughes November 2025 report (appended to this cover letter).

Seismic monitoring and data processing at Sulphur Mines Salt Dome combines the borehole and surface seismic arrays data for microseismic event processing. This includes the follow:

- Nanometrics operates and performs seismic processing for the surface seismic array using broadband network stations.
- Baker Hughes accesses the real time surface array waveform data and integrates it into the borehole waveform data for processing the microseismic location and magnitude.
- Baker Hughes provides event locations and magnitudes for all seismic events at Sulphur Mines Salt Dome using the combined borehole arrays and surface array waveform data.

#### **Alert Level Status: Low (Green)**

There was no seismic event with a magnitude  $>0.5$  in the AOI and less than 30 MEQ per day in AOI with magnitudes  $> -1$ , thus maintaining the defined alert level status at Low (green).

With the borehole arrays, an active increase with 118 detections / 52 located events were observed in November 2025 compared to 70 detections / 22 located events observed in October 2025. There were 36 events reported in the AOI. With AOI Cap Rock (6 events), (AOI caverns: AOI-PPG-07 (12 events), AOI-PPG-02 (8 events), AOI-LGS-02 (6 events), AOI-PPG-16 (3 events) and AOI-Flank (1 event). There were 16 events outside the AOI with Flank (14 events) and Caprock (2 events). The maximum magnitude of  $-0.37$  was reported in AOI-PPG-07 (2850 ft.) with a "rockfall detection". The depths of all observed events from 1012 ft to 5550 ft.

# **MICROSEISMIC MONITORING**

## **MONTHLY REPORT: November 2025**

**Sulphur Mines Salt Dome – Louisiana (US)**

2634299-SUL-MR-251101

|                      |                           |            |
|----------------------|---------------------------|------------|
| <b>Client / Site</b> | Sulphur Mines Salt Dome   |            |
| <b>Recipient</b>     | Joshua Bradley (Westlake) |            |
| <b>Reference</b>     | 2634299-SUL-MR-251101     |            |
| <b>Period</b>        | <b>from</b>               | 2025/11/01 |
|                      | <b>to</b>                 | 2025/11/30 |

## Revision history

| Version | Date       | Issued by  | Verified by | Approved by | Description    |
|---------|------------|------------|-------------|-------------|----------------|
| 1.0     | 2025/12/15 | E. FORTIER | G. REGIS    | JM. EMBRY   | Monthly report |

## Acronyms

| Acronym | Signification        |
|---------|----------------------|
| N/A     | Not Applicable       |
| PGV     | Peak Ground Velocity |
| AOI     | Area Of Interest     |

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## Summary

|                                |                                      |   |
|--------------------------------|--------------------------------------|---|
| <b>Network &amp; IT status</b> | <b>System Uptime</b>                 | 100 % - Borehole arrays<br>100 % - Surface Network  |
|                                | <b>Digitizers connectivity</b>       | Continuous, with no acquisition stops   |
|                                | <b>Sensors / Noise level</b>         | <ul style="list-style-type: none"> <li>• <b>Borehole arrays:</b> 100 %                             <ul style="list-style-type: none"> <li>○ <b>PPG-6</b> (6 levels) → noise level: 5 to 20 nm/s (RMS) except sensors PPG-6.1Z with 60 nm/s</li> <li>○ <b>PPG-2</b> (6 levels) → noise level: 8 to 20 nm/s (RMS) except sensors PPG-2.3 [40; 200nm/s] and PPG-2.6 [20; 50 nm/s]</li> </ul> </li> <li>• <b>Surface receivers:</b> 100 %<br/>6 sensors (3-axis) → N/A</li> </ul> |
| <b>Seismic activity</b>        | <b>BOREHOLE ARRAY</b>                |   |
|                                | Detections                           | 118   |
|                                | (of which) Located                   | 52  |
|                                | Max magnitude                        | -0.4  |
|                                | Max PGV                              | 0.0345 mm/s   |
|                                | Min depth                            | 1,012 (ft)  |
|                                | Max depth                            | 5,550 (ft)  |
|                                | <b>Number of alerts in the month</b> | <b>0 – No alert triggered in November 2025</b>  |

PGV = Peak Ground Velocity – Maximum vibration measured on the sensors (mm/s)

# Introduction

## I. Alert Level Status

During November 2025 the alert level status was low (Green). Alert level criteria are listed in Appendix 1.

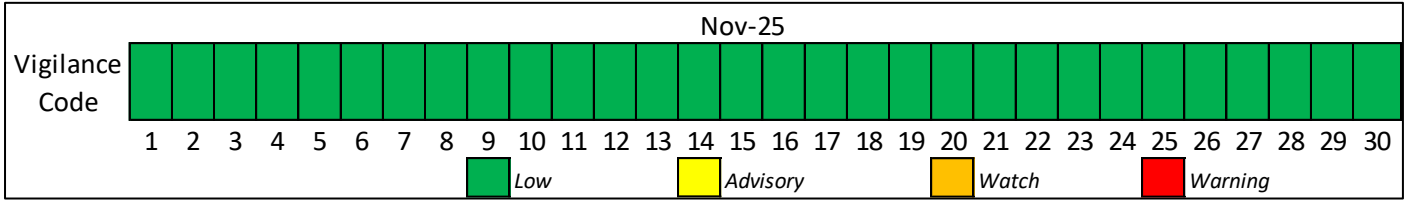


Figure 1: Alert status level during November 2025.

## II. Seismic Network

Microseismic monitoring in Sulphur Mine Salt Dome is executed by:

- **Two borehole arrays**
  - Baker Hughes Microseismic Services group operates and processes data for the borehole seismic arrays located in PPG Well No. 006-X and PPG Well No. 020. The seismic array locations are shown in Figure 2, and the coordinates are listed in the Appendix 2. The borehole arrays were fully functional in November 2025.
- **A surface network, composed by 6 Broadband Trillium**
  - Nanometrics operates the surface broadband array. The broadband station locations are shown in Figure 2 and listed in Appendix 2

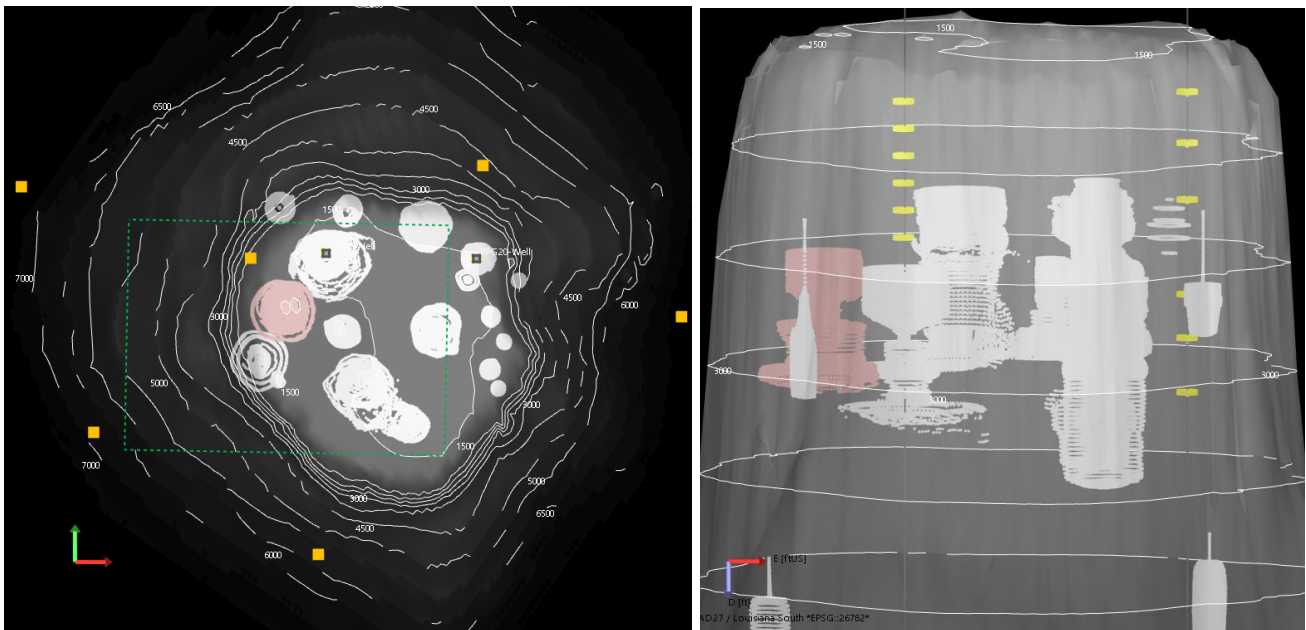


Figure 2: Map (left) and West-East cross section (looking from the South) of the Sulphur Mines Salt Dome. The salt boundary is indicated by gray contour lines. The wellbores with the borehole array sensors are marked by yellow dots for PPG No. 006X and PPG No. 020. Cavern 7 is represented with a red sonar survey. The proposed AOI is indicated on the map view by the green square. The surface network is indicated by the orange squares.

## Microseismic activity during reporting period

- in November 2025, 118 seismic events have been detected by the borehole arrays, **52** events had waveform with sufficient signal to noise ratio to compute their location and magnitude.

Amongst the 52 located events:

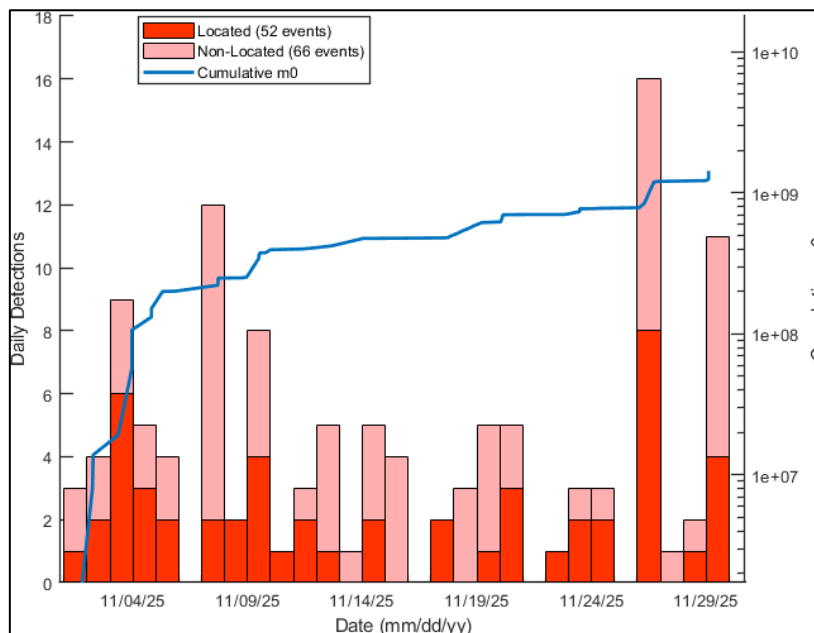
- 36 are located inside the AOI (Area of Interest) and distributed as follows (Figure 4):
  - 12 events associated with cavern PPG-07, with one rockfall detection on 2025/11/26 18:27:56 (CST),  $M_w = -0.4$  (maximum magnitude recorded in November).
  - 8 events associated with cavern PPG-02,
  - 6 events associated with cavern LGS-02,
  - 3 events associated with cavern PPG-16,
  - 6 events in the cap-rock,
  - 1 event located on the flank.
- The other 16 events are located outside the AOI and located:
  - 14 events on the flank of the salt dome,
  - 2 events on the cap-rock.

- The maximum magnitude during this period was  $-0.4$ , associated to a rockfall and that occurred on 2025/11/26 18:27:56 (CST), on cavern PPG-07.

NB: The catalog of the located events is presented in Appendix 3.

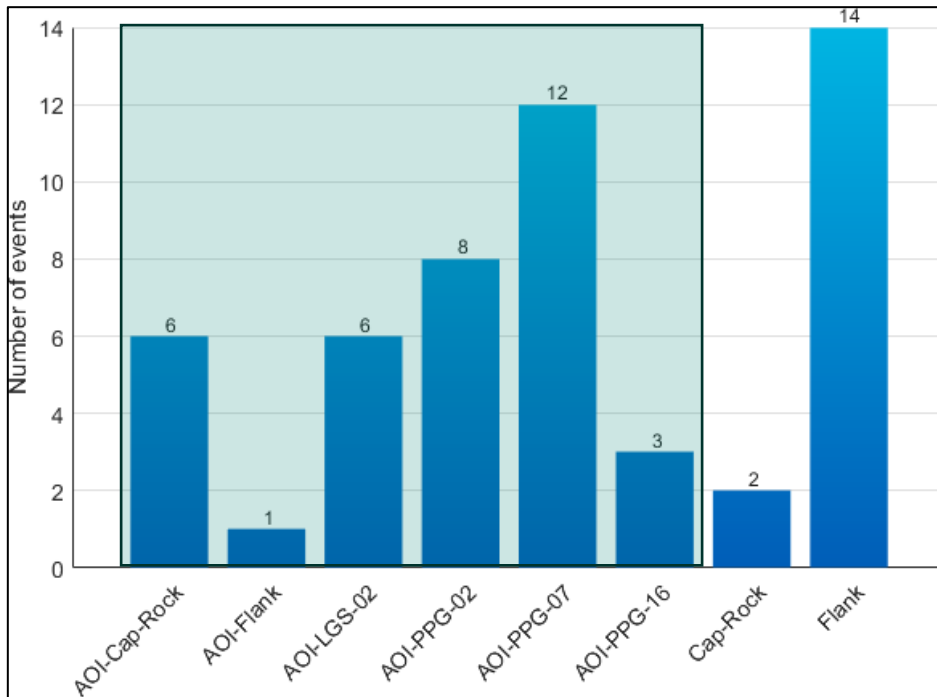
### I. Distribution of the microseismic event

The histogram below shows the number of the locatable and non-locatable events during the month of November 2025

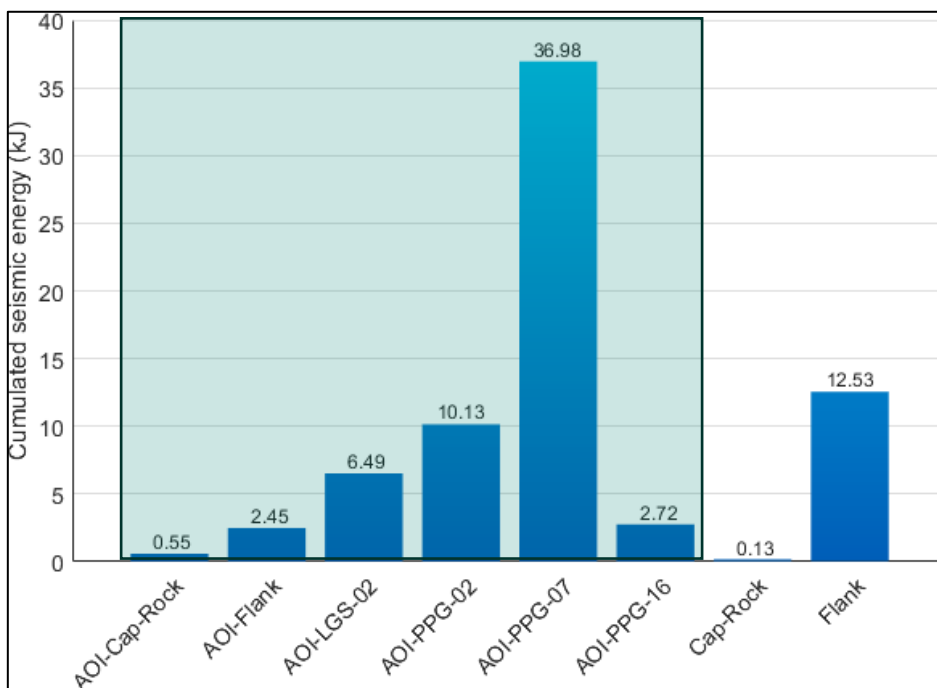


**Figure 3: Daily distribution of all events during November 2025. Dark color represents the located events while the light color shows the non-located events. Blue line represents the cumulative seismic moment  $M_0$  for the located events.**

Figure 4 shows the distribution of the events by area. In November 2025 the seismicity occurred mainly in the caverns PPG-07 (12 events) & PPG-02 (8 events) and on the flank (14 events).



**Figure 4: Events distribution by associated cavern. The green rectangle indicates the events in the AOI.**



**Figure 5: Events energy distribution by cavern. The green rectangle indicates the events in the AOI.**

According with Figure 5, which shows the cumulated seismic energy with respect to the areas, the main release of seismic energy occurred on PPG-07 (which included the Mw = -0.4 event).

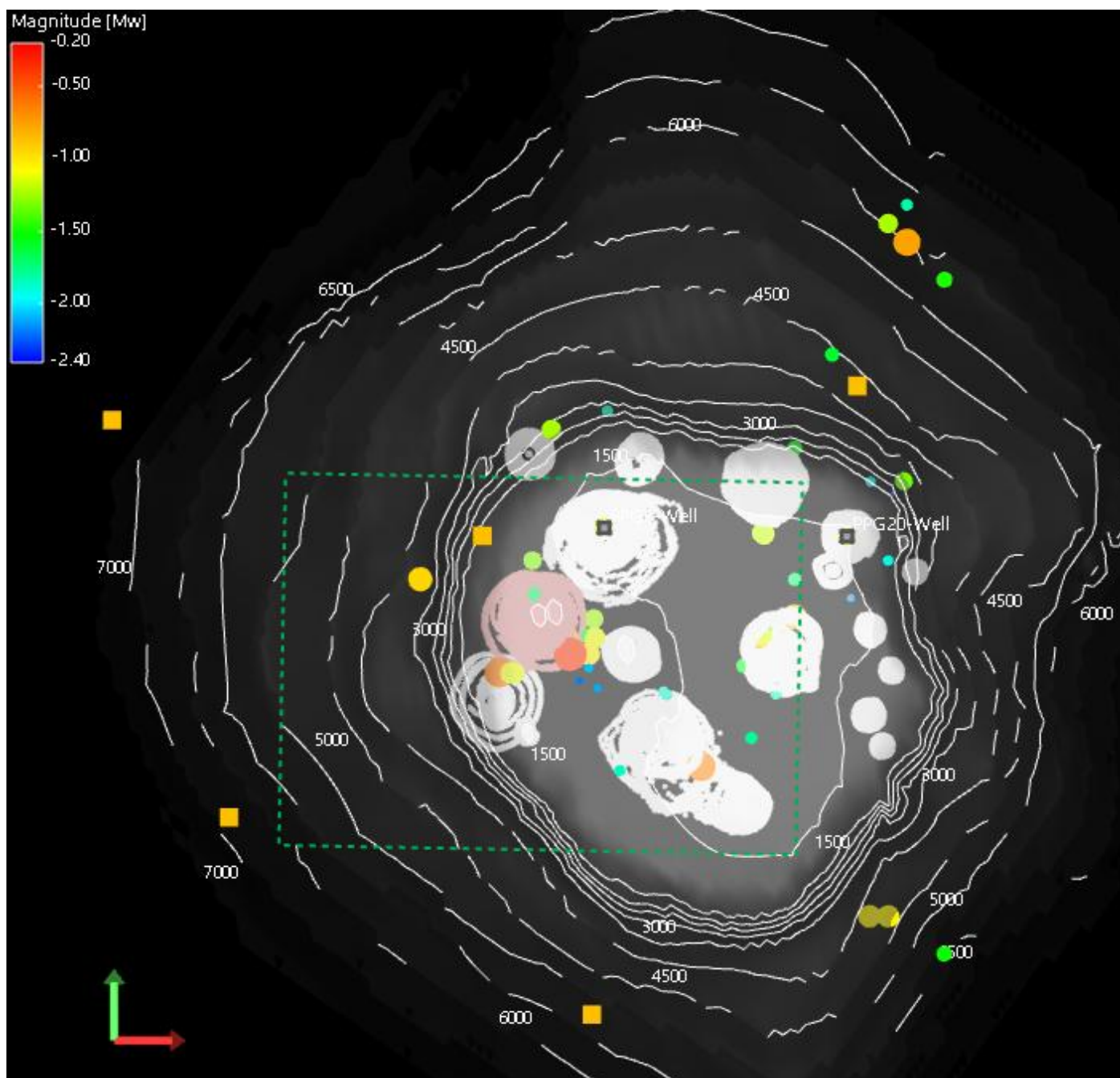
## Event Location

The location maps are presented in the report as:

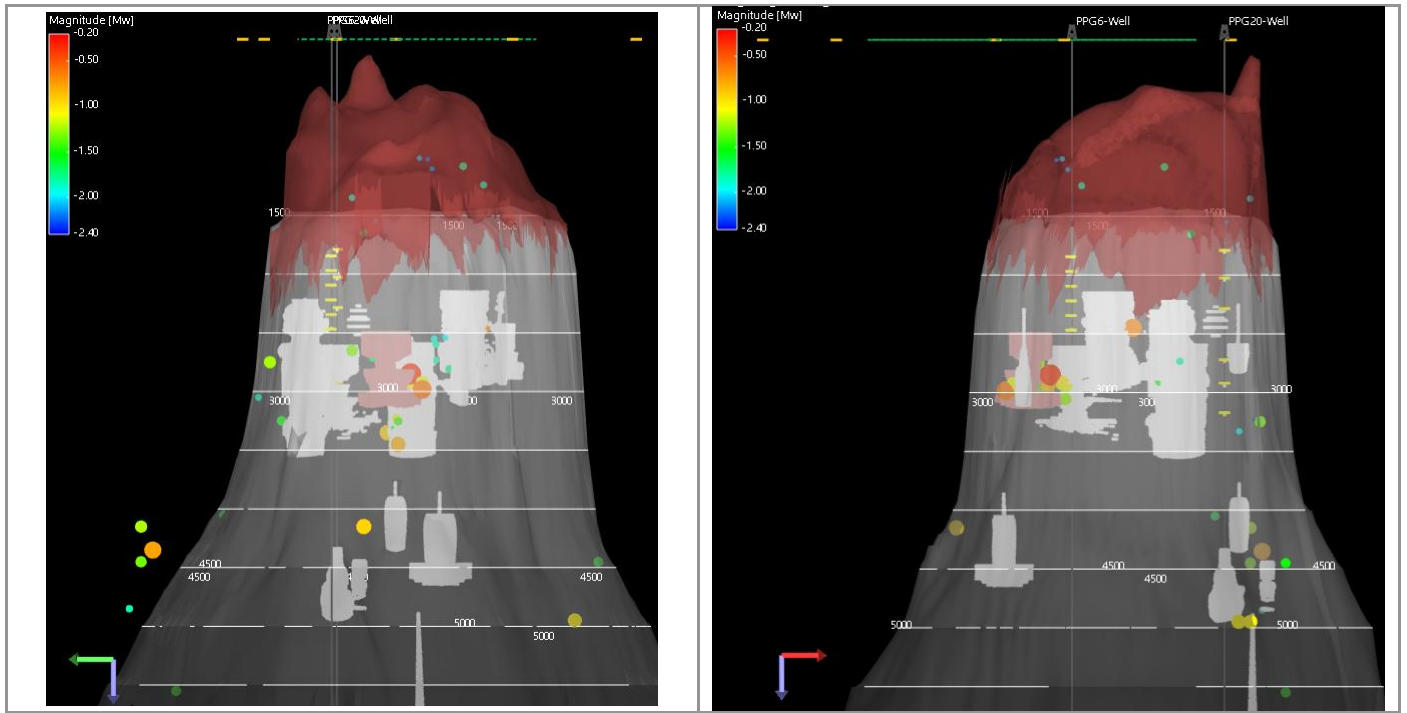
- All events location: inside and outside the AOI (Figure 6 and Figure 7)
- Events located in the AOI (Figure 8, Figure 9 and Figure 10).

### I. All event locations (inside and outside AOI)

The figures below show the event locations using the borehole arrays.



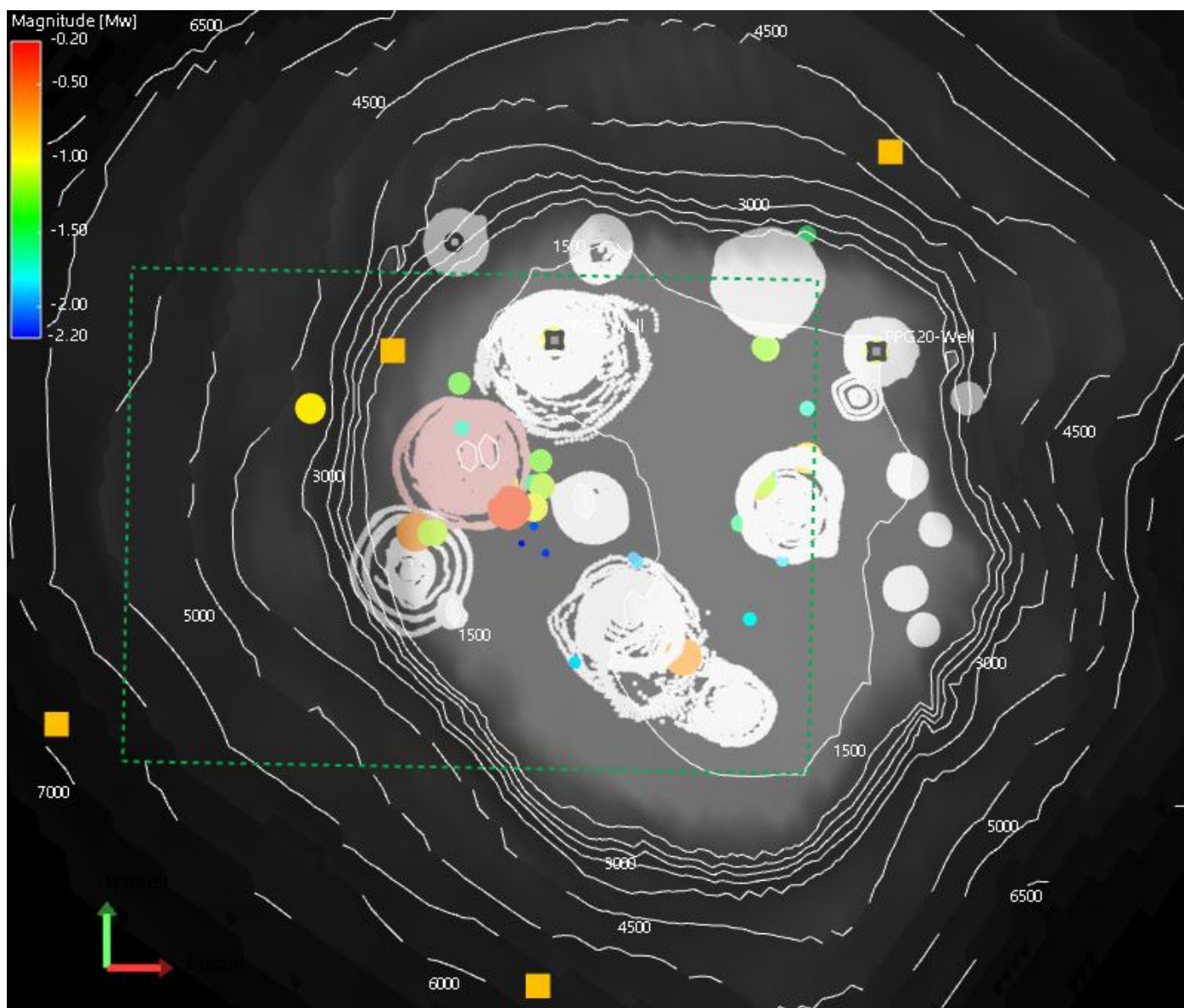
**Figure 6: Map of the located events in November 2025. The events are colored, from blue to red, and sized by magnitude; the green rectangle represents the AOI.**



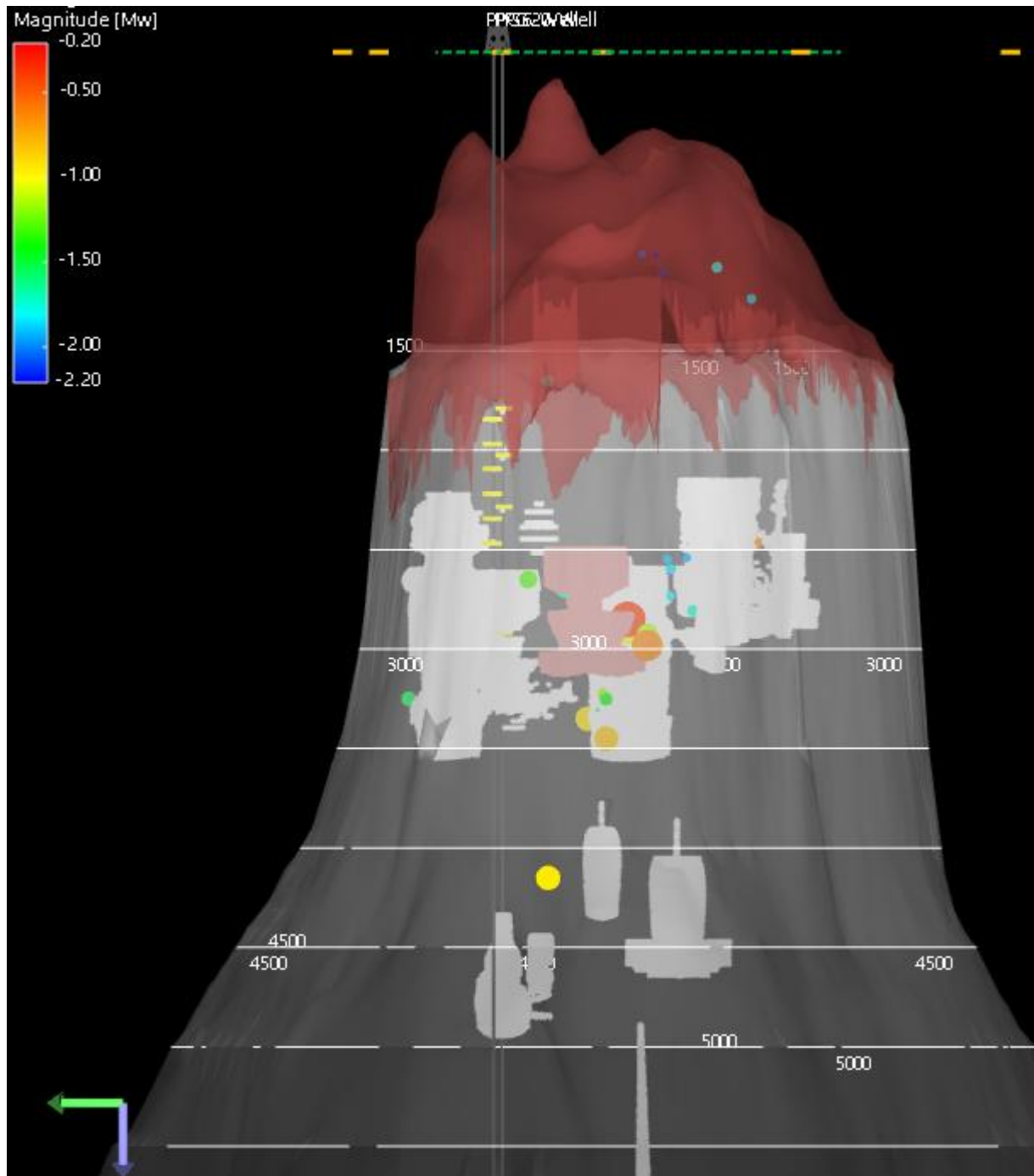
**Figure 7: Cross sections W-E (right) looking from the South, and N-S (left), looking from the West. The events are colored, from blue to red, and sized by magnitude.**

## II. Event Locations in AOI

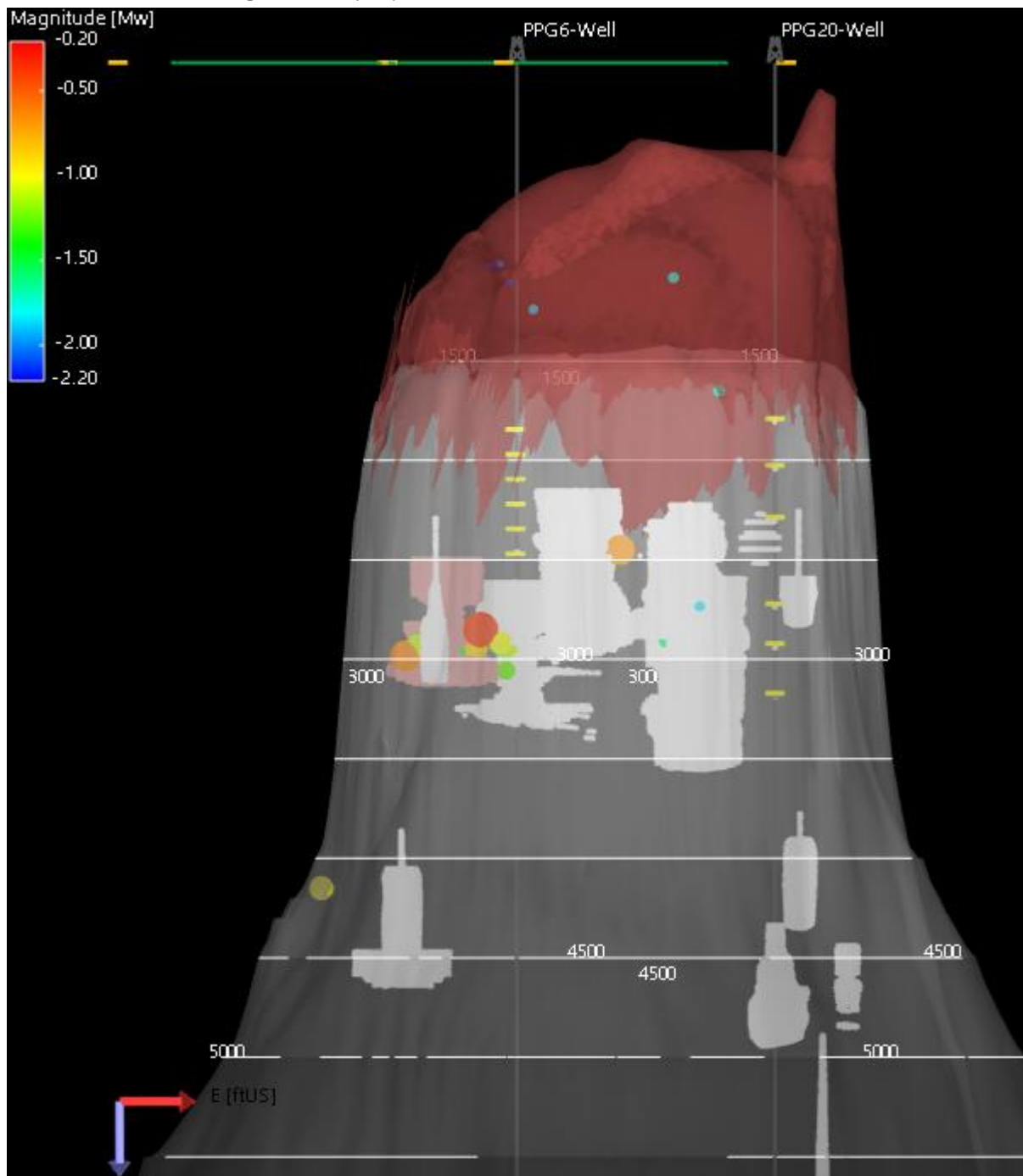
The figures below show the location of the events inside the AOI.



**Figure 8: Map of the located events inside the AOI in November 2025. The events are colored, from blue to red, and sized by magnitude; the green rectangle represents the AOI, the orange squares represent the surface stations.**



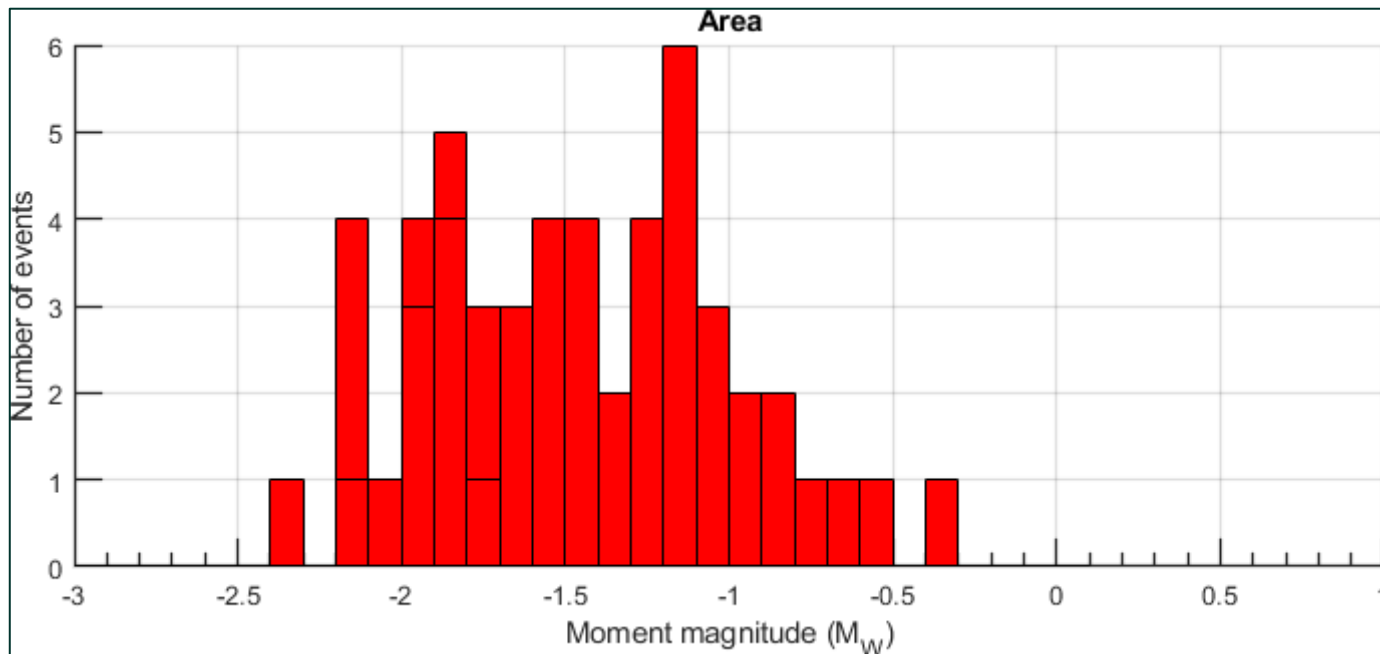
**Figure 9: Cross sections N-S (looking from West) of the located events. The events are colored, from blue to red, and sized by magnitude.**



**Figure 10: Cross sections W-E (looking from south) of the located events. The events are colored, from blue to red, and sized by magnitude.**

## Magnitude and depth distribution

The figure below shows the distribution of the moment magnitudes in November 2025. The values vary between -2.3 and -0.4, median value is -1.45.

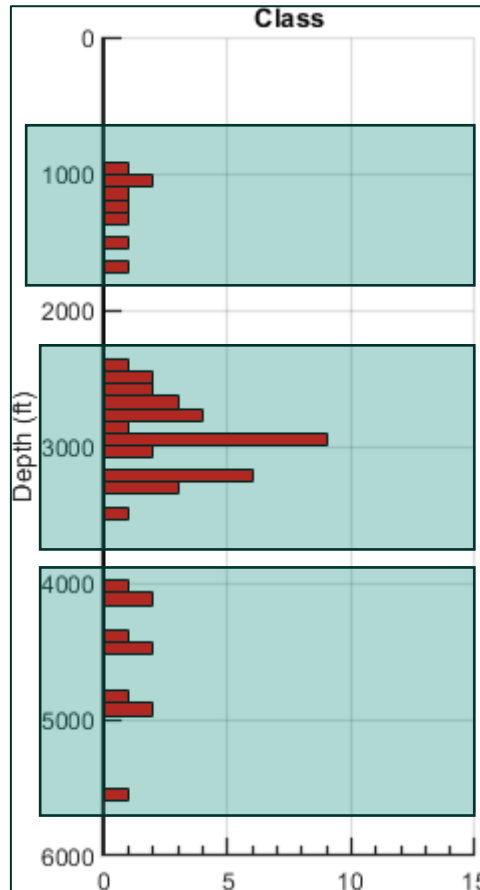


**Figure 11: Distribution of magnitudes ( $M_w$ ) for events located events in November 2025.**

The figure below shows the depth distribution in November 2025 for all the located events.

Events are located between 1012 ft and 5550 ft. It is possible to distinguish 3 main groups:

- The first one between 1,012 ft and 1,650 ft - above the caverns depth and associated with events located in the Cap-Rock,
- A second one between 2,450 ft and 3,450 ft - associated with events located at depth of the caverns,
- A third one between 4,050 ft and 5,550 ft - associated with events located at flank depth.

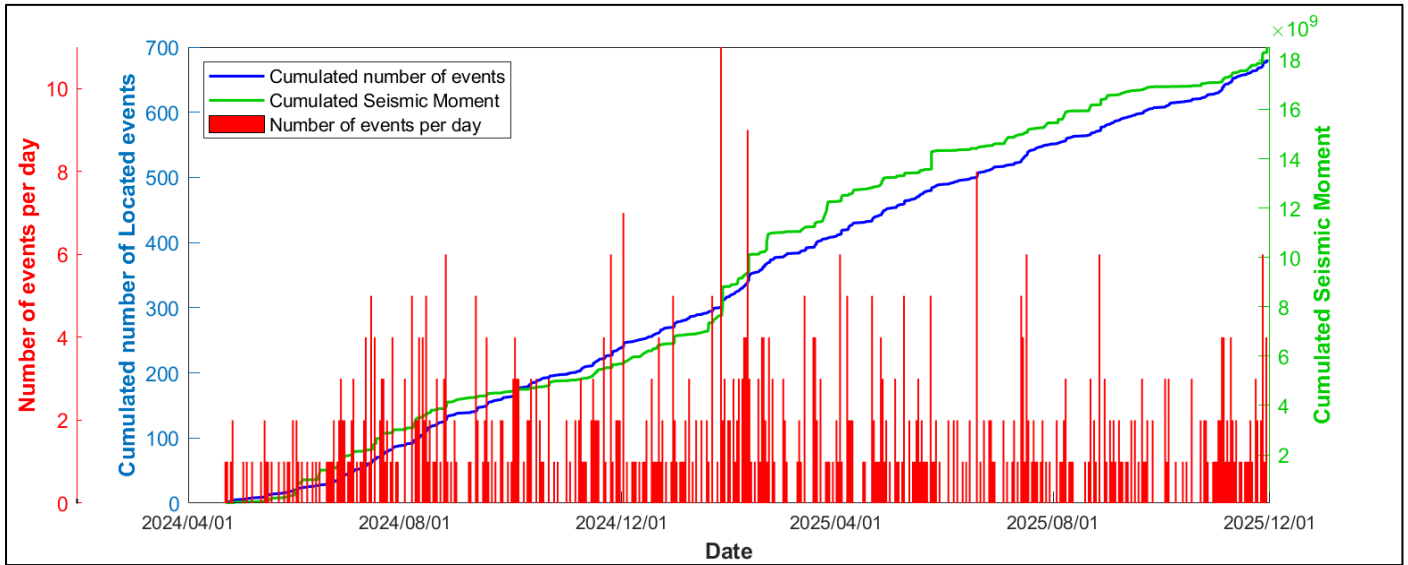


**Figure 12: Distribution of the depths for all the events located events in November 2025.**

# Microseismic history from the beginning of the acquisition

## I. History of detections.

In November 2025, the total number of detections (located and not-located events) increased with respect to the previous month (118 detected events in November 2025 compared with 70 detected events in October). The number of located events also increased in November 2025 (52 located events) with respect to October (22 located events).

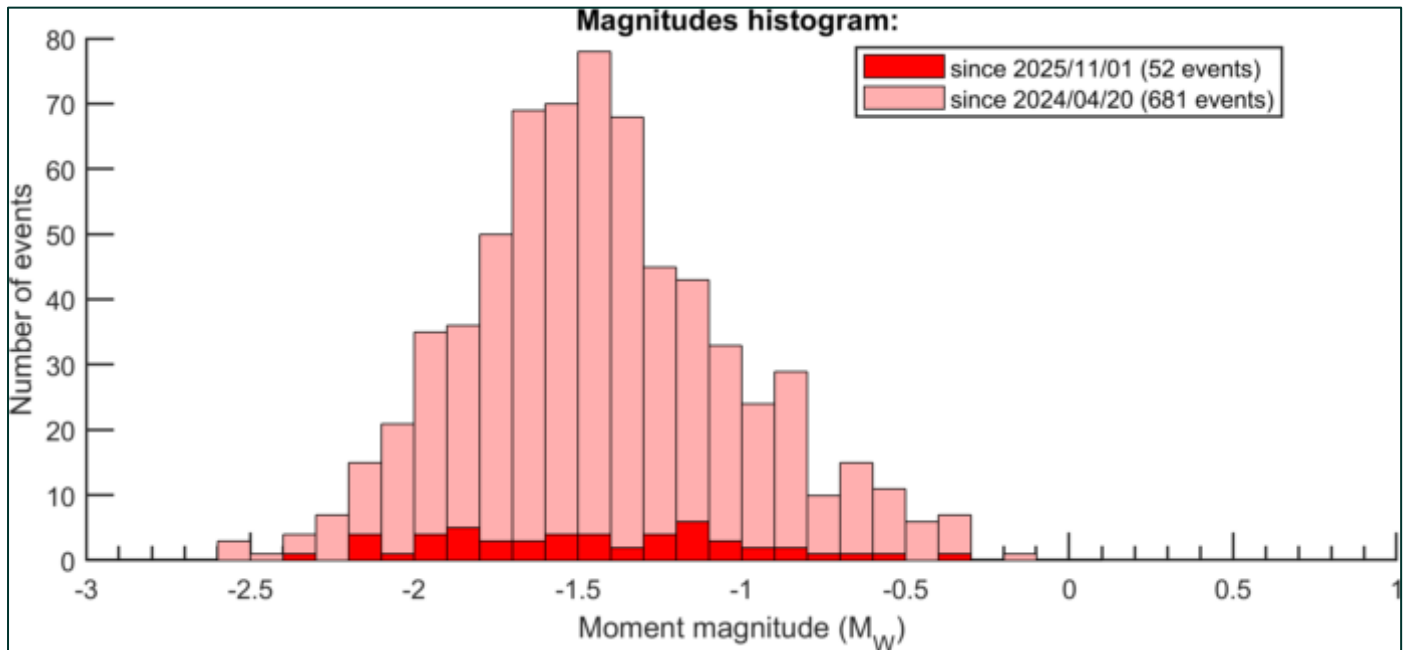


**Figure 13: Distribution of the located microseismic events since the beginning of the acquisition on 04/21/2024. Blue line represents the cumulated number of located events. Green line represents the cumulated seismic moment  $M_0$ .**

## II. Historical magnitude distribution.

Figure 14 shows the moment magnitude distribution since the beginning of the acquisition. Dark color bars present the current monthly period and light red color bars present the distribution since the beginning of the acquisition (April 21, 2024).

Since the beginning of the acquisition events magnitude are between -2.6 and -0.2 (for 681 located events). The median value of the magnitude since the beginning of the acquisition is -1.47.

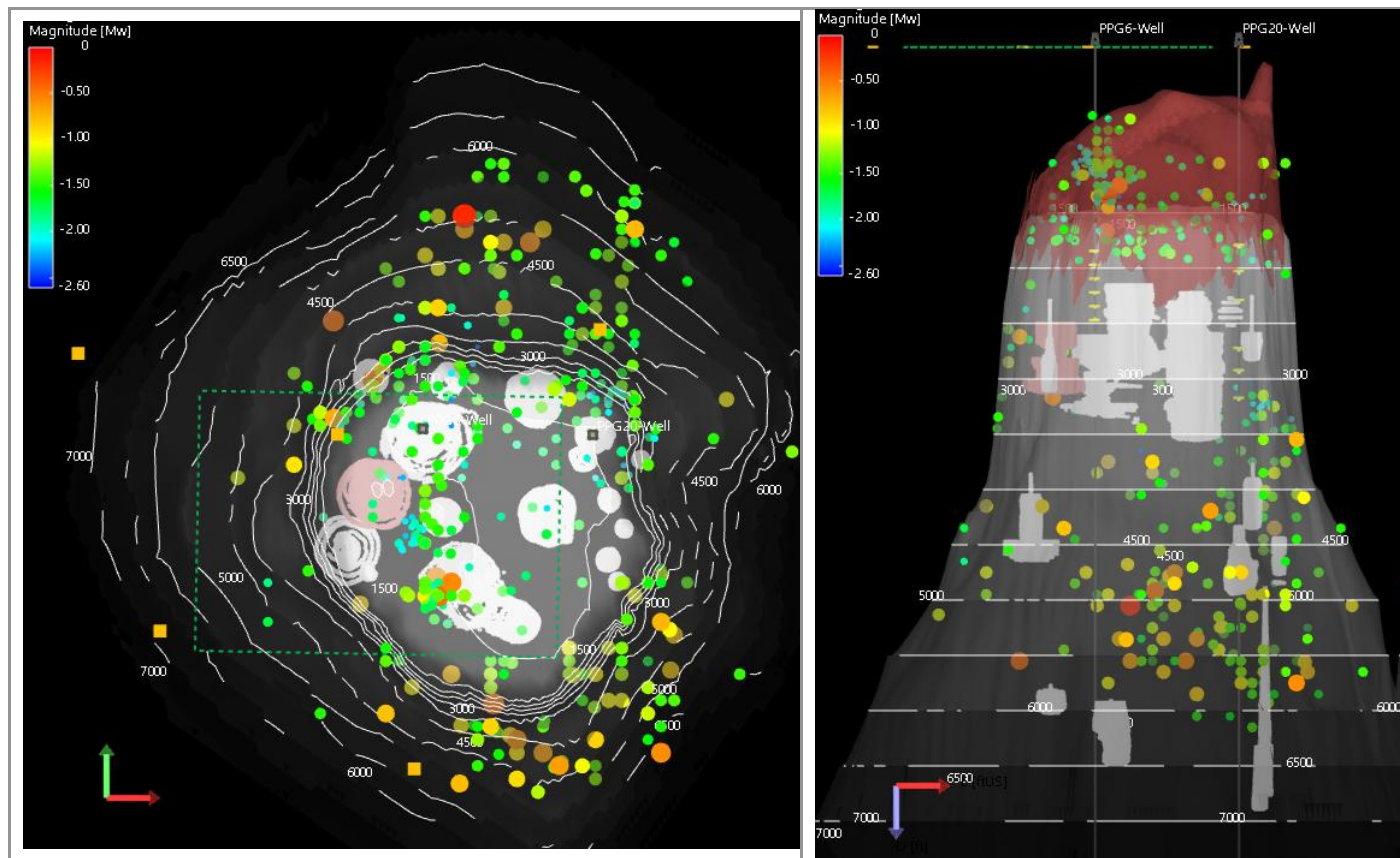


**Figure 14: Distribution of magnitude (M<sub>w</sub>) for located events. Dark color bars present the current monthly period (November 2025) and light color bars present the distribution since the beginning of the acquisition (from April 21, 2024).**

### III. History of the event locations.

#### History in Cap-Rock and on the Flank

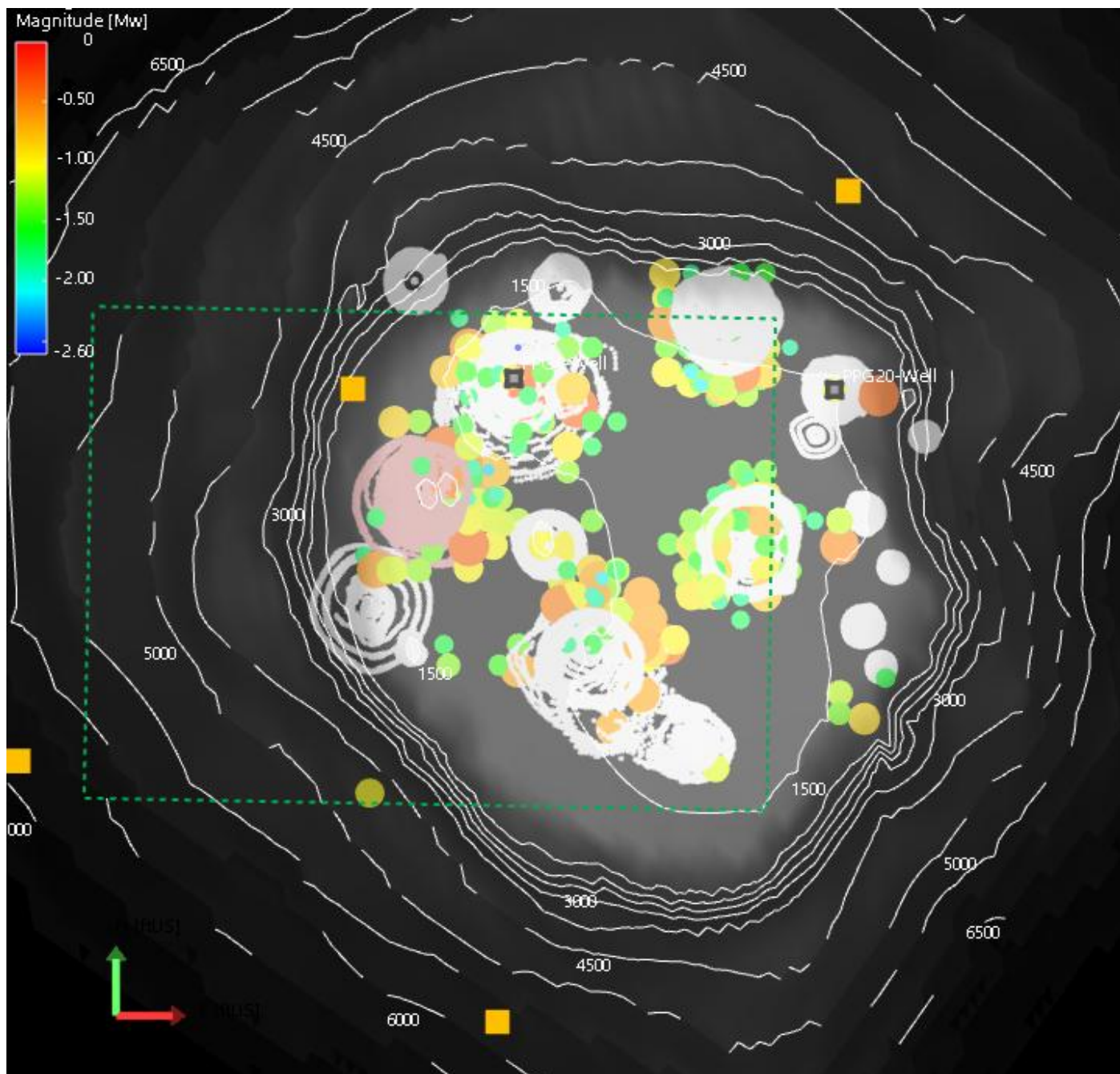
The figure below shows the map and cross section of all the events located in the cap-rock and in the salt flank since April 21, 2024.



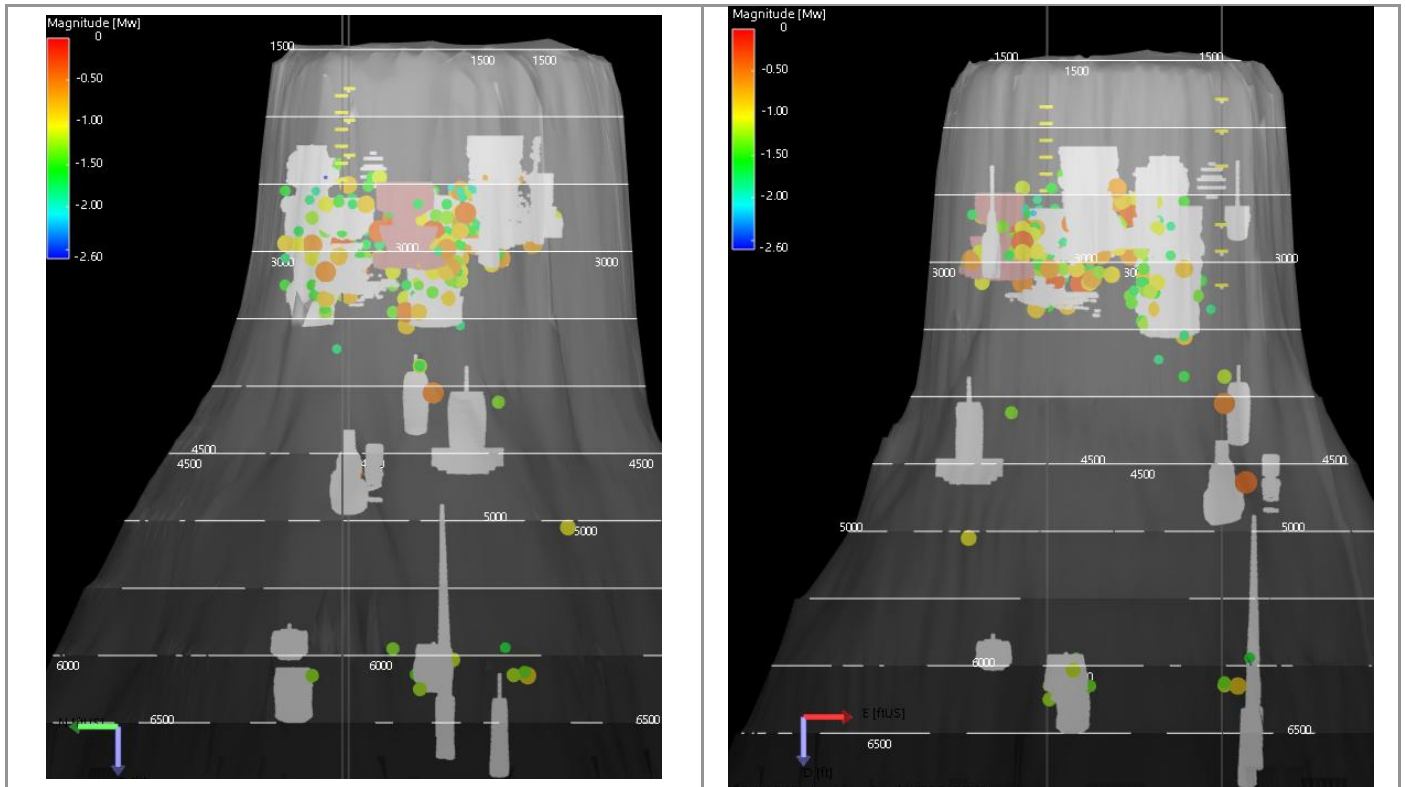
**Figure 15: Map view (left) and W-E side view (right) of the cumulative seismicity recorded since the beginning of the acquisition, located in the Cap Rock (red formation) and on the Flank. Green rectangle represents the AOI area. The events are colored, from blue to red, and sized by magnitude.**

## History around the caverns

The figures below show the history of the events associated with the caverns since the beginning of the acquisition (April 21, 2024).



**Figure 16: Map view of the events located in proximity to the caverns since the beginning of the acquisition (April 21, 2024). The events are colored, from blue to red, and sized by magnitude.**



**Figure 17: Cross sections W-E (right), looking from the South; and N-S (left), looking from the West of the events located close to the caverns since the beginning of the acquisition. The events are colored, from blue to red, and sized by magnitude.**

## APPENDIX 1 – Alert level criteria

Proposed Microseismic Alert Level Criteria and Response for Sulphur Mines Dome.

| Alert Status      | Criteria  | Response   |
|-------------------|---|--|
| Low (GREEN)       | No events with magnitude $\geq 0.5$ in AOI and/or<br>Less than 30 MEQ per day in AOI with magnitudes $\geq -1$                          | Once per week data processing, with previous monthly microseismic activity summary in the AOI is provided by the 15th of the following month to LDNR IMD.  |
| Advisory (YELLOW) | Event with magnitude $\geq 0.5$ and $< 1.0$ in AOI and/or<br>Count of MEQ per day $\geq 30$ and $< 40$ in AOI with magnitudes $\geq -1$ | Daily data processing M-F. Weekly reporting is provided LDNR IMD with activity summary from the previous week. Status remains active until seismic levels within the AOI reach "low"(green) level for 1 day.   |
| Watch (ORANGE)    | Event with magnitude $\geq 1$ and $< 1.5$ in AOI and/or<br>Count of MEQ $\geq 40$ and $< 50$ with magnitudes $\geq -1$ in AOI           | Seven days per week data processing, 2x week reporting with activity for the previous days is provided via email and text message notifications to IMD. Status remains active until seismic levels within the AOI reach Advisory or Low criteria for 2 consecutive days. |
| Warning (RED)     | Event with magnitude $\geq 1.5$ in the AOI and/or<br>Count of MEQ $\geq 50$ with magnitudes $\geq -1$ in the AOI                        | Seven days per week data processing, daily reporting with online meetings with stake holders as needed. The warning status level remains active until seismicity levels within the AOI reach a lower status level for 2 consecutive days.                                |

## APPENDIX 2 – Network Coordinates

Borehole arrays coordinates:

| Wellbore | Sensor | TVD SS | Easting (ft) | Northing (ft) |
|----------|--------|--------|--------------|---------------|
| PPG 6x   | Tool 1 | 1844   | 1343141      | 583425        |
| PPG 6x   | Tool 2 | 1969   | 1343141      | 583425        |
| PPG 6x   | Tool 3 | 2094   | 1343141      | 583425        |
| PPG 6x   | Tool 4 | 2219   | 1343141      | 583425        |
| PPG 6x   | Tool 5 | 2344   | 1343141      | 583425        |
| PPG 6x   | Tool 6 | 2469   | 1343141      | 583425        |
| PPG 20   | Tool 1 | 1790   | 1344445      | 583372        |
| PPG 20   | Tool 2 | 2025   | 1344445      | 583372        |
| PPG 20   | Tool 3 | 2285   | 1344445      | 583372        |
| PPG 20   | Tool 4 | 2720   | 1344445      | 583372        |
| PPG 20   | Tool 5 | 2920   | 1344445      | 583372        |
| PPG 20   | Tool 6 | 3170   | 1344445      | 583372        |

## Surface network coordinates:

| Station         | LAT WGS84         | LON WGS84         | Date start | Date end     |
|-----------------|-------------------|-------------------|------------|--------------|
| Temp_1a         | 30.2575           | -93.4123          | 1/30/2023  | 2/9/2023     |
| Temp_1b         | 30.2534           | -93.4135          | 2/9/2023   | 4/3/2023     |
| Temp_2a         | 30.2570           | -93.4097          | 1/30/2023  | 2/9/2023     |
| Temp_2b         | 30.2555           | -93.4132          | 2/9/2023   | 2/27/2023    |
| Temp_2c         | 30.2547           | -93.4138          | 2/27/2023  | 4/5/2023     |
| Temp_3a         | 30.2533           | -93.4091          | 1/30/2023  | 2/9/2023     |
| Temp_3b         | 30.2563           | -93.4146          | 2/9/2023   | 4/5/2023     |
| Temp_4a         | 30.2486           | -93.4123          | 1/30/2023  | 2/27/2023    |
| Temp_4b         | 30.2507           | -93.4121          | 2/27/2023  | 3/8/2023     |
| Temp_4c         | 30.2506           | -93.4100          | 3/8/2023   | 3/15/2023    |
| Temp_4d         | 30.2503           | -93.4119          | 3/15/2023  | est 4/3/2023 |
| Temp_5a         | 30.2502           | -93.4156          | 1/30/2023  | 2/27/2023    |
| Temp_5b         | 30.2507           | -93.4153          | 2/27/2023  | 3/15/2023    |
| Temp_5c         | 30.2504           | -93.4140          | 3/15/2023  | est 4/3/2023 |
| Temp_6a         | 30.2532           | -93.4166          | 1/30/2023  | 3/15/2023    |
| Temp_6b         | 30.2529           | -93.4161          | 3/15/2023  | 4/4/2023     |
| Temp_7a         | 30.2547           | -93.4161          | 1/30/2023  | 4/3/2023     |
| Semi Perm S01   | 30.2453           | -93.4073          | 4/4/2023   |              |
| Semi Perm S02   | 30.2571           | -93.4098          | 4/6/2023   |              |
| Semi Perm S03   | 30.2536           | -93.4091          | 4/6/2023   |              |
| Semi Perm S04   | 30.2470           | -93.4213          | 4/5/2023   | 5/12/2023    |
| Semi Perm S04_1 | 30.2506           | -93.4204          | 5/12/2023  |              |
| Semi Perm S05   | 30.2564           | -93.4224          | 4/5/2023   |              |
| Semi Perm S06   | 30.2532           | -93.4167          | 4/5/2023   |              |
| Semi Perm S07   | 30.2547           | -93.4162          | 4/5/2023   |              |
| SUL01 trillium  | 30.2452           | -93.4071          | 9/20/2023  | 3/12/2024    |
|                 | <b>LAT NAD 83</b> | <b>LON NAD 83</b> |            |              |
| SUL02 trillium  | 30.2570           | -93.4098          | 9/13/2023  |              |
| SUL03 trillium  | 30.2505           | -93.4203          | 9/12/2023  |              |
| SUL04 trillium  | 30.2563           | -93.4224          | 9/12/2023  |              |
| SUL05 trillium  | 30.2547           | -93.4161          | 9/13/2023  |              |
| SUL06 trillium  | 30.2535           | -93.4043          | 3/12/2024  |              |
| SUL07 trillium  | 30.2477           | -93.4141          | 3/12/2024  |              |

**Seismic Station locations and operational dates at Sulphur Mines Dome (to November 1, 2024).**

**Temporary Station locations and start and end dates provided by Westlake.**

**Trillium Station locations provided by Nanometrics and Westlake (Trillium SUL 02-07).**

## APPENDIX 3 – Catalogue of located events

| #  | Event origin time CST (UTC-5/-6) | Easting (ft) | Northing (ft) | Depth (ft) | ΔEasting (ft) | ΔNorthing (ft) | ΔDepth (ft) | Mw    | Area         |
|----|----------------------------------|--------------|---------------|------------|---------------|----------------|-------------|-------|--------------|
| 1  | 11/01/2025<br>18:59:18.653       | 1344666      | 583244        | 1350       | 296           | 774            | 552         | -1.91 | Cap-Rock     |
| 2  | 11/02/2025<br>05:48:10.784       | 1344166      | 583844        | 3250       | 309           | 940            | 396         | -1.53 | AOI-PPG-16   |
| 3  | 11/02/2025<br>06:27:40.423       | 1343895      | 582682        | 2904       | 289           | 1143           | 463         | -1.56 | AOI-LGS-02   |
| 4  | 11/03/2025<br>07:37:39.096       | 1344366      | 584344        | 4050       | 604           | 1777           | 926         | -1.60 | Flank        |
| 5  | 11/03/2025<br>09:04:13.330       | 1344466      | 583044        | 1550       | 275           | 759            | 428         | -2.13 | Cap-Rock     |
| 6  | 11/03/2025<br>23:02:17.560       | 1343065      | 582745        | 2917       | 368           | 1213           | 570         | -1.02 | AOI-PPG-07   |
| 7  | 11/03/2025<br>23:02:17.080       | 1343066      | 582844        | 2950       | 371           | 1247           | 596         | -1.55 | AOI-PPG-07   |
| 8  | 11/03/2025<br>23:02:22.682       | 1343093      | 582933        | 3055       | 353           | 1178           | 531         | -1.24 | AOI-PPG-07   |
| 9  | 11/03/2025<br>23:02:32.084       | 1343098      | 582831        | 2940       | 351           | 1188           | 559         | -1.12 | AOI-PPG-07   |
| 10 | 11/04/2025<br>19:37:45.549       | 1343988      | 582844        | 3226       | 382           | 1460           | 899         | -1.13 | AOI-LGS-02   |
| 11 | 11/04/2025<br>19:37:53.166       | 1343966      | 582844        | 3250       | 383           | 1473           | 897         | -1.40 | AOI-LGS-02   |
| 12 | 11/04/2025<br>19:37:57.514       | 1343966      | 582844        | 3250       | 380           | 1469           | 877         | -1.42 | AOI-LGS-02   |
| 13 | 11/05/2025<br>07:22:09.849       | 1342166      | 583144        | 4150       | 630           | 1859           | 1612        | -0.94 | AOI-Flank    |
| 14 | 11/05/2025<br>20:28:47.165       | 1343016      | 582600        | 1022       | 427           | 1429           | 563         | -2.18 | AOI-Cap-Rock |
| 15 | 11/07/2025<br>17:23:30.724       | 1343991      | 583391        | 2688       | 244           | 459            | 399         | -1.19 | AOI-PPG-16   |
| 16 | 11/07/2025<br>17:23:46.660       | 1344002      | 583386        | 2741       | 265           | 578            | 513         | -1.11 | AOI-PPG-16   |
| 17 | 11/08/2025<br>17:58:55.527       | 1343066      | 582670        | 1012       | 423           | 1373           | 528         | -2.06 | AOI-Cap-Rock |

| #  | Event origin time CST (UTC-5/-6) | Easting (ft) | Northing (ft) | Depth (ft) | ΔEasting (ft) | ΔNorthing (ft) | ΔDepth (ft) | Mw    | Area         |
|----|----------------------------------|--------------|---------------|------------|---------------|----------------|-------------|-------|--------------|
| 18 | 11/08/2025<br>23:22:26.996       | 1344766      | 585144        | 4850       | 986           | 2992           | 1483        | -1.81 | Flank        |
| 19 | 11/09/2025<br>12:08:24.018       | 1344766      | 584944        | 4350       | 894           | 2790           | 1394        | -0.76 | Flank        |
| 20 | 11/09/2025<br>12:08:38.868       | 1344666      | 585044        | 4450       | 909           | 2929           | 1528        | -1.32 | Flank        |
| 21 | 11/09/2025<br>13:09:53.639       | 1344666      | 585044        | 4150       | 883           | 2863           | 1495        | -1.22 | Flank        |
| 22 | 11/09/2025<br>19:32:53.061       | 1343231      | 582122        | 1240       | 423           | 1708           | 780         | -1.85 | AOI-Cap-Rock |
| 23 | 11/10/2025<br>00:25:28.172       | 1342866      | 583944        | 2750       | 425           | 930            | 835         | -1.23 | Flank        |
| 24 | 11/11/2025<br>09:21:46.122       | 1344005      | 582874        | 3318       | 326           | 1028           | 454         | -1.60 | AOI-PPG-02   |
| 25 | 11/11/2025<br>22:55:58.410       | 1344966      | 584744        | 5550       | 986           | 2911           | 1669        | -1.47 | Flank        |
| 26 | 11/12/2025<br>16:40:26.803       | 1344749      | 583668        | 3248       | 382           | 698            | 530         | -1.32 | Flank        |
| 27 | 11/14/2025<br>01:33:48.483       | 1344166      | 582944        | 3350       | 332           | 948            | 434         | -0.91 | AOI-PPG-02   |
| 28 | 11/14/2025<br>23:03:19.025       | 1343113      | 582562        | 1104       | 665           | 1413           | 759         | -2.10 | AOI-Cap-Rock |
| 29 | 11/17/2025<br>15:36:36.578       | 1344166      | 583144        | 1650       | 235           | 739            | 427         | -1.70 | AOI-Cap-Rock |
| 30 | 11/17/2025<br>18:18:51.351       | 1343935      | 582296        | 1081       | 438           | 1559           | 1058        | -1.78 | AOI-Cap-Rock |
| 31 | 11/19/2025<br>05:32:41.655       | 1343666      | 582144        | 2450       | 362           | 1614           | 1144        | -0.65 | AOI-PPG-02   |
| 32 | 11/20/2025<br>01:52:48.448       | 1344966      | 581144        | 4450       | 1071          | 3093           | 2574        | -1.50 | Flank        |
| 33 | 11/20/2025<br>04:18:34.615       | 1343966      | 582844        | 3450       | 441           | 1148           | 573         | -0.81 | AOI-LGS-02   |
| 34 | 11/20/2025<br>20:45:21.296       | 1344067      | 582533        | 2733       | 397           | 1326           | 1001        | -1.82 | AOI-LGS-02   |
| 35 | 11/22/2025<br>21:07:58.046       | 1344692      | 583599        | 3232       | 350           | 583            | 502         | -2.32 | Flank        |
| 36 | 11/23/2025<br>12:34:41.749       | 1344666      | 581344        | 4950       | 1005          | 2803           | 2143        | -1.05 | Flank        |

| #  | Event origin time CST (UTC-5/-6) | Easting (ft) | Northing (ft) | Depth (ft) | ΔEasting (ft) | ΔNorthing (ft) | ΔDepth (ft) | Mw    | Area       |
|----|----------------------------------|--------------|---------------|------------|---------------|----------------|-------------|-------|------------|
| 37 | 11/23/2025<br>12:35:00.047       | 1344566      | 581344        | 4950       | 1023          | 2830           | 2206        | -1.03 | Flank      |
| 38 | 11/24/2025<br>04:13:24.086       | 1344572      | 583666        | 3329       | 392           | 663            | 555         | -1.94 | Flank      |
| 39 | 11/24/2025<br>06:02:54.470       | 1342775      | 583066        | 2711       | 473           | 925            | 562         | -1.68 | AOI-PPG-07 |
| 40 | 11/26/2025<br>02:53:44.850       | 1342866      | 582844        | 2950       | 460           | 1160           | 731         | -1.44 | AOI-PPG-07 |
| 41 | 11/26/2025<br>08:30:07.967       | 1342939      | 582841        | 2936       | 452           | 1183           | 767         | -0.88 | AOI-PPG-07 |
| 42 | 11/26/2025<br>18:27:58.403       | 1342966      | 582744        | 2850       | 434           | 1204           | 777         | -0.37 | AOI-PPG-07 |
| 43 | 11/26/2025<br>20:44:13.308       | 1343405      | 582463        | 2525       | 317           | 1412           | 835         | -2.11 | AOI-PPG-02 |
| 44 | 11/26/2025<br>20:44:24.114       | 1343466      | 582544        | 2550       | 268           | 1359           | 661         | -1.91 | AOI-PPG-02 |
| 45 | 11/26/2025<br>20:44:36.096       | 1343389      | 582445        | 2540       | 324           | 1434           | 842         | -1.93 | AOI-PPG-02 |
| 46 | 11/26/2025<br>20:44:54.856       | 1343482      | 582527        | 2598       | 293           | 1334           | 752         | -1.84 | AOI-PPG-02 |
| 47 | 11/26/2025<br>20:45:48.297       | 1343418      | 582415        | 2808       | 314           | 1506           | 728         | -1.74 | AOI-PPG-02 |
| 48 | 11/28/2025<br>17:44:24.794       | 1342766      | 583244        | 2650       | 353           | 761            | 528         | -1.29 | AOI-PPG-07 |
| 49 | 11/29/2025<br>00:45:26.562       | 1343166      | 584044        | 3050       | 359           | 1163           | 535         | -1.85 | Flank      |
| 50 | 11/29/2025<br>03:46:54.170       | 1342647      | 582644        | 2925       | 415           | 1334           | 795         | -1.11 | AOI-PPG-07 |
| 51 | 11/29/2025<br>03:47:11.593       | 1342589      | 582646        | 2982       | 446           | 1381           | 760         | -0.60 | AOI-PPG-07 |
| 52 | 11/29/2025<br>03:47:24.319       | 1342666      | 582644        | 2950       | 445           | 1368           | 751         | -1.11 | AOI-PPG-07 |