



Water Supplies Department  
New Works Branch  
Construction Division  
11 Tai Yip Lane  
Kowloon Bay  
Kowloon  
Hong Kong

Your reference:

Our reference: HKWSD201/50/107696

Date: 13 December 2021

Attention: Mr Hivan Cheng

**BY POST**

Dear Sirs

Quotation No.: WQ/17/A071  
Independent Environmental Checker for Water Supplies Department  
- Contract No. 13/WSD/16 Mainlaying in Tseung Kwan O  
Verification of 12th Quarterly EM&A Report for May 2021 to July 2021

We refer to emails of 3 and 10 December 2021 attaching 12th Quarterly EM&A Report for May 2021 to July 2021 for the captioned project prepared by the ET.

We have no further comment and hereby verify the captioned report in accordance with Clause 3.5 of the Environmental Permit no. EP-503/2015/A.

Should you have any queries regarding the above, please do not hesitate to contact the undersigned or our Mr Louis Kwan on 2618 2831.

Yours faithfully  
ANEWR CONSULTING LIMITED

James Choi  
Independent Environmental Checker

CPSJ/KSYL/lsm



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水務署



Water Supplies Department

## Contract No. 13/WSD/16

Mainlaying in Tseung Kwan O

# 12<sup>th</sup> Quarterly EM&A Report For May 2021 to Jul 2021

August 2021  
(Rev. 0)

	<b>Prepared by:</b>	<b>Certified by:</b>
<b>Name</b>	Charlene Lai	Jacky Leung
<b>Position</b>	Environmental Team	Environmental Team Leader
<b>Signature</b>		
<b>Date:</b>	30 August 2021	30 August 2021

### Revision History

<b>0</b>	1 <sup>st</sup> Submission	30 Aug 2021
<b>Rev.</b>	<b>DESCRIPTION OF MODIFICATION</b>	<b>DATE</b>

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## **EXECUTIVE SUMMARY**

- A1. Penta-Ocean - Concentric Joint Venture (POCJV) is contracted to carry out the Mainlaying in Tseung Kwan O under Contract No. 13/WSD/16 (hereinafter known as “the Project”).
- A2. In accordance with the Environmental Monitoring and Audit (EM&A) Manual for the Project, EM&A works should be carried out by Environmental Team (ET), Acuity Sustainability Consulting Limited (ASCL), during the construction phase of the Project.
- A3. The construction works of Mainlaying in Tseung Kwan O were commenced on 30 August 2018. This is the 12<sup>th</sup> quarterly Environmental Monitoring and Audit (EM&A) summary Report prepared by ASCL. This report presents the EM&A works carried out during the period of 1 May 2021 to 31 July 2021.
- A4. A summary of the monitoring activities undertaken in this reporting period is listed below:

<b>Monitoring Activities</b>	<b>Frequency</b>
Daytime Noise monitoring	13 times
Landfill Gas Monitoring	2230 times
Environmental Site Inspection	13 times

- A5. No project-related exceedance of the Action/Limit Level was recorded during the reporting quarter.
- A6. 13 times of noise impact monitoring were conducted on 7, 13, 21 and 26/05/2021, 3, 10, 19 and 25/06/2021 and 2, 8, 16, 20 and 28/07/2021 at NSR4 Creative Secondary School since projected-related construction activities were undertaken within a radius of 300m from the monitoring location.
- A7. No exceedance of landfill gas monitoring was recorded during the reporting quarter.
- A8. One project-related environmental complaint was received in the reporting quarter and the site condition of the concerned area was reviewed by ET. ET noted that although there was no excavation works on-going or scheduled, clearance works and works that create disturbance to ground surface were previously conducted. To prevent the muddy water discharge from the construction site, the contractor has implemented and enhanced the mitigation measures to cater for any upcoming rainstorms or heavy precipitation from the site. Sandbags are placed along the site boundary and submersible pump is provided to direct the runoff to the wastewater treatment tank before reusing or discharging into the designated discharge point. Cement application to exposed earth within the site was also observed during the inspection on 13 August 2021, which was being implemented to prevent erosion caused by the precipitation. The temporarily exposed slope and areas were covered by tarpaulin.
- A9. No summons/prosecutions were received in the reporting quarter.
- A10. There were no changes to be reported that may affect the on-going EM&A programme.

## **1 Basic Project Information**

### 1.1.1 Background

1.1.2 The proposed Desalination Plant at Tseung Kwan O (DPTKO) will produce potable water with an initial capacity of 135 million liters per day (MLD), expandable to an ultimate capacity of 270 MLD in the future to provide a secure and alternative fresh water resource complying with the World Health Organization (WHO) standards. The plant will adopt the Seawater Reverse Osmosis (SWRO) technology, which dominates the market due to its reliability and progressive reduction in cost as the technology advances.

1.1.3 Pursuant to the Environmental Impact Assessment Ordinance (EIAO), the Director of Environmental Protection granted the Variation of Environmental Permit (No. EP-503/2015/A) to Water Supplies Department (WSD) for the Project on 26 January 2018.

1.1.4 The scope of the Contract may be considered in brief, to consist of the laying of about 10km long 1200mm diameter fresh water mains and the associated works along the alignment of the Project as shown with the overall view in **Appendix A**.

### 1.1.5 The Reporting Scope

1.1.6 This is the 12<sup>th</sup> Quarterly EM&A Report for the Project which summarizes the key findings of the EM&A programme during the reporting period from 1 May 2021 to 31 Jul 2021.

1.1.7 The Project Organization structure for the Construction Phase is presented in **Appendix B**.

1.1.8 Contact details of the key personnel are presented in **Table 1.1** below:

**Table 1.1 Contact Details of Key Personnel**

<b>Party</b>	<b>Position</b>	<b>Name</b>	<b>Telephone no.</b>
Penta-Ocean - Concentric Joint Venture	Environmental Officer	Calvin Chik	9863-5630
Acuity Sustainability Consulting Limited	Environmental Team Leader	Jacky Leung	2698-6833
ANewR Consulting Limited	Independent Environmental Checker	James Choi	2618-2831

1.1.9 Summary of Construction Works

1.1.10 Details of the major construction works undertaken in this reporting quarter are shown in **Table 1.2** and **Appendix D**. The construction programme is presented in **Appendix C**.

**Table 1.2 Summary of the Construction Works Undertaken during the Reporting quarter**

Location	Location	Works Conducted in the reporting month
Portion H of the Project Site	TKO 137 Pit B	<ul style="list-style-type: none"> <li>• Pipe jacking by TBM was conducted.</li> </ul>
Portion J of the Project Site	Wan Po Rd – Workfront 1	<ul style="list-style-type: none"> <li>• Pipe trench excavation and pipe laying works were conducted.</li> </ul>
	Wan Po Rd – Workfront 2	<ul style="list-style-type: none"> <li>• Pipe trench excavation and pipe laying works were conducted.</li> </ul>
	Wan Po Rd – Workfront 3	<ul style="list-style-type: none"> <li>• Pipe trench excavation and pipe laying works were conducted.</li> </ul>
	Wan Po Rd – Workfront 4	<ul style="list-style-type: none"> <li>• Pipe trench excavation and pipe laying works were conducted.</li> </ul>
	Wan Po Rd – Pit A	<ul style="list-style-type: none"> <li>• Pit excavation and ELS works were conducted.</li> </ul>
	Wan Po Rd – Pit B	<ul style="list-style-type: none"> <li>• Drilling and re-grouting works were conducted.</li> <li>• Pit excavation works were conducted.</li> </ul>
	Wan Po Rd – Pit D	<ul style="list-style-type: none"> <li>• Pit excavation and ELS works were in-progress.</li> </ul>
	Landfill Stage 1 – Area A	<ul style="list-style-type: none"> <li>• Construction works for 900HSV chamber were conducted.</li> </ul>
	Landfill Stage 1 – Area B	<ul style="list-style-type: none"> <li>• Trench excavation and pipe laying were conducted.</li> </ul>
	Cycle Track – Workfront 1	<ul style="list-style-type: none"> <li>• Trench excavation and pipe laying were conducted.</li> </ul>
	Cycle Track – Workfront 2	<ul style="list-style-type: none"> <li>• Trench excavation and pipe laying were conducted.</li> </ul>
	Pung Loi Rd – Pit WPR1	<ul style="list-style-type: none"> <li>• Trial pit works and removal of abandoned CLP cable were conducted.</li> </ul>
	Velofrome – Pit J1A	<ul style="list-style-type: none"> <li>• Pit construction works were conducted.</li> <li>• Setting up work for trenchless works by hand-shield was conducted</li> </ul>
	Velodrome – Pit M	<ul style="list-style-type: none"> <li>• Pipe jacking preparation works were conducted.</li> <li>• Commencement of Micro Tunnel Boring Machine (MTBM) pipe jacking works</li> </ul>
	Velodrome – Pit O	<ul style="list-style-type: none"> <li>• Construction works for rescue pit for TBM were conducted.</li> </ul>
	Velodrome – Pit P	<ul style="list-style-type: none"> <li>• Pipe jacking preparation works.</li> <li>• Horizontal drilling ground treatment works were conducted.</li> </ul>
Mau Wu Tsai – Workfront 1	<ul style="list-style-type: none"> <li>• Trench excavation and pipe laying works were conducted.</li> </ul>	

Location	Location	Works Conducted in the reporting month
	Po Lam Road (D2)	<ul style="list-style-type: none"> <li>Trench excavation and pipe laying works were conducted.</li> <li>Reinstatement works were conducted</li> </ul>
	Po Lam Road (A0)	<ul style="list-style-type: none"> <li>Trench excavation and pipe laying works were conducted.</li> <li>Trench backfilling and re-instatement works were conducted.</li> <li>Concrete carriageway reinstatement works were conducted.</li> </ul>
	Po Lam Road (D1)	<ul style="list-style-type: none"> <li>Trench excavation and pipe laying works were conducted.</li> </ul>
	Po Lam Road (B5)	<ul style="list-style-type: none"> <li>Trench excavation and pipe laying works were conducted.</li> </ul>
	Tsui Lam Road	<ul style="list-style-type: none"> <li>Trial pit works were conducted.</li> <li>Reinstatement work of trial pit was conducted</li> </ul>
	TKO Primary Service Reservoir	<ul style="list-style-type: none"> <li>Trench excavation and pipe laying works were conducted.</li> <li>Trai pit excavation works were conducted.</li> </ul>

1.1.11 Summary of Environmental Status

1.1.12 A summary of the valid permits, licences, and /or notifications on environmental protection for this Project is presented in **Table 1.3**.

**Table 1.3 Summary of the Status of Valid Environmental Licence, Notification, Permit and Documentations**

Permit/ Licences/ Notification	Reference	Validity Period	Remarks
Variation of Environmental Permit	EP no.: EP-503/2015/A	Throughout the Contract	-
Notification of Construction Works under the Air Pollution Control (Construction Dust) Regulation (Form NA)	Ref no.: 423775	Throughout the Contract	-
Chemical Waste Producer Registration	WPN: 5213-839-P3287-01	Throughout the Contract	-
Billing Account for Disposal of Construction Waste	A/C no.: 7029491	Throughout the Contract	-
Water Discharge License	WT00032336-2018	Until 31 Dec 2023	-
Construction Noise Permit (Hong Kong Velodrome)	GW-RE0961-20	From 20 November 2020 until 17 May 2021	-
Construction Noise Permit (Hong Kong Velodrome)	GW-RE0494-21	From 17 May 2021 until 16 Nov 2021	-

Construction Noise Permit (Tseung Kwan O Area 137, N.T.)	GW-RE0383-21	From until 1 May 2021 30 September 2021	
Construction Noise Permit (Wan Po Road, Wan O Road and Chun Yat Street)	GW-RE0277-21	From 31 March 2021 until 30 September 2021	-

1.1.13 The status for all environmental aspects is presented **Table 1.4**.

**Table 1.4 Summary of Status for Key Environmental Aspects under the EM&A Manual**

Parameters	Status
Noise	
Baseline Monitoring	The baseline noise monitoring result has been reported in Baseline Monitoring Report and submitted to EPD under VEP Condition 3.4
Impact Monitoring	13 times of noise impact monitoring were conducted on 7, 13, 21 and 26/05/2021, 3, 10, 19 and 25/06/2021 and 2, 8, 16, 20 and 28/07/2021 at NSR4 Creative Secondary School since projected-related construction activities were undertaken within a radius of 300m from the monitoring location.
Waste Management	
Mitigation Measures in Waste Monitoring Plan	On-going
Landfill Gas Monitoring	
Mitigation Measures	On-going
Monitoring	On-going
Environmental Audit	
Site Inspection	On-going

1.1.14 Other than the EM&A works by ET, regular environmental management meetings were conducted in order to enhance environmental awareness and closely monitor the environmental performance of the contractors.

1.1.15 The EM&A programme has been implemented in accordance with the recommendations presented in the approved EIA Report and the EM&A Manual. A summary of implementation status of the environmental mitigation measures for the construction phase of the Project during the reporting period is provided in **Appendix F**.

## 2 Noise Monitoring

- 2.1.1 Referring to EM&A manual Section 4.1.2, the impact noise monitoring should be carried out at all the designated monitoring stations when there are project-related construction activities undertaken within a radius of 300m from the monitoring stations.
- 2.1.2 13 times of noise impact monitoring were conducted on 7, 13, 21 and 26/05/2021, 3, 10, 19 and 25/06/2021 and 2, 8, 16, 20 and 28/07/2021 at NSR4 Creative Secondary School since projected-related construction activities were undertaken within a radius of 300m from the monitoring location.
- 2.1.3 NSR4 was appointed as a Hong Kong Diploma of Secondary Education Examination (HKDSE) examination centre from 03<sup>rd</sup> to 15<sup>th</sup> May, 2021 in the reporting period. Examinations were scheduled in the reporting month on 21<sup>st</sup> and 26<sup>th</sup> May, 2021. Hence the noise limit level was 65.0 dB(A) on 07<sup>th</sup>, 21<sup>st</sup> and 26<sup>th</sup> May, 2021. The noise limit level was 70 dB(A) for other impact monitoring dates. DSE examination schedule and Academic School Calendar can be found in **Appendix K**. No examinations were scheduled for NSR4 Creative Secondary School in June and July 2021. Academic School Calendar can be found in **Appendix K**.
- 2.1.4 Detailed monitoring results are presented in **Appendix J**. Academic School calendar for the reporting quarter was presented in **Appendix K**.
- 2.1.5 No notification of summons and prosecution related to noise was received in the reporting quarter.
- 2.1.6 No noise project-related complaints were received in the reporting quarter.

## 3 Waste Management

- 3.1.1 A total of 6.285 m<sup>3</sup> of inert C&D materials was collected to the Fill Bank, 0.011 m<sup>3</sup> C&D waste and general refuse were disposed of at Landfill, 0.152 tonnes of paper/ cardboard packaging was recycled and 0 tonnes chemical waste collected by licensed contractor for disposal in the reporting quarter. Waste Flow Table is shown in **Appendix E**.

## 4 Summary of Monitoring Exceedance, Complaints, Notification of Summons and Prosecutions

- 4.1.1 One project-related environmental complaint was received in the reporting quarter and the site condition of the concerned area was reviewed by ET. ET noted that although there was no excavation works on-going or scheduled, clearance works and works that create disturbance to ground surface were previously conducted. To prevent the muddy water discharge from the construction site, the contractor has implemented and enhanced the mitigation measures to cater for any upcoming rainstorms or heavy precipitation from the site. Sandbags are placed along the site boundary and submersible pump is provided to direct the runoff to the wastewater treatment tank before reusing or discharging into the designated discharge point. Cement application to exposed earth within the site was also observed during the inspection on 13 August 2021, which was being implemented to prevent erosion caused by the precipitation. The temporarily exposed slope and areas were covered by tarpaulin.

## 5 EM&A Site Inspection

5.1.1 Site inspections were carried out on a weekly basis to monitor the implementation of proper environmental pollution control and mitigation measures under the Contract. In the reporting quarter, site inspections were carried out on 7, 14, 20 and 26 May 2021, 3, 11, 18 and 25 June 2021, and 2, 8, 16, 22 and 27 July 2021 at the site portions list in **Table 5.1** below.

**Table 5.1 Site Inspection Record**

Date	Inspected Site Portion	Time
7, 14, 20 and 26 May 2021, 3, 11, 18 and 25 June 2021, and 2, 8, 16, 22 and 27 July 2021	Portion F, H and J	9:15 am – 12:30 pm

5.1.2 Three joint site inspections with IEC was carried out on 26 May 2021, 25 June 2021 and 27 July 2021.

5.1.3 Minor deficiencies were observed during weekly site inspection. Key observations during the site inspections are summarized in **Table 5.2**.

**Table 5.2 Site Observations**

Date	Environmental Observations	Follow-up Status
07 May 2021	1. Oil leakage was observed at 137 Pit B.	1. Oil leakage was cleaned.
14 May 2021	1. Chemicals were not placed on a drip tray at Mau Wu Tsai Abandoned Road. 2. NRMM label was not observed at the NRMM at Pit X.	1. Chemicals were removed. 2. NRMM label was replaced.
20 May 2021	1. Chemicals were not placed on a drip tray at CH.HE1+80~2+00, Section A0 and Po Lam South Road. 2. NRMM label was not observed at the NRMM at Po Lam South Road, Pit X.	1. Chemicals were removed. 2. The NRMM was out of service and would be transported out from the working portion.
26 May 2021	No observations were recorded on the respective day.	
03 June 2021	1. Environmental permit was not observed at the vehicle entrance/exit at 137 Pit C. 2. Gully was not protected by sandbags and geo-textile at Wan Po Road 2.	1. Environmental permit was observed at the vehicle entrance/exit. 2. Gully was protected by sandbags and geo-textile.
11 June 2021	1. Chemicals were found not placed on a drip tray at CH.HE1+80~2+00. 2. Dusty materials (temporary) were not covered by tarpaulin sheet to limit dust emission at CH.HE1+80~2+00.	1. Chemicals were removed. 2. Dusty materials (temporary) were covered by tarpaulin sheet to limit dust emission.



Date	Environmental Observations	Follow-up Status
18 June 2021	<ol style="list-style-type: none"> <li>1. Gully was not protected by sandbags and geo-textile at Wan Po Road 2 and Wan Po Road 3.</li> <li>2. Construction boundaries were not protected by sandbags fully at Wan Po Road 3.</li> <li>3. Dusty materials were found directly next to the water barriers. These materials shall be removed to prevent these materials escape from the construction site at Wan Po Road 3.</li> </ol>	<ol style="list-style-type: none"> <li>1. Gully was protected by sandbags and geo-textile.</li> <li>2. Construction boundaries were protected by sandbags.</li> <li>3. Dusty materials were cleaned.</li> </ol>
25 June 2021	No observations were recorded on the respective day.	
02 July 2021	<ol style="list-style-type: none"> <li>1. Chemicals were not placed inside a drip tray at Portion F, Wan Po Road 4, Landfill Stage 1 Area A and CH.FC 4+50.</li> <li>2. Environmental permit was not observed at the site entrance/exit at Wan Po Road 4, Pit A.</li> <li>3. Gully was not covered with geo-textile and sandbags at Wan Po Road 3.</li> <li>4. Untreated wastewater was observed discharging from the site area at Wan Po Road 3.</li> <li>5. Construction boundary was not protected by sandbags fully at Jacking Pit B.</li> </ol>	<ol style="list-style-type: none"> <li>1. Chemicals were placed in the drip tray or removed.</li> <li>2. Environmental permit was observed.</li> <li>3. Gully was covered with geo-textile and sandbags.</li> <li>4. No water was discharged from the construction site.</li> <li>5. Construction boundary was protected by sandbags fully.</li> </ol>
08 July 2021	<ol style="list-style-type: none"> <li>1. Environmental permit was not observed at the exit or entrance at Wan Po Road</li> <li>2. Untreated water was observed discharging from the site at Wan Po Road 3. A sedimentation tank or water treatment facilities should be added.</li> <li>3. Chemicals were not placed on a drip tray at Wan Po Road 3.</li> <li>4. Construction boundary was not fully protected by sandbags at Wan Po Road 3.</li> </ol>	<ol style="list-style-type: none"> <li>1. Environmental permit was observed.</li> <li>2. No water was discharged from the construction site</li> <li>3. Chemicals were removed.</li> <li>4. Construction boundary was fully protected by sandbags.</li> </ol>
16 July 2021	<ol style="list-style-type: none"> <li>1. Environmental permit was not observed at Pit L (Hong Kong Velodrome).</li> </ol>	<ol style="list-style-type: none"> <li>1. Environmental permit was observed.</li> <li>2. Drip tray was cleaned.</li> </ol>



Date	Environmental Observations	Follow-up Status
	2. Regular cleaning of drip tray should be conducted to prevent overflow of trapped materials at Pit O. (Hong Kong Velodrome). 3. Regular cleaning of deposited materials in the water sedimentation tank to allow efficient drainage at Pit O should be conducted (Hong Kong Velodrome). 4. Oil leakage was observed at Pit N (Hong Kong Velodrome).	3. Deposited materials in the water sedimentation tank was cleaned. 4. Oil leakage was cleaned.
22 July 2021	1. Environmental permit was not observed at the site entrance/exit at Pit Y. 2. Chemical was not observed in a drip tray at Pit O.	1. Environmental permit was observed. 2. Chemical was removed.
27 July 2021	No observations were recorded on the respective day.	

5.1.4 According to the EIA Study Report, Environmental Permit, contract documents and EM&A Manual, the mitigation measures detailed in the documents should be implemented as much as practical. An updated Implementation Status of Environmental Mitigation Measures (EMIS) is provided in **Appendix F**.

## 6 Landfill gas monitoring

6.1.1 In accordance with Section 11 of the EM&A Manual, monitoring of landfill gas is required for construction works within the 250m Consultation Zone. Part of the desalination plant and the indicative area of natural slope mitigation works fall within the SENT Landfill Extension Consultation Zone; and part of the 1,200 mm diameter fresh water mains along Wan Po Road falls within the SENT Landfill and SENT Landfill Extension Consultation Zones, TKO Stage II/III Restored Landfill and TKO Stage I Restored Landfill Consultation Zones. Monitoring was conducted from May 2021 to July 2021.

6.1.2 Monitoring of oxygen, methane and carbon dioxide was performed for excavations at 1m depth or more within the consultation Zone. In this reporting quarter, 2230 times of monitoring was recorded. Action and Limit Level is provided in **Appendix G**.

6.1.3 Monitoring Equipment used in the reporting quarter are summarised in **Table 6.1**.

6.1.4 In the reporting quarter, landfill gas monitoring was carried out by the Registered Safety Officer by the Contractor at the excavation locations for 2230 times. The monitoring results and Action Level are provided in **Appendix H** and **Appendix G** respectively.

**Table 6.1 Landfill Gas Monitoring Equipment**

Equipment	Model and Make	Calibration Expiry Date
Gas Detector	QRAE III	27 July 2021
Gas Detector	QRAE III	27 July 2022

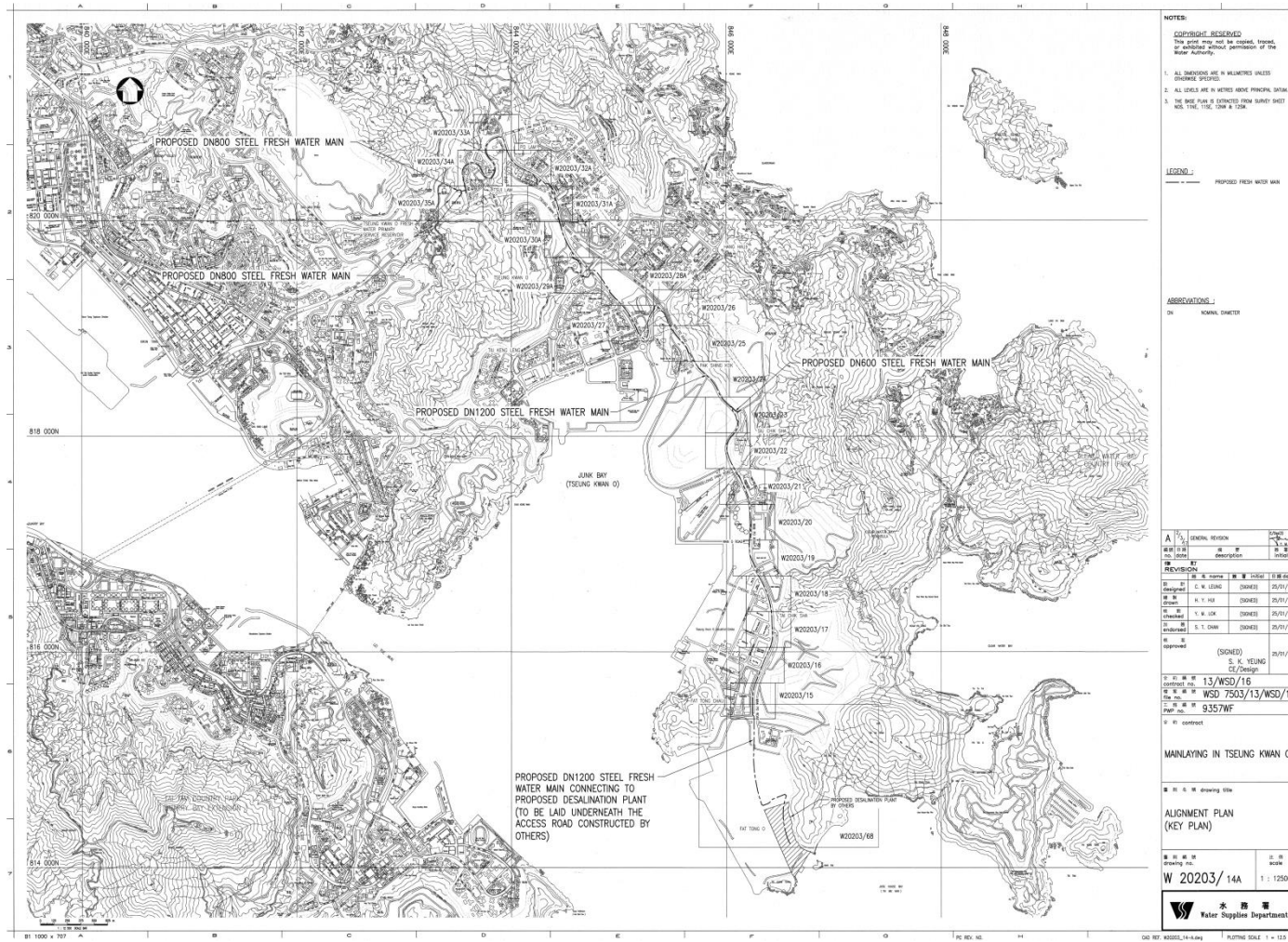
## 7 Conclusion and Recommendations

- 7.1.1 This is the 12<sup>th</sup> quarterly Environmental Monitoring and Audit (EM&A) Summary Report prepared by ASCL. This report presents the EM&A works carried out during the period of 1 May 2021 to 31 July 2021 in accordance with the EM&A Manual and the requirement under EP-503/2015/A.
- 7.1.2 13 times of noise impact monitoring were conducted on 7, 13, 21 and 26/05/2021, 3, 10, 19 and 25/06/2021 and 2, 8, 16, 20 and 28/07/2021 at NSR4 Creative Secondary School since projected-related construction activities were undertaken within a radius of 300m from the monitoring location.
- 7.1.3 NSR4 was appointed as a Hong Kong Diploma of Secondary Education Examination (HKDSE) examination centre from 03<sup>rd</sup> to 15<sup>th</sup> May, 2021 in the reporting period. Examinations were scheduled in the reporting month on 21<sup>st</sup> and 26<sup>th</sup> May, 2021. Hence the noise limit level was 65.0 dB(A) on 07<sup>th</sup>, 21<sup>st</sup> and 26<sup>th</sup> May, 2021. The noise limit level was 70 dB(A) for other impact monitoring dates. DSE examination schedule and Academic School Calendar can be found in **Appendix K**. No examinations were scheduled for NSR4 Creative Secondary School in June and July 2021. Academic School Calendar can be found in **Appendix K**.
- 7.1.4 One project-related environmental complaint was received in the reporting quarter and the site condition of the concerned area was reviewed by ET. ET noted that although there was no excavation works on-going or scheduled, clearance works and works that create disturbance to ground surface were previously conducted. To prevent the muddy water discharge from the construction site, the contractor has implemented and enhanced the mitigation measures to cater for any upcoming rainstorms or heavy precipitation from the site. Sandbags are placed along the site boundary and submersible pump is provided to direct the runoff to the wastewater treatment tank before reusing or discharging into the designated discharge point. Cement application to exposed earth within the site was also observed during the inspection on 13 August 2021, which was being implemented to prevent erosion caused by the precipitation. The temporarily exposed slope and areas were covered by tarpaulin.
- 7.1.5 No landfill gas exceedance was recorded in the reporting quarter.
- 7.1.6 No project-related exceedance of the Action Level was recorded during the reporting period.
- 7.1.7 Weekly environmental site inspection was conducted during the reporting quarter. Minor deficiencies were observed during site inspection and were rectified. The environmental performance of the Project was therefore considered satisfactory.
- 7.1.8 According to the environmental site inspections performed in the reporting quarter, the Contractor is reminded to pay attention on maintaining site tidiness and proper materials storage. The Contractor is also reminded to consider capacity of water treatment facilities.
- 7.1.9 No notification of summons or prosecution was received since commencement of the Contract.
- 7.1.10 The ET will keep track on the construction works to confirm compliance of environmental requirements and the proper implementation of all necessary mitigation measures.
- 7.1.11 Statistics on complaints and regulatory compliance are summarized in **Appendix I**.

# Appendix A

## Overview of Mainlaying in TKO

**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



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- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
- ALL LINES ARE IN METRES UNLESS OTHERWISE SPECIFIED.
- THE BASE PLAN IS EXTRACTED FROM SURVEY SHEET NOS. 13E, 13F, 13G & 13H.

**LEGEND:**  
 ——— PROPOSED FRESH WATER MAIN

**ABBREVIATIONS:**  
 DN NOMINAL DIAMETER

NO.	REVISION	DATE
A	GENERAL REVISION	25/01/17
B	REVISION	25/01/17
C	REVISION	25/01/17
D	REVISION	25/01/17
E	REVISION	25/01/17
F	REVISION	25/01/17
G	REVISION	25/01/17
H	REVISION	25/01/17
I	REVISION	25/01/17
J	REVISION	25/01/17
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P	REVISION	25/01/17
Q	REVISION	25/01/17
R	REVISION	25/01/17
S	REVISION	25/01/17
T	REVISION	25/01/17
U	REVISION	25/01/17
V	REVISION	25/01/17
W	REVISION	25/01/17
X	REVISION	25/01/17
Y	REVISION	25/01/17
Z	REVISION	25/01/17

**DESIGNED BY:** S. K. YEUNG  
**CHECKED BY:** S. T. CHAN  
**DATE:** 25/01/17

**PROJECT:** 13/WSD/16  
**CONTRACT NO.:** WSD 7503/13/WSD/16  
**PLAN NO.:** Q357WF

**MAINLAYING IN TSEUNG KWAN O**

**ALIGNMENT PLAN (KEY PLAN)**

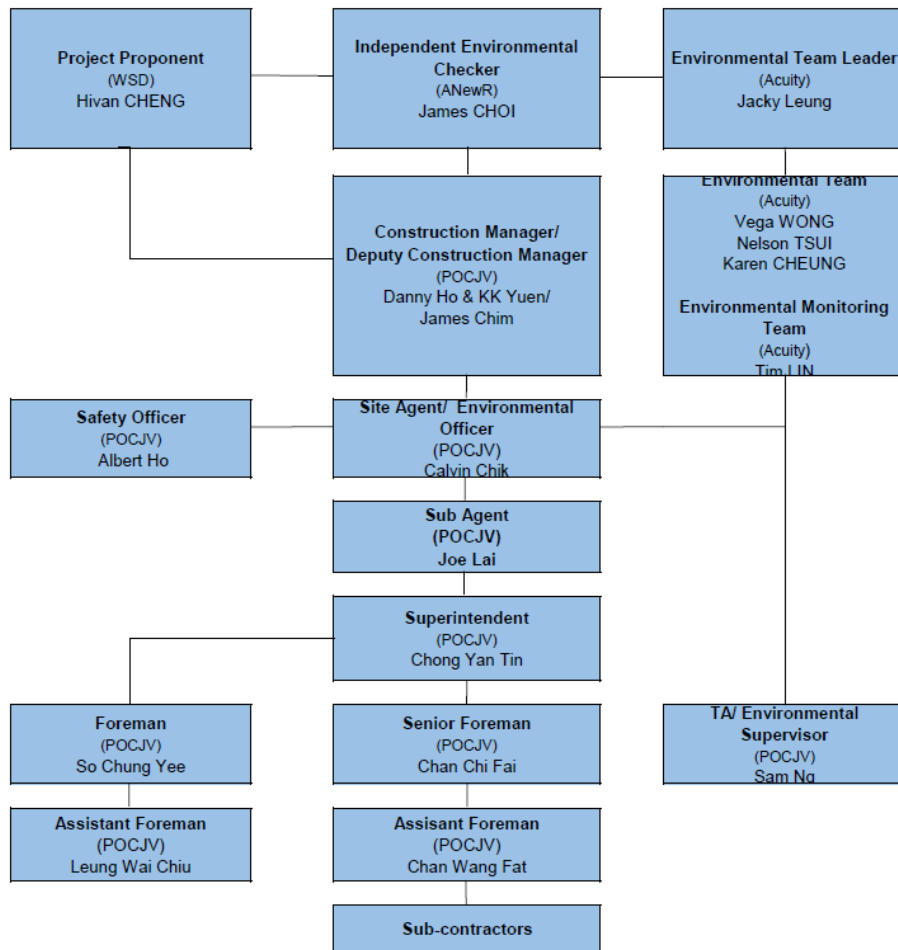
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**WATER SUPPLIES DEPARTMENT**

**Overview of Mainlaying in TKO**

# Appendix B

## Project Organization Chart



# Appendix C

## Construction Programme



# Contract No. 13/WSD/16

## Mainlaying in Tseung Kwan O

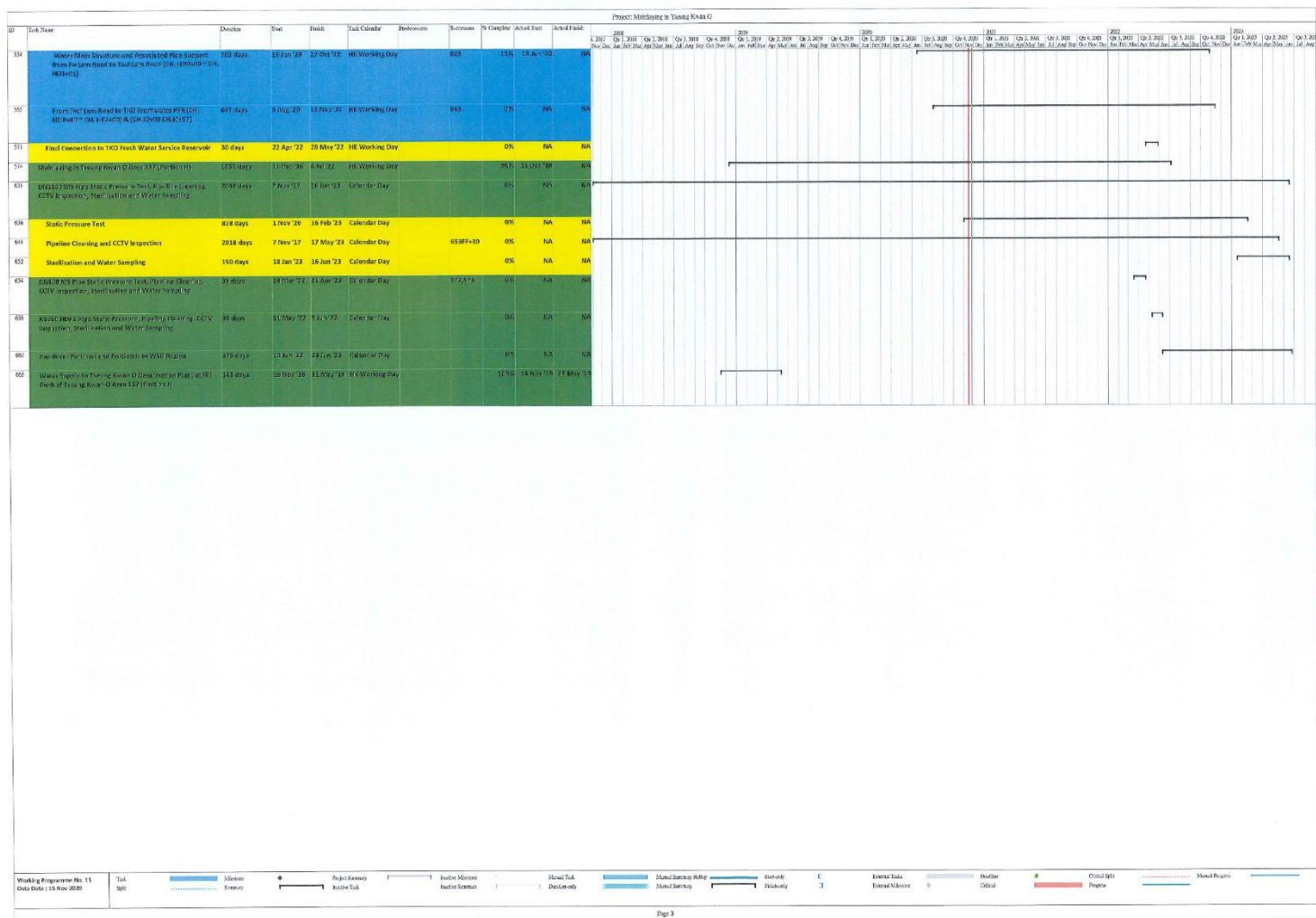
### 12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021



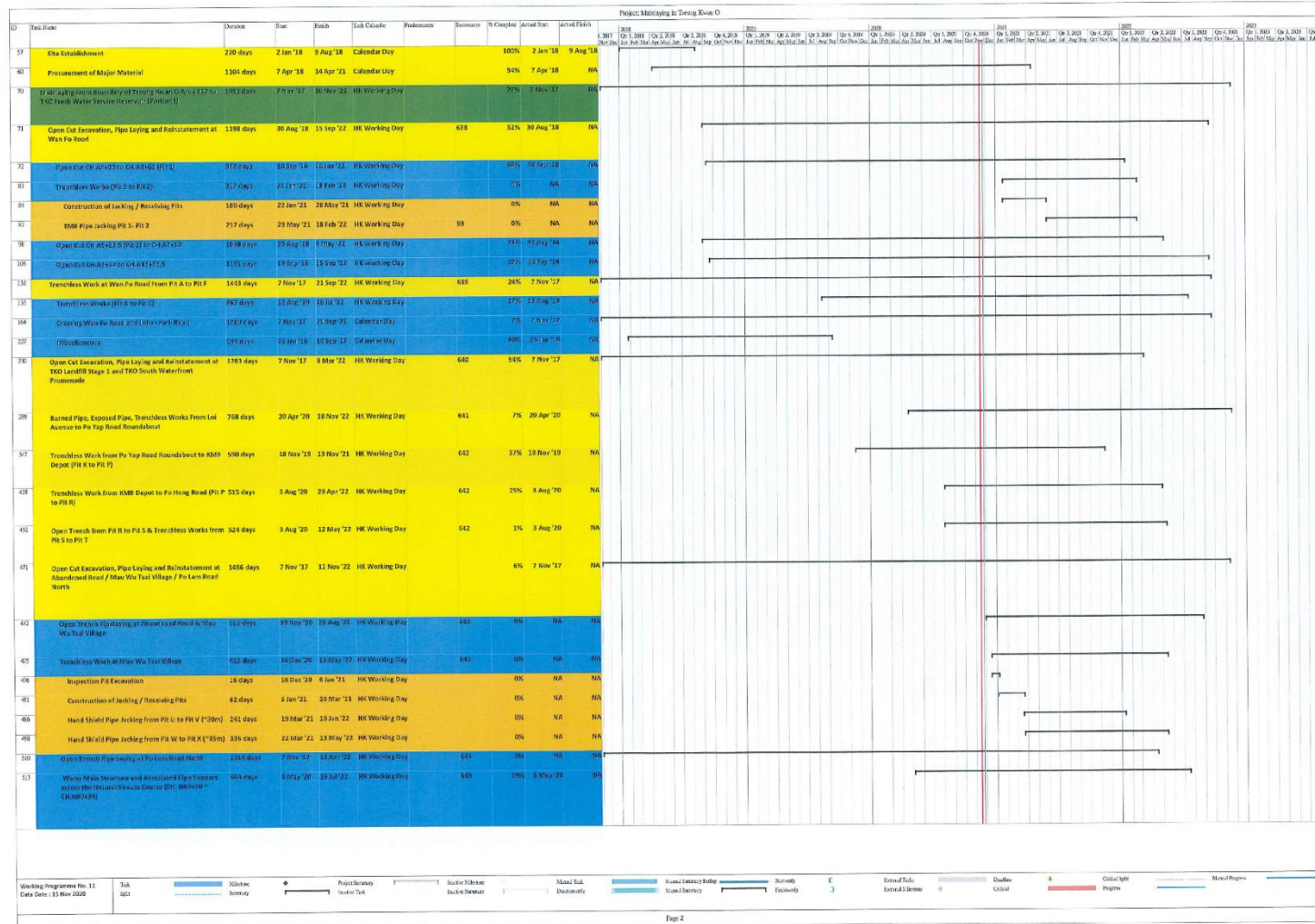
Project: Mainlaying in Tseung Kwan O										
Task Name	Duration	Start	Finish	Task Category	Predecessors	Successors	% Complete	Actual Start	Actual Finish	
1	Key Dates	2520 days	7 Nov '17	22 Jun '24	Calendar Day		0%	7 Nov '17	NA	
2	Contract Date	0 days	7 Nov '17	7 Nov '17	Calendar Day	36,28,29F	100%	7 Nov '17	7 Nov '17	
3	Starting Date	0 days	16 Nov '17	16 Nov '17	Calendar Day		100%	16 Nov '17	16 Nov '17	
4	Access Date of Portion A, B, C, D, E, F and G	0 days	16 Nov '17	16 Nov '17	Calendar Day	56,12,40,6	100%	16 Nov '17	16 Nov '17	
5	Access Date of Portion H	0 days	10 Aug '19	10 Aug '19	Calendar Day	582	100%	10 Aug '19	10 Aug '19	
6	Completion Date (Contract)	0 days	18 May '21	18 May '21	Calendar Day		100%	18 May '21	18 May '21	
7	Revised Completion Date (Including EDT - CE21 & CE23)	0 days	11 Feb '22	11 Feb '22	Calendar Day		100%	11 Feb '22	11 Feb '22	
8	Planned Completion	0 days	23 Jun '23	23 Jun '23	Calendar Day	10	0%	NA	NA	
9	Defect Date	0 days	22 Jun '24	22 Jun '24	Calendar Day	1085+180 days	0%	NA	NA	
10	Mainlaying in Tseung Kwan O	2635 days	7 Nov '17	23 Jun '23	Calendar Day		915/2635 d	35%	7 Nov '17	NA
11	Issue CE No. 01 - Change in Pressure Rating of Watermain, Valves and Fittings from PN16 to PN25	0 days	12 Jul '18	12 Jul '18	Calendar Day	37	100%	12 Jul '18	12 Jul '18	
12	Issue CE No. 04 - Feasibility Study of Realignment of Pipeline between Po Hung Road and TSO Freshwater PWT	0 days	23 Aug '18	23 Aug '18	Calendar Day		100%	23 Aug '18	23 Aug '18	
13	Issue CE No. 05 - Feasibility Study of Realignment of Pipeline at Tseung Kwan O Stage 1 Landfill	0 days	23 Aug '18	23 Aug '18	Calendar Day		100%	23 Aug '18	23 Aug '18	
14	Issue CE No. 10 - Contractor Design of The Realignment	0 days	28 Feb '19	28 Feb '19	Calendar Day		100%	28 Feb '19	28 Feb '19	
15	Issue CE No. 20 - Traffic Count and Preliminary Traffic Analysis in Po Lam Road and Tsui Lam Road	0 days	19 Jun '19	19 Jun '19	Calendar Day		100%	19 Jun '19	19 Jun '19	
16	Issue CE No. 27 - Underground Utilities Detection Survey for Working PI D (CI, A22x75)	0 days	2 Aug '19	2 Aug '19	Calendar Day		100%	2 Aug '19	2 Aug '19	
17	Issue CE No. 21 - Temporary Diversion of Uncharted Underground Utilities near Wan O Road at CI, A16x100 (PI B)	0 days	8 Aug '19	8 Aug '19	Calendar Day		100%	8 Aug '19	8 Aug '19	
18	Issue CE No. 26 - Change in Cathodic Protection System for Mild Steel Pipes	0 days	16 Aug '19	16 Aug '19	Calendar Day	54	100%	16 Aug '19	16 Aug '19	
19	Issue CE No. 35 - Feasibility Study on the Alternative Alignment by Trenchless Method in the Wan Po Road / PO Lohas Park Road	0 days	31 Dec '19	31 Dec '19	Calendar Day		100%	31 Dec '19	31 Dec '19	
20	Issue CE No. 55 - Design of the Water Mains Structure and Associated Pipe Support across the Natural Stream Course for Alternative Alignment in Tsui Lam	0 days	5 May '20	5 May '20	Calendar Day		100%	5 May '20	5 May '20	
21	Issue CE No. 56 - Excavation of Inspection Pits for the Alternative Alignment (Batch No. 2)	0 days	22 May '20	22 May '20	Calendar Day		100%	22 May '20	22 May '20	
22	Issue CE No. 64 - Tree Survey at Tsui Lam (Location A and Location B)	0 days	9 Jun '20	9 Jun '20	Calendar Day		100%	9 Jun '20	9 Jun '20	
23	Issue CE No. 62 - Design of Pipe Support in Tsui Lam (Location B)	0 days	16 Jun '20	16 Jun '20	Calendar Day		100%	16 Jun '20	16 Jun '20	
24	Issue CE No. 56 - Excavation of Inspection Pits for the Alternative Alignment (Batch No. 3)	0 days	21 Aug '20	21 Aug '20	Calendar Day		100%	21 Aug '20	21 Aug '20	
25	Finalize	3355 days	7 Nov '17	18 Apr '25	Calendar Day		100%	7 Nov '17	NA	
26	Submission and Permit Application	322 days	7 Nov '17	24 Sep '18	Calendar Day		100%	7 Nov '17	24 Sep '18	
27	Subcontracting	1122 days	16 Nov '17	11 Dec '20	Calendar Day		59%	16 Nov '17	NA	
28	Submittal and approval	187 days	16 Nov '17	17 Feb '18	Calendar Day		100%	16 Nov '17	17 Feb '18	
29	Submittal Selection and Subcontracting	1337 days	15 Mar '19	15 Dec '20	Calendar Day		82%	23 Feb '19	NA	



**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



Project Mainlaying in Tseung Kwan O

Sl. No.	Sub Name	Duration	Start	End	Task Class	Predecessors	Successes %	Complete	Actual Start	Actual Finish	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
1	Key Dates	7231 days	7 Nov '17	22 Jun '24	Calendar Day		0%	7 Nov '17	NA											
2	Contract Date	0 days	7 Nov '17	7 Nov '17	Calendar Day		36,28,250%	100%	7 Nov '17	7 Nov '17										
3	Starting Date	0 days	16 Nov '17	16 Nov '17	Calendar Day			100%	16 Nov '17	16 Nov '17	16 Nov '17									
4	Access Date of Portion A, B, C, D, E, F and G	0 days	16 Nov '17	16 Nov '17	Calendar Day		55,32,406%	100%	16 Nov '17	16 Nov '17	16 Nov '17									
5	Access Date of Portion H	0 days	10 Aug '19	10 Aug '19	Calendar Day		58%	100%	10 Aug '19	10 Aug '19										
6	Completion Date (Contract)	0 days	18 May '21	18 May '21	Calendar Day		100%	100%	18 May '21	18 May '21										
7	Revised Completion Date (including GDT - CDD & CCD)	0 days	11 Feb '22	11 Feb '22	Calendar Day		100%	100%	11 Feb '22	11 Feb '22										
8	Planned Completion	0 days	23 Jun '21	23 Jun '21	Calendar Day	13	0%	0%	NA	NA										
9	Defect Date	0 days	22 Jun '24	22 Jun '24	Calendar Day		1,674,365 days	0%	NA	NA										
10	Mainlaying in Tseung Kwan O	2635 days	7 Nov '17	23 Jun '23	Calendar Day		159,935%	35%	7 Nov '17	23 Jun '23										
11	Issue CE No. 01 - Changes in Pressure Rating of Watermains, Valves and Fittings from PN10 to PN25	0 days	12 Jul '18	12 Jul '18	Calendar Day		37	100%	12 Jul '18	12 Jul '18										
12	Issue CE No. 04 - Feasibility Study of Realignment of Pipeline to Accommodate Pipeline and 1500mm Diameter Pipe	0 days	29 Aug '18	28 Aug '18	Calendar Day			100%	29 Aug '18	28 Aug '18										
13	Issue CE No. 05 - Feasibility Study of Realignment of Pipeline at Tseung Kwan O Stage 1 Landfill	0 days	23 Aug '18	23 Aug '18	Calendar Day			100%	23 Aug '18	23 Aug '18										
14	Issue CE No. 08 - Contractor Design of the Realignment	0 days	28 Feb '19	28 Feb '19	Calendar Day			100%	28 Feb '19	28 Feb '19										
15	Issue CE No. 20 - Traffic Count and Preliminary Traffic Analysis in Pot Lane Road and Tsui Lam Road	0 days	19 Jun '19	19 Jun '19	Calendar Day			100%	19 Jun '19	19 Jun '19										
16	Issue CE No. 27 - Underground Utilities Detection Survey for Working in CL101, A227 (S)	0 days	3 Aug '19	3 Aug '19	Calendar Day			100%	3 Aug '19	3 Aug '19										
17	Issue CE No. 21 - Temporary Closure of Uncharted Underground Utilities near West D Road at CH A10-00 (PH)	0 days	8 Aug '19	8 Aug '19	Calendar Day			100%	8 Aug '19	8 Aug '19										
18	Issue CE No. 26 - Change in Cathodic Protection System for MSJ Street Pipes	0 days	16 Aug '19	16 Aug '19	Calendar Day		14	100%	16 Aug '19	16 Aug '19										
19	Issue CE No. 35 - Feasibility Study on the Alternative Alignment by Travelling Method for the Road (J/O Lokai Park Road)	0 days	31 Dec '19	31 Dec '19	Calendar Day			100%	31 Dec '19	31 Dec '19										
20	Issue CE No. 36 - Design of the Water Inlets Structures and Associated Pipe Segment across the Natural Stream Course for Alternative Alignment in Tsui Lam	0 days	5 May '20	5 May '20	Calendar Day			100%	5 May '20	5 May '20										
21	Issue CE No. 38 - Execution of Inspection Pits for the Alternative Alignment (Batch No. 2)	0 days	22 May '20	22 May '20	Calendar Day			100%	22 May '20	22 May '20										
22	Issue CE No. 44 - Tree Survey at Tsui Lam (Location A and Location B)	0 days	9 Jun '20	9 Jun '20	Calendar Day			100%	9 Jun '20	9 Jun '20										
23	Issue CE No. 42 - Design of Pipe Support in Tsui Lam (Location B)	0 days	16 Jun '20	16 Jun '20	Calendar Day			100%	16 Jun '20	16 Jun '20										
24	Issue CE No. 46 - Execution of Inspection Pits for the Alternative Alignment (Batch No. 3)	0 days	21 Aug '20	21 Aug '20	Calendar Day			100%	21 Aug '20	21 Aug '20										
25	Priority Issues	1432 days	7 Nov '17	16 Nov '17	Calendar Day			100%	7 Nov '17	16 Nov '17										
26	Submissions and Permit Applications	372 days	7 Nov '17	26 Sep '18	Calendar Day			100%	7 Nov '17	26 Sep '18										
27	Submission of Safety Plan	35 days	7 Nov '17	11 Dec '17	Calendar Day			100%	7 Nov '17	11 Dec '17										
28	Submission of Site Management Plan and Trip Ticket	48 days	7 Nov '17	11 Dec '17	Calendar Day			100%	7 Nov '17	11 Dec '17										
29	Submission of Key People	14 days	4 Dec '17	17 Dec '17	Calendar Day			100%	4 Dec '17	17 Dec '17										
30	Submission of Subcontractor Management Plan	39 days	7 Nov '17	6 Dec '17	Calendar Day			100%	7 Nov '17	6 Dec '17										
31	Submission of First Programme	7 days	7 Nov '17	13 Nov '17	Calendar Day			100%	7 Nov '17	13 Nov '17										
32	Submission of Pipe Material (PN10)	54 days	1 Feb '18	27 Mar '18	Calendar Day		33	100%	1 Feb '18	27 Mar '18										
33	Approval of Pipe material submission (PN10)	137 days	28 Mar '18	13 Aug '18	Calendar Day		32	100%	28 Mar '18	13 Aug '18										
34	Appointment of Environmental Team	30 days	9 May '18	18 May '18	Calendar Day		35	100%	9 May '18	18 May '18										
35	Environment Baseline Monitoring	37 days	23 May '18	14 Jun '18	Calendar Day		34	100%	23 May '18	14 Jun '18										
36	Submission of Environmental Management Plan	48 days	7 Nov '17	21 Dec '17	Calendar Day			100%	7 Nov '17	21 Dec '17										
37	Submission & Approval of CDD Pipe Material PN25	75 days	13 Jul '18	26 Sep '18	Calendar Day		11	65	100%	13 Jul '18	26 Sep '18									
38	Schmooching	1122 days	16 Nov '17	11 Dec '20	Calendar Day			97%	16 Nov '17	11 Dec '20										
39	Submission and Approval	123 days	16 Nov '17	17 Feb '18	Calendar Day			100%	16 Nov '17	17 Feb '18										
40	Submission of sub-contractor selection procedure	24 days	18 Nov '17	9 Dec '17	Calendar Day		4	100%	18 Nov '17	9 Dec '17										
41	Approval of sub-contractor selection procedure	42 days	10 Dec '17	20 Jan '18	Calendar Day		80	56,51,53%	100%	10 Dec '17	20 Jan '18									
42	Submission of Sub-contractor Conditions	14 days	21 Jan '18	3 Feb '18	Calendar Day		5	100%	21 Jan '18	3 Feb '18										
43	Approval of Sub-contractor Conditions	42 days	4 Feb '18	17 Mar '18	Calendar Day		42	56,51,53%	100%	4 Feb '18	17 Mar '18									
44	Submission of Supplier Selection Procedure	75 days	16 Nov '17	29 Feb '18	Calendar Day		4	100%	16 Nov '17	29 Feb '18										
45	Approval of Supplier Selection Procedure	42 days	30 Jan '18	10 Mar '18	Calendar Day		44	63	100%	30 Jan '18	10 Mar '18									
46	Appointment of Independent Checking Engineer	1412 days	10 May '17	10 May '21	Calendar Day			100%	10 May '17	10 May '21										
47	Traffic Consultant for Investigation Works	30 days	23 Nov '17	22 Dec '17	Calendar Day		4	100%	23 Nov '17	22 Dec '17										
48	Consultancy Landscape for Investigation Works	30 days	5 Jan '18	3 Feb '18	Calendar Day		4	28	100%	5 Jan '18	3 Feb '18									
49	Consultancy Traffic Consultant	36 days	21 Feb '18	16 Apr '18	Calendar Day			100%	21 Feb '18	16 Apr '18										
50	Environmental Team	9 days	14 Apr '18	24 Apr '18	Calendar Day		36	100%	14 Apr '18	24 Apr '18										
51	Temporary site offices, hoarding & project sign board	75 days	22 Mar '18	4 Jun '18	Calendar Day		4341	58,54,23%	100%	22 Mar '18	4 Jun '18									
52	Consultancy Independent Checking Engineer	12 days	14 May '18	25 May '18	Calendar Day		4355-18 days	100%	14 May '18	25 May '18										
53	Survey Services	22 days	20 Sep '18	18 Oct '18	Calendar Day			100%	20 Sep '18	18 Oct '18										

Working Programme No. 15  
Date Issue: 07 Nov 2020

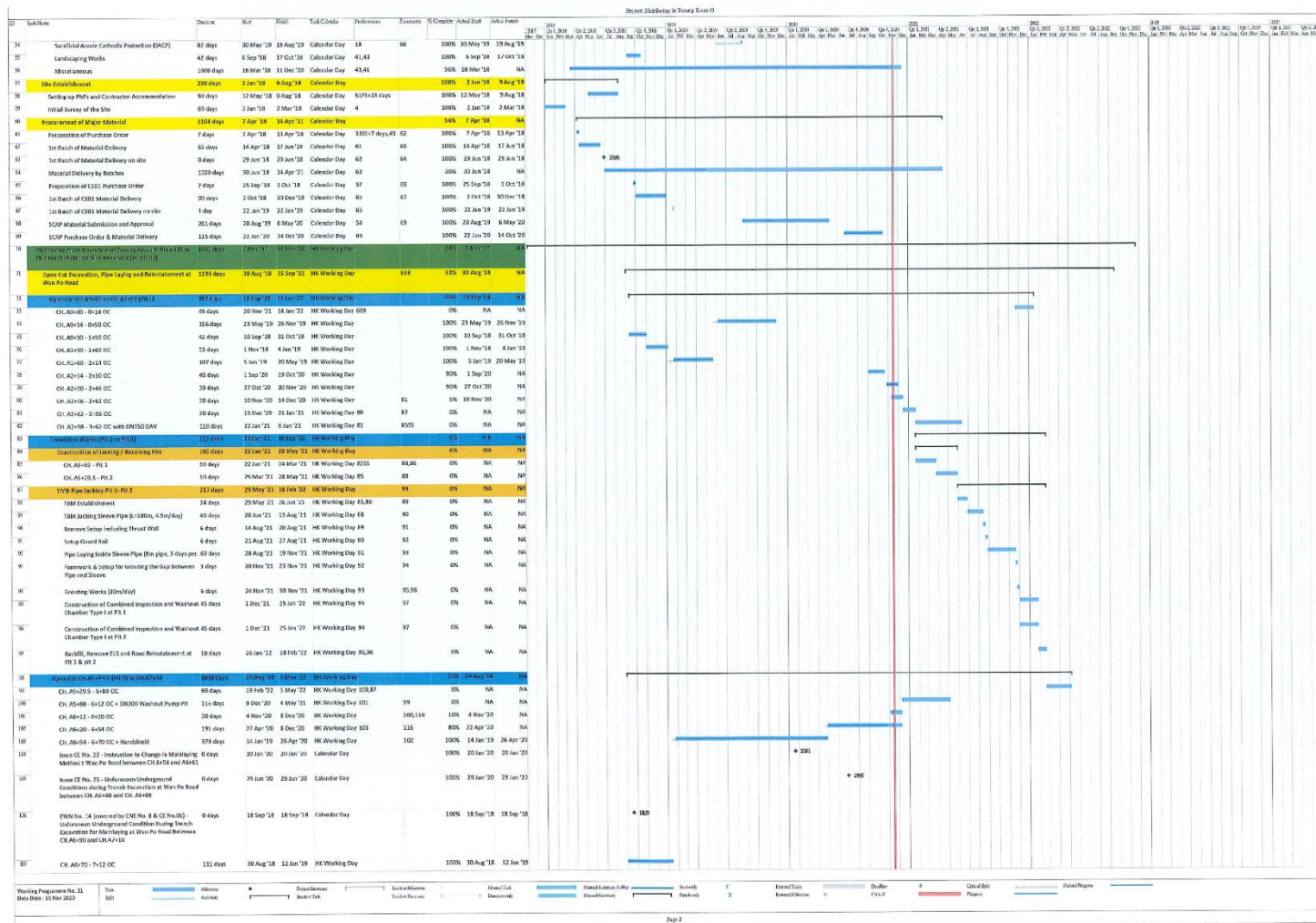
Page 5



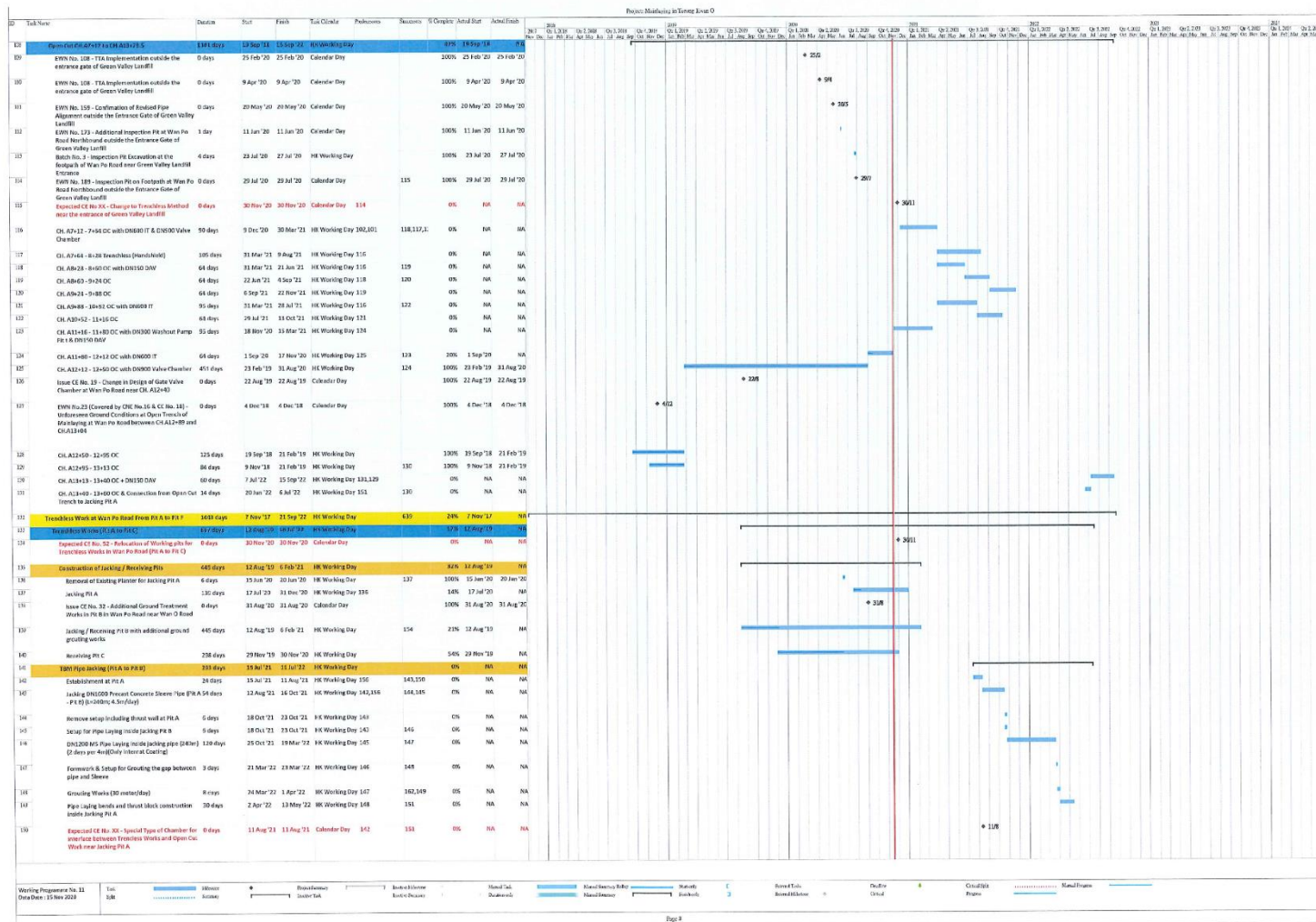
# Contract No. 13/WSD/16

## Mainlaying in Tseung Kwan O

### 12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021



**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



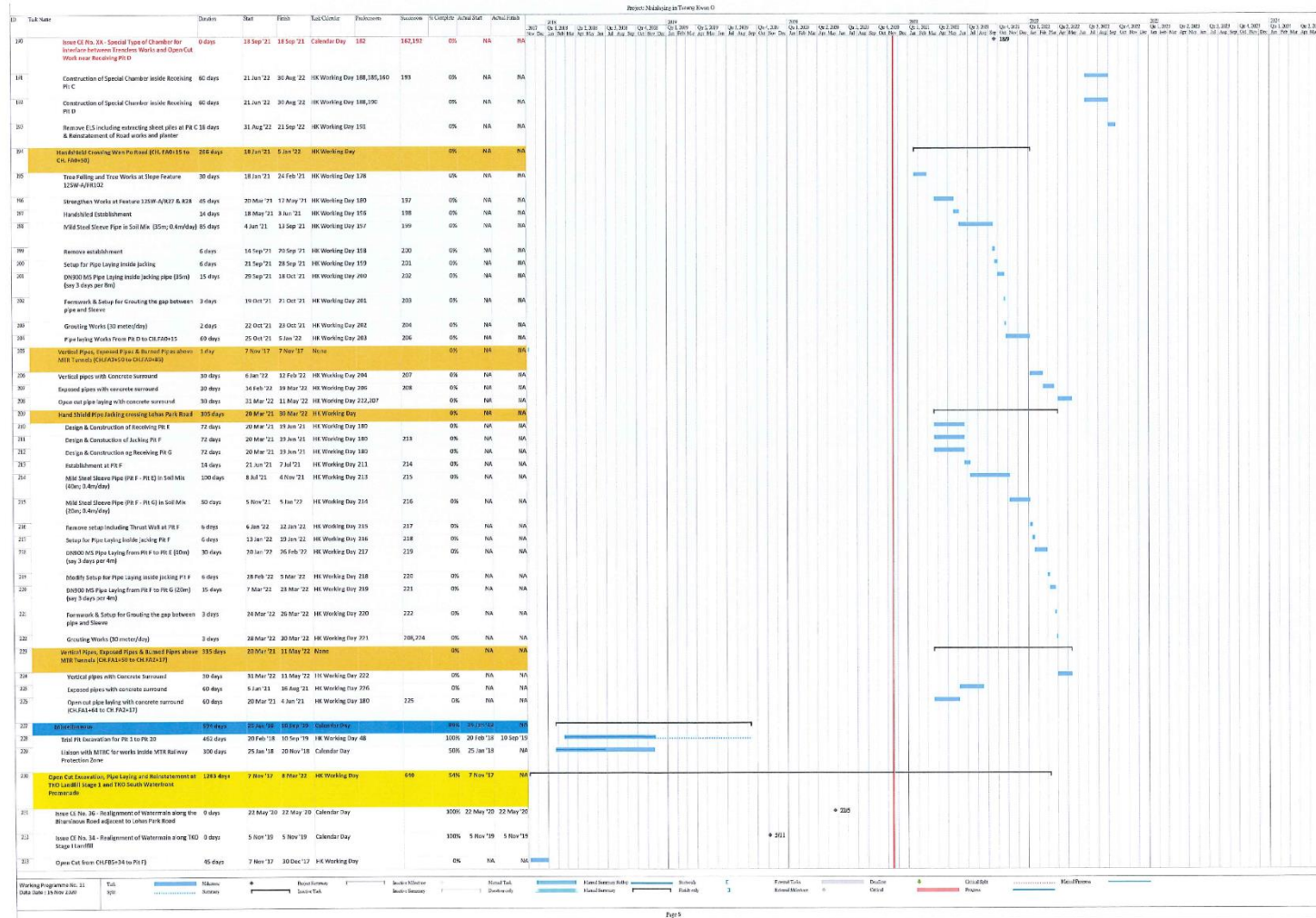




# Contract No. 13/WSD/16

## Mainlaying in Tseung Kwan O

### 12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021

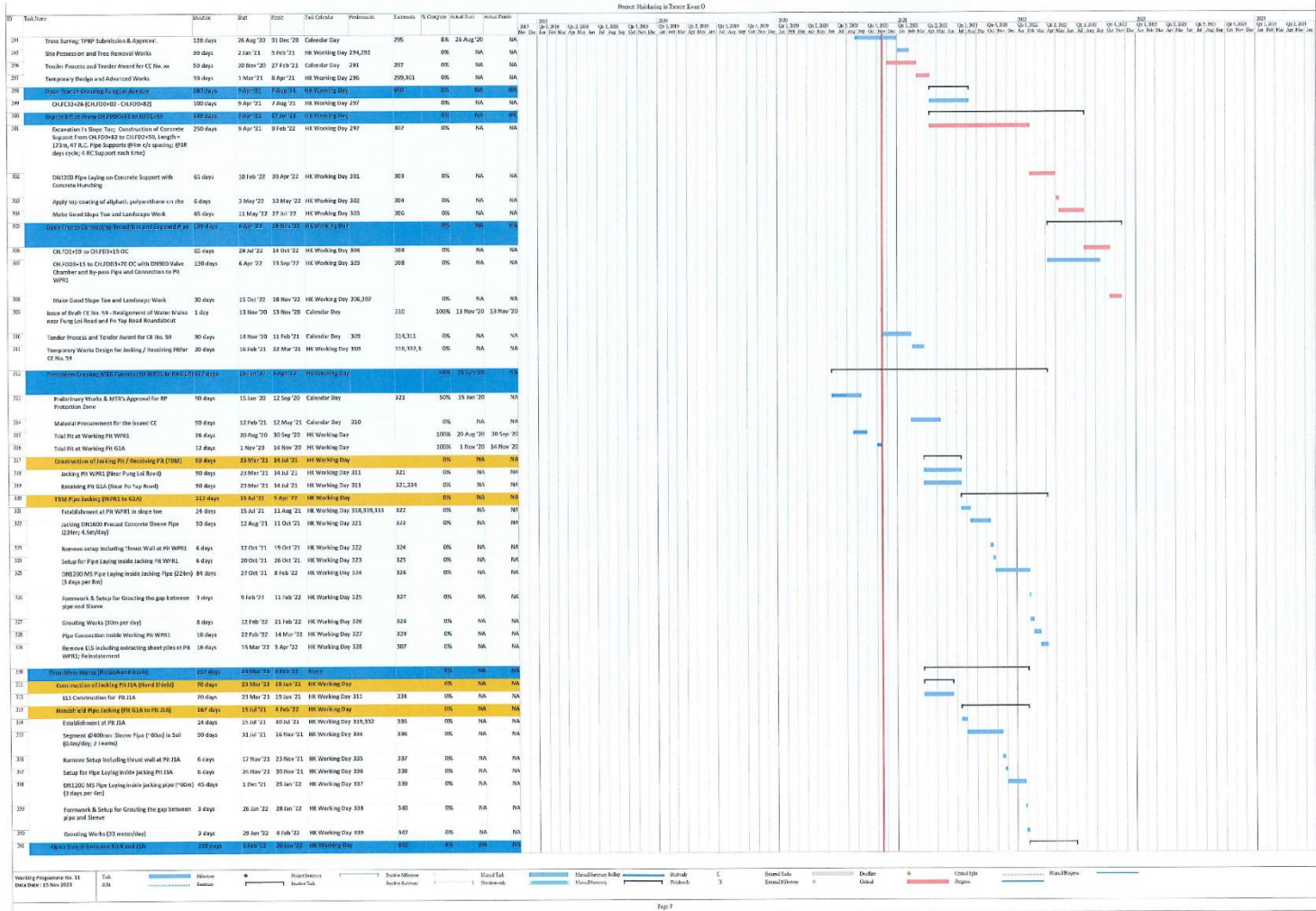


**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**

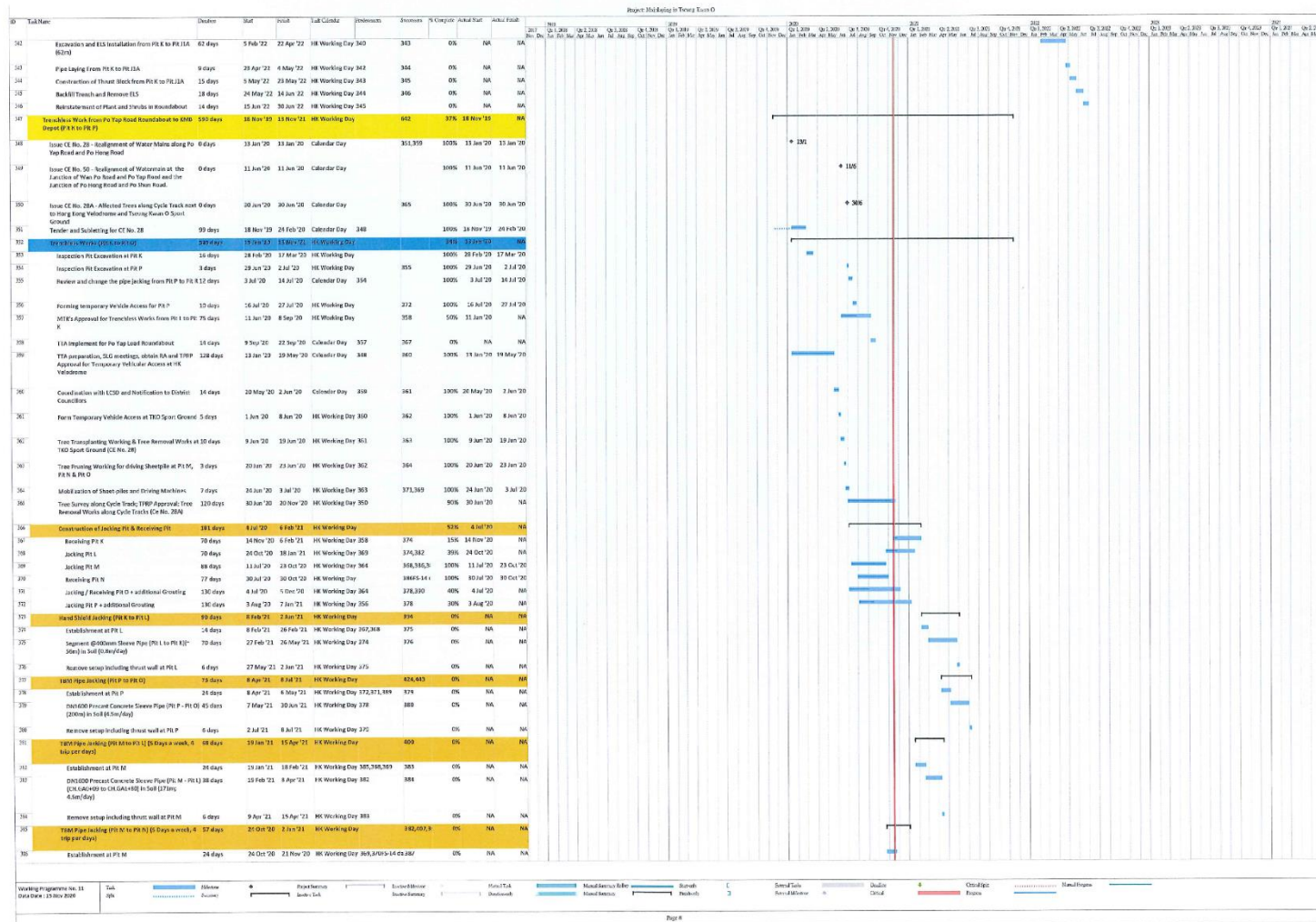




Contract No. 13/WSD/16  
 Mainlaying in Tseung Kwan O  
 12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021



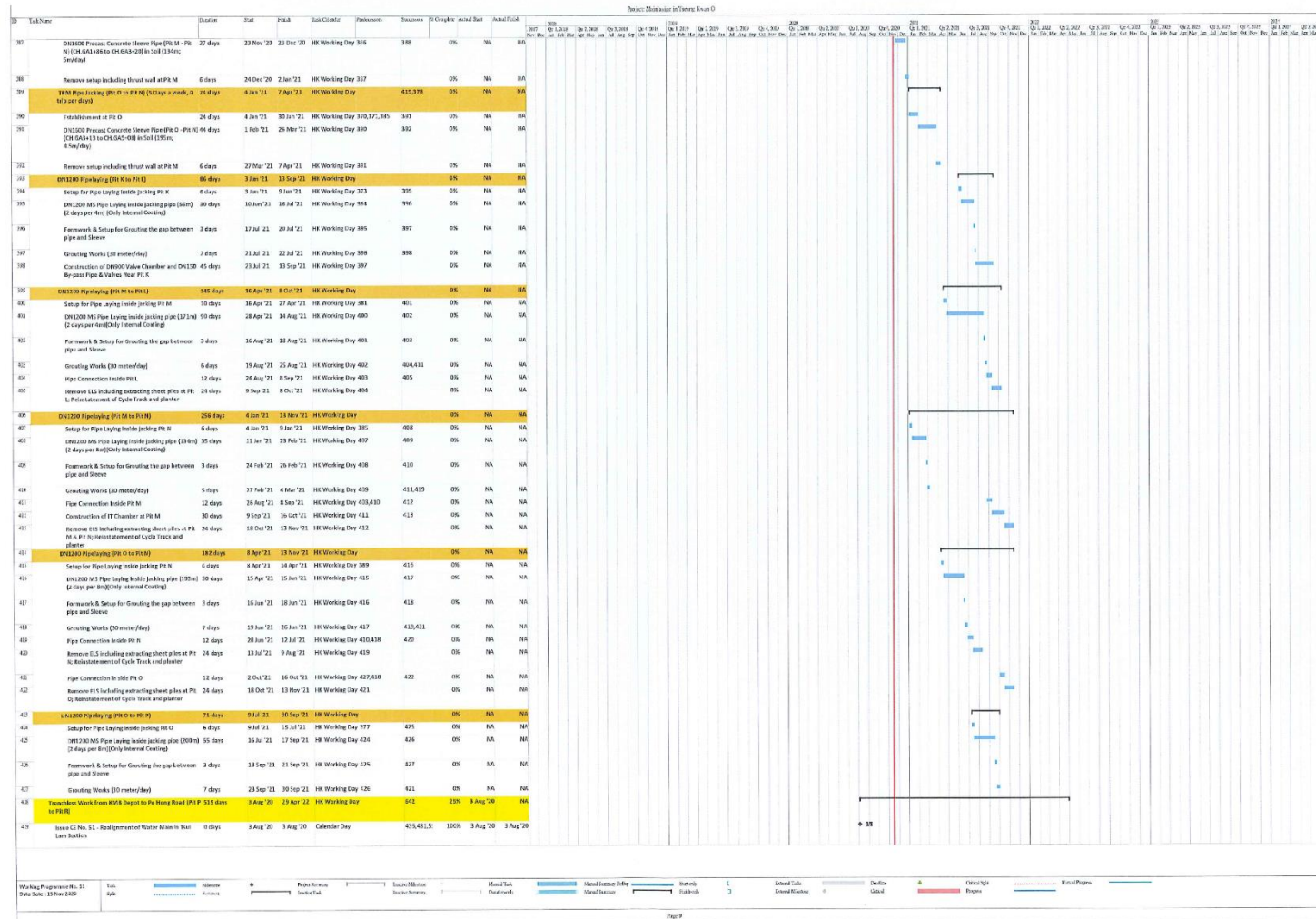
**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



# Contract No. 13/WSD/16

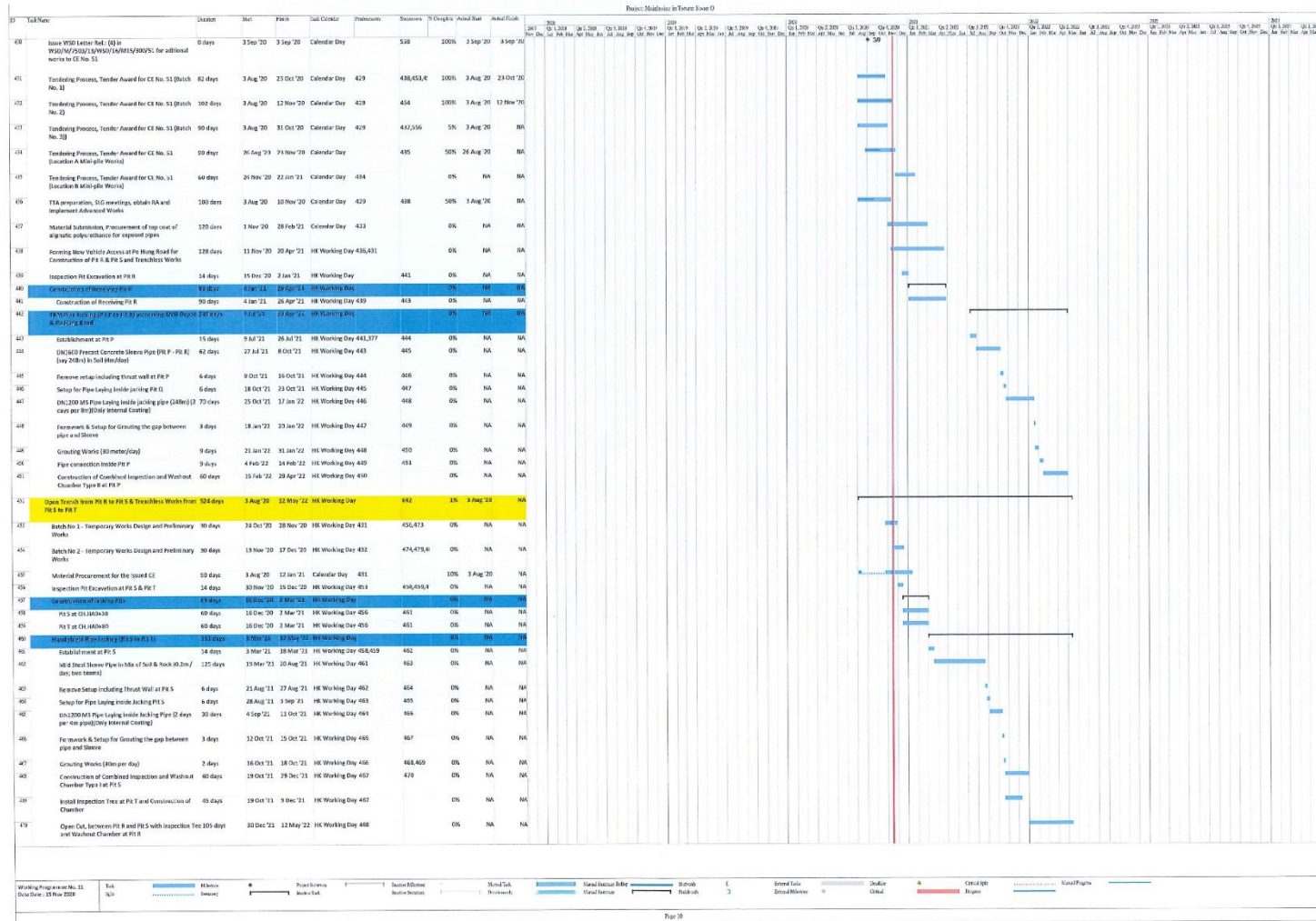
## Mainlaying in Tseung Kwan O

### 12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021





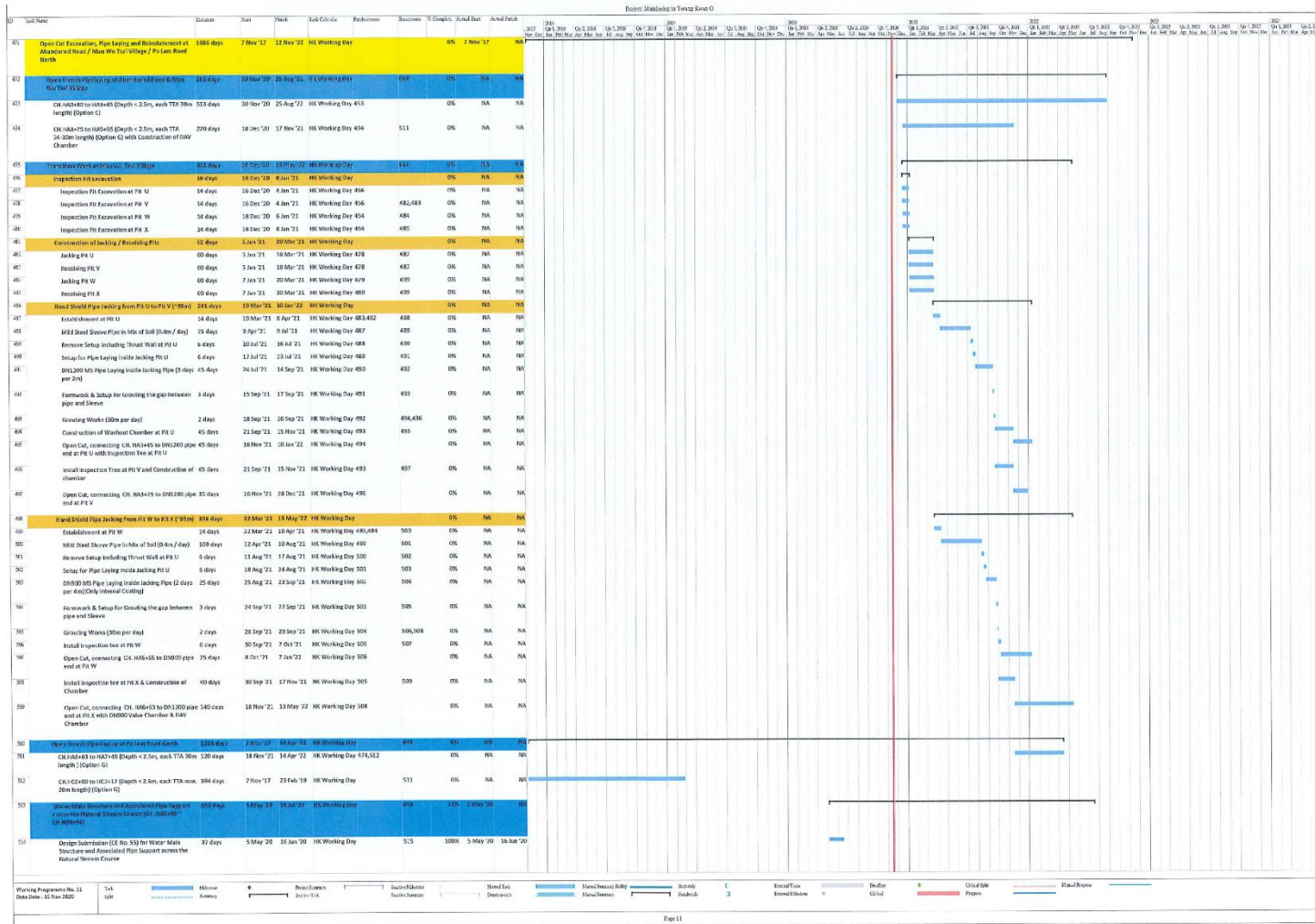
**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



# Contract No. 13/WSD/16

## Mainlaying in Tseung Kwan O

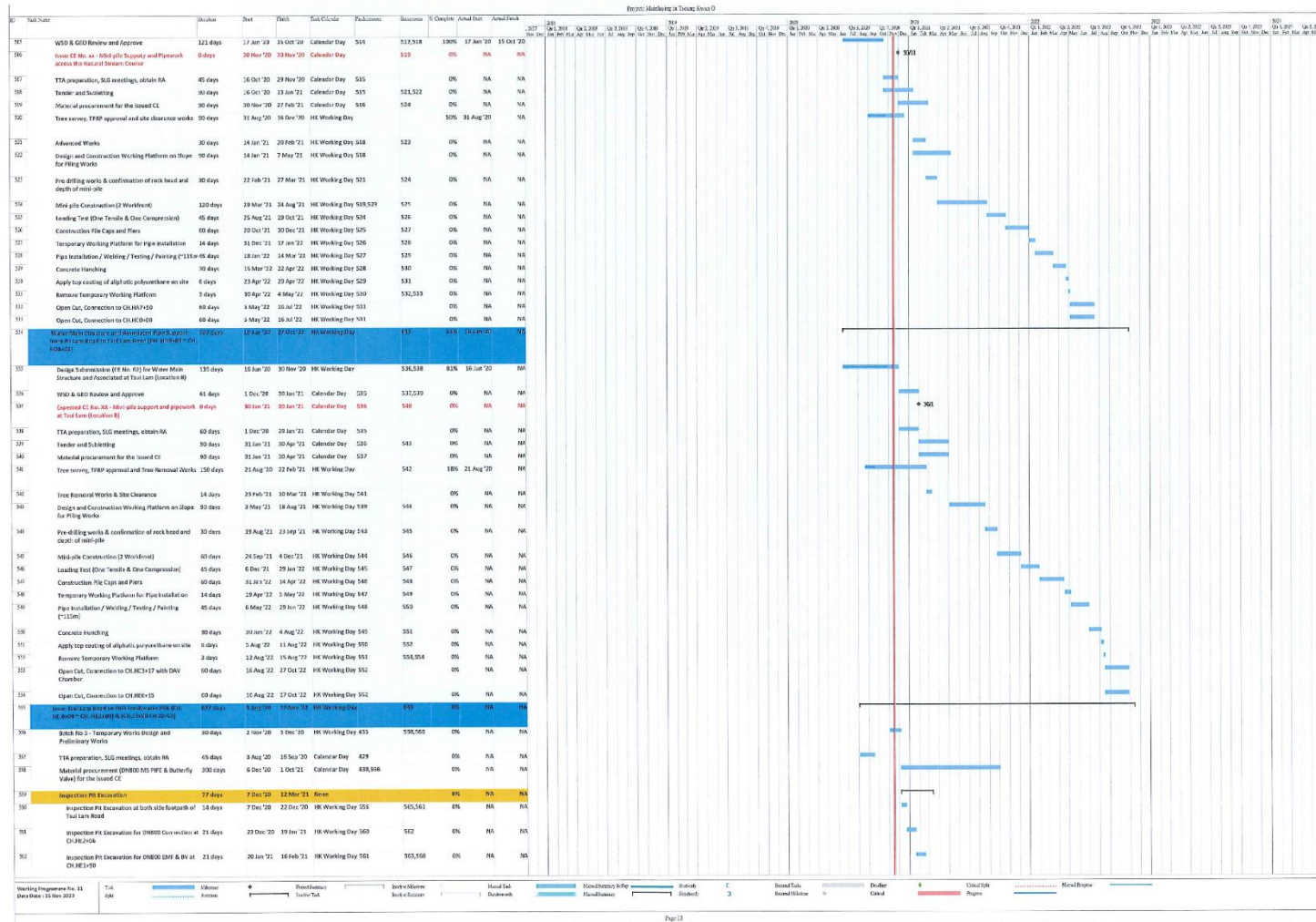
### 12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021



# Contract No. 13/WSD/16

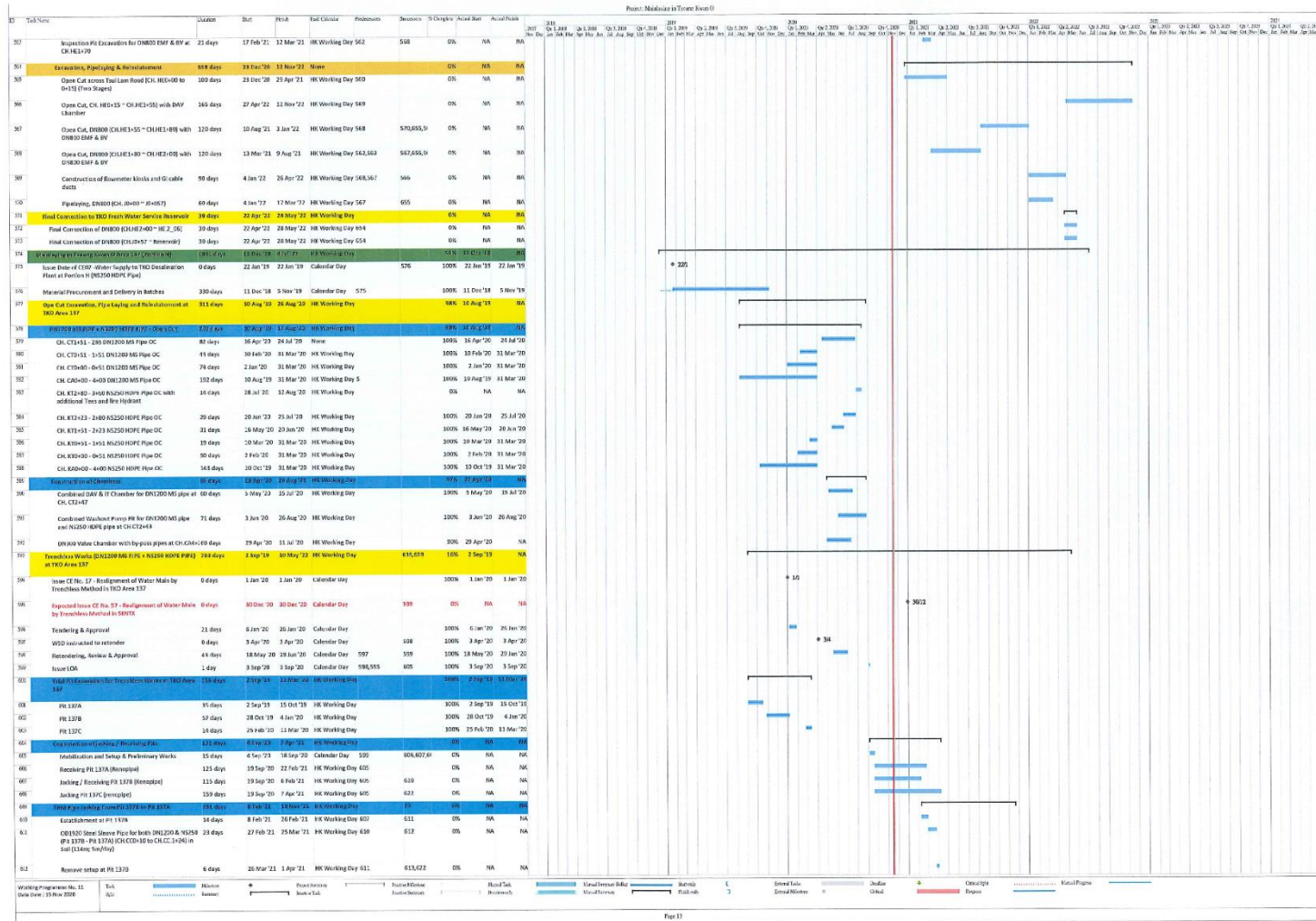
## Mainlaying in Tseung Kwan O

### 12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021

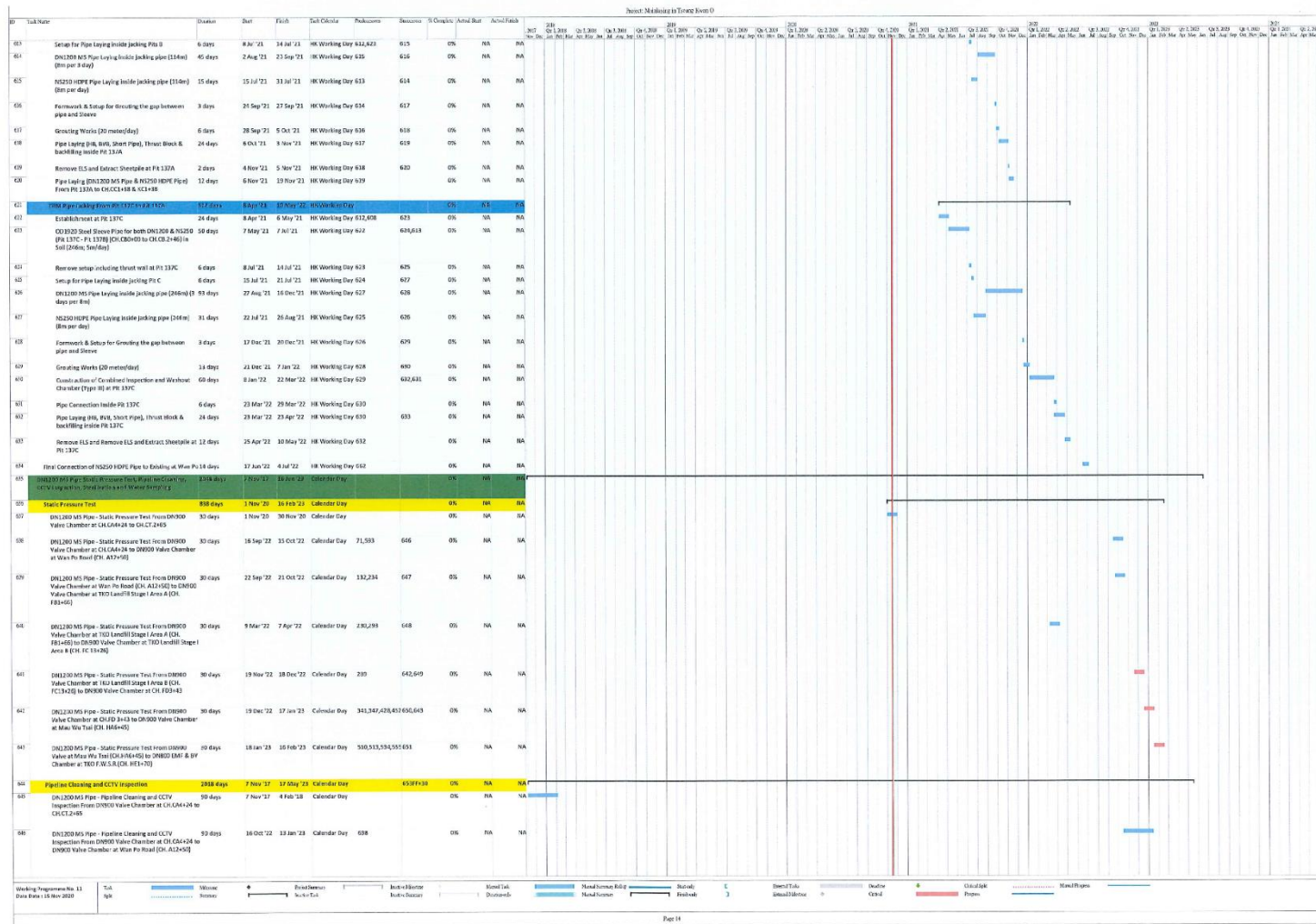




**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



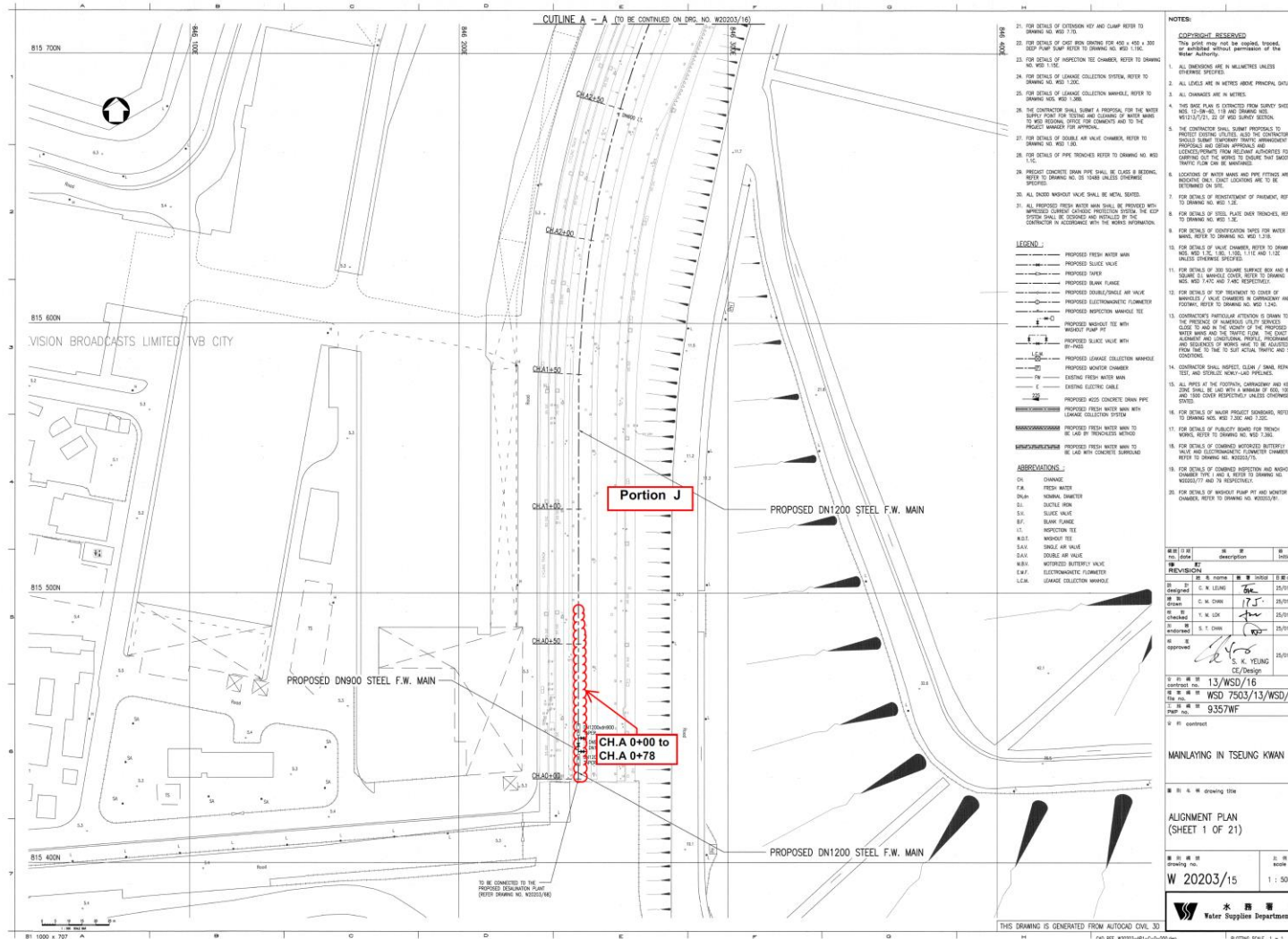




## Appendix D

### Layout of Major Construction Works Undertaken during the Reporting Quarter

**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



**Figure D1. Location Plan for Portion J - CH.A 0+00 to CH.A 0+78**

Contract No. 13/WSD/16  
 Mainlaying in Tseung Kwan O  
 12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021

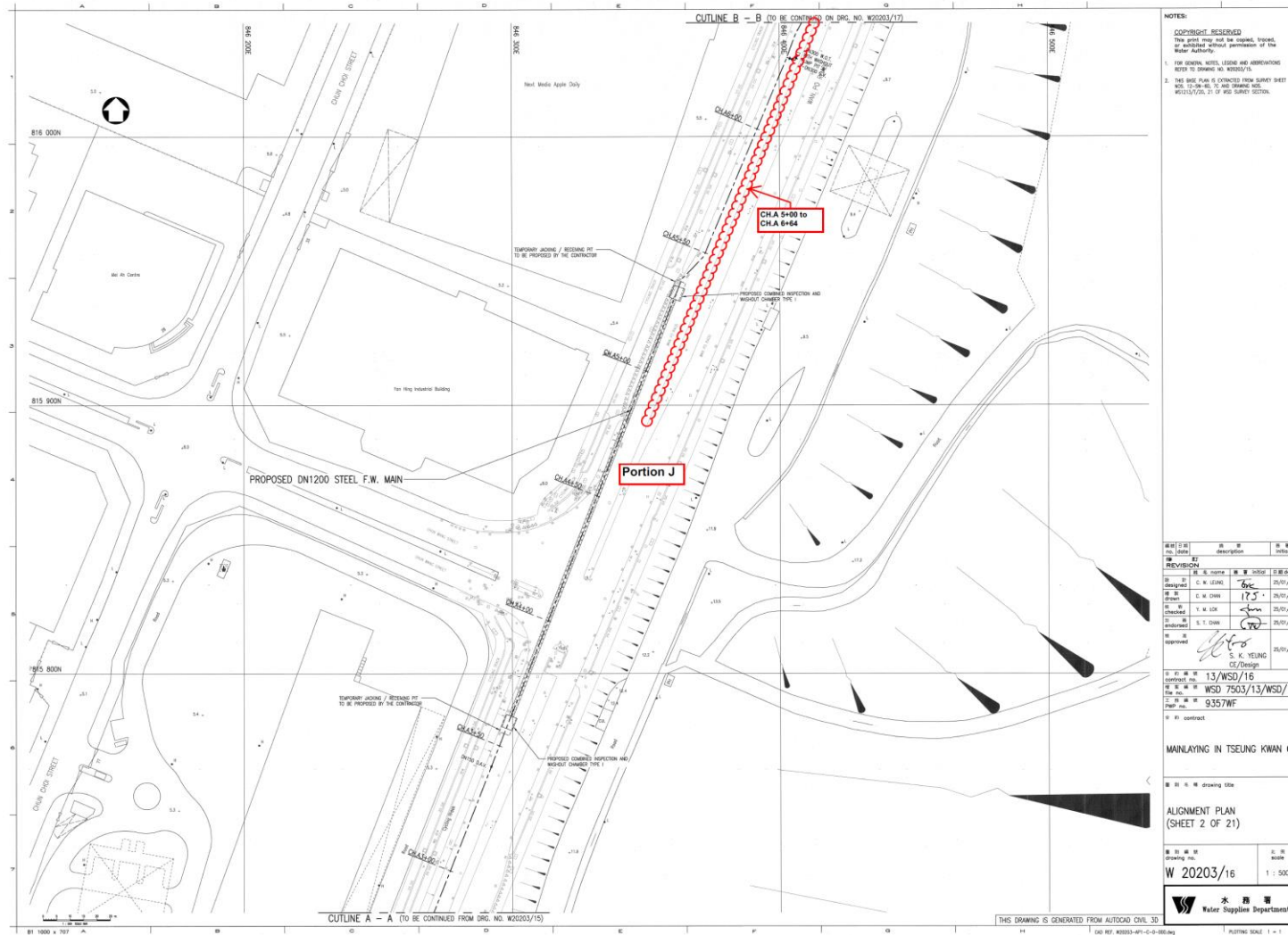


Figure D2a. Location Plan for Portion J - CH.A 5+00 to CH.A 6+70

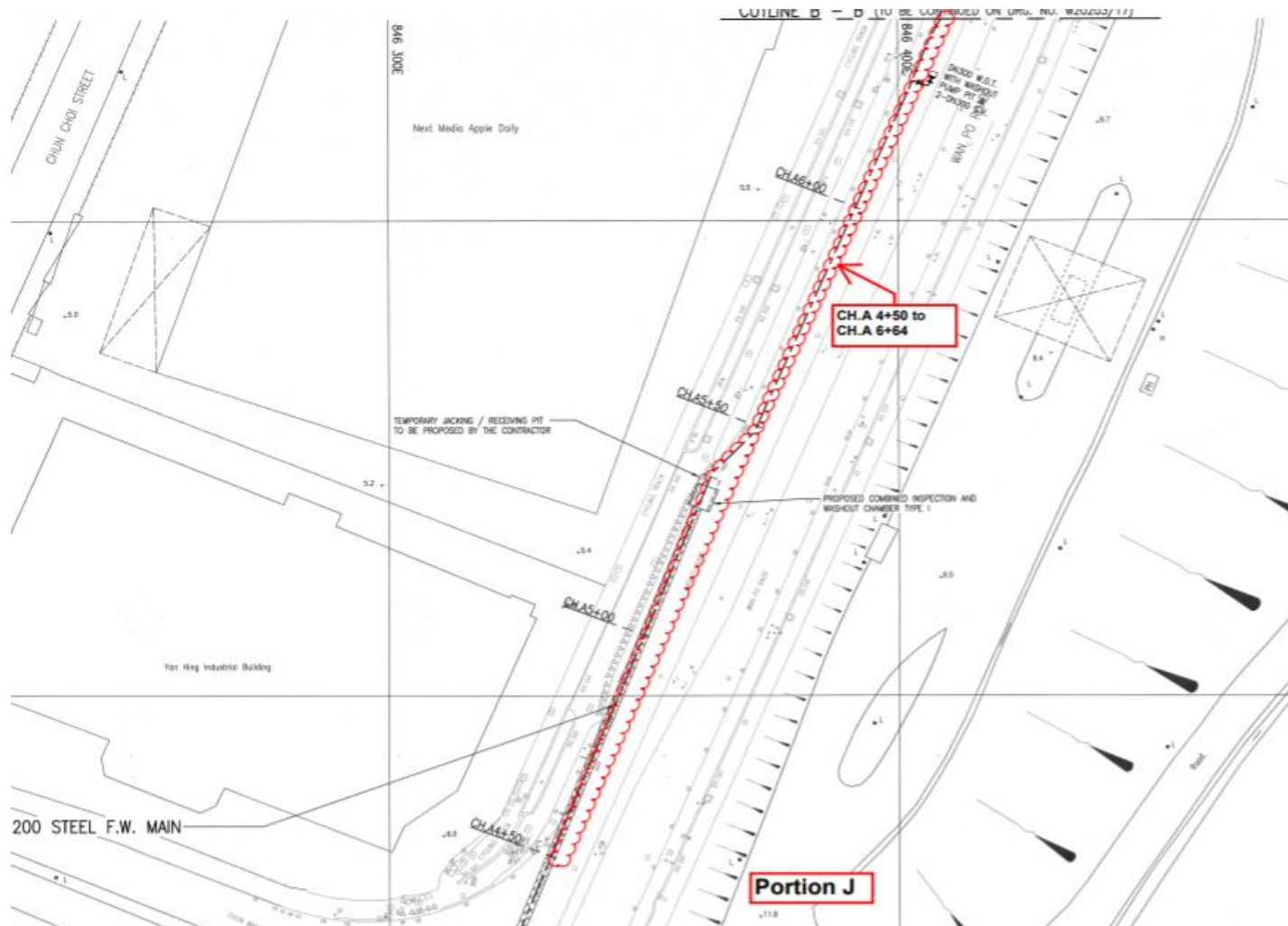
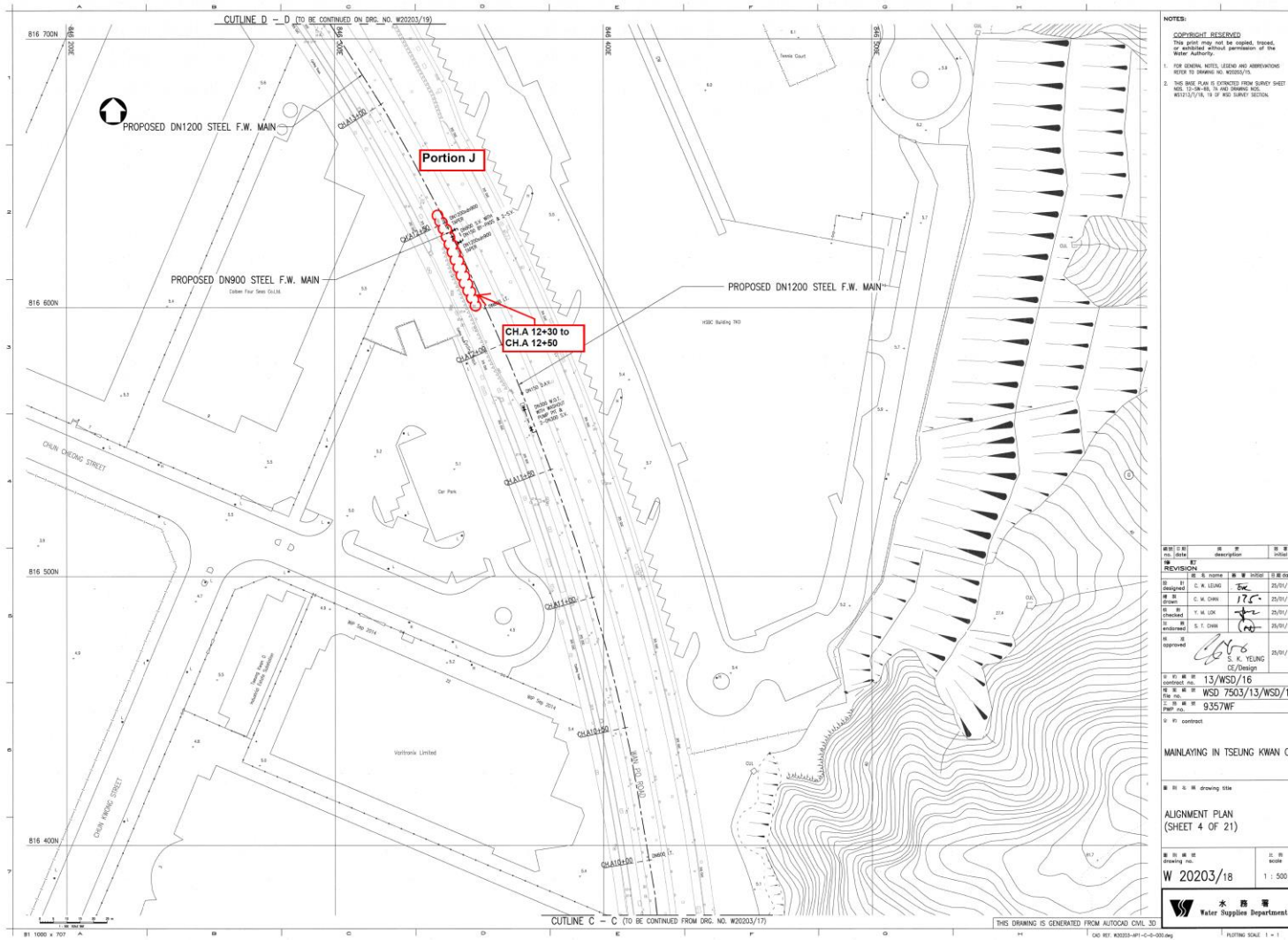


Figure D2b. Location Plan for Portion J - CH.A 4+50 to CH.A 6+64



**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



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REV. NO.	DATE	DESCRIPTION	INITIAL
1	25/01/17	ISSUED FOR TENDER	Y.C.
2	25/01/17	FOR DESIGN	Y.C.
3	25/01/17	CHECKED	T.M. LOK
4	25/01/17	APPROVED	S.T. CHAN
5	25/01/17	FOR DESIGN	S.K. YELING

CONTRACT NO. 13/WSD/16  
 DRAWING NO. WSD 7503/13/WSD/16  
 SHEET NO. 9.357WF

**MANLAYING IN TSEUNG KWAN O**

DRAWING TITLE  
**ALIGNMENT PLAN**  
 (SHEET 4 OF 21)

DRAWING NO. W 20203/18  
 SCALE 1:500

Water Supply Department

**Figure D3. Location Plan for Portion J - CH.A 12+30 to CH.A 12+50**

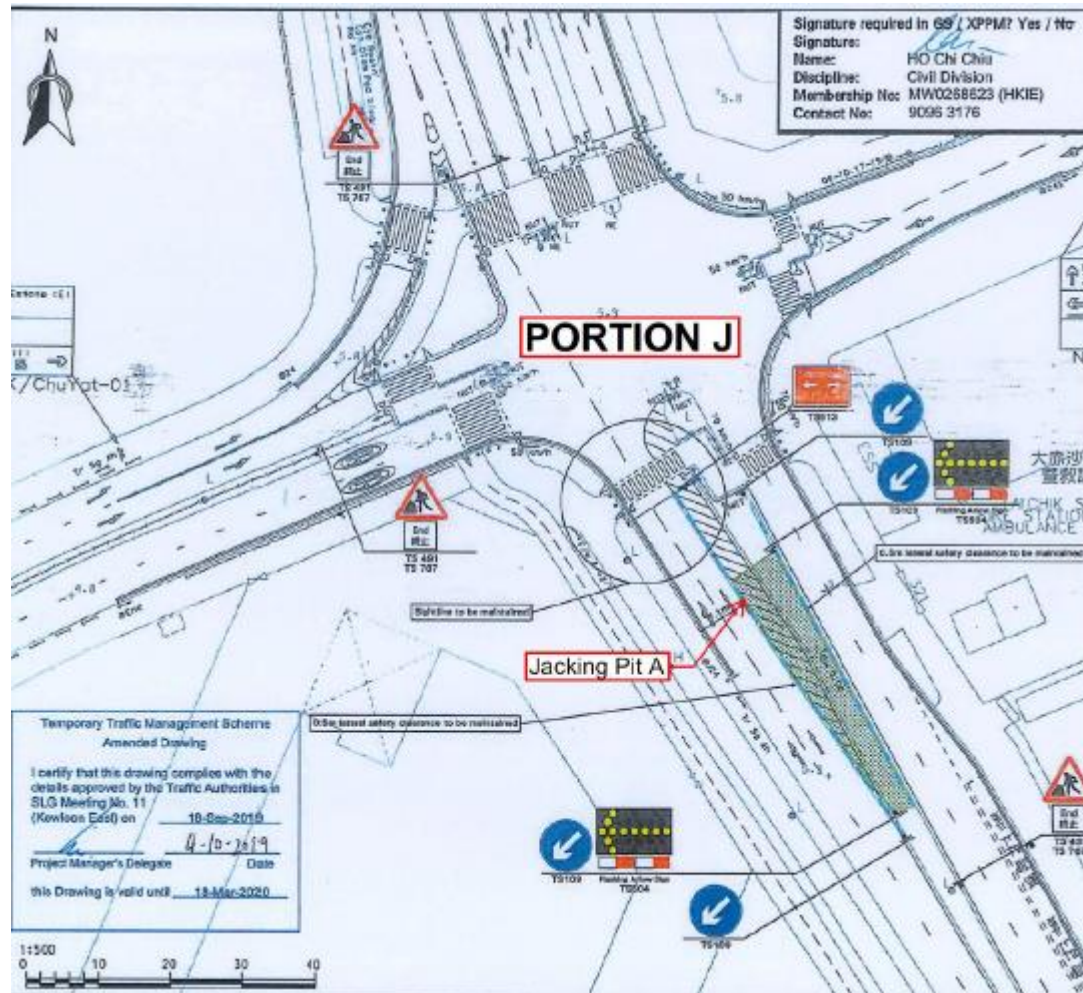


Figure D4. Location Plan for Portion J – CH. A13+50 to CH.A 14+00 (Pit A)



Contract No. 13/WSD/16  
 Mainlaying in Tseung Kwan O  
 12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021

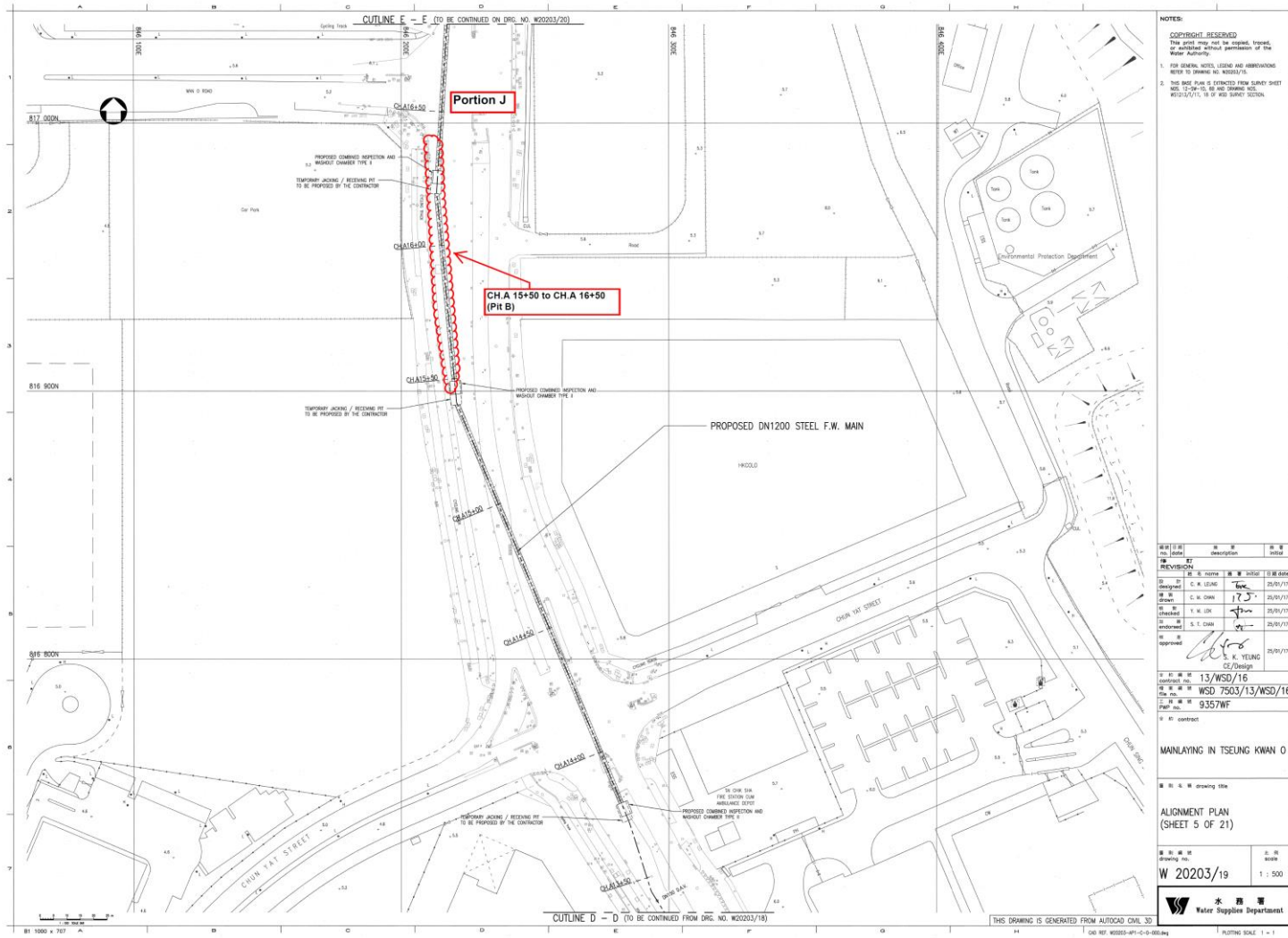
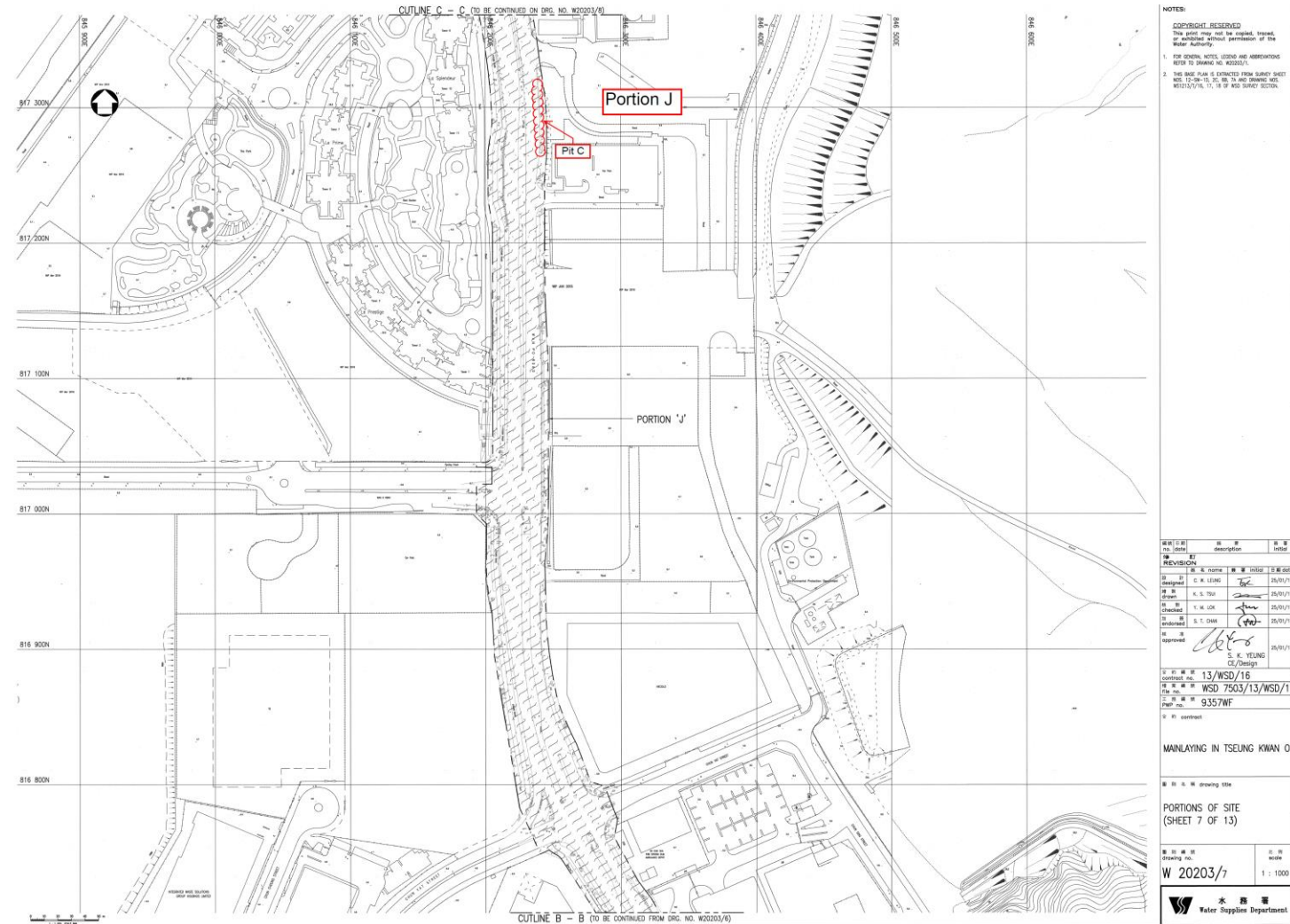


Figure D5. Location Plan for Portion J – CH. A15+50 to CH.A 16+50 (Pit B)



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- THE BOUNDARY IS DETERMINED FROM SURVEY SHEET NOS. 12/34-13, 22, 23, 24 AND DRAWING NOS. W20212/16, 17, 18 OF THE SURVEY SYSTEM.

NO.	DATE	DESCRIPTION	BY	CHKD.
<b>REVISIONS</b>				
1	25/01/17	DESIGN	S. K. YELUNG	CS
2	25/01/17	DRAWN	S. K. YELUNG	CS
3	25/01/17	CHECKED	S. T. CHAN	CS
4	25/01/17	APPROVED	S. K. YELUNG	CS

圖則編號: 13/WSD/16  
 圖則名稱: WSD 7503/13/WSD/16  
 圖則號碼: 9357WF  
 圖則內容: MANLAYING IN TSEUNG KWAN O  
 圖則比例: 1 : 1000  
 圖則日期: W 20203/7  
 圖則單位: 水務署 Water Supplies Department

Figure D6. Location Plan for Portion J – CH.A 19+15 to CH.A 19+50 (Pit C)

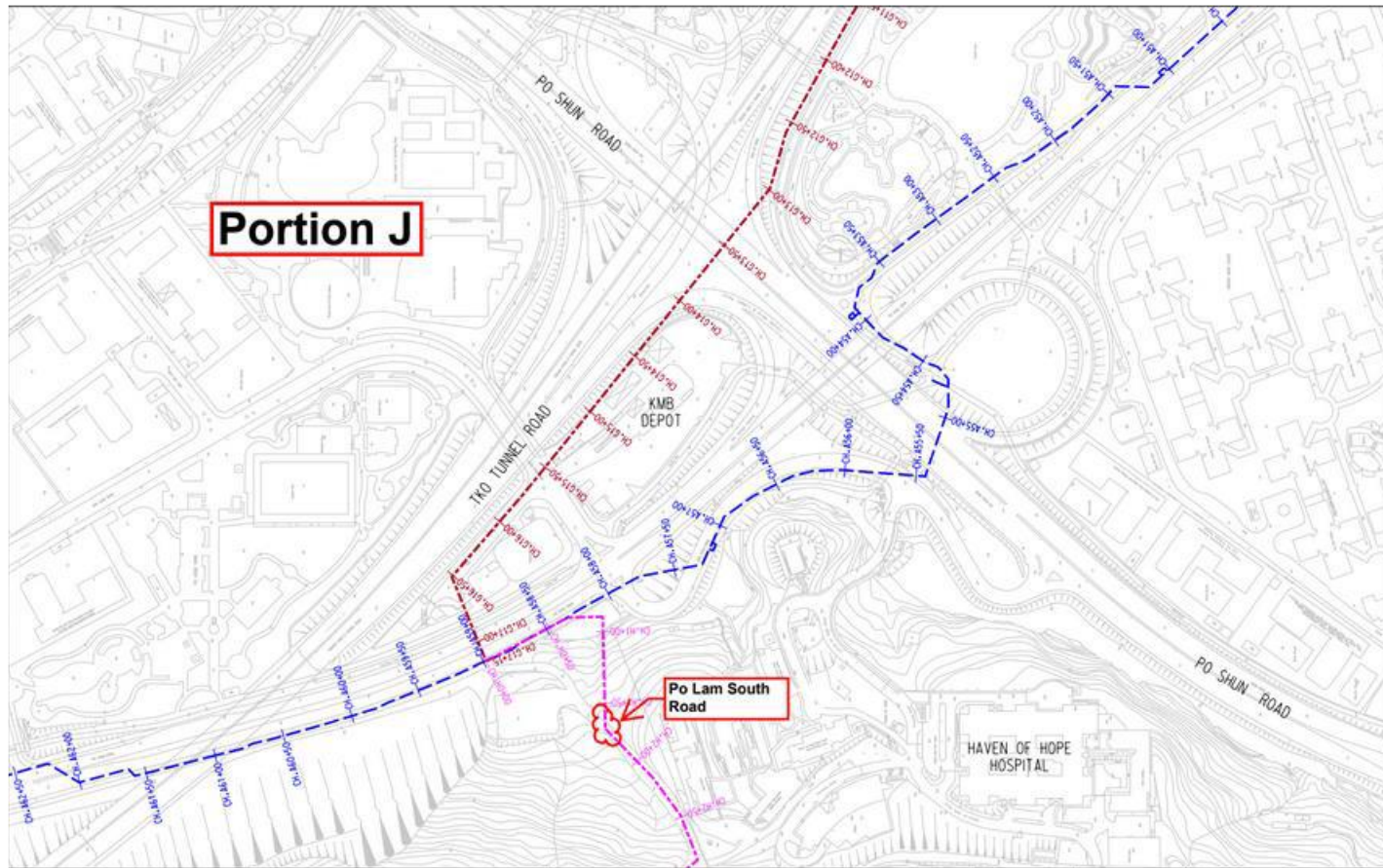


Figure D7a. Location Plan for Portion J - Mau Wu Tsai 1 (Po Lam South Road 1)



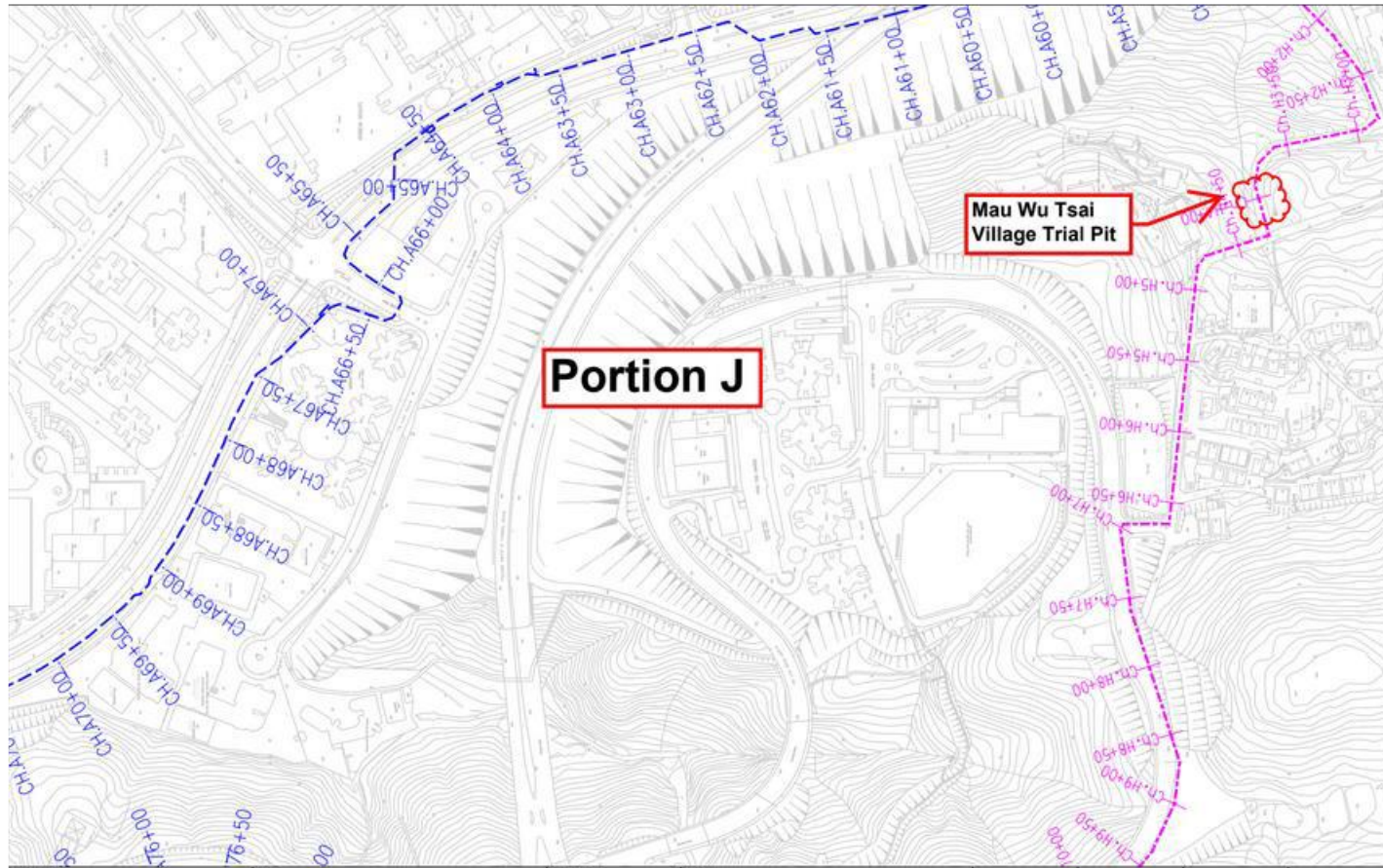


Figure D7b. Location Plan for Portion J - Mau Wu Tsai 2 (Po Lam South Road 2)

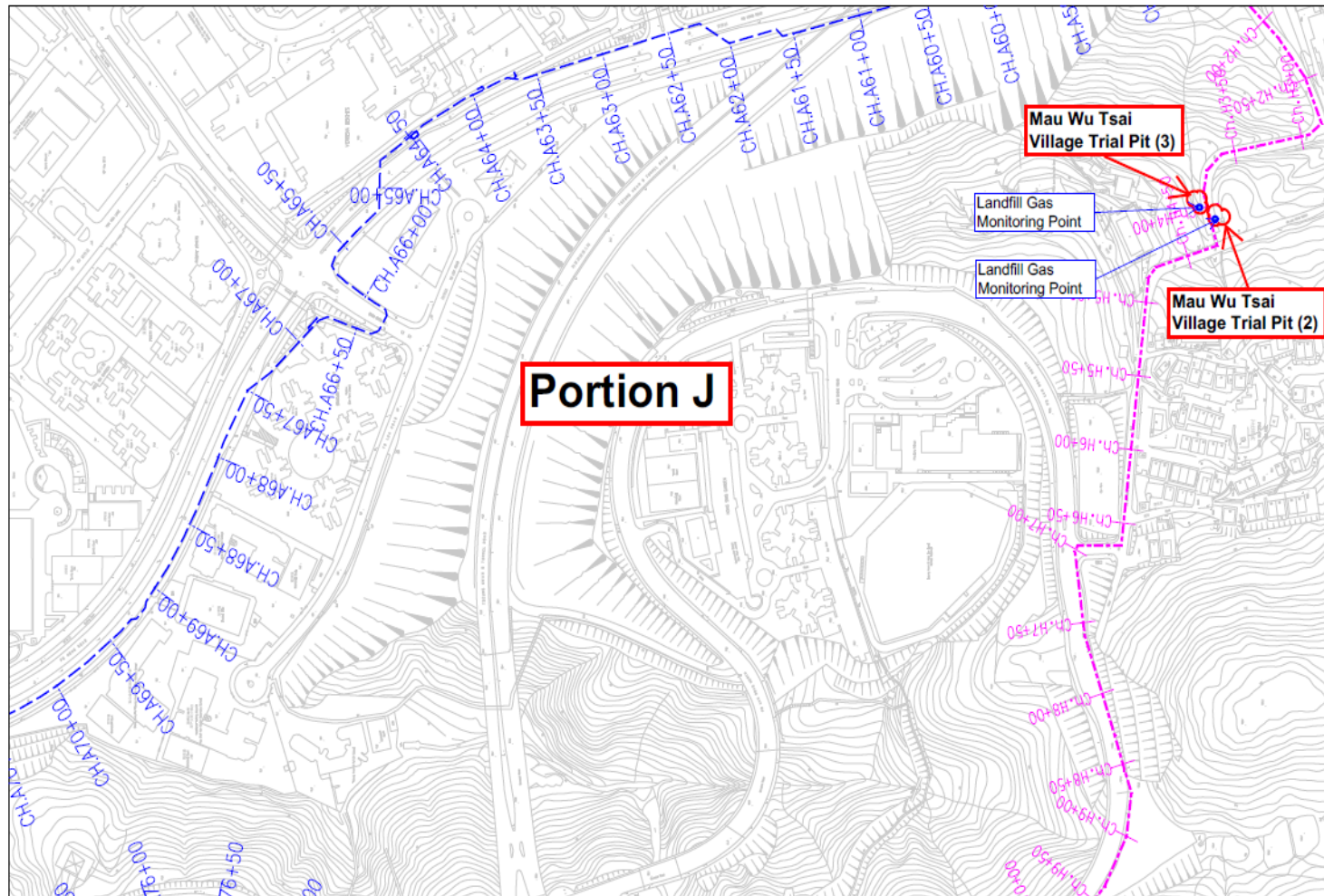


Figure D7c. Location Plan for Portion J - Mau Wu Tsai 3 (Po Lam South Road 3)



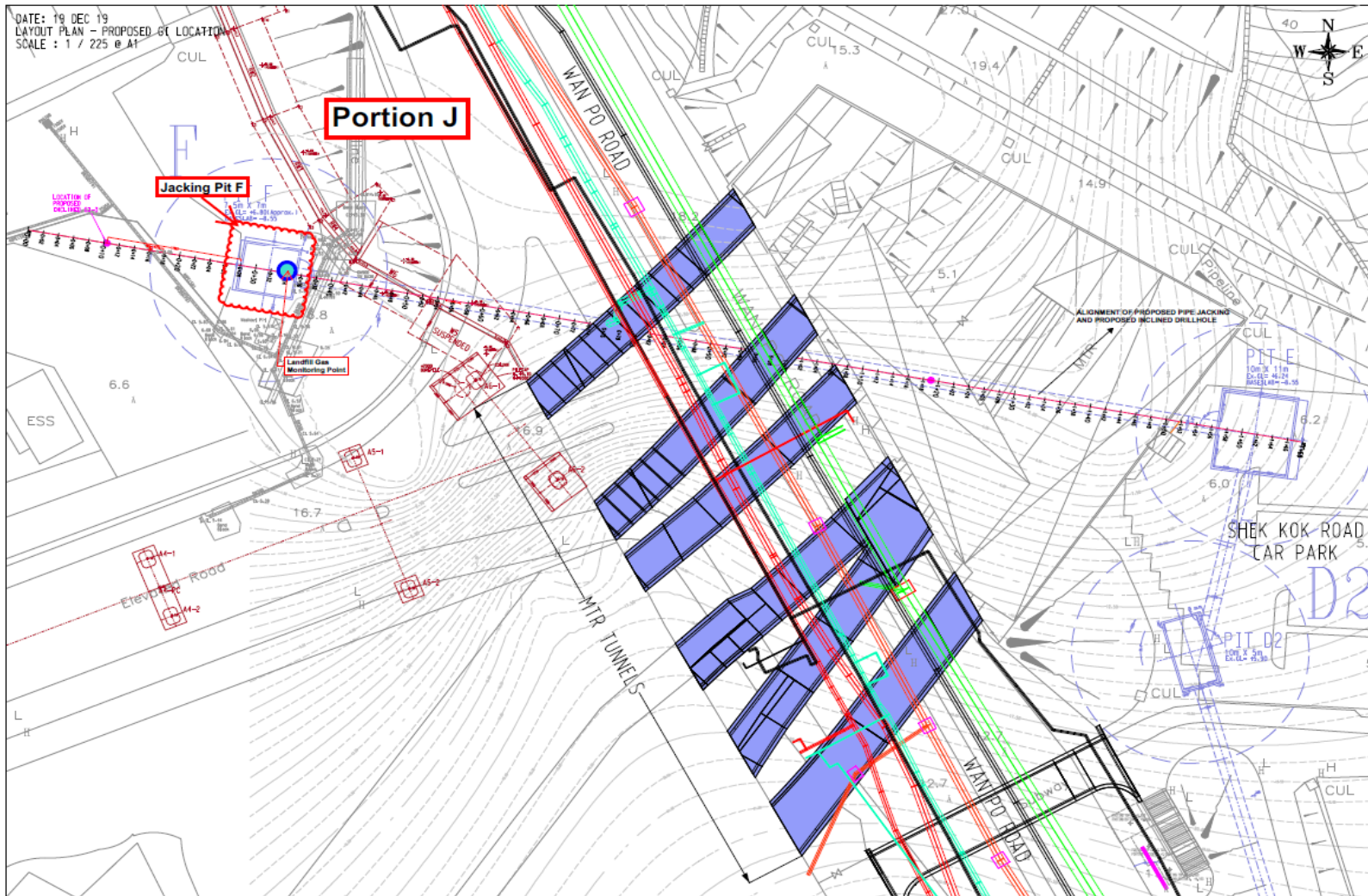


Figure D8. Location Plan for Portion J - Jacking pit F

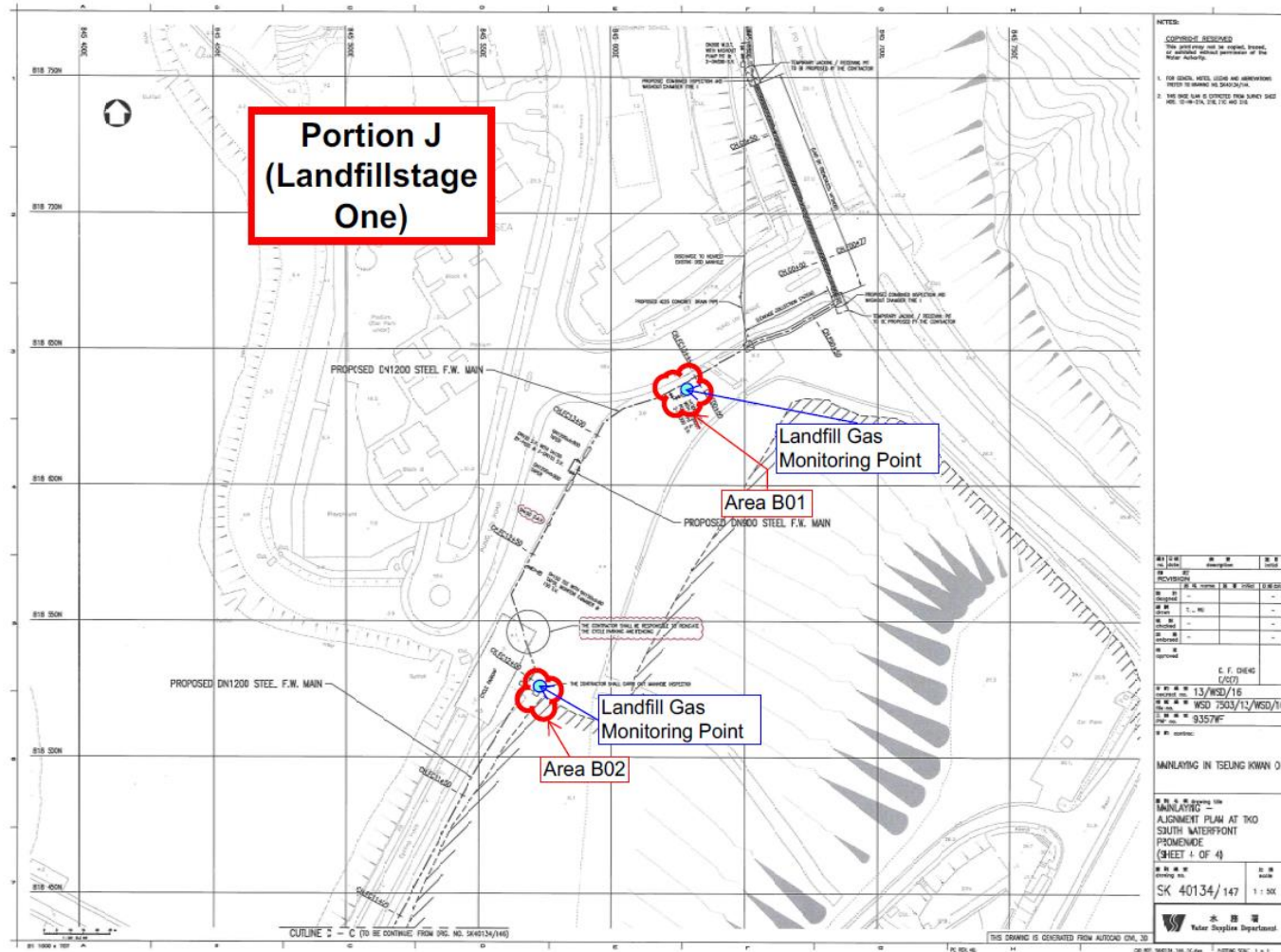


Figure D9a: Location Plan for Portion J – Landfill Stage 1 (Area B01-B02)



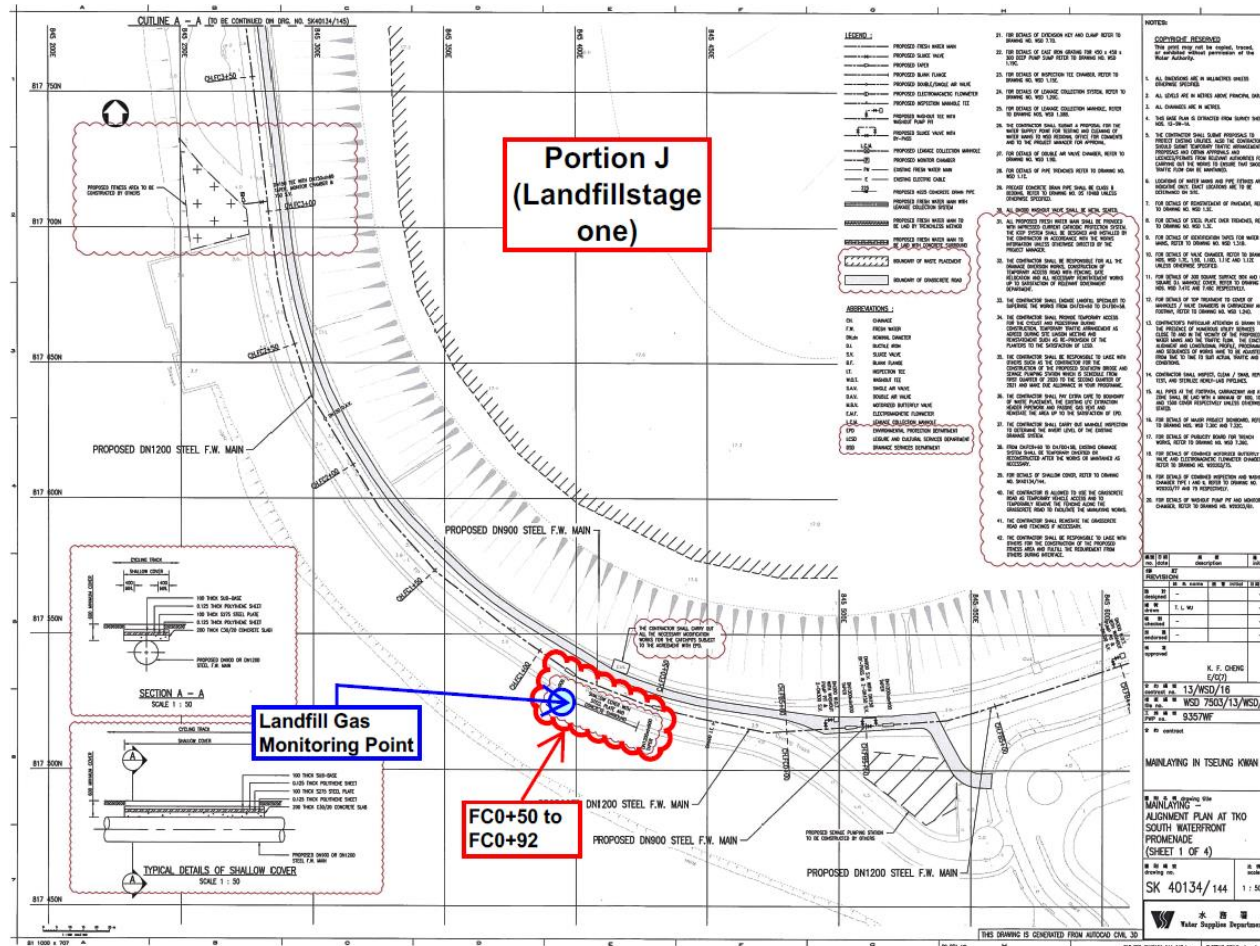


Figure D9b: Location Plan for Portion J – Landfill Stage 1 (FC0+50-FC0+92)

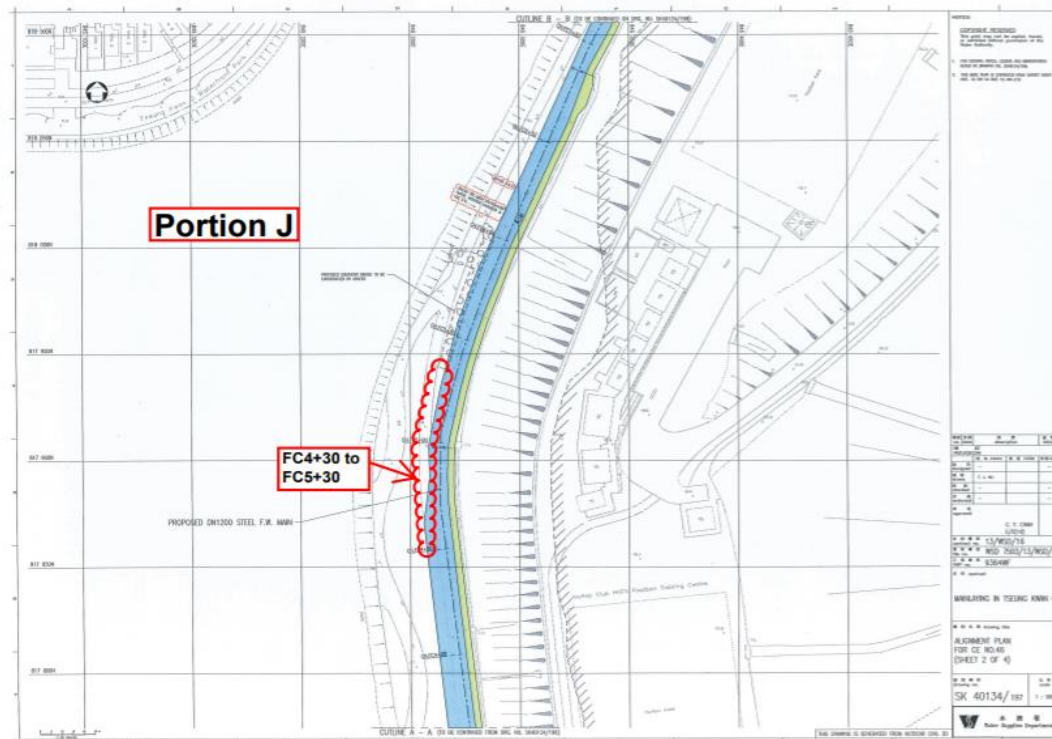


Figure D9c: Location Plan for Portion J – Landfill Stage 1 (FC4+30-FC5+30)

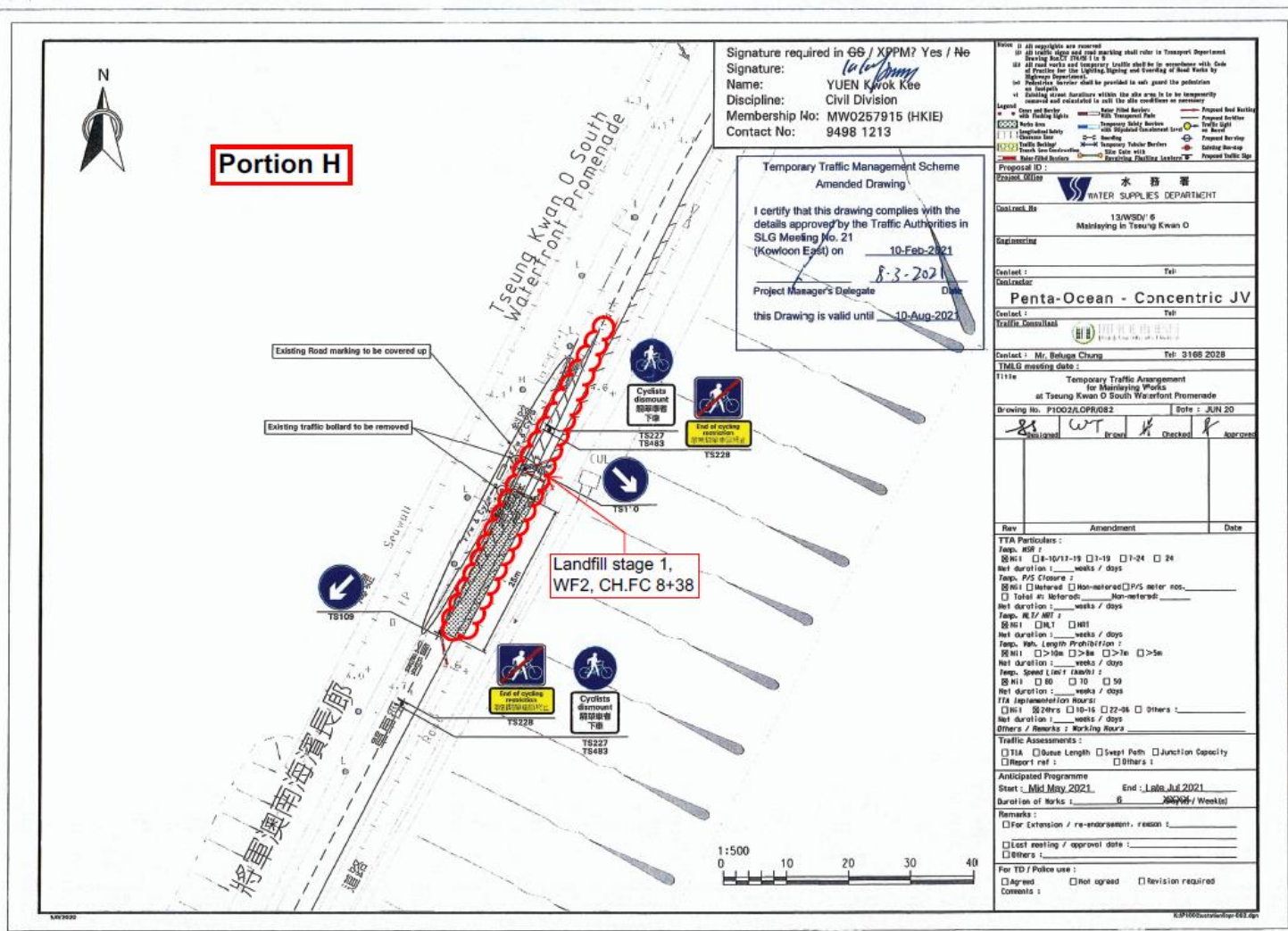


Figure D9d. Location Plan – Landfill Stage 1 (Area FC8+38)

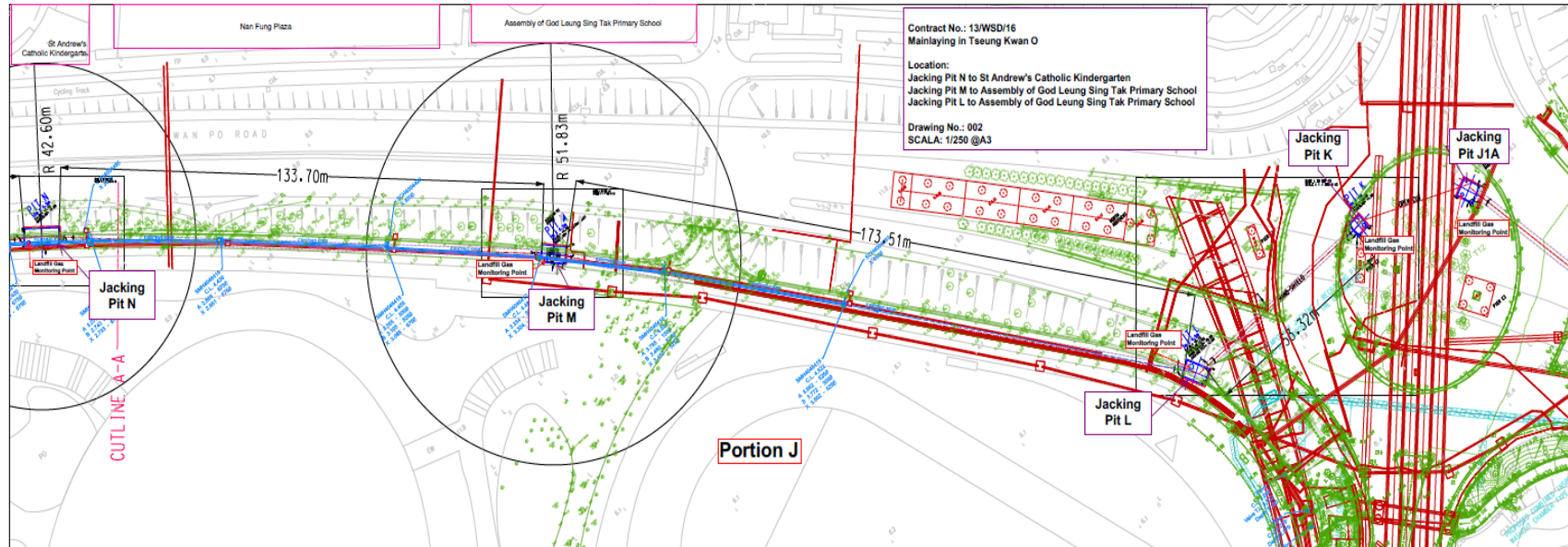


Figure D10a: Location Plan for Portion J – Pit L-M-N, J1A, K



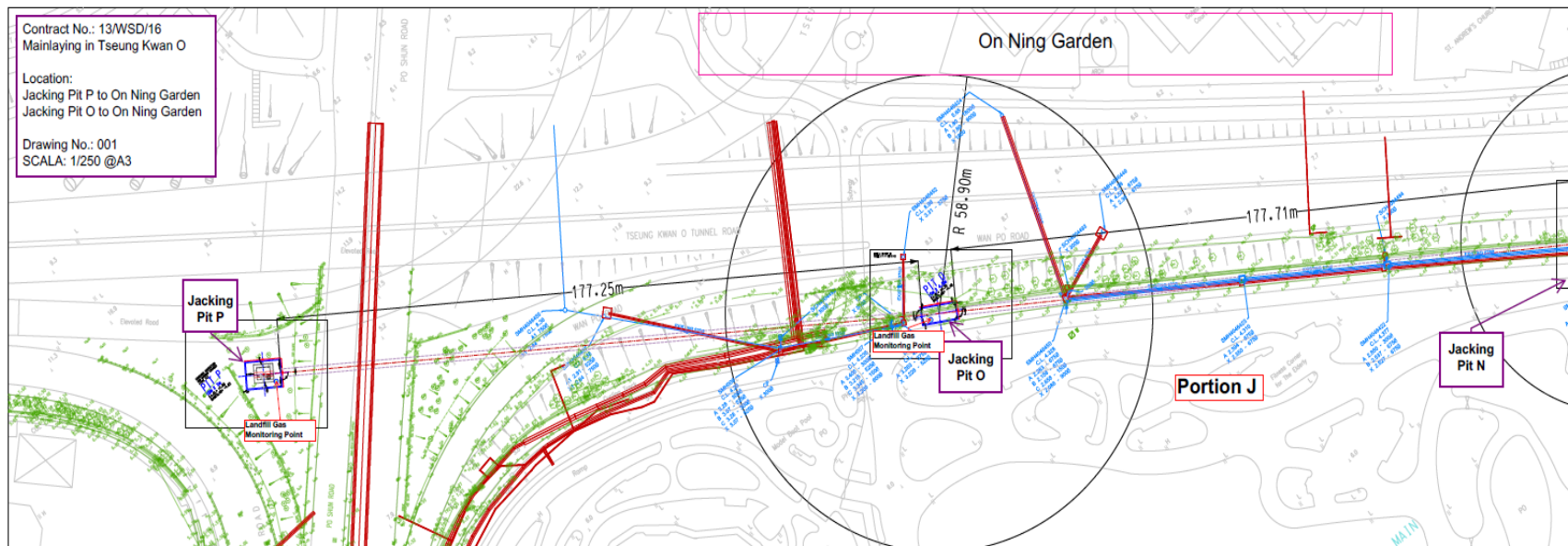


Figure D10b: Location Plan for Portion J – Pit N-O-P

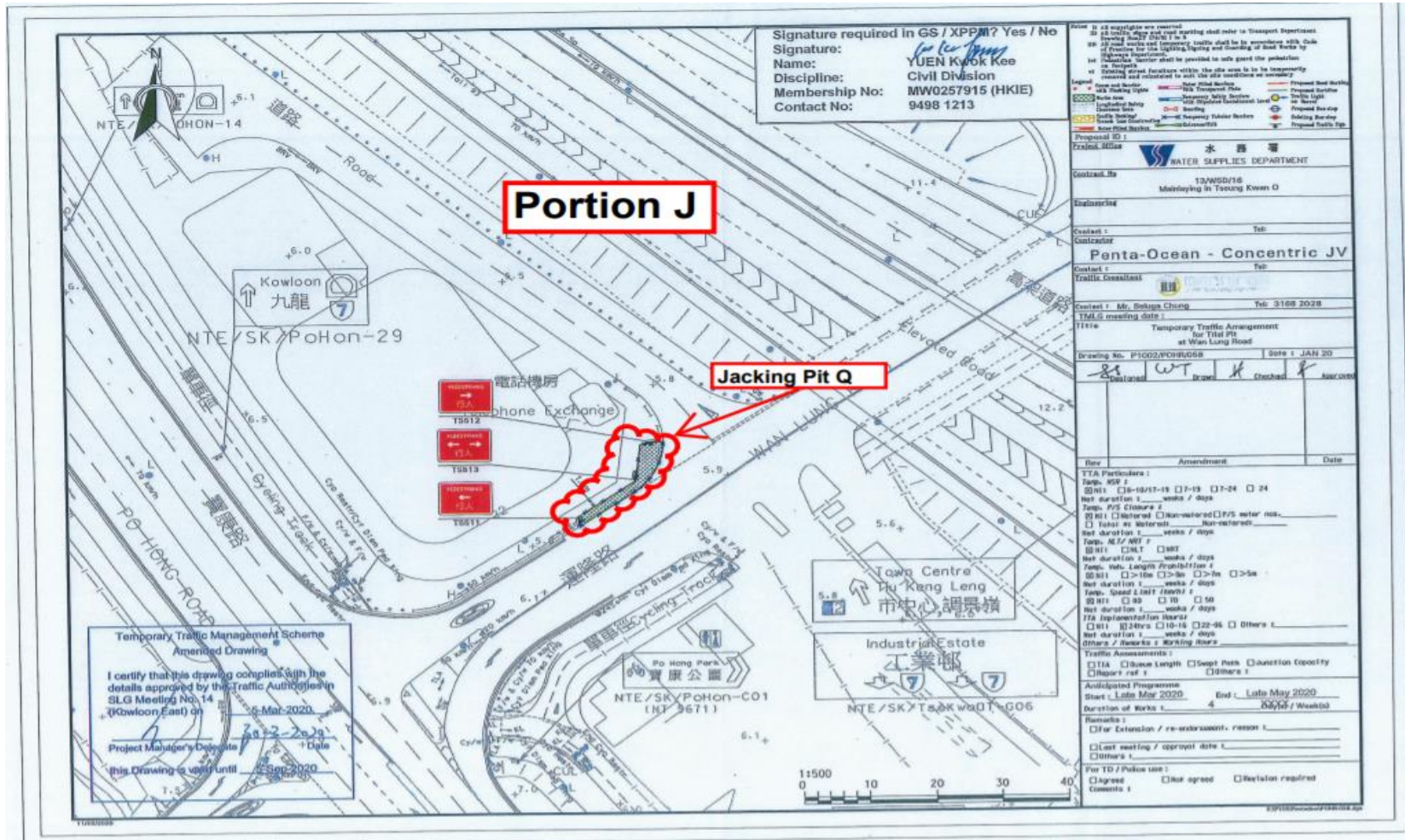


Figure D10c: Location Plan for Portion J – Pit Q



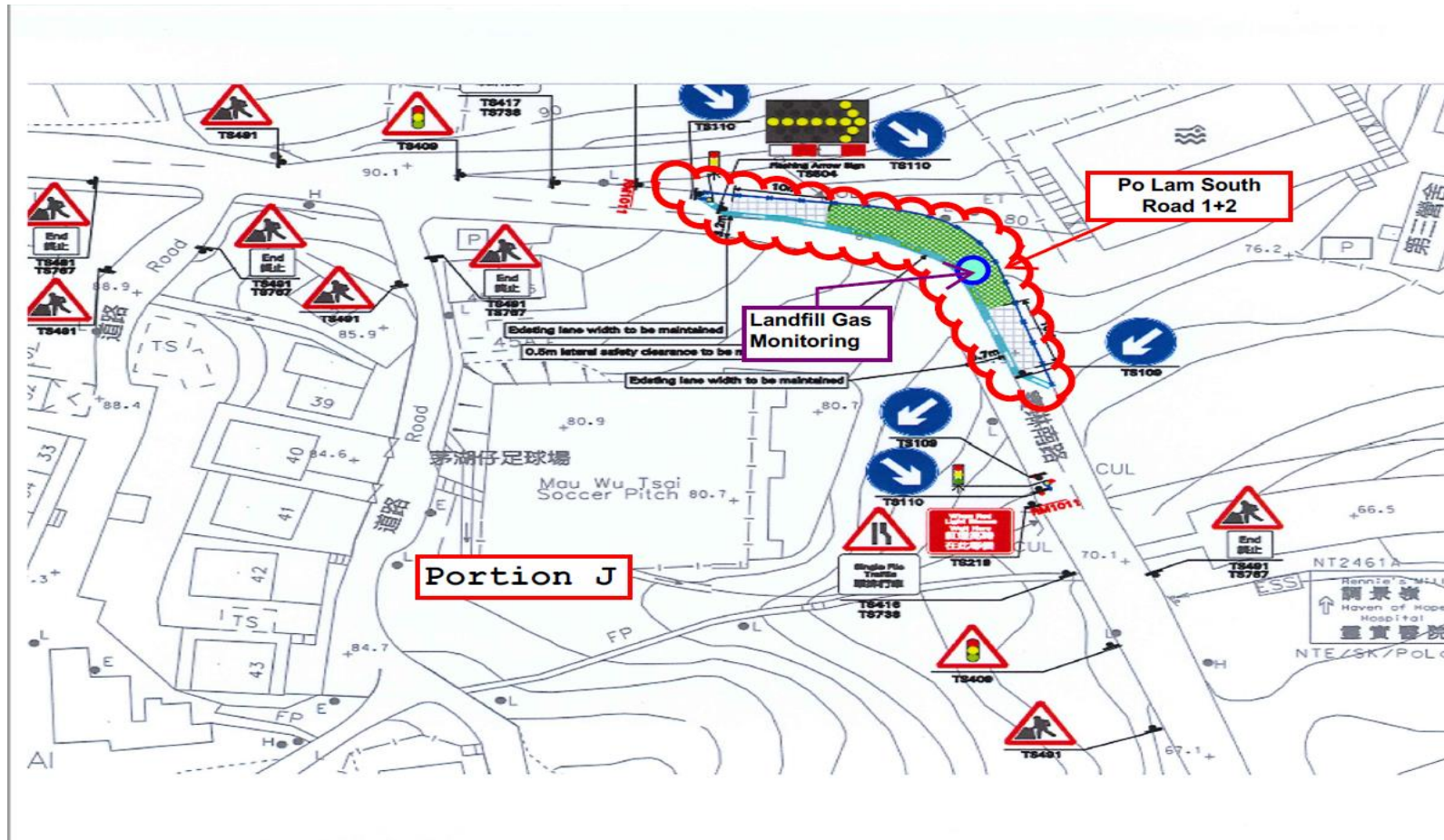


Figure D11: Location Plan for Portion J – Po Lam South Road

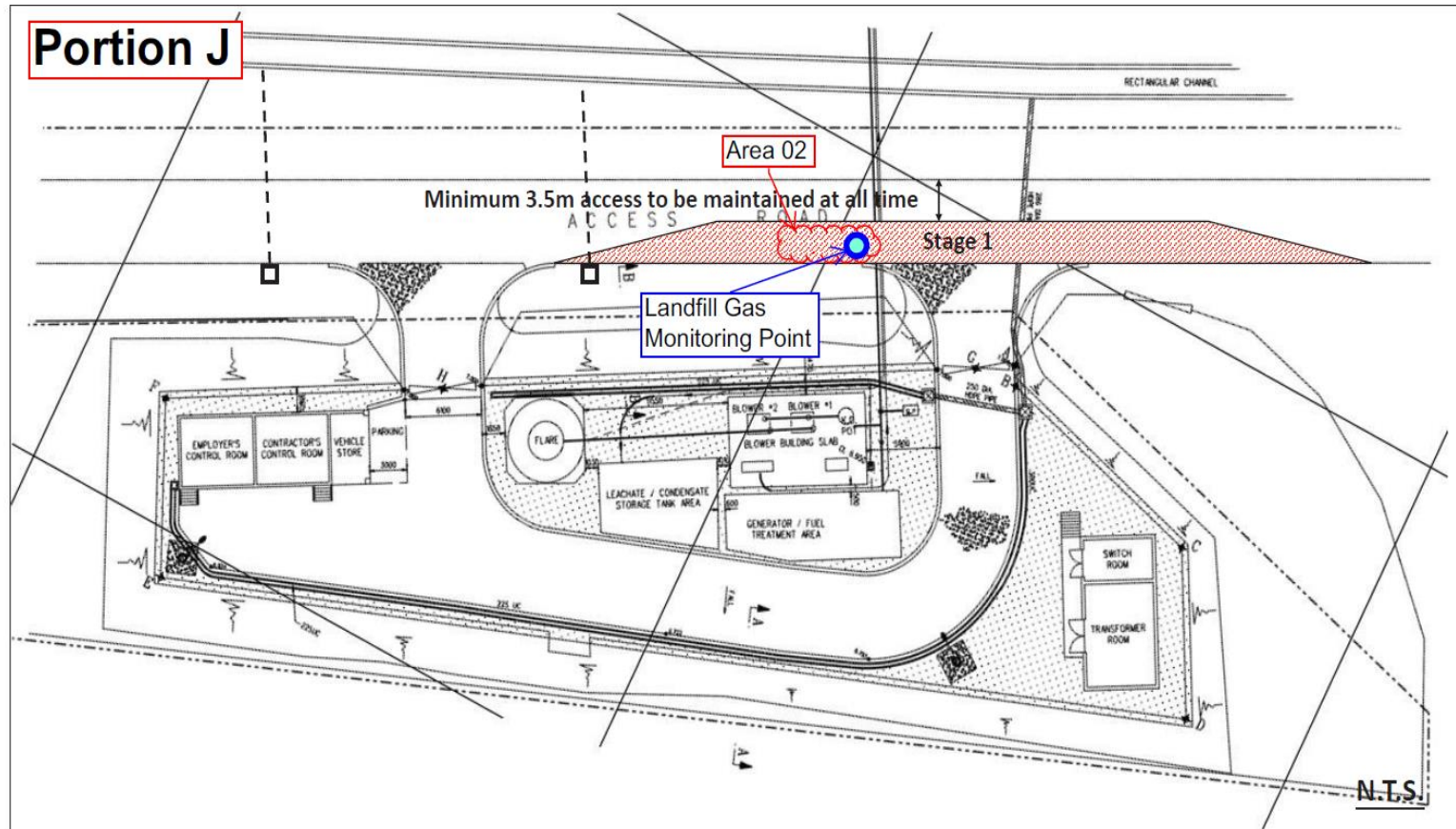


Figure D12: Location Plan for Portion J – Area A02



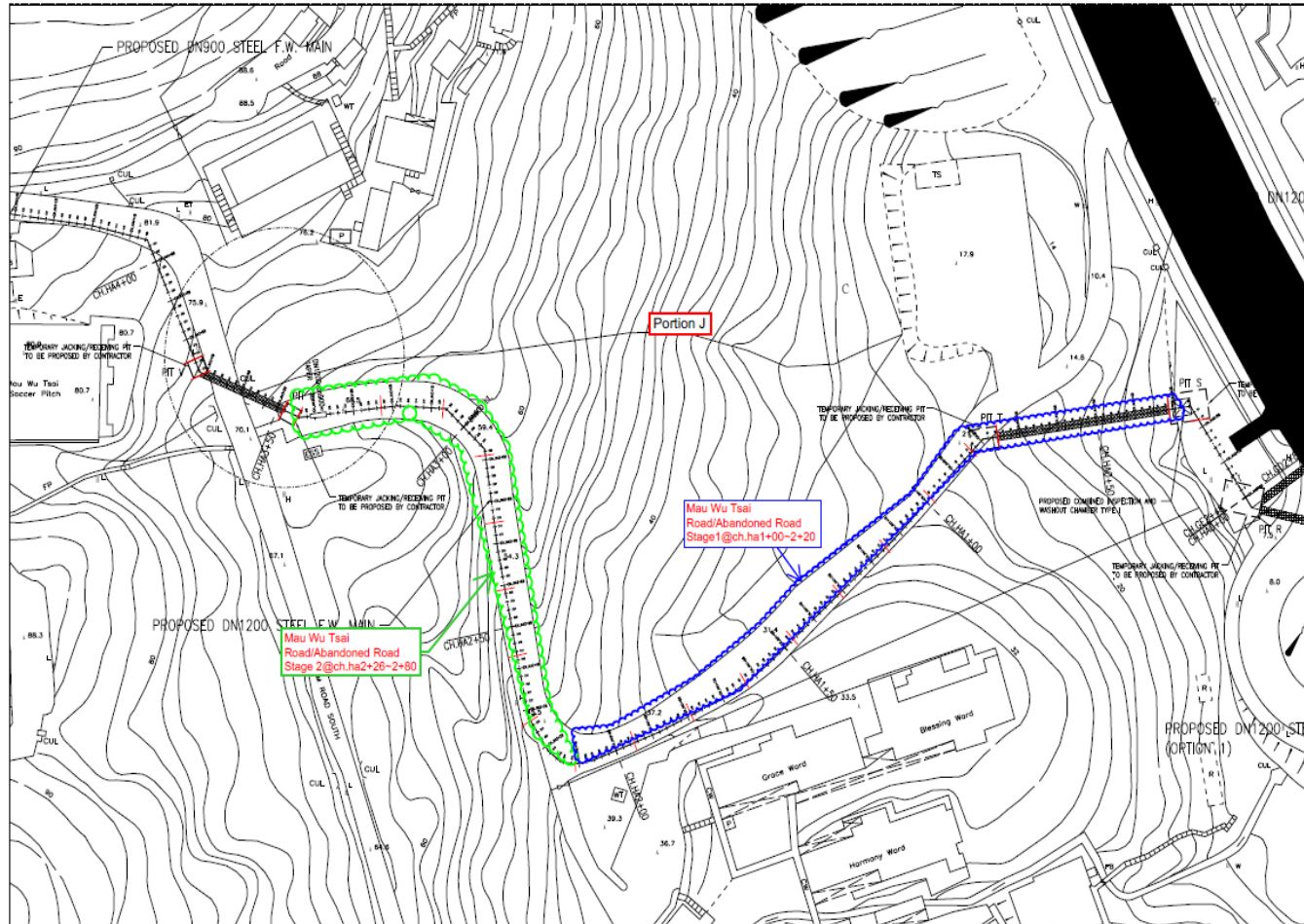


Figure D13: Location Plan for Portion J – Abandoned Mau Wu Tsai Road

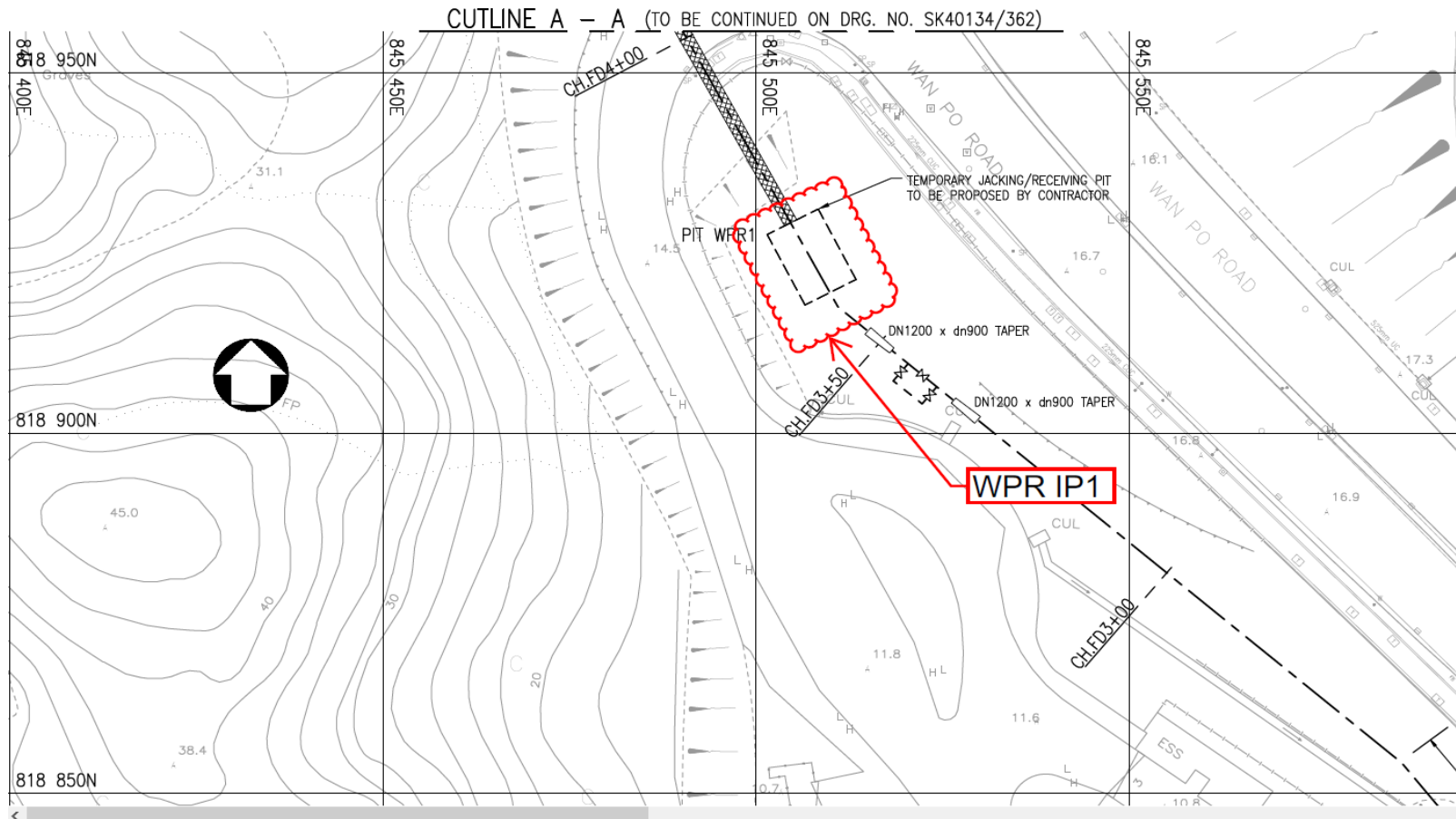


Figure D14: Location Plan for Portion J – WPR IP1

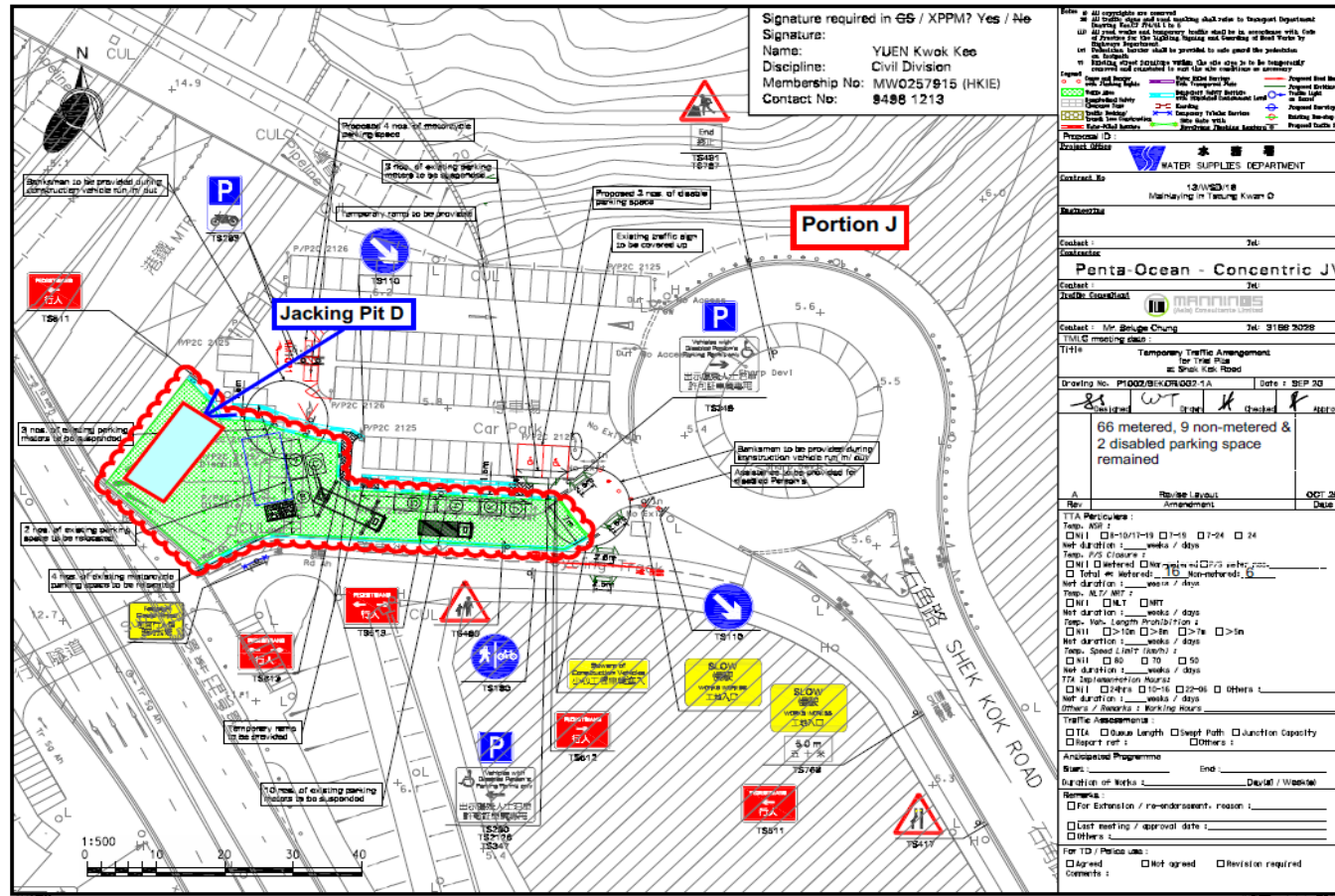


Figure D15: Location Plan for Portion J – Jacking Pit D



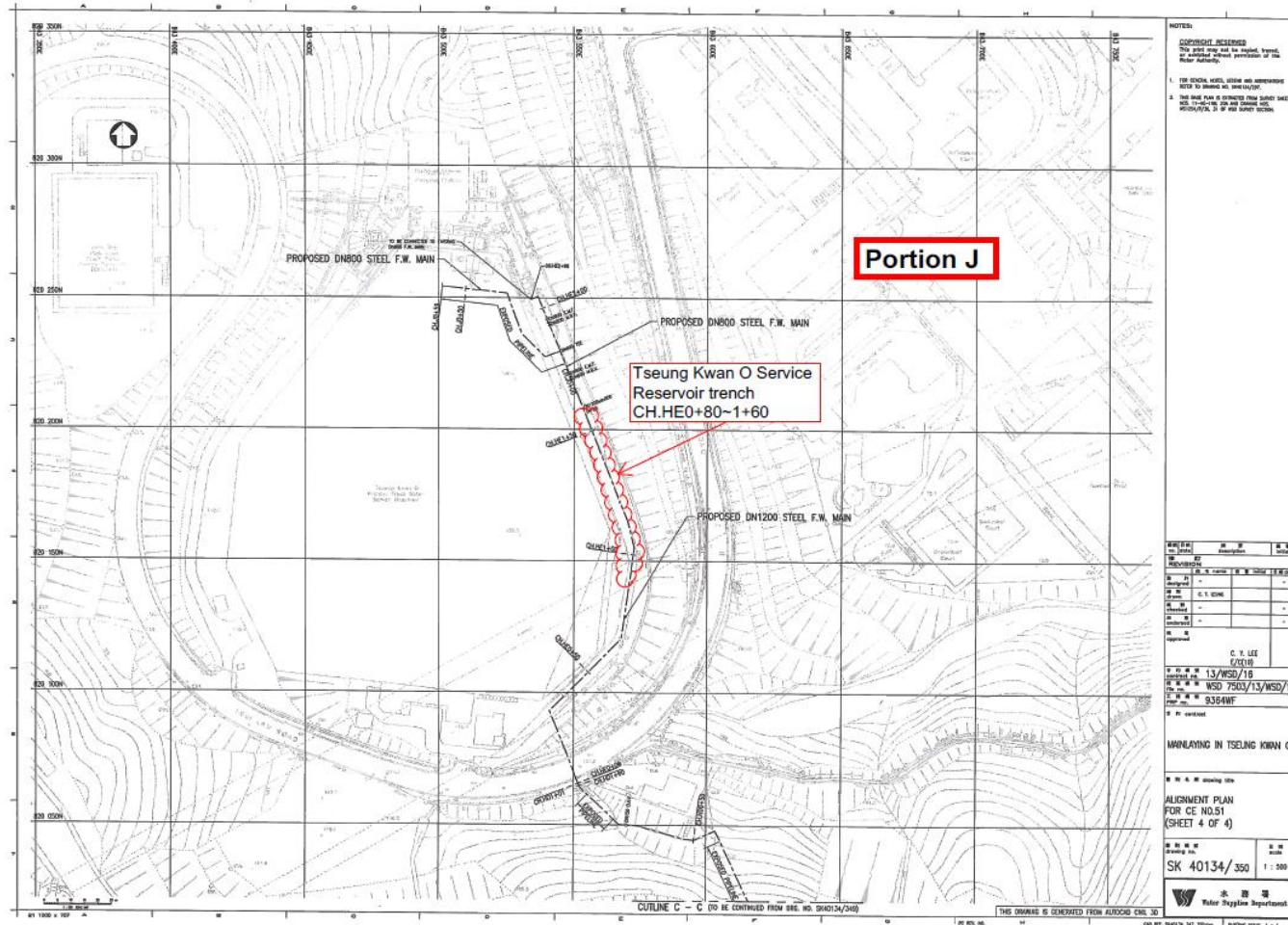


Figure D16: Location Plan for Portion J – CE.HE0+80~1+60





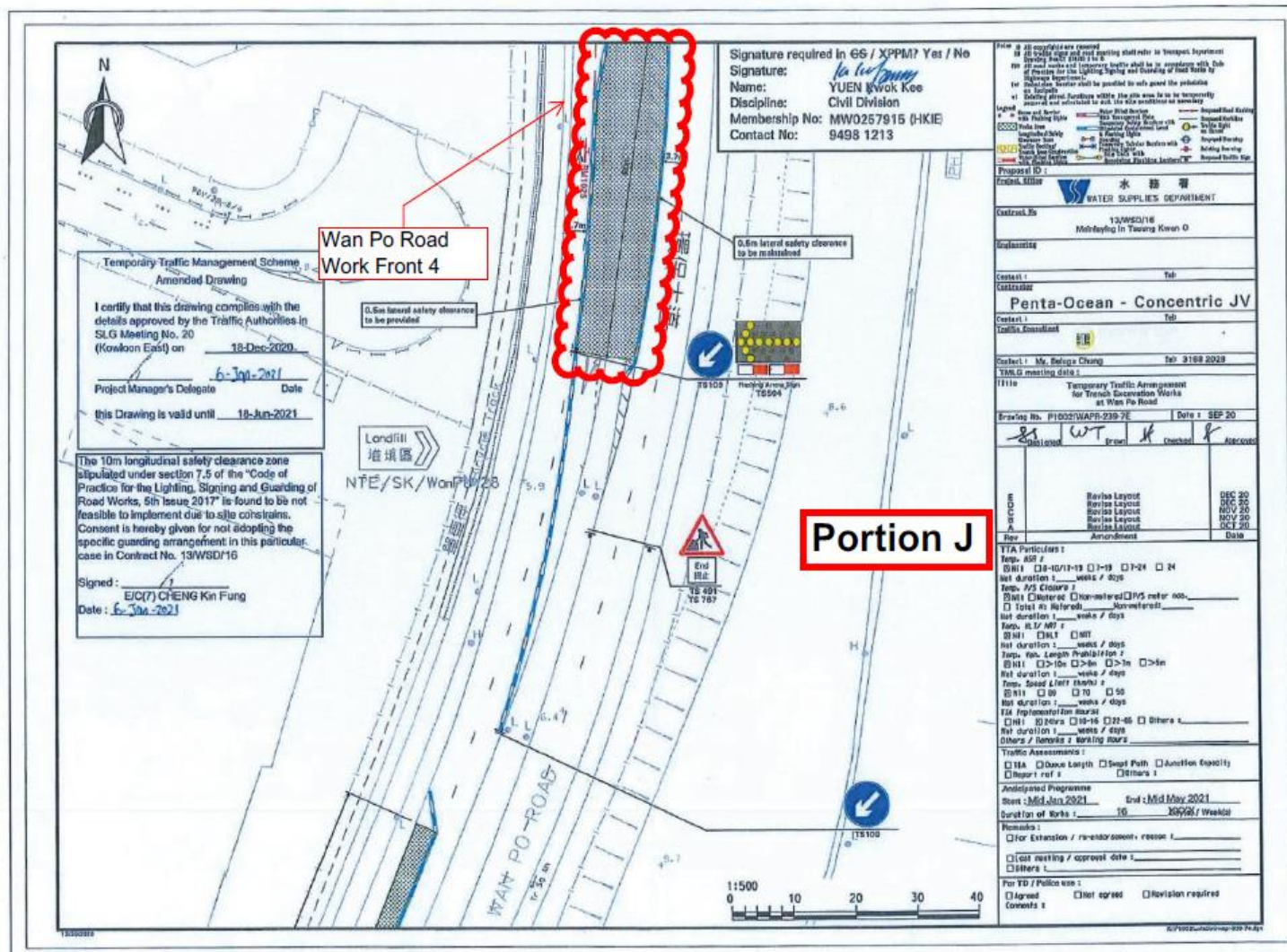


Figure D18a: Location Plan for Portion J – Wan Po Road 4



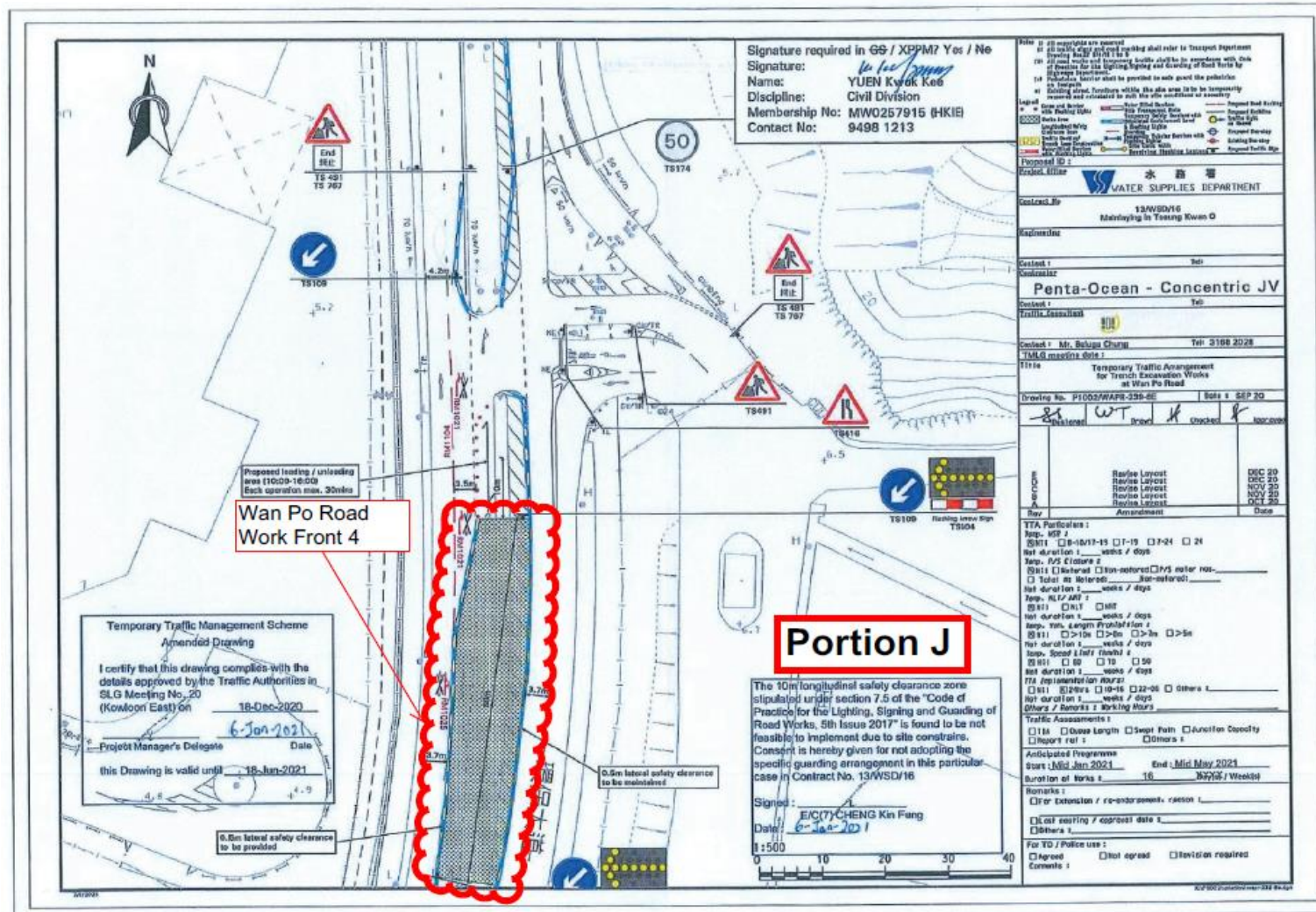


Figure D18b: Location Plan for Portion J – Wan Po Road 4

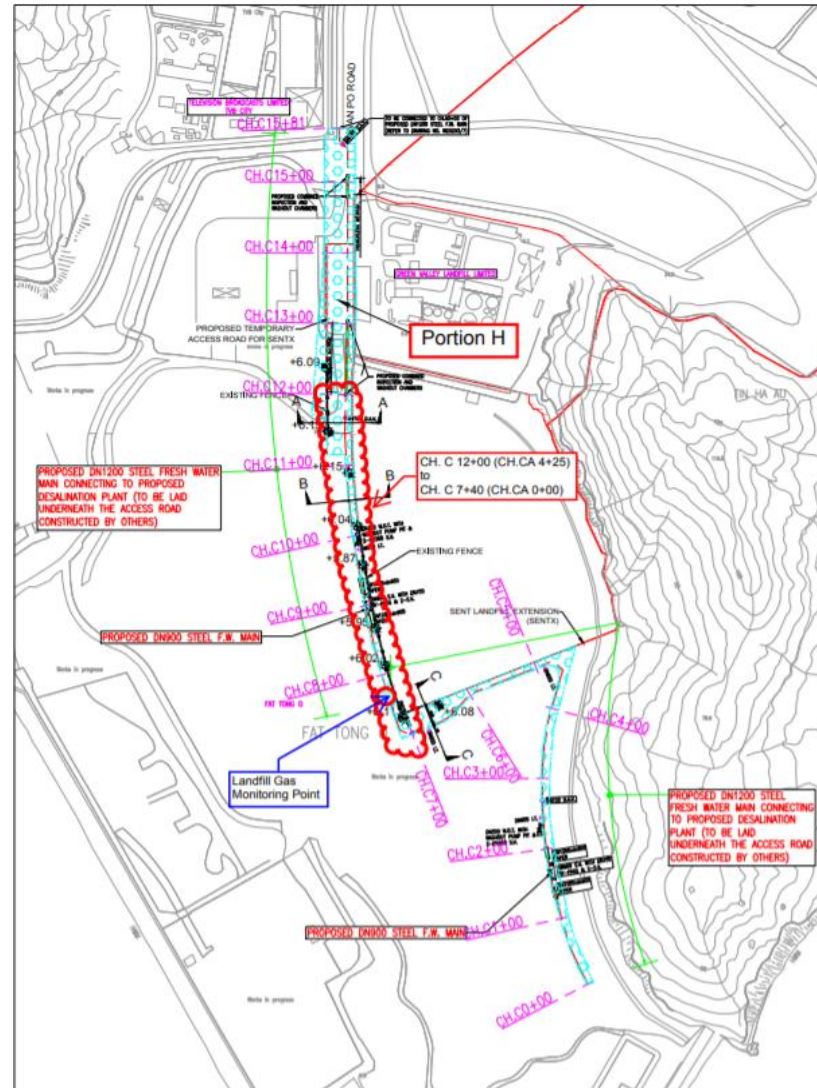


Figure D19. Location Plan for Portion H– CH.C 7+40 (CH.CA 0+00) to CH.C 12+00 (CH.CA 04+25)





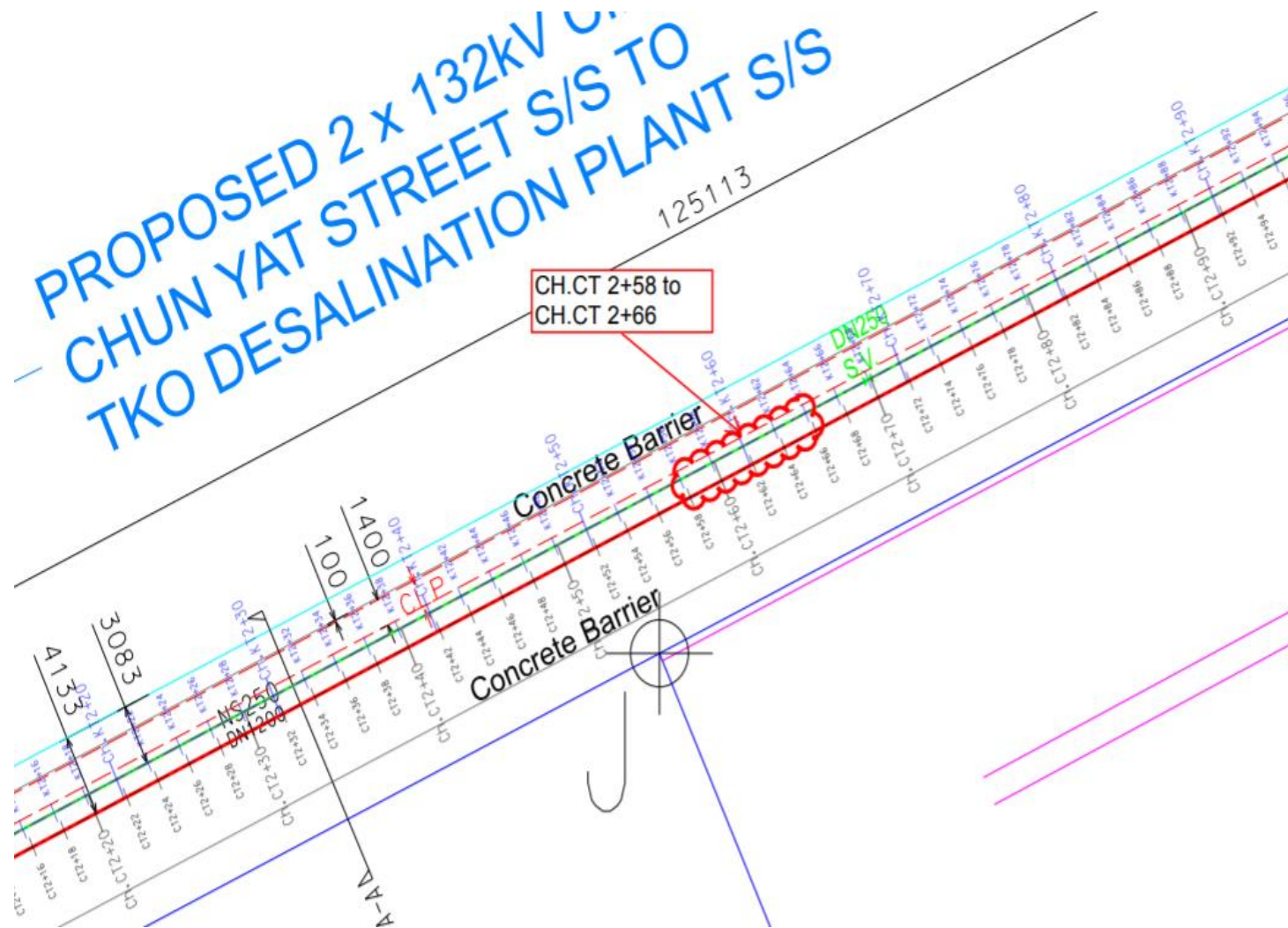


Figure D20b. Location Plan for Portion H: CH.CT 2+58 – 2+66

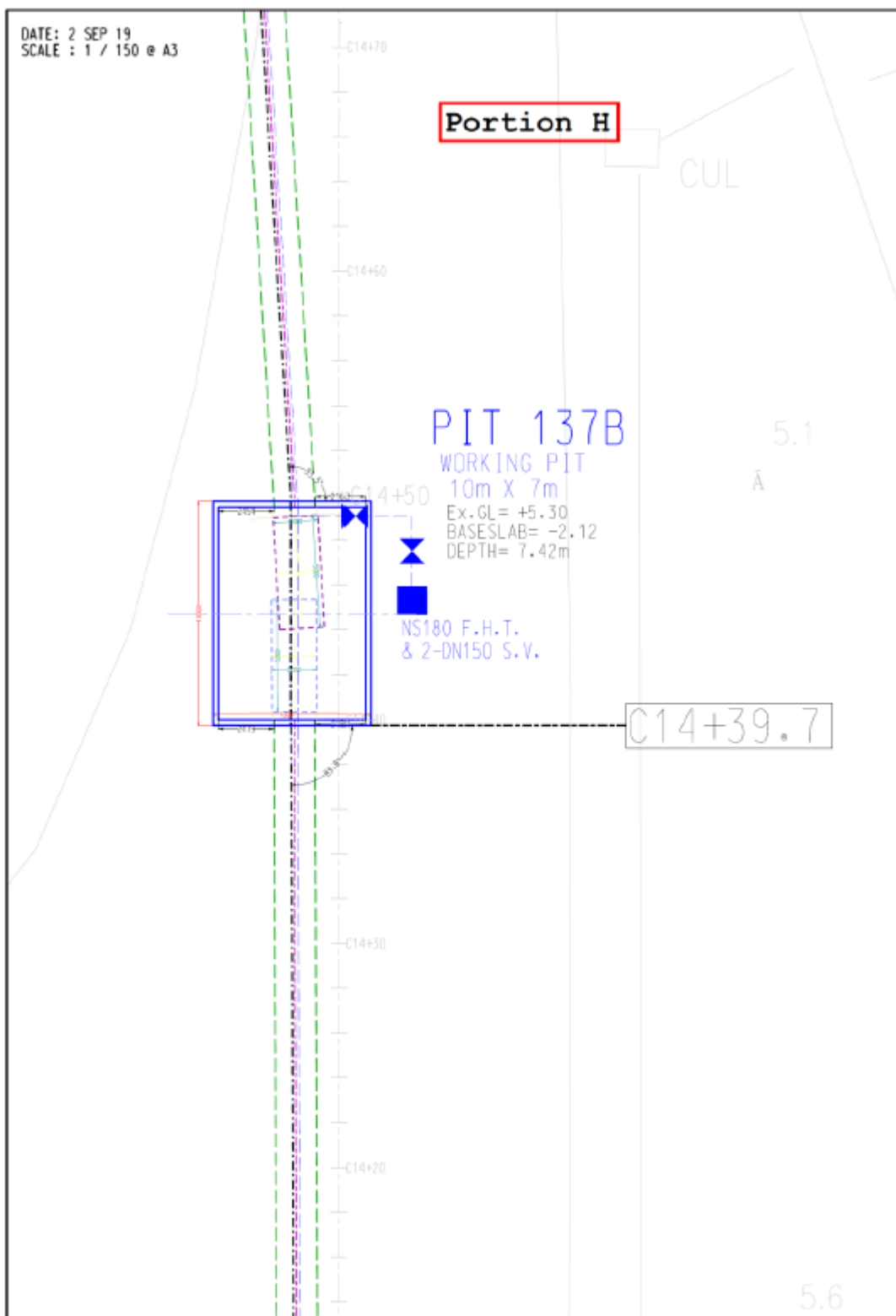


Figure D21a. Location Plan for Portion H – Pit 137 B

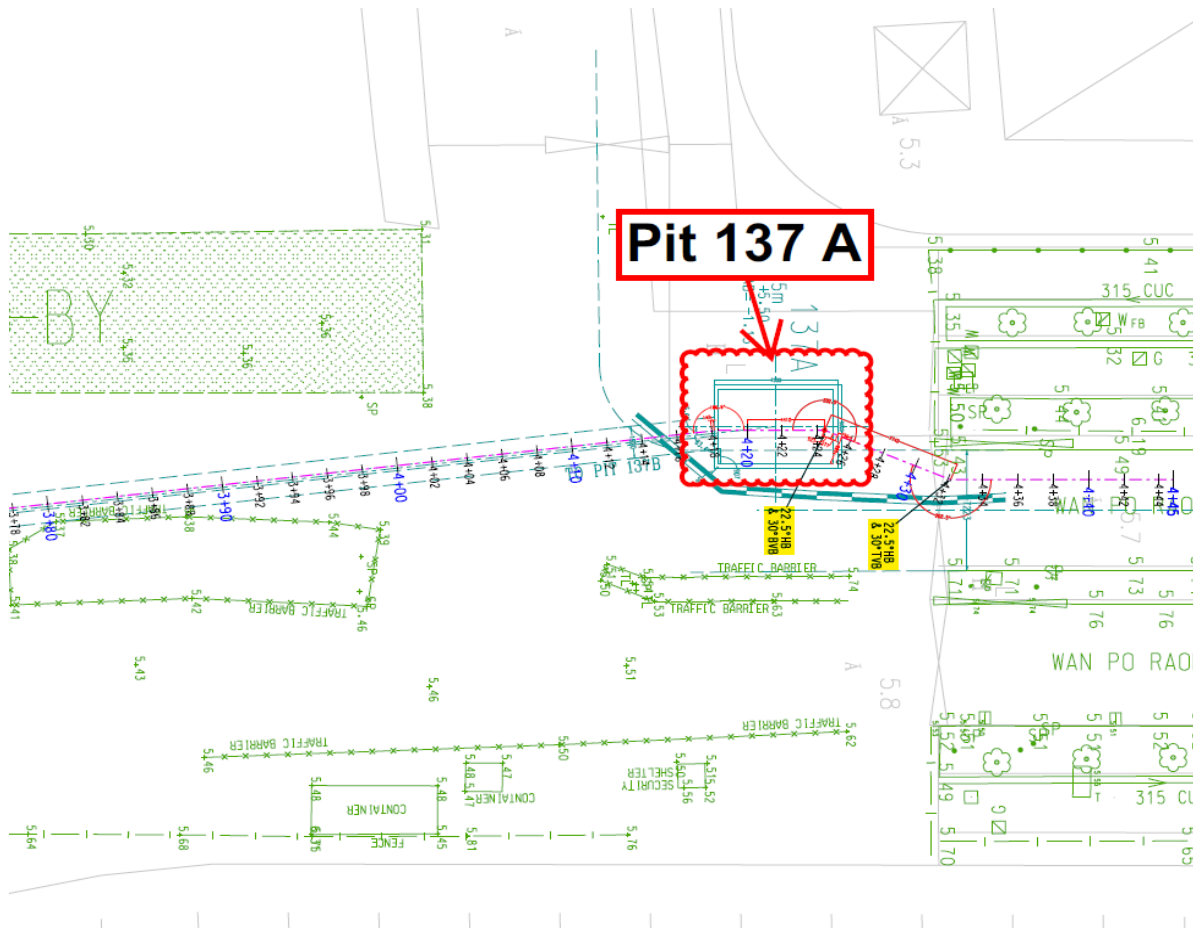


Figure D21b. Location Plan for Portion H- Pit 137A

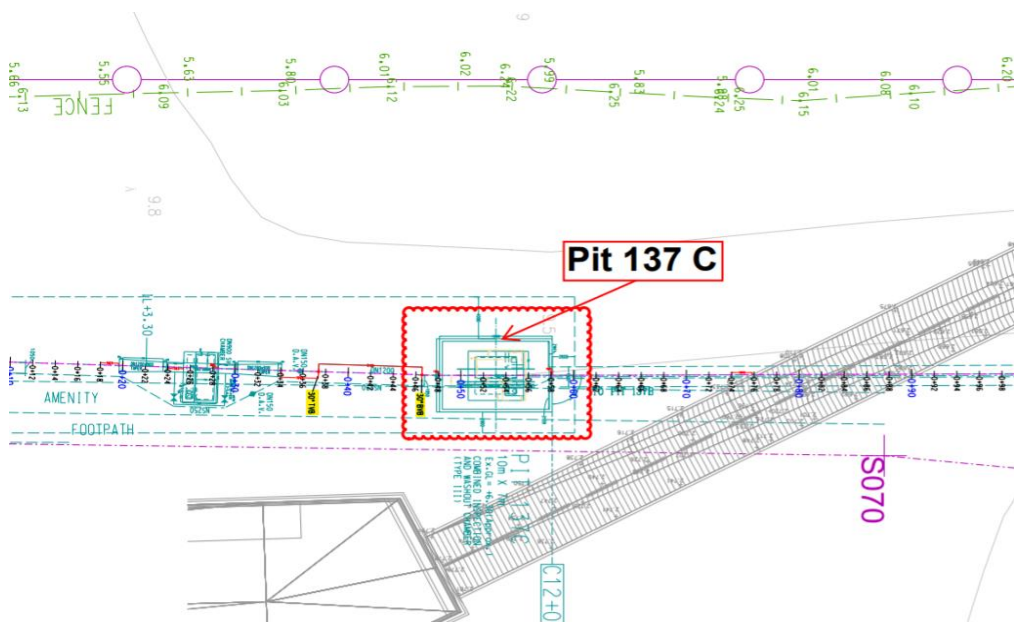


Figure D21c. Location Plan for Portion H- Pit 137C



# Appendix E

## Waste Flow Table

**Monthly Summary Waste Flow Table**

Name of Department: WSD Contract No. / Works Order No.: 13/WSD/16

Monthly Summary Waste Flow Table for May 2021 to July 2021

Month	Actual Quantities of <u>Inert</u> Construction Waste Generated Monthly					
	Total Quantity Generated (see Note 4)	Hard Rock and Large Broken Concrete (see Note 3)	Reused in the Contract	Reused in other Projects	Disposed of as Public Fill	Imported Fill (see Note 1)
	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )	(in '000m <sup>3</sup> )
2018	1.157	0.063	0.000	0.000	1.157	0.518
2019	5.178	0.043	2.211	0.000	2.520	3.200
2020	13.173	1.506	0.291	0.000	12.878	1.323
Jan 2021	2.438	0.120	0.000	0.000	2.438	0.127
Feb-2021	1.702	0.224	0.000	0.000	1.702	0.537
Mar-2021	2.780	0.163	0.000	0.000	2.780	1.361
Apr-2021	2.338	0.271	0.222	0.000	2.116	0.629
May-2021	2.265	0.125	0.360	0.000	1.906	0.340
Jun-2021	2.017	0.135	0.221	0.000	1.796	1.148
Jul-2021	2.003	0.059	0.109	0.000	1.894	1.352
<b>Total for 2021</b>	<b>15.543</b>	<b>1.097</b>	<b>0.912</b>	<b>0.000</b>	<b>14.632</b>	<b>5.494</b>

Month	Actual Quantities of <u>Non-inert</u> Construction Waste Generated Monthly				
	Metals	Paper/ cardboard packaging	Plastics (see Note 2)	Chemical Waste	Others, e.g. General Refuse disposed at Landfill
	(in '000kg)	(in '000kg)	(in '000kg)	(in '000kg)	(in '000m <sup>3</sup> )
2018	0.000	0.417	0.000	0.000	0.139
2019	0.000	0.062	0.000	0.000	0.102
2020	0.000	0.606	0.000	0.000	0.043
Jan 2021	0.000	0.065	0.000	0.000	0.006
Feb-2021	0.000	0.058	0.000	0.000	0.012
Mar-2021	0.000	0.055	0.000	0.000	0.002
Apr-2021	0.000	0.045	0.000	0.000	0.008
May-2021	0.000	0.049	0.000	0.000	0.006
Jun-2021	0.000	0.051	0.000	0.000	0.000
Jul-2021	0.000	0.052	0.000	0.000	0.005
<b>Total for 2021</b>	<b>0.000</b>	<b>0.375</b>	<b>0.000</b>	<b>0.000</b>	<b>0.039</b>

Notes:

1. The waste flow table shall also include C&D materials that are specified in the Contract to be imported for use at the Site.
2. Plastic refer to plastic bottles/containers, plastic sheets/foam from packaging materials.
3. Broken concrete for recycling into aggregate.

## Appendix F

# Summary of Implementation Status of Environmental Mitigation



**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation status	Relevant Legislation & Guidelines
				D	C	O		
<b>Air Quality</b>								
S4.8.1	Impervious dust screen or sheeting will be provided to enclose scaffolding from the ground floor level of building for construction of superstructure of the new buildings.	Land site/ During Construction	Contractor(s)		✓		N/A	Air Pollution Control (Construction Dust)
S4.8.1	Impervious sheet will be provided for skip hoist for material transport.	Land site/ During Construction, particularly dry season	Contractor(s)		✓		N/A	
S4.8.1	The area where dusty work takes place should be sprayed with water or a dust suppression chemical immediately prior to, during and immediately after dusty activities as far as practicable.	Land site/ During Construction	Contractor(s)		✓		Implemented	
S4.8.1	All dusty materials should be sprayed with water or a dust suppression chemical immediately prior to any loading, unloading or transfer operation.	Land site/ During Construction	Contractor(s)		✓		Implemented	
S4.8.1	Dropping heights for excavated materials should be controlled to a practical height to minimise the fugitive dust arising from unloading.	Land site/ During Construction	Contractor(s)		✓		Implemented	
S4.8.1	During transportation by truck, materials should not be loaded to a level higher than the side and tail boards, and should be dampened or covered before transport.	Land site/ During Construction	Contractor(s)		✓		Implemented	
S4.8.1	Wheel washing device should be provided at the exits of the work sites. Immediately before leaving a construction site, every vehicle shall be washed to remove any dusty material from its body and wheels as far as practicable.	Land site/ During Construction	Contractor(s)		✓		N/A	

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				D	C	O		
S4.8.1	Road sections between vehicle-wash areas and vehicular entrance will be paved.	Land site/ During Construction	Contractor(s)		✓		N/A	
S4.8.1	Hoarding of not less than 2.4m high from ground level will be provided along the length of the Project Site boundary.	Land site/ During construction	Contractor(s)	✓	✓		N/A	
S4.8.1	Haul roads will be kept clear of dusty materials and will be sprayed with water so as to maintain the entire road surface wet at all times.	Land site/ During construction	Contractor(s)		✓		Implemented	
S4.8.1	Temporary stockpiles of dusty materials will be either covered entirely by impervious sheets or sprayed with water to maintain the entire surface wet all the time.	Land site/ During construction	Contractor(s)		✓		Implemented, rectified after observation	
S4.8.1	Stockpiles of more than 20 bags of cement, dry pulverised fuel ash and dusty construction materials will be covered entirely by impervious sheeting sheltered on top and 3-sides.	Land site/ During construction	Contractor(s)		✓		N/A.	
S4.8.1	All exposed areas will be kept wet always to minimise dust emission.	Land site/ During construction	Contractor(s)		✓		Implemented	
S4.8.1	Ultra-low-sulphur diesel (ULSD) will be used for all construction plant on-site, as defined as diesel fuel containing not more than 0.005% sulphur by weight) as stipulated in Environment, Transport and Works Bureau Technical Circular (ETWB-TC(W)) No 19/2005 on Environmental Management on Construction Sites.	Land site/ During construction/ During Operation	Contractor(s)		✓	✓	Implemented	Environment, Transport and Works Bureau Technical Circular (ETWB- TC(W)) No 19/2005 on Environmental Management on Construction Sites
S4.8.1	The engine of the construction equipment during idling will be switched off.	Land site/ During construction	Contractor(s)		✓		Implemented	

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				D	C	O		
S4.8.1	Concrete batching plant will be required on site. control measures recommended in the Guidance Note on a Best Practicable Means for Cement Works (Concrete Batching Plant) (BPM 3/2 (93)) will be implemented. The control measures recommended in the Guidance Note on a Best Practicable Means for Cement Works (Concrete Batching Plant) (BPM 3/2 (93)) will be implemented.	Land site/ During construction	Contractor(s)		✓		N/A	Guidance Note on a Best
S4.8.1	Regular maintenance of construction equipment deployed on-site will be conducted to prevent black smoke emission.	Land site/ During construction	Contractor(s)		✓		Implemented	
S4.10	To ensure proper implementation of the recommended dust mitigation measures and good construction site practices during the construction phase, environmental site audits on weekly basis is recommended throughout the construction period.	Land site/ During construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		Implemented	

Note: D – Design stage C – Construction O – Operation

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				D	C	O		
<b>Noise</b>								
S5.7	Only well-maintained plant will be operated on-site and plant will be serviced regularly during the construction phase.	All area/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Silencers or mufflers on construction equipment will be utilised and will be properly maintained during the construction phase.	Noise control/ During construction	Contractor(s)		✓		NA	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Mobile plant, if any, will be sited as far away from NSRs as possible.	Noise control/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Machines and plant (such as trucks) that may be in intermittent use will be shut down between work periods or will be throttled down to a minimum.	Noise control/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Plants known to emit noise strongly in one direction will, wherever possible, be orientated so that the noise is directed away from the nearby NSRs.	Noise control/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Material stockpiles and other structures will be effectively utilised, wherever practicable, in screening noise from on-site construction activities.	Noise control/ During construction	Contractor(s)		✓		N/A	A Practical Guide for the Reduction of Noise from Construction Works,



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				D	C	O		
S5.7	Use of Quite Powered Mechanical Equipment (QPME).	Noise control/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Movable noise barriers of 3m in height with skid footing should be used and located within a few metres of stationary plant and mobile plant such that the line of sight to the NSR is blocked by the barriers. The length of the barrier should be at least five times greater than its height. The noise barrier material should have a superficial surface density of at least 7 kg m <sup>-2</sup> and have no openings or gaps.	Noise control/ During construction	Contractor(s)		✓		N/A	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	The noise insulating sheet should be deployed such that there would be no opening or gaps on the joints.	Noise control/ During construction	Contractor(s)		✓		N/A	A Practical Guide for the Reduction of Noise from Construction Works,
S5.7	Construction activities (e.g. excavation/shoring, reinstatement (asphalt), and pipe jacking) will be planned and carried out in sequence, such that items of PME proposed for these activities will not be operated simultaneously.	Noise control/ During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works
S5.7	PMEs will not be used at the works areas near educational institutions with residual impact (ie the “influence area” within a radius of 40m) during school hours in order to reduce impact to the educational institutions.	Noise control / During construction	Contractor(s)		✓		Implemented	A Practical Guide for the Reduction of Noise from Construction Works

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				D	C	O		
S5.7	Noise enclosures or acoustic sheds would be used to cover stationary PME such as generators. Portable/Movable noise enclosure made of material with superficial surface density of at least 7 kg m <sup>-2</sup> may be used for screening the noise from operation of the saw/groover, concrete.	Noise control/ Pre-construction/ During construction	Contractor(s)	✓	✓		N/A	
S5.9	Sawcutting pavement, breaking up of pavement, excavation/shoring, pipe laying, backfilling, reinstatement (concrete) and pipe jacking shall be scheduled outside the examination period.	Noise control/ Pre-construction/ During construction	Contractor(s)	✓	✓		Implemented	
S5.9	In view the duration of noise exceedance at Creative Secondary School, PLK Laws Foundation College, TKO Kei Tak Primary School and School of Continuing and Professional Studies-CUHK is limited to 8 weeks, the construction work in the influence areas near the four schools shall be scheduled during long school holidays (eg summer holiday, Easter holiday or Christmas holiday, etc) as far as practicable. Scheduling the construction work for the four schools.	Noise control/ Pre-construction/ During construction	Contractor(s)	✓	✓		Implemented	
S5.10	A noise monitoring programme shall be implemented for the construction phase.	Designated monitoring stations as defined in EM&A Manual/ During construction phase	Environmental Team (ET)		✓		Implemented	
S5.10	The effectiveness of on-site control measures could also be evaluated through the regular site audits.	All facilities/ During construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		Implemented	-

Note: D – Design stage C – Construction O – Operation

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				D	C	O		
<b>Water Quality</b>								
S6.9	Dredged marine sediment will be disposed of in a gazetted marine disposal area in accordance with marine dumping permit conditions of the Dumping at Sea Ordinance (DASO).	Marine Dredging/ During construction	Contractor(s)		✓		N/A	Dumping at Sea Ordinance (DASO)
S6.9	Disposal vessels will be fitted with tight bottom seals in order to prevent leakage of material during transport.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	Barges will be filled to a level, which ensures that material does not spill over during transport to the disposal site and that adequate freeboard is maintained to ensure that the decks are not washed by wave action.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	After dredging, any excess materials will be cleaned from decks and exposed fittings before the vessel is moved from the dredging area.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	All vessels should be well maintained and inspected before use to limit any potential discharges to the marine environment.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	All vessels must have a clean ballast system.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	No discharge of sewage/grey wastewater should be allowed. Waste water from potentially contaminated area on working vessels should be minimized and collected. These kinds of wastewater should be brought back to port and discharged at appropriate collection and treatment system.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-
S6.9	No soil waste is allowed to be disposed overboard.	Marine Dredging/ During construction	Contractor(s)		✓		N/A	-

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				D	C	O		
S6.9	Silt removal facilities such as silt traps or sedimentation facilities will be provided to remove silt particles from runoff to meet the requirements of the TM standard under the WPCO. The design of silt removal facilities will be based on the guidelines provided in ProPECC PN 1/94. All drainage facilities and erosion and sediment control structures will be inspected on a regular basis and maintained to confirm proper and efficient operation at all times and particularly during rainstorms. Deposited silt and grit will be removed regularly.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented, rectified after observation and reminder	ProPECC PN 1/94 TM Standard under the WPCO
S6.9	Earthworks to form the final surfaces will be followed up with surface protection and drainage works to prevent erosion caused by rainstorms.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented	-
S6.9	Appropriate surface drainage will be designed and provided where necessary.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented	-
S6.9	The precautions to be taken at any time of year when rainstorms are likely together with the actions to be taken when a rainstorm is imminent or forecasted and actions to be taken during or after rainstorms are summarised in Appendix A2 of ProPECC PN 1/94.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented	ProPECC PN 1/94
S6.9	Oil interceptors will be provided in the drainage system where necessary and regularly emptied to prevent the release of oil and grease into the storm water drainage system after accidental spillages.	Land site & drainage/ During construction	Contractor(s)		✓		N/A	-
S6.9	Temporary and permanent drainage pipes and culverts provided to facilitate runoff discharge, if any, will be adequately designed for the controlled release of storm flows.	Land site & drainage/ During construction	Contractor(s)		✓		N/A	-



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				D	C	O		
S6.9	The temporary diverted drainage, if any, will be reinstated to the original condition when the construction work has finished or when the temporary diversion is no longer required.	Land site & drainage/ During construction	Contractor(s)		✓		N/A	-
S6.9	Appropriate numbers of portable toilets shall be provided by a licensed contractor to serve the construction workers over the construction site to prevent direct disposal of sewage into the water environment.	Land site & drainage/ During construction	Contractor(s)		✓		Implemented	-
S6.9 and S6.12	The sterilization water should be dechlorinated with total residual chlorine (TRC) level below 1 mg/L before discharge to public sewer. In situ testing of TRC should also be conducted for the discharge of chlorinated water for pipeline disinfection to ensure sufficient dechlorination before discharge to public sewer.	Sterilization of water mains prior to commissioning	Contractor(s)		✓	✓	N/A	Technical Memorandum for Effluents Discharged into Drainage and Sewerage Systems Inland and Coastal Waters
S6.9	The cleaning and flushing water should also be treated and desilted to the relevant discharge requirement stipulated in TM-DSS before discharging.	Sterilization of water mains prior to commissioning	Contractor(s)		✓	✓	N/A	Technical Memorandum for Effluents Discharged into Drainage and Sewerage Systems Inland and Coastal Waters
S6.9	Site drainage should be well maintained and good construction practices should be observed to ensure that oil, fuels, solvents and other chemicals are managed, stored and handled properly and do not enter the nearby water streams.	Land site & drainage/ During construction/ During operation	Contractor(s)		✓	✓	Implemented, rectified after observation	-

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S6.12	Regular site inspections will be carried out in order to confirm that regulatory requirements are being met and that contractors are implementing the standard site practice and mitigation measures as proposed to reduce potential impacts to water quality.	During construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		Implemented	-

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<b>Waste Management</b>								
S8.5	Nomination of approved personnel to be responsible for standard site practices, arrangements for collection and effective disposal to an appropriate facility of all wastes generated at the site.	Contract mobilisation/ During construction	Contractor(s)		✓		Implemented	-
S8.5	Training of site personnel in proper waste management and chemical handling procedures. Training will be provided to workers on the concepts of site cleanliness and appropriate waste management procedures, including waste reduction, reuse and recycling at the beginning of the construction works.	Contract mobilisation/ During construction	Contractor(s)		✓		Implemented	-
S8.5	Provision of sufficient waste disposal points and regular collection for disposal.	All area/ During construction/ During operation	Contractor(s)		✓	✓	Implemented, reminder issued	DEVB TC(W) No. 8/2010, Enhanced Specification for Site Cleanliness and Tidiness.
S8.5	Appropriate measures to reduce windblown litter and dust transportation of waste by either covering trucks or by transporting wastes in enclosed containers.	All area/ During construction	Contractor(s)		✓		Implemented	DEVB TC(W) No. 8/2010, Enhanced Specification for Site Cleanliness and Tidiness.
S8.5	A waste management plan (WMP) as stated in the “ <i>ETWB TC(W) No. 19/2005, Environmental Management on Construction Sites</i> ” for the amount of waste generated, recycled and disposed of (including the disposal sites) will be established and implemented during the construction phase as part of the Environmental Management Plan (EMP). The Contractor will be required to prepare the EMP and submits it to the Architect/ Engineer under the Contract for approval prior to implementation.	All area/ During construction	Contractor(s)		✓		Implemented	ETWB TC(W) No. 19/2005, Environmental Management on Construction Sites
S8.5	Separation of chemical wastes for special handling and appropriate treatment at the Chemical Waste Treatment Centre at Tsing Yi.	All area/ During construction	Contractor(s)		✓		Implemented	Chapters 2 & 3 Code Practice on the Packaging, Labelling Storage of Chemical Wastes published and

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								the Waste Disposal Ordinance (Cap 354), Section 35
S8.5	Regular cleaning and maintenance programme for drainage systems, sumps and oil interceptors.	Land site/ During construction	Contractor(s)		✓		Implemented, rectified after observation. Renubder issued.	Waste Disposal Ordinance (Cap 354)
S8.5	A recording system for the amount of wastes generated/ recycled and disposal sites. The trip- ticket system will be included as one of the contractual requirements and implemented by the contractor(s).	Land site/ During construction	Contractor(s)		✓		Implemented	DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials
S8.5	Segregation and storage of different types of waste in different containers, skips or stockpiles to enhance reuse or recycling of material and their proper disposal.	Land site/ During construction/ During operation	Contractor(s)		✓		Implemented	WBTC 32/92, The Use of Tropical Hard Wood on Construction Site
S8.5	Encourage collection of aluminium cans and waste paper by individual collectors during construction with separate labelled bins provided to segregate these wastes from other general refuse by the workforce.	Land site/ During construction	Contractor(s)		✓		Implemented	ETWB TCW No. 33/2002, Management of Construction and Demolition Material Including Rock
S8.5	Any unused chemicals and those with remaining functional capacity will be recycled as far as possible.	Land site/ During construction	Contractor(s)		✓		N/A	-
S8.5	Use of reusable non-timber formwork to reduce the amount of C&D materials.	All areas/ During construction	Contractor(s)		✓		N/A	WBTC 32/92, The Use of Tropical Hard Wood on Construction Site
S8.5	Prior to disposal of construction waste, wood, steel and other metals will be separated to the extent practical, for re-use and/or recycling to reduce the quantity of waste to be disposed of to landfill.	All areas/ During construction	Contractor(s)		✓		Implemented	DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials
S8.5	Proper storage and site practices to reduce the potential for damage or contamination of construction materials.	All areas/ During construction	Contractor(s)		✓		Implemented, rectified after	-



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							observation	
S8.5	Plan and stock construction materials carefully to reduce amount of waste generated and avoid unnecessary generation of waste.	All areas/ During construction	Contractor(s)		✓		Implemented	-
S8.5	A Sediment Quality Report (SQR) for sampling and chemical testing of the sediment will be prepared and submitted to the EPD for approval. The approved detailed sampling and chemical testing will be carried out prior to the commencement of the dredging activities to confirm the sediment disposal method.	Marine works/ During construction	Contractor(s)		✓		N/A	ETWB TC(W) No. 34/2002 and Dumping at Sea Ordinance (DASO)
S8.5	The management of dredged/ excavated sediment management requirement from <i>ETWB TC(W) No. 34/2002</i> will be incorporated in the Specification of the Contract Documents.	Marine works/ During construction	WSD/ Contractor(s)		✓		Implemented	ETWB TC(W) No. 34/2002 and Dumping at Sea Ordinance (DASO)
S8.5	The contractor will open a billing account with EPD in accordance with the Waste Disposal (Charges for Disposal of Construction Waste) Regulation for the payment of disposal charges.	Contract mobilisation/ During construction	Contractor(s)		✓		Implemented	Cap 354N Waste Disposal (Charges for Disposal of Construction Waste) Regulation
S8.5	A trip-ticket system will be established in accordance with DEVB TC(W) No. 6/2010 to monitor the reuse of surplus excavated materials off-site and disposal of construction waste and general refuse at transfer facilities/ landfills, and to control fly-tipping.	Contract mobilisation/ During construction	Contractor(s)		✓		Implemented	DEVB TC(W) No. 6/2010, Trip Ticket System for Disposal of Construction & Demolition Materials
S8.5	The project proponent will also conduct regular inspection of the waste management measures implemented on site as described in the Waste Management Plan.	All area/ During construction	Contractor(s)/ Environmental Team (ET) & Independent Environmental Checker (IEC)		✓		Implemented	ETWB TC(W) No. 19/2005, Environmental Management on Construction Sites

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S8.5	A recording system (similar to summary table as shown in Annex 5 and Annex 6 of Appendix G of ETWB TC(W) No. 19/2005) for the amount of waste generated, recycled and disposed of (including the disposal sites) will be established during the construction phase.	All area/ During construction	Contractor(s)		✓		Implemented	Annex 5 and Annex 6 of Appendix G of ETWB TC(W) No. 19/2005
S8.5	Inert C&D materials (public fill) will be reused within the Project as far as practicable.	All area/ During construction	Contractor(s)		✓		Implemented	-
S8.5	Public fill and construction waste shall be segregated and stored in different containers or skips to facilitate reuse or recycling of materials and their proper disposal.	All area/ During construction	Contractor(s)		✓		Implemented	-
S8.5	Specific areas of the work site will be designated for such segregation and storage if immediate use is not practicable.	All area/ During construction	Contractor(s)		✓		Implemented	-
S8.5	To reduce the potential dust and water quality impacts of site formation works, C&D materials will be wetted as quickly as possible to the extent practice after filling.	All area/ During construction	Contractor(s)		✓		Implemented	Air Pollution Control (Construction Dust) Regulation (Cap 311R); WPCO (Cap 358)
S8.5	Open stockpiles of excavated/ fill materials or construction wastes on-site should be covered with tarpaulin or similar fabric.	Land site/ During Construction, particularly dry season	Contractor(s)		✓		Implemented, rectified after observation	Air Pollution Control (Construction Dust) Regulation (Cap 311R)
S8.5	Chemical waste container shall be suitable for the substance they are holding, resistant to corrosion, maintained in a good condition, and securely closed.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Chemical waste container shall have a capacity of less	All area/ During construction/	Contractor(s)/		✓	✓	Implemented	Waste Disposal

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	than 450 L unless the specifications have been approved by the EPD.	During operation	WSD					(Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	A label in English and Chinese shall be displayed on the chemical container in accordance with instructions prescribed in Schedule 2 of the Regulations.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Storage areas for chemical waste shall be enclosed on at least 3 sides.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Storage areas for chemical waste shall have an impermeable floor and bunding, of capacity to accommodate 110% of the volume of the largest container or 20% by volume of the chemical waste stored in that area, whichever is the greatest.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Storage areas for chemical waste shall have adequate ventilation.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste)

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								(General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Storage areas for chemical waste shall be covered to prevent rainfall entering (water collected within the bund must be tested and disposed of as chemical waste, if necessary).	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Storage areas for chemical waste shall be arranged so that incompatible materials are appropriately separated.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	General refuse will be stored in enclosed bins or compaction units separately from construction and chemical wastes.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	Waste Disposal (Chemical Waste) (General) Regulation; Code of Practice on the Packaging, Handling and Storage of Chemical Wastes
S8.5	Adequate number of waste containers will be provided to avoid over-spillage of waste.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	DEVB TC(W) No. 8/2010 Enhanced



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								Specification for Site Cleanliness and Tidiness.
S8.5	A reputable waste collector will be employed by the Contractor to remove general refuse from the site, separately from construction and chemical wastes, on a daily basis to minimise odour, pest and litter impacts.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	-
S8.5	Recycling bins will be provided at strategic locations within the Site to facilitate recovery of recyclable materials (including aluminium can, waste paper, glass bottles and plastic bottles) from the Site. Materials recovered will be sold for recycling.	All area/ During construction/ During operation	Contractor(s)/ WSD		✓	✓	Implemented	-
S8.5	To avoid any odour and litter impact, accurate number of portable toilets will be provided for workers on-site.	All area/ During construction	Contractor(s)		✓		Implemented	-
S8.5	The burning of refuse on construction sites is prohibited by law.	All area/ During construction	Contractor(s)		✓		Implemented	Air Pollution Control Ordinance (Cap 311)
S8.7	To facilitate monitoring and control over the contractors' performance on waste management, a waste inspection and audit programme will be implemented throughout the construction phase.	All facilities/ During construction	ET/ IEC		✓		Implemented	-

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<b>Ecology</b>								
S9.7	For slope mitigation works within the Clear Water Bay Country Park, to avoid tree felling and damages to trees, the exact locations of the flexible barrier foundation plates, soil nails and rock dowels can be adjusted during detailed design, and a setback distance from existing trees is recommended to be maintained as far as practical. A detailed specification describing the exact locations of the flexible barrier foundation plates, soil nails and rock dowels will be prepared to illustrate how the setback distance from existing trees would be implemented for tree avoidance.	Slope mitigation works area/ During detailed design/ During construction	Contractor(s)	✓	✓		Implemented	-
S9.7	Pruning of tree canopies along the alignment of the flexible barriers shall be limited to a minimum.	Slope mitigation works area/ During construction	Contractor(s)		✓		Implemented	
S9.7	The alignment of flexible barriers shall be optimized to preserve all species of conservation interest and minimize the impact to the existing vegetation as far as practicable. All individuals of <i>Marsdenia lachnostoma</i> within the slope mitigation areas shall be retained <i>in-situ</i> , by positioning the alignment of flexible barrier at a minimum 1.5m in a radius away from these individuals.	Slope mitigation works area/ During detailed design/ During construction	Contractor(s)	✓	✓		N/A	-
S9.7 and 9.10	At the detailed design stage prior to the commencement of the slope mitigation works, a vegetation survey shall be carried out at the slope mitigation areas within the Clear Water Bay Country Park to assess the condition and identify the location of each individual of <i>Marsdenia lachnostoma</i> and other flora species of conservation interest that may be directly affected by the construction works.	Slope mitigation works area/ During detailed design/ During construction	Contractor(s)	✓	✓		Implemented	-
S9.7	Temporary fencing will be installed to fence off the concerned species either in groups of individually within the works area and in the close proximity to prevent from being damaged and disturbed during construction. A sign identifying the site shall be attached to the fence and flagging tape shall be attached to the individuals to visualize their locations.	Slope mitigation works area/ During construction	Contractor(s)		✓		N/A	-

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S9.7 and S9.10	A specification for fencing and demarcating individuals of <i>Marsdenia lachnostoma</i> (or other flora species of conservation interest, if found) adjacent to the proposed alignment of the flexible barriers will be prepared to protect the species.	Slope mitigation works area/ During construction	Contractor(s)		✓		N/A	-
S9.7	Induction training shall also be provided to all site personnel in order to brief them on this flora of conservation interest including the locations and their importance.	Slope mitigation works area/ During construction	Contractor(s)		✓		N/A	-
S9.7	The resident site supervisory staff will closely monitor the conditions of concerned individuals during construction of flexible barriers in the close proximity.	Slope mitigation works area/ During construction	Contractor(s)		✓		N/A	-
S9.7	Erect fences along the boundary of the works area before the commencement of works to prevent vehicle movements and encroachment of personnel onto adjacent areas.	All area/ During construction	Contractor(s)		✓		Implemented	-
S9.7	Regularly check the work site boundaries to ensure that they are not breached and that damage does not occur to surrounding areas.	All area/ During construction	Contractor(s)/ Environmental Team (ET)		✓		Implemented	-
S9.7	Avoid any damage and disturbance, particularly those caused by filling and illegal dumping, to the surrounding habitats through proper management of waste disposal.	All area/ During construction	Contractor(s)		✓		Implemented	-
S9.7	Reinstate temporarily affected areas, particularly the habitats of plantation and shrubland-grassland immediately after completion of construction works, through on-site tree/shrub planting. The tree/shrub species will be chosen with reference to those in the surrounding area.	All area/ During construction	Contractor(s)		✓		N/A	-
S9.7	Affected habitats within the Clear Water Bay Country Bay shall be reinstated by hydro-seeding and planting of climbers and native shrub seedlings where practical upon completion of the slope mitigation works.	All area/ During construction	Contractor(s)		✓		N/A	-

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<b>Landscape &amp; Visual</b>								
S11.10 & 11.11	The construction area and area allowed for temporary structures, such as the contractor's office, will be minimized to a practical minimum. (MM1)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented	-
S11.10 & 11.11	At the detailed design stage, the design team will seek to minimize the landscape footprint of the Project and above ground facilities, while satisfying all other requirements. (MM2)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented	-
S11.10 & 11.11	Design principles will be adopted to take into account the surrounding area, particularly Clear Water Bay Country Park behind and the nearby waterfront, with due consideration given to: - green roofs where practical (ie without equipment on the roof); - roadside planting; - aesthetic treatment of all structures; - vertical greening; screen planting along application site; and - landscape enhancement with amenity planting where practical including planting along the edge (site boundary) fence with native shrubs where feasible, - to reduce their visual impact and blend them into the surrounding landscape. (MM3)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented	-
S11.10 & 11.11	All trees within the Project Site or the potential slope mitigation works area will be carefully protected during construction according to DEVB TCW No. 10/2013 – Tree Preservation (MM4)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented.	ETWB TCW No. 3/2006 - Tree Preservation.
S11.10 & 11.11	No tree within the Country Park will be felled. Trees within the Site unavoidably affected by the works will be transplanted where necessary and practical. For trees that need to be felled, compensatory planting will be provided to the satisfaction of relevant Government departments. A compensatory tree planting proposal including locations of tree compensation will be submitted to seek relevant government department's approval, in accordance with DEVB TC(W) No. 10/2013.	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented	DEVB TC(W) No. 10/2013



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	(MM5)							
S11.10 & 11.11	Any slope mitigation works necessary to address natural terrain hazards, will be minimized to minimize any potential environmental impact to the Country Park e.g. soil nailing and rock stabilization will aim to avoid existing trees e.g. should any restoration of vegetation be necessary, the best planting matrix with native species will be established, with the aim of resembling the existing vegetation. (MM6)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	N/A	
S11.10 & 11.11	Dredging works for the installation of intake structures and outfall diffusers should be minimized to avoid or reduce any potential environmental impacts to as low as reasonably practicable (ALARP). The intake and outfall structures (e.g. intake openings and diffuser heads) will be prefabricated and transferred to site for installation. (MM7)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	N/A	
S11.10 & 11.11	All night-time lighting will be reduced to a practical minimum both in terms of number of level and will be hooded and directional. (MM8) units and lux level and will be hooded and directional. (MM8)	All area/ Detailed design/ During construction/ During operation	WSD/ Contractor(s)	✓	✓	✓	Implemented	-

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<b>Landfill Gas Hazard</b>								
S12.7	During all works, safety procedures should be implemented to minimise the risks of fires and explosions, asphyxiation of workers and toxicity effects resulting from contact with contaminated soil and groundwater.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	-
S12.7	During trenching and excavation as well as creation of confined spaces at near to or below ground level, precautions should be clearly laid down and rigidly Gas detection equipment and appropriate breathing apparatus should be available and used when entering confined spaces or trenches deeper than 1 metre.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	The Contractor should make the workers are aware of potential hazards of working in confined spaces (any chamber, manhole or culvert which is large enough to permit access to personnel). Such work in confined spaces is controlled by the Factories and Industrial Undertakings (Confined Spaces) Regulations of the Factories and Industrial Undertakings Ordinance. Following the Safety Guide to Working in Confined Spaces ensures compliance with the above regulations.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	Safety officers, specifically trained with regard to landfill gas and leachate related hazards and the appropriate actions to take in adverse circumstances, should be present on the site throughout the works, in particular, when works are undertaken below grade.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	All personnel who work on site and all visitors to the site should be made aware of the possibility of ignition of gas in the vicinity of the works, the possible presence of contaminated water and the need to avoid physical contact with it.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	Monitoring for landfill gas should be undertaken in all excavations, manholes, chambers (particularly during pipe jacking) and any confined spaces through the use of an intrinsically safe portable instrument, appropriately calibrated and capable of measuring the concentrations of methane, carbon dioxide and oxygen.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	

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				D	C	O		
S12.7	Monitoring frequency and areas to be monitored should be specified prior to commencement of groundwork, either by the Safety Officer, or by an appropriately qualified person. All measurements should be recorded and documented.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	Proceed drilling with adequate care and precautions against the potential hazards which may be encountered.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	Prior to the commencement of the site works, the drilling contractor should devise a 'method-of- working' statement covering all normal and emergency procedures (including but not limited to number of operatives, experience and special skills of operatives, normal method of operations, emergency procedures, supervisors responsibilities, storage and use of safety equipment, safety procedures and signs, barriers and guarding). The site supervisor and all operatives must be familiar with this statement.	All area/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	
S12.7	Where below ground service entries are necessary to the Incoming Switchgear Room, 132 kV Substation and Chlorine Store (I) and (II), the entry point should be sealed to prevent gas entry. In addition, any below grade cable trenches entering the Incoming Switchgear Room and 132 kV Substation can become the pathway for landfill gas and hence gridded metal covers should be used.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	N/A	
S12.7	It is recommended regular landfill gas monitoring should be carried out at the Incoming Switchgear Room, 132 kV Substation and Chlorine Store (I) and (II). The monitoring frequency will be monthly for the first year of operation. If the monitoring results show no sign of landfill gas migration, reduce the monitoring frequency to once every six months.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	N/A	
S12.7	The manholes and utility pits within the Project Site and along the fresh water mains. Each manhole/ utility pit should be monitored with two measurements (at mid depth and base). Each measurement should be	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	

**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



EIA Reference	Recommended Environmental Protection Measures/ Mitigation Measures	Objectives of the recommended measures & main concerns to address	Implementation Agent	Implementation Stage			Implementation Status	Relevant Legislation & Guidelines
				D	C	O		
	monitored for a minimum of 10 minutes. A steady reading and peak reading should be recorded at each manhole/ utility pit and for each measurement. The need for venting the manhole/ utility pit and further monitoring will be reviewed after the initial monitoring.							
S12.7	All construction, operation and maintenance personnel working on-site as well as visitors should be made aware of the hazards of landfill gas and its possible presence on-site. This should be achieved through a combination of posting warning signs in prominent places and also by access to detailed information on landfill gas hazards and the designs and procedural means by which these hazards are being minimised on-site.	All area/ Detailed design/ During construction/ During operation	Contractor(s)	✓	✓	✓	Implemented	

Note: D – Design stage C – Construction O – Operation



## Appendix G

# Action and Limit Level for Noise and Landfill Gas

**Action/ Limit Level for Noise Monitoring**

<b>Time Period</b>	<b>Action</b>	<b>Limit (dB(A))</b>
0700-1900 on normal weekdays	When one documented complaint is received from any one of the noise sensitive receivers	<ul style="list-style-type: none"><li>• 70 dB(A) for school and</li><li>• 65 dB(A) during examination period</li></ul>
Notes: (a) Limits specified in the GW-TM and IND-TM for construction and operation noise, respectively.		

**Action Level for Landfill Gas Monitoring Equipment**

<b>Parameters</b>	<b>Level</b>
Oxygen (O <sub>2</sub> )	Action Level < 19% O <sub>2</sub>  Limit Level < 19% O <sub>2</sub>
Methane (CH <sub>4</sub> )	Action Level >10% LEL  Limit Level >20% LEL
Carbon Dioxide (CO <sub>2</sub> )	Action Level >0.5% CO <sub>2</sub> Limit Level >1.5% CO <sub>2</sub>

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# Appendix H

## Landfill Gas Monitoring Results



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
3/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	24	1014	PGM-2500P (QRAE III)	
3/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	23	1011	PGM-2500P (QRAE III)	
3/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	23	1011	PGM-2500P (QRAE III)	
3/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	24	1012	PGM-2500P (QRAE III)	
3/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	24	1012	PGM-2500P (QRAE III)	
3/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	24	1012	PGM-2500P (QRAE III)	
3/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	24	1011	PGM-2500P (QRAE III)	
3/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	24	1011	PGM-2500P (QRAE III)	
3/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	24	1011	PGM-2500P (QRAE III)	
3/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	24	1011	PGM-2500P (QRAE III)	
3/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
3/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	23	1011	PGM-2500P (QRAE III)	
3/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	23	1011	PGM-2500P (QRAE III)	
3/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	23	1014	PGM-2500P (QRAE III)	
3/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	23	1011	PGM-2500P (QRAE III)	
3/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	23	1013	PGM-2500P (QRAE III)	
3/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	23	1011	PGM-2500P (QRAE III)	
3/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	23	1013	PGM-2500P (QRAE III)	
3/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	23	1011	PGM-2500P (QRAE III)	
4/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	25	1012	PGM-2500P (QRAE III)	
4/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
4/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
4/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	25	1012	PGM-2500P (QRAE III)	
4/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
4/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
4/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	
4/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
4/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	
4/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
4/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	
4/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
4/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	26	1011	PGM-2500P (QRAE III)	
4/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
4/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	
4/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
4/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	
4/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
4/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	1011	PGM-2500P (QRAE III)	
4/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
4/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
4/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
4/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
4/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
4/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
4/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
4/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
4/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
4/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
4/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
5/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	27	1014	PGM-2500P (QRAE III)	
5/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	
5/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
5/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	27	1014	PGM-2500P (QRAE III)	
5/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	
5/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
5/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	27	1013	PGM-2500P (QRAE III)	
5/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	
5/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	27	1013	PGM-2500P (QRAE III)	
5/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	
5/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	27	1013	PGM-2500P (QRAE III)	
5/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
5/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	27	1013	PGM-2500P (QRAE III)	
5/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
5/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	27	1013	PGM-2500P (QRAE III)	
5/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
5/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	28	1013	PGM-2500P (QRAE III)	
5/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
5/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	28	1013	PGM-2500P (QRAE III)	
5/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
5/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	28	1013	PGM-2500P (QRAE III)	
5/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	29	101	PGM-2500P (QRAE III)	
5/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	28	1013	PGM-2500P (QRAE III)	
5/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
5/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	1013	PGM-2500P (QRAE III)	
5/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
5/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
5/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
5/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
5/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
6/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	23	1018	PGM-2500P (QRAE III)	
6/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	27	1018	PGM-2500P (QRAE III)	
6/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	25	1013	PGM-2500P (QRAE III)	
6/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	23	1018	PGM-2500P (QRAE III)	
6/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	27	1018	PGM-2500P (QRAE III)	
6/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	25	1013	PGM-2500P (QRAE III)	
6/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	23	1018	PGM-2500P (QRAE III)	
6/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	27	1015	PGM-2500P (QRAE III)	
6/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	23	1018	PGM-2500P (QRAE III)	
6/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	27	1015	PGM-2500P (QRAE III)	
6/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	23	1018	PGM-2500P (QRAE III)	
6/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	26	1014	PGM-2500P (QRAE III)	
6/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	24	1018	PGM-2500P (QRAE III)	
6/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	26	1014	PGM-2500P (QRAE III)	
6/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	24	1018	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
6/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	26	1014	PGM-2500P (QRAE III)	
6/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	24	1018	PGM-2500P (QRAE III)	
6/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	26	1014	PGM-2500P (QRAE III)	
6/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	24	1018	PGM-2500P (QRAE III)	
6/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	26	1014	PGM-2500P (QRAE III)	
6/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	24	1018	PGM-2500P (QRAE III)	
6/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	26	1014	PGM-2500P (QRAE III)	
6/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	25	1018	PGM-2500P (QRAE III)	
6/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	25	1014	PGM-2500P (QRAE III)	
6/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	25	1018	PGM-2500P (QRAE III)	
6/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	25	1014	PGM-2500P (QRAE III)	
6/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	25	1018	PGM-2500P (QRAE III)	
6/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	25	1014	PGM-2500P (QRAE III)	
6/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	25	1018	PGM-2500P (QRAE III)	
6/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	25	1014	PGM-2500P (QRAE III)	
7/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	27	1016	PGM-2500P (QRAE III)	
7/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	28	1013	PGM-2500P (QRAE III)	
7/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
7/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	27	1016	PGM-2500P (QRAE III)	
7/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	28	1013	PGM-2500P (QRAE III)	
7/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
7/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	27	1015	PGM-2500P (QRAE III)	
7/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	28	1013	PGM-2500P (QRAE III)	
7/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	27	1015	PGM-2500P (QRAE III)	
7/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	28	1013	PGM-2500P (QRAE III)	
7/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	27	1015	PGM-2500P (QRAE III)	
7/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
7/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	27	1015	PGM-2500P (QRAE III)	
7/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
7/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	27	1015	PGM-2500P (QRAE III)	
7/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
7/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	27	1016	PGM-2500P (QRAE III)	
7/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
7/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	1016	PGM-2500P (QRAE III)	
7/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
7/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	27	1016	PGM-2500P (QRAE III)	
7/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
7/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	28	1015	PGM-2500P (QRAE III)	
7/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
7/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	1015	PGM-2500P (QRAE III)	
7/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
7/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	1015	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
7/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
7/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	1015	PGM-2500P (QRAE III)	
7/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
8/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	
8/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
8/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
8/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	26	1012	PGM-2500P (QRAE III)	
8/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
8/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
8/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	
8/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
8/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	
8/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
8/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	27	1012	PGM-2500P (QRAE III)	
8/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
8/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
8/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
8/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
8/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
8/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
8/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
8/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
8/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
8/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
8/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
8/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
8/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
8/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
8/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
8/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
8/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
8/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
8/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
10/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
10/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
10/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
10/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
10/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
10/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
10/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
10/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
10/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
10/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
10/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
10/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
10/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
10/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
10/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
10/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
10/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	28	1011	PGM-2500P (QRAE III)	
10/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
10/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
10/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
10/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
10/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
10/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
10/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
10/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
10/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
10/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
10/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
11/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
11/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
11/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
11/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
11/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
11/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
11/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
11/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
11/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
11/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
11/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
11/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
11/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
11/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
11/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
11/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
11/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
11/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
11/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
11/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
11/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
11/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
11/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
11/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
11/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	3	1010	PGM-2500P (QRAE III)	
11/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
11/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
11/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
12/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	
12/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
12/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
12/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
12/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
12/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
12/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
12/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
12/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
12/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
12/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
12/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
12/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
12/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
12/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
12/5/2021	WPR1	1.5	10:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
12/5/2021	WPR1	1.5	15:15	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
12/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
12/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
12/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
12/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
12/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
12/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
12/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
12/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
12/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
12/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
13/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
13/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
13/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
13/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
13/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
13/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
13/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	27	1010	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
13/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
13/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
13/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
13/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
13/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
13/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
13/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
13/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
13/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
13/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
13/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
13/5/2021	WPR1	1.5	10:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
13/5/2021	WPR1	1.5	15:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
13/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
13/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
13/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
13/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
13/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
13/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
13/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
13/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
13/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
13/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
14/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
14/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
14/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
14/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
14/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
14/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
14/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
14/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
14/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
14/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
14/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
14/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
14/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
14/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
14/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
14/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	10008	PGM-2500P (QRAE III)	
14/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
14/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
14/5/2021	WPR1	1.5	10:15	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
14/5/2021	WPR1	1.5	15:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
14/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
14/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
14/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
14/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
14/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
14/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
14/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
14/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
14/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
14/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
15/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
15/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
15/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
15/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
15/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
15/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
15/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
15/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
15/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
15/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
15/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
15/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
15/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
15/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
15/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
15/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
15/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
15/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
15/5/2021	WPR1	0.6	10:15	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
15/5/2021	WPR1	0.6	15:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
15/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
15/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
15/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
15/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
15/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
15/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
15/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
15/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
15/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
15/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
17/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
17/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1011	PGM-2500P (QRAE III)	
17/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
17/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
17/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
17/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
17/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
17/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
17/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
17/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
17/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
17/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
17/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
17/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
17/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
17/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
17/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
17/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
17/5/2021	WPR1	0.6	10:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
17/5/2021	WPR1	0.6	15:15	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
17/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
17/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
17/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
17/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
17/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
17/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
17/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
17/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
17/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
17/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
18/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
18/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
18/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
18/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
18/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
18/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
18/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
18/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
18/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
18/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
18/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
18/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
18/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
18/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
18/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
18/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
18/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
18/5/2021	WPR1	0.6	10:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
18/5/2021	WPR1	0.6	15:15	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
18/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
18/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
18/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
18/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
18/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
18/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
18/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1010	PGM-2500P (QRAE III)	
18/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
20/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
20/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
20/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
20/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
20/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
20/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
20/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
20/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
20/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
20/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
20/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
20/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
20/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
20/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
20/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
20/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
20/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
20/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
20/5/2021	WPR1	0.6	10:15	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
20/5/2021	WPR1	0.6	15:15	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
20/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
20/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
20/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
20/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
20/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
20/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
20/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
20/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
20/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
20/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
21/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
21/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
21/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
21/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
21/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
21/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
21/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
21/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
21/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
21/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
21/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
21/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
21/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
21/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
21/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
21/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
21/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
21/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
21/5/2021	WPR1	0.6	10:15	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
21/5/2021	WPR1	0.6	15:15	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
21/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
21/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
21/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
21/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
21/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
21/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
21/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
21/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
21/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
21/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
22/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
22/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
22/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
22/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
22/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
22/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
22/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
22/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
22/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
22/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
22/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
22/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	
22/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
22/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	
22/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
22/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1005	PGM-2500P (QRAE III)	
22/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
22/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
22/5/2021	WPR1	0.6	10:15	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
22/5/2021	WPR1	0.6	15:15	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
22/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
22/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
22/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
22/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
22/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
22/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
22/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
22/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
22/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
22/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
24/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
24/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
24/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
24/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
24/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	27	1009	PGM-2500P (QRAE III)	
24/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
24/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
24/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	
24/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
24/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	
24/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
24/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	
24/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
24/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	
24/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
24/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	
24/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
24/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	
24/5/2021	WPR1	0.6	10:15	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
24/5/2021	WPR1	0.6	15:15	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
24/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
24/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
24/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
24/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
24/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
24/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
24/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
24/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
24/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
24/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
25/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
25/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
25/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
25/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
25/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
25/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
25/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
25/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
25/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
25/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
25/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
25/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	28	1010	PGM-2500P (QRAE III)	
25/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
25/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	
25/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
25/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	
25/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
25/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	
25/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
25/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	
25/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
25/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	
25/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
25/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	
25/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
25/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	
25/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
25/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	
25/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
25/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	
26/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
26/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
26/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	100	PGM-2500P (QRAE III)	
26/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
26/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
26/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
26/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
26/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
26/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
26/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
26/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
26/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	
26/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
26/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
26/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
26/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
26/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
26/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
26/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
26/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
26/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
26/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
26/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
26/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
26/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
26/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
26/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
26/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
26/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
26/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
27/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
27/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
27/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
27/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
27/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
27/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
27/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
27/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
27/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
27/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
27/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
27/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
27/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
27/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
27/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
27/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
27/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
27/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
27/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
27/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
27/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
27/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
27/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
27/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
27/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
27/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
27/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
27/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
27/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
27/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
28/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	
28/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
28/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
28/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
28/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
28/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
28/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
28/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
28/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
28/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
28/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
28/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
28/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
28/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
28/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
28/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
28/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
28/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
28/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
28/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
28/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
28/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
28/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
28/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
28/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
28/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
28/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
28/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
28/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
28/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
29/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
29/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
29/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
29/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
29/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
29/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
29/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
29/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
29/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
29/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
29/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
29/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
29/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
29/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
29/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
29/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
29/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
29/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
29/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
29/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
29/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
29/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
29/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
29/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
29/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
29/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
29/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
29/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
29/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
29/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
31/5/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
31/5/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
31/5/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1003	PGM-2500P (QRAE III)	
31/5/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
31/5/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
31/5/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1003	PGM-2500P (QRAE III)	
31/5/2021	CHFC 4+50	2.5	8:55	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
31/5/2021	CHFC 4+50	2.5	13:55	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
31/5/2021	CHFC O+90	2.5	9:00	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
31/5/2021	CHFC O+90	2.5	14:00	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
31/5/2021	Pit C	8	9:15	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
31/5/2021	Pit C	8	14:15	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
31/5/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
31/5/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1003	PGM-2500P (QRAE III)	
31/5/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
31/5/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1003	PGM-2500P (QRAE III)	
31/5/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
31/5/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1003	PGM-2500P (QRAE III)	
31/5/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
31/5/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1003	PGM-2500P (QRAE III)	
31/5/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
31/5/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1003	PGM-2500P (QRAE III)	
31/5/2021	WPR4	4	10:35	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
31/5/2021	WPR4	4	15:35	Fine	0	0	0	20.9	32	1003	PGM-2500P (QRAE III)	
31/5/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
31/5/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1003	PGM-2500P (QRAE III)	
31/5/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
31/5/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1003	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
31/5/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
31/5/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1003	PGM-2500P (QRAE III)	
1/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	26	1007	PGM-2500P (QRAE III)	
1/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
1/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	26	1007	PGM-2500P (QRAE III)	
1/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
1/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
1/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
1/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
1/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
1/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
1/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	27	1008	PGM-2500P (QRAE III)	
1/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
1/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	27	1008	PGM-2500P (QRAE III)	
1/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
1/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
1/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
1/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
1/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
1/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
2/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	26	1008	PGM-2500P (QRAE III)	
2/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
2/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
2/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	26	1008	PGM-2500P (QRAE III)	
2/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
2/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
2/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
2/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
2/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
3/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
3/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
3/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
3/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
3/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
3/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
3/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
3/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
3/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	10007	PGM-2500P (QRAE III)	
3/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
3/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
3/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
3/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
3/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
3/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
3/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
3/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
3/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
4/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
4/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
4/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	1003	PGM-2500P (QRAE III)	
4/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
4/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
4/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	1003	PGM-2500P (QRAE III)	
4/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	10004	PGM-2500P (QRAE III)	
4/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
4/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
4/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
4/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
4/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
4/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
4/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
4/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
4/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
4/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
4/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
4/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
4/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
4/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	28	104	PGM-2500P (QRAE III)	
4/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
4/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
4/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
4/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
4/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
4/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	10004	PGM-2500P (QRAE III)	
4/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
4/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
4/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
5/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	26	1005	PGM-2500P (QRAE III)	
5/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	28	10004	PGM-2500P (QRAE III)	
5/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	1003	PGM-2500P (QRAE III)	
5/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	26	1005	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
5/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
5/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	1003	PGM-2500P (QRAE III)	
5/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
5/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
5/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
5/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
5/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
5/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
5/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
5/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
5/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
5/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
5/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
5/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
5/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
5/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
5/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
5/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
5/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
5/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
5/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
5/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
5/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
5/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
5/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	27	1005	PGM-2500P (QRAE III)	
5/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
7/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	26	1007	PGM-2500P (QRAE III)	
7/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
7/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
7/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	26	1008	PGM-2500P (QRAE III)	
7/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
7/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
7/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
7/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
7/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
7/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
7/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
7/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
7/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
7/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
7/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
7/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
7/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
7/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
7/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
8/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
8/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
8/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
8/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
8/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
8/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
8/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
8/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
8/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
8/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
8/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
8/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
8/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
8/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
8/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
8/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
8/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
8/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
8/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
8/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
8/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
8/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
8/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
8/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
8/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
8/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	29	1009	PGM-2500P (QRAE III)	
8/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
8/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
8/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
8/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
9/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	26	1008	PGM-2500P (QRAE III)	
9/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
9/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
9/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	26	1008	PGM-2500P (QRAE III)	
9/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
9/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
9/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
9/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
9/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
9/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
9/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
9/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
9/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
9/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
9/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
9/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
9/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
9/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
9/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
9/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
9/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
9/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
9/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
9/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
9/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
9/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
9/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
9/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
9/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
9/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
10/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	
10/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
10/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	29	1003	PGM-2500P (QRAE III)	
10/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	
10/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
10/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	29	1003	PGM-2500P (QRAE III)	
10/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
10/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
10/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
10/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
10/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
10/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
10/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
10/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
10/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
10/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
10/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
10/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
10/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
10/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
10/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
10/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
10/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
10/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
10/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
10/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
10/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
10/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
10/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
10/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
11/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
11/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
11/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
11/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
11/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
11/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
11/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
11/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
11/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
11/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
11/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
11/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
11/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
11/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
11/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
11/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
11/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
11/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
11/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	
11/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
11/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
11/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
11/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
11/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
11/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
11/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
11/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
11/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
11/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
11/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
12/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
12/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	28	1009	PGM-2500P (QRAE III)	
12/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
12/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	
12/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	
12/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
12/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
12/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	10008	PGM-2500P (QRAE III)	
12/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
12/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
12/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
12/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
12/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
12/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
12/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
12/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
12/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
12/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
12/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
12/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
15/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
15/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
15/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
15/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1003	PGM-2500P (QRAE III)	
15/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
15/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
15/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1003	PGM-2500P (QRAE III)	
15/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
15/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
15/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
15/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
15/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
15/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
15/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
15/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
15/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
15/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
15/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
15/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
15/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
15/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
15/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
15/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
15/6/2021	WPR4	4	10:35	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
15/6/2021	WPR4	4	15:35	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
15/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
15/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
15/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
15/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
15/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
15/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
16/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
16/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
16/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
16/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
16/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
16/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
16/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
16/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
16/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
16/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
16/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
16/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	
16/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
16/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1006	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
16/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
16/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
16/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
16/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
16/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
16/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
16/6/2021	WPR4	0.6	10:35	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
16/6/2021	WPR4	0.6	15:35	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
16/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
16/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
16/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	333	1005	PGM-2500P (QRAE III)	
16/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
16/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
16/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
17/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
17/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
17/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
17/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1008	PGM-2500P (QRAE III)	
17/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
17/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
17/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
17/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
17/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
17/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
17/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
17/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
17/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
17/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
17/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
17/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
17/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
17/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
17/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
17/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
17/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
17/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
17/6/2021	WPR4	0.6	10:35	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
17/6/2021	WPR4	0.6	15:35	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
17/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
17/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
17/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
17/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
17/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
17/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
18/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
18/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
18/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
18/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
18/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
18/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
18/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
18/6/2021	WPR2	2.8	10:25	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/6/2021	WPR2	2.8	15:25	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	WPR4	0.6	10:35	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/6/2021	WPR4	0.6	15:35	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
18/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
18/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
18/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
19/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
19/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1002	PGM-2500P (QRAE III)	
19/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
19/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1002	PGM-2500P (QRAE III)	
19/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
19/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	WPR2	0.3	10:25	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	WPR2	0.3	15:25	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	WPR4	0.4	10:35	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	WPR4	0.4	15:35	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
19/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
19/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1004	PGM-2500P (QRAE III)	
21/6/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
21/6/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	32	10003	PGM-2500P (QRAE III)	
21/6/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
21/6/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
21/6/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	32	1003	PGM-2500P (QRAE III)	
21/6/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
21/6/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	
21/6/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	
21/6/2021	Pit C	8	9:15	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	Pit C	8	14:15	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	
21/6/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	
21/6/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	
21/6/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	
21/6/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	
21/6/2021	WPR2	0.3	10:25	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	WPR2	0.3	15:25	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
21/6/2021	WPR4	0.4	10:35	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	WPR4	0.4	15:35	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	
21/6/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	
21/6/2021	Pit A	5	10:55	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	Pit A	5	15:55	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	
21/6/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	31	1004	PGM-2500P (QRAE III)	
21/6/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	32	1002	PGM-2500P (QRAE III)	
22/6/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	24	1006	PGM-2500P (QRAE III)	
22/6/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	26	1005	PGM-2500P (QRAE III)	
22/6/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
22/6/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	24	1006	PGM-2500P (QRAE III)	
22/6/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	26	1005	PGM-2500P (QRAE III)	
22/6/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
22/6/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
22/6/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
22/6/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
22/6/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
22/6/2021	Pit C	8	9:15	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
22/6/2021	Pit C	8	14:15	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
22/6/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
22/6/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
22/6/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
22/6/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
22/6/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
22/6/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
22/6/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
22/6/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
22/6/2021	WPR2	0.3	10:25	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
22/6/2021	WPR2	0.3	15:25	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
22/6/2021	WPR4	0.4	10:35	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
22/6/2021	WPR4	0.4	15:35	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
22/6/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
22/6/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
22/6/2021	Pit A	5	10:55	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
22/6/2021	Pit A	5	15:55	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
22/6/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
22/6/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
23/6/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	
23/6/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	25	1006	PGM-2500P (QRAE III)	
23/6/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	25	1005	PGM-2500P (QRAE III)	
23/6/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
23/6/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	25	1006	PGM-2500P (QRAE III)	
23/6/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	25	1005	PGM-2500P (QRAE III)	
23/6/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
23/6/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
23/6/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
23/6/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
23/6/2021	Pit C	8	9:15	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
23/6/2021	Pit C	8	14:15	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
23/6/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
23/6/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
23/6/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
23/6/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
23/6/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
23/6/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
23/6/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
23/6/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
23/6/2021	WPR2	0.3	10:25	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
23/6/2021	WPR2	0.3	15:25	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
23/6/2021	WPR4	0.4	10:35	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
23/6/2021	WPR4	0.4	15:35	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
23/6/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
23/6/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
23/6/2021	Pit A	5	10:55	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
23/6/2021	Pit A	5	15:55	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
23/6/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
23/6/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
24/6/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	25	1006	PGM-2500P (QRAE III)	
24/6/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	25	1005	PGM-2500P (QRAE III)	
24/6/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	26	1004	PGM-2500P (QRAE III)	
24/6/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	25	1006	PGM-2500P (QRAE III)	
24/6/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	25	1005	PGM-2500P (QRAE III)	
24/6/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	26	1004	PGM-2500P (QRAE III)	
24/6/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	26	1005	PGM-2500P (QRAE III)	
24/6/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	Pit C	8	9:15	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	Pit C	8	14:15	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	26	1007	PGM-2500P (QRAE III)	
24/6/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
24/6/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	WPR2	0.3	10:25	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	WPR2	0.3	15:25	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	WPR4	0.4	10:35	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	WPR4	0.4	15:35	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	Pit A	5	10:55	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	Pit A	5	15:55	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
24/6/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	26	1006	PGM-2500P (QRAE III)	
25/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	
25/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	
25/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	27	1005	PGM-2500P (QRAE III)	
25/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
25/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	27	1006	PGM-2500P (QRAE III)	
25/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	27	1005	PGM-2500P (QRAE III)	
25/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
25/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
25/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
25/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
25/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
25/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
25/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
25/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
25/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
25/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
25/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
25/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
25/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
25/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
25/6/2021	WPR2	0.3	10:25	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
25/6/2021	WPR2	0.3	15:25	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
25/6/2021	WPR4	0.4	10:35	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
25/6/2021	WPR4	0.4	15:35	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
25/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
25/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
25/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
25/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
25/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	27	1007	PGM-2500P (QRAE III)	
25/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
26/6/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	25	1008	PGM-2500P (QRAE III)	
26/6/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	26	1007	PGM-2500P (QRAE III)	
26/6/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
26/6/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	25	1008	PGM-2500P (QRAE III)	
26/6/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	26	1007	PGM-2500P (QRAE III)	
26/6/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
26/6/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
26/6/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
26/6/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
26/6/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
26/6/2021	Pit C	8	9:15	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
26/6/2021	Pit C	8	14:15	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
26/6/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
26/6/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
26/6/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
26/6/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
26/6/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
26/6/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
26/6/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
26/6/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
26/6/2021	WPR2	0.3	10:25	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
26/6/2021	WPR2	0.3	15:25	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
26/6/2021	WPR4	0.4	10:35	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
26/6/2021	WPR4	0.4	15:35	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
26/6/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
26/6/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
26/6/2021	Pit A	5	10:55	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
26/6/2021	Pit A	5	15:55	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
26/6/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	28	1007	PGM-2500P (QRAE III)	
26/6/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
28/6/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	24	1006	PGM-2500P (QRAE III)	
28/6/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	26	1005	PGM-2500P (QRAE III)	
28/6/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
28/6/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	24	1006	PGM-2500P (QRAE III)	
28/6/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	26	1005	PGM-2500P (QRAE III)	
28/6/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
28/6/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
28/6/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
28/6/2021	Pit C	8	9:15	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	Pit C	8	14:15	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
28/6/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
28/6/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
28/6/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
28/6/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
28/6/2021	WPR2	0.3	10:25	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	WPR2	0.3	15:25	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
28/6/2021	WPR4	0.4	10:35	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	WPR4	0.4	15:35	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
28/6/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
28/6/2021	Pit A	5	10:55	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	Pit A	5	15:55	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
28/6/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	28	1006	PGM-2500P (QRAE III)	
28/6/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
29/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
29/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
29/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
29/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
29/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	29	1004	PGM-2500P (QRAE III)	
29/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
29/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
29/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
29/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
29/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
29/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
29/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
29/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
29/6/2021	WPR2	2	10:25	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	WPR2	2	15:25	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
29/6/2021	WPR4	0.4	10:35	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	WPR4	0.4	15:35	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
29/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
29/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
29/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
29/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
30/6/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
30/6/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
30/6/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
30/6/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
30/6/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
30/6/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
30/6/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
30/6/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
30/6/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	Pit C	8	9:15	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	Pit C	8	14:15	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
30/6/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
30/6/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
30/6/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
30/6/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	WPR4	0.4	10:35	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
30/6/2021	WPR4	0.4	15:35	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
30/6/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
30/6/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
30/6/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
2/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
2/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
2/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
2/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
2/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
2/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
2/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
2/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
2/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
2/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
2/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
2/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
2/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
2/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
2/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
2/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
2/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
2/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
3/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
3/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
3/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
3/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1007	PGM-2500P (QRAE III)	
3/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
3/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1005	PGM-2500P (QRAE III)	
3/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
3/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
3/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
3/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
3/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
3/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
3/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
3/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
3/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
3/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
3/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
3/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1005	PGM-2500P (QRAE III)	
5/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	
5/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
5/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
5/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	1008	PGM-2500P (QRAE III)	
5/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1007	PGM-2500P (QRAE III)	
5/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
5/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
5/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
5/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
5/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
5/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
5/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
5/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
5/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
5/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
5/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
5/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
5/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
5/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
5/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
5/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
5/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
5/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
5/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
5/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
5/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
5/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1008	PGM-2500P (QRAE III)	
5/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
6/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
6/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
6/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
6/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1006	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
6/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1006	PGM-2500P (QRAE III)	
6/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	1005	PGM-2500P (QRAE III)	
6/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
6/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
6/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
6/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
6/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
6/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
6/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
6/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
6/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
6/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
6/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
6/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
6/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
6/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
6/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
6/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
6/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
6/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
6/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
6/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
6/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
6/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	1005	PGM-2500P (QRAE III)	
7/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	27	1009	PGM-2500P (QRAE III)	
7/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
7/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
7/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	27	1009	PGM-2500P (QRAE III)	
7/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
7/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
7/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
7/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
7/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
7/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
7/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
7/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
7/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	10010	PGM-2500P (QRAE III)	
7/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
7/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
7/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
7/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
7/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
7/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
7/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
7/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
7/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
7/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
7/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
7/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
7/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
7/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
7/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
8/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
8/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	
8/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
8/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	1012	PGM-2500P (QRAE III)	
8/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	
8/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
8/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
8/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
8/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
8/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
8/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
8/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
8/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
8/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
8/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
8/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
8/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
8/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
8/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
8/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
8/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
8/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
8/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
8/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
8/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
8/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	101	PGM-2500P (QRAE III)	
8/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1012	PGM-2500P (QRAE III)	
8/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
9/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	
9/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
9/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
9/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1011	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
9/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
9/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
9/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
9/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
9/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
9/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
9/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
9/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
9/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
9/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
9/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
9/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
9/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
9/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
9/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
9/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
9/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
9/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
9/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
9/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
9/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
9/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
9/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	32	1011	PGM-2500P (QRAE III)	
9/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
10/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
10/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
10/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
10/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1010	PGM-2500P (QRAE III)	
10/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1010	PGM-2500P (QRAE III)	
10/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
10/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
10/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
10/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
10/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
10/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
10/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
10/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
10/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
10/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
10/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
10/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
10/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
10/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
10/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
10/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
10/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
10/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
10/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
10/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
10/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
10/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
10/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	
12/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	
12/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
12/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1012	PGM-2500P (QRAE III)	
12/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1010	PGM-2500P (QRAE III)	
12/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
12/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
12/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
12/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	Pit D	1	9:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
12/7/2021	Pit D	1	14:15	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
12/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
12/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
12/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
12/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
12/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
12/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
12/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
12/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
12/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1011	PGM-2500P (QRAE III)	
12/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1009	PGM-2500P (QRAE III)	
13/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
13/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
13/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
13/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
13/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	1008	PGM-2500P (QRAE III)	
13/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
13/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
13/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
13/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
13/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
13/7/2021	Pit D	1	9:15	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
13/7/2021	Pit D	1	14:15	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
13/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
13/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
13/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
13/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
13/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
13/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
13/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
13/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
13/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
13/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
13/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
13/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
13/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
13/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
13/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
13/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
13/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
13/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
14/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
14/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
14/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
14/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
14/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
14/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1006	PGM-2500P (QRAE III)	
14/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
14/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
14/7/2021	Pit D	1	9:15	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	Pit D	1	14:15	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
14/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
14/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
14/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
14/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
14/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
14/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
14/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
14/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
14/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
14/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	1007	PGM-2500P (QRAE III)	
15/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
15/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	
15/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
15/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	1009	PGM-2500P (QRAE III)	
15/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	1008	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
15/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
15/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
15/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
15/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
15/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
15/7/2021	Pit D	1	9:15	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
15/7/2021	Pit D	1	14:15	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
15/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
15/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
15/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
15/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
15/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
15/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
15/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
15/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
15/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
15/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
15/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
15/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	34	1007	PGM-2500P (QRAE III)	
15/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	32	1009	PGM-2500P (QRAE III)	
15/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	34	1009	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
15/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
15/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	34	1009	PGM-2500P (QRAE III)	
15/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	32	1007	PGM-2500P (QRAE III)	
15/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	34	1009	PGM-2500P (QRAE III)	
16/7/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
16/7/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
16/7/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
16/7/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	29	1010	PGM-2500P (QRAE III)	
16/7/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	30	1008	PGM-2500P (QRAE III)	
16/7/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
16/7/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
16/7/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/7/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
16/7/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/7/2021	Pit D	1	9:15	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
16/7/2021	Pit D	1	14:15	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/7/2021	Pit C	8	9:25	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
16/7/2021	Pit C	8	14:25	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/7/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
16/7/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/7/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
16/7/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/7/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
16/7/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/7/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
16/7/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/7/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
16/7/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/7/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
16/7/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/7/2021	Pit A	5	10:55	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
16/7/2021	Pit A	5	15:55	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
16/7/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	30	1009	PGM-2500P (QRAE III)	
16/7/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	30	1007	PGM-2500P (QRAE III)	
17/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
17/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
17/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	1005	PGM-2500P (QRAE III)	
17/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	1004	PGM-2500P (QRAE III)	
17/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	21	1006	PGM-2500P (QRAE III)	
17/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
17/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
17/7/2021	Pit D	1	9:15	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	Pit D	1	14:15	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
17/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
17/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
17/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
17/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
17/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
17/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
17/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
17/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	
17/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
17/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	29	1006	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
17/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	30	1004	PGM-2500P (QRAE III)	
19/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	26	1002	PGM-2500P (QRAE III)	
19/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	25	1002	PGM-2500P (QRAE III)	
19/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	25	1001	PGM-2500P (QRAE III)	
19/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	26	1002	PGM-2500P (QRAE III)	
19/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	25	1002	PGM-2500P (QRAE III)	
19/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	25	1001	PGM-2500P (QRAE III)	
19/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
19/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
19/7/2021	Pit D	1	9:15	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	Pit D	1	14:15	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
19/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
19/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
19/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
19/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
19/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
19/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
19/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
19/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
19/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
19/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
20/7/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	25	1003	PGM-2500P (QRAE III)	
20/7/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	24	1003	PGM-2500P (QRAE III)	
20/7/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	25	1001	PGM-2500P (QRAE III)	
20/7/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	25	1003	PGM-2500P (QRAE III)	
20/7/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	24	1002	PGM-2500P (QRAE III)	
20/7/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	25	1001	PGM-2500P (QRAE III)	
20/7/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
20/7/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	26	1001	PGM-2500P (QRAE III)	
20/7/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	26	10003	PGM-2500P (QRAE III)	
20/7/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	26	1001	PGM-2500P (QRAE III)	
20/7/2021	Pit D	1	9:15	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
20/7/2021	Pit D	1	14:15	Rain	0	0	0	20.9	26	1001	PGM-2500P (QRAE III)	
20/7/2021	Pit C	8	9:25	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
20/7/2021	Pit C	8	14:25	Rain	0	0	0	20.9	26	1001	PGM-2500P (QRAE III)	
20/7/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
20/7/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	26	1001	PGM-2500P (QRAE III)	
20/7/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
20/7/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	26	1001	PGM-2500P (QRAE III)	
20/7/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
20/7/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	26	1001	PGM-2500P (QRAE III)	
20/7/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
20/7/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
20/7/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
20/7/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	26	1001	PGM-2500P (QRAE III)	
20/7/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
20/7/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	26	1001	PGM-2500P (QRAE III)	
20/7/2021	Pit A	5	10:55	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
20/7/2021	Pit A	5	15:55	Rain	0	0	0	20.9	26	1001	PGM-2500P (QRAE III)	
20/7/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
20/7/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	26	1001	PGM-2500P (QRAE III)	
21/7/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
21/7/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
21/7/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
21/7/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	26	1003	PGM-2500P (QRAE III)	
21/7/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
21/7/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
21/7/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
21/7/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
21/7/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
21/7/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
21/7/2021	Pit D	1	9:15	Rain	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
21/7/2021	Pit D	1	14:15	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
21/7/2021	Pit C	8	9:25	Rain	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
21/7/2021	Pit C	8	14:25	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
21/7/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
21/7/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
21/7/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
21/7/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
21/7/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
21/7/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
21/7/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
21/7/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
21/7/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
21/7/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
21/7/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
21/7/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
21/7/2021	Pit A	5	10:55	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
21/7/2021	Pit A	5	15:55	Rain	0	0	0	20.9	27	1003	PGM-2500P (QRAE III)	
21/7/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	27	1004	PGM-2500P (QRAE III)	
21/7/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	27	1002	PGM-2500P (QRAE III)	
22/7/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	28	1002	PGM-2500P (QRAE III)	
22/7/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	31	1001	PGM-2500P (QRAE III)	
22/7/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
22/7/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	29	1002	PGM-2500P (QRAE III)	
22/7/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	31	1001	PGM-2500P (QRAE III)	
22/7/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
22/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	
22/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	
22/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	
22/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	
22/7/2021	Pit D	1	9:15	Fine	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	
22/7/2021	Pit D	1	14:15	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	
22/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	
22/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
22/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	
22/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	
22/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	
22/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	
22/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
22/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	
22/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	
22/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	
22/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	10002	PGM-2500P (QRAE III)	
22/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	
22/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	
22/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	
22/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	
22/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	
22/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1002	PGM-2500P (QRAE III)	
22/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	1000	PGM-2500P (QRAE III)	
23/7/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	
23/7/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
23/7/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	33	996	PGM-2500P (QRAE III)	
23/7/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	
23/7/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
23/7/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	33	996	PGM-2500P (QRAE III)	
23/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
23/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
23/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
23/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	999	PGM-2500P (QRAE III)	
23/7/2021	Pit D	1	9:15	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
23/7/2021	Pit D	1	14:15	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
23/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
23/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
23/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
23/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
23/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
23/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	999	PGM-2500P (QRAE III)	
23/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
23/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
23/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
23/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
23/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
23/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
23/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
23/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
23/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
23/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
23/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
23/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
24/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	26	998	PGM-2500P (QRAE III)	
24/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
24/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	996	PGM-2500P (QRAE III)	
24/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	26	998	PGM-2500P (QRAE III)	
24/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	997	PGM-2500P (QRAE III)	
24/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	996	PGM-2500P (QRAE III)	
24/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
24/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
24/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
24/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
24/7/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
24/7/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
24/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
24/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	32	999	PGM-2500P (QRAE III)	
24/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
24/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
24/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
24/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
24/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
24/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
24/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
24/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
24/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
24/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
24/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
24/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
24/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
24/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
24/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
24/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
26/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	
26/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
26/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	
26/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	
26/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
26/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	31	996	PGM-2500P (QRAE III)	
26/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	995	PGM-2500P (QRAE III)	
26/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	995	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
26/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
26/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	995	PGM-2500P (QRAE III)	
26/7/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
26/7/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	33	995	PGM-2500P (QRAE III)	
26/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
26/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	995	PGM-2500P (QRAE III)	
26/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
26/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	955	PGM-2500P (QRAE III)	
26/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
26/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	995	PGM-2500P (QRAE III)	
26/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
26/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	995	PGM-2500P (QRAE III)	
26/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
26/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	995	PGM-2500P (QRAE III)	
26/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
26/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	995	PGM-2500P (QRAE III)	
26/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
26/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	995	PGM-2500P (QRAE III)	
26/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
26/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	995	PGM-2500P (QRAE III)	
26/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
26/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	995	PGM-2500P (QRAE III)	
27/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	30	997	PGM-2500P (QRAE III)	
27/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	34	995	PGM-2500P (QRAE III)	
27/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	32	995	PGM-2500P (QRAE III)	
27/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	30	997	PGM-2500P (QRAE III)	
27/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	34	995	PGM-2500P (QRAE III)	
27/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	32	995	PGM-2500P (QRAE III)	
27/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	
27/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	
27/7/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	
27/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	
27/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	
27/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	
27/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
27/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	
27/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	
27/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	
27/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	
27/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	32	997	PGM-2500P (QRAE III)	
27/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	34	996	PGM-2500P (QRAE III)	
28/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
28/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	33	996	PGM-2500P (QRAE III)	
28/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	996	PGM-2500P (QRAE III)	
28/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	31	997	PGM-2500P (QRAE III)	
28/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	33	996	PGM-2500P (QRAE III)	
28/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	996	PGM-2500P (QRAE III)	
28/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	
28/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
28/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	
28/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
28/7/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
28/7/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
28/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	
28/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
28/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	
28/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
28/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	
28/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
28/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	
28/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
28/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	
28/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
28/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	
28/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
28/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	
28/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
28/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	
28/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
28/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	998	PGM-2500P (QRAE III)	
28/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	33	997	PGM-2500P (QRAE III)	
29/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	
29/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
29/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	
29/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	
29/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	29	999	PGM-2500P (QRAE III)	
29/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	28	998	PGM-2500P (QRAE III)	
29/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
29/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
29/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
29/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
29/7/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
29/7/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
29/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
29/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
29/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
29/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	1001	PGM-2500P (QRAE III)	
29/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	31	1001	PGM-2500P (QRAE III)	
29/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
29/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1011	PGM-2500P (QRAE III)	
29/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
29/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
29/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
29/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
29/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
29/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
29/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
29/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
29/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
29/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
29/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
30/7/2021	Area A	5.5	8:30	Rain	0	0	0	20.9	26	1002	PGM-2500P (QRAE III)	
30/7/2021	Area A	5.5	13:30	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	
30/7/2021	Area A	5.5	17:00	Rain	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	
30/7/2021	Area B	2.5	8:45	Rain	0	0	0	20.9	26	1002	PGM-2500P (QRAE III)	
30/7/2021	Area B	2.5	13:45	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	
30/7/2021	Area B	2.5	16:45	Rain	0	0	0	20.9	29	1000	PGM-2500P (QRAE III)	
30/7/2021	CHFC 8+38	2.5	8:55	Rain	0	0	0	20.9	29	1002	PGM-2500P (QRAE III)	
30/7/2021	CHFC 8+38	2.5	13:55	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	
30/7/2021	CHFC O+64	2.5	9:00	Rain	0	0	0	20.9	29	1002	PGM-2500P (QRAE III)	
30/7/2021	CHFC O+64	2.5	14:00	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	
30/7/2021	Pit D	2.5	9:15	Rain	0	0	0	20.9	29	1002	PGM-2500P (QRAE III)	
30/7/2021	Pit D	2.5	14:15	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
30/7/2021	Pit C	8	9:25	Rain	0	0	0	20.9	29	1002	PGM-2500P (QRAE III)	
30/7/2021	Pit C	8	14:25	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
30/7/2021	137 Pit C	7	9:45	Rain	0	0	0	20.9	29	1002	PGM-2500P (QRAE III)	
30/7/2021	137 Pit C	7	14:45	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	
30/7/2021	137 Pit B	8.6	9:55	Rain	0	0	0	20.9	29	1002	PGM-2500P (QRAE III)	
30/7/2021	137 Pit B	8.6	14:55	Rain	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
30/7/2021	137 Pit A	8.3	10:05	Rain	0	0	0	20.9	29	1002	PGM-2500P (QRAE III)	
30/7/2021	137 Pit A	8.3	15:05	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	
30/7/2021	WPR1	2.8	10:15	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	
30/7/2021	WPR1	2.8	15:15	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	
30/7/2021	WPR2	3.5	10:25	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	
30/7/2021	WPR2	3.5	15:25	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	
30/7/2021	WPR3	2.8	10:45	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	
30/7/2021	WPR3	2.8	15:45	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	
30/7/2021	Pit A	5	10:55	Rain	0	0	0	20.9	29	1001	PGM-2500P (QRAE III)	
30/7/2021	Pit A	5	15:55	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	
30/7/2021	Pit B	3.6	11:05	Rain	0	0	0	20.9	29	1002	PGM-2500P (QRAE III)	
30/7/2021	Pit B	3.6	16:05	Rain	0	0	0	20.9	30	1000	PGM-2500P (QRAE III)	
31/7/2021	Area A	5.5	8:30	Fine	0	0	0	20.9	27	1001	PGM-2500P (QRAE III)	
31/7/2021	Area A	5.5	13:30	Fine	0	0	0	20.9	31	1000	PGM-2500P (QRAE III)	
31/7/2021	Area A	5.5	17:00	Fine	0	0	0	20.9	30	998	PGM-2500P (QRAE III)	
31/7/2021	Area B	2.5	8:45	Fine	0	0	0	20.9	28	1001	PGM-2500P (QRAE III)	
31/7/2021	Area B	2.5	13:45	Fine	0	0	0	20.9	31	1000	PGM-2500P (QRAE III)	

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
31/7/2021	Area B	2.5	16:45	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
31/7/2021	CHFC 8+38	2.5	8:55	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
31/7/2021	CHFC 8+38	2.5	13:55	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
31/7/2021	CHFC O+64	2.5	9:00	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
31/7/2021	CHFC O+64	2.5	14:00	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
31/7/2021	Pit D	2.5	9:15	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
31/7/2021	Pit D	2.5	14:15	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
31/7/2021	Pit C	8	9:25	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
31/7/2021	Pit C	8	14:25	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
31/7/2021	137 Pit C	7	9:45	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
31/7/2021	137 Pit C	7	14:45	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
31/7/2021	137 Pit B	8.6	9:55	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
31/7/2021	137 Pit B	8.6	14:55	Fine	0	0	0	20.9	30	999	PGM-2500P (QRAE III)	
31/7/2021	137 Pit A	8.3	10:05	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
31/7/2021	137 Pit A	8.3	15:05	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
31/7/2021	WPR1	2.8	10:15	Fine	0	0	0	20.9	30	1001	PGM-2500P (QRAE III)	
31/7/2021	WPR1	2.8	15:15	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
31/7/2021	WPR2	3.5	10:25	Fine	0	0	0	20.9	31	1001	PGM-2500P (QRAE III)	
31/7/2021	WPR2	3.5	15:25	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
31/7/2021	WPR3	2.8	10:45	Fine	0	0	0	20.9	31	1001	PGM-2500P (QRAE III)	
31/7/2021	WPR3	2.8	15:45	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Weather Condition	Balance Gas(%)	Flammable gas (methane%)	Carbon Monoxide (%)	Oxygen (%)	Temp (C)	Pressure (m bar)	Measurement Equipment	Remarks
31/7/2021	Pit A	5	10:55	Fine	0	0	0	20.9	31	1001	PGM-2500P (QRAE III)	
31/7/2021	Pit A	5	15:55	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	
31/7/2021	Pit B	3.6	11:05	Fine	0	0	0	20.9	31	1001	PGM-2500P (QRAE III)	
31/7/2021	Pit B	3.6	16:05	Fine	0	0	0	20.9	31	999	PGM-2500P (QRAE III)	

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
3/5/2021	Area A	5.5	8:30	0.0416	MultiRAE Lite (PGM-6208)
3/5/2021	Area A	5.5	13:30	0.0417	MultiRAE Lite (PGM-6208)
3/5/2021	Area A	5.5	17:00	0.0420	MultiRAE Lite (PGM-6208)
3/5/2021	Area B	2.5	8:45	0.0418	MultiRAE Lite (PGM-6208)
3/5/2021	Area B	2.5	13:45	0.0420	MultiRAE Lite (PGM-6208)
3/5/2021	Area B	2.5	16:45	0.0420	MultiRAE Lite (PGM-6208)
3/5/2021	LF WF2	2.5	8:55	0.0411	MultiRAE Lite (PGM-6208)
3/5/2021	LF WF2	2.5	13:55	0.0419	MultiRAE Lite (PGM-6208)
3/5/2021	LF WF1	2.5	9:00	0.0415	MultiRAE Lite (PGM-6208)
3/5/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
3/5/2021	Pit C	8	9:20	0.0419	MultiRAE Lite (PGM-6208)
3/5/2021	Pit C	8	14:20	0.0417	MultiRAE Lite (PGM-6208)
3/5/2021	137 Pit C	7	9:35	0.0417	MultiRAE Lite (PGM-6208)
3/5/2021	137 Pit C	7	14:35	0.0422	MultiRAE Lite (PGM-6208)
3/5/2021	137 Pit B	8.6	9:45	0.0410	MultiRAE Lite (PGM-6208)
3/5/2021	137 Pit B	8.6	14:45	0.0417	MultiRAE Lite (PGM-6208)
3/5/2021	137 Pit A	8.3	9:55	0.0415	MultiRAE Lite (PGM-6208)
3/5/2021	137 Pit A	8.3	14:55	0.0411	MultiRAE Lite (PGM-6208)
3/5/2021	WPR1	2.8	10:05	0.0417	MultiRAE Lite (PGM-6208)
3/5/2021	WPR1	2.8	15:05	0.0416	MultiRAE Lite (PGM-6208)
3/5/2021	WPR2	2.8	10:15	0.0417	MultiRAE Lite (PGM-6208)
3/5/2021	WPR2	2.8	15:15	0.0414	MultiRAE Lite (PGM-6208)
3/5/2021	WPR4	4	10:25	0.0419	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
3/5/2021	WPR4	4	15:25	0.0411	MultiRAE Lite (PGM-6208)
3/5/2021	WPR3	2.8	10:45	0.0413	MultiRAE Lite (PGM-6208)
3/5/2021	WPR3	2.8	15:45	0.0418	MultiRAE Lite (PGM-6208)
3/5/2021	Pit A	5	10:55	0.0416	MultiRAE Lite (PGM-6208)
3/5/2021	Pit A	5	15:55	0.0414	MultiRAE Lite (PGM-6208)
3/5/2021	Pit B	3.6	11:05	0.0415	MultiRAE Lite (PGM-6208)
3/5/2021	Pit B	3.6	16:05	0.0415	MultiRAE Lite (PGM-6208)
4/5/2021	Area A	5.5	8:30	0.0417	MultiRAE Lite (PGM-6208)
4/5/2021	Area A	5.5	13:30	0.0416	MultiRAE Lite (PGM-6208)
4/5/2021	Area A	5.5	17:00	0.0422	MultiRAE Lite (PGM-6208)
4/5/2021	Area B	2.5	8:45	0.0415	MultiRAE Lite (PGM-6208)
4/5/2021	Area B	2.5	13:45	0.0430	MultiRAE Lite (PGM-6208)
4/5/2021	Area B	2.5	16:45	0.0415	MultiRAE Lite (PGM-6208)
4/5/2021	LF WF2	2.5	8:55	0.0420	MultiRAE Lite (PGM-6208)
4/5/2021	LF WF2	2.5	13:55	0.0412	MultiRAE Lite (PGM-6208)
4/5/2021	LF WF1	2.5	9:00	0.0418	MultiRAE Lite (PGM-6208)
4/5/2021	LF WF1	2.5	14:00	0.0416	MultiRAE Lite (PGM-6208)
4/5/2021	Pit C	8	9:20	0.0414	MultiRAE Lite (PGM-6208)
4/5/2021	Pit C	8	14:20	0.0417	MultiRAE Lite (PGM-6208)
4/5/2021	137 Pit C	7	9:35	0.0420	MultiRAE Lite (PGM-6208)
4/5/2021	137 Pit C	7	14:35	0.0413	MultiRAE Lite (PGM-6208)
4/5/2021	137 Pit B	8.6	9:45	0.0417	MultiRAE Lite (PGM-6208)
4/5/2021	137 Pit B	8.6	14:45	0.0409	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
4/5/2021	137 Pit A	8.3	9:55	0.0413	MultiRAE Lite (PGM-6208)
4/5/2021	137 Pit A	8.3	14:55	0.0418	MultiRAE Lite (PGM-6208)
4/5/2021	WPR1	2.8	10:05	0.0411	MultiRAE Lite (PGM-6208)
4/5/2021	WPR1	2.8	15:05	0.0419	MultiRAE Lite (PGM-6208)
4/5/2021	WPR2	2.8	10:15	0.0418	MultiRAE Lite (PGM-6208)
4/5/2021	WPR2	2.8	15:15	0.0420	MultiRAE Lite (PGM-6208)
4/5/2021	WPR4	4	10:25	0.0415	MultiRAE Lite (PGM-6208)
4/5/2021	WPR4	4	15:25	0.0416	MultiRAE Lite (PGM-6208)
4/5/2021	WPR3	2.8	10:45	0.0413	MultiRAE Lite (PGM-6208)
4/5/2021	WPR3	2.8	15:45	0.0417	MultiRAE Lite (PGM-6208)
4/5/2021	Pit A	5	10:55	0.0412	MultiRAE Lite (PGM-6208)
4/5/2021	Pit A	5	15:55	0.0416	MultiRAE Lite (PGM-6208)
4/5/2021	Pit B	3.6	11:05	0.0417	MultiRAE Lite (PGM-6208)
4/5/2021	Pit B	3.6	16:05	0.0424	MultiRAE Lite (PGM-6208)
5/5/2021	Area A	5.5	8:30	0.0417	MultiRAE Lite (PGM-6208)
5/5/2021	Area A	5.5	13:30	0.0424	MultiRAE Lite (PGM-6208)
5/5/2021	Area A	5.5	17:00	0.0414	MultiRAE Lite (PGM-6208)
5/5/2021	Area B	2.5	8:45	0.0420	MultiRAE Lite (PGM-6208)
5/5/2021	Area B	2.5	13:45	0.0410	MultiRAE Lite (PGM-6208)
5/5/2021	Area B	2.5	16:45	0.0415	MultiRAE Lite (PGM-6208)
5/5/2021	LF WF2	2.5	8:55	0.0417	MultiRAE Lite (PGM-6208)
5/5/2021	LF WF2	2.5	13:55	0.0404	MultiRAE Lite (PGM-6208)
5/5/2021	LF WF1	2.5	9:00	0.0420	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
5/5/2021	LF WF1	2.5	14:00	0.0418	MultiRAE Lite (PGM-6208)
5/5/2021	Pit C	8	9:20	0.0417	MultiRAE Lite (PGM-6208)
5/5/2021	Pit C	8	14:20	0.0415	MultiRAE Lite (PGM-6208)
5/5/2021	137 Pit C	7	9:35	0.0418	MultiRAE Lite (PGM-6208)
5/5/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
5/5/2021	137 Pit B	8.6	9:45	0.0415	MultiRAE Lite (PGM-6208)
5/5/2021	137 Pit B	8.6	14:45	0.0409	MultiRAE Lite (PGM-6208)
5/5/2021	137 Pit A	8.3	9:55	0.0417	MultiRAE Lite (PGM-6208)
5/5/2021	137 Pit A	8.3	14:55	0.0413	MultiRAE Lite (PGM-6208)
5/5/2021	WPR1	2.8	10:05	0.0415	MultiRAE Lite (PGM-6208)
5/5/2021	WPR1	2.8	15:05	0.0414	MultiRAE Lite (PGM-6208)
5/5/2021	WPR2	2.8	10:15	0.0415	MultiRAE Lite (PGM-6208)
5/5/2021	WPR2	2.8	15:15	0.0417	MultiRAE Lite (PGM-6208)
5/5/2021	WPR4	4	10:25	0.0416	MultiRAE Lite (PGM-6208)
5/5/2021	WPR4	4	15:25	0.0418	MultiRAE Lite (PGM-6208)
5/5/2021	WPR3	2.8	10:45	0.0419	MultiRAE Lite (PGM-6208)
5/5/2021	WPR3	2.8	15:45	0.0414	MultiRAE Lite (PGM-6208)
5/5/2021	Pit A	5	10:55	0.0420	MultiRAE Lite (PGM-6208)
5/5/2021	Pit A	5	15:55	0.0418	MultiRAE Lite (PGM-6208)
5/5/2021	Pit B	3.6	11:05	0.0421	MultiRAE Lite (PGM-6208)
5/5/2021	Pit B	3.6	16:05	0.0415	MultiRAE Lite (PGM-6208)
6/5/2021	Area A	5.5	8:30	0.0418	MultiRAE Lite (PGM-6208)
6/5/2021	Area A	5.5	13:30	0.0417	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
6/5/2021	Area A	5.5	17:00	0.0419	MultiRAE Lite (PGM-6208)
6/5/2021	Area B	2.5	8:45	0.0420	MultiRAE Lite (PGM-6208)
6/5/2021	Area B	2.5	13:45	0.0418	MultiRAE Lite (PGM-6208)
6/5/2021	Area B	2.5	16:45	0.0414	MultiRAE Lite (PGM-6208)
6/5/2021	LF WF2	2.5	8:55	0.0423	MultiRAE Lite (PGM-6208)
6/5/2021	LF WF2	2.5	13:55	0.0407	MultiRAE Lite (PGM-6208)
6/5/2021	LF WF1	2.5	9:00	0.0403	MultiRAE Lite (PGM-6208)
6/5/2021	LF WF1	2.5	14:00	0.0427	MultiRAE Lite (PGM-6208)
6/5/2021	Pit C	8	9:20	0.0406	MultiRAE Lite (PGM-6208)
6/5/2021	Pit C	8	14:20	0.0424	MultiRAE Lite (PGM-6208)
6/5/2021	137 Pit C	7	9:35	0.0412	MultiRAE Lite (PGM-6208)
6/5/2021	137 Pit C	7	14:35	0.0408	MultiRAE Lite (PGM-6208)
6/5/2021	137 Pit B	8.6	9:45	0.0419	MultiRAE Lite (PGM-6208)
6/5/2021	137 Pit B	8.6	14:45	0.0412	MultiRAE Lite (PGM-6208)
6/5/2021	137 Pit A	8.3	9:55	0.0409	MultiRAE Lite (PGM-6208)
6/5/2021	137 Pit A	8.3	14:55	0.0421	MultiRAE Lite (PGM-6208)
6/5/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
6/5/2021	WPR1	2.8	15:05	0.0420	MultiRAE Lite (PGM-6208)
6/5/2021	WPR2	2.8	10:15	0.0416	MultiRAE Lite (PGM-6208)
6/5/2021	WPR2	2.8	15:15	0.0414	MultiRAE Lite (PGM-6208)
6/5/2021	WPR4	4	10:25	0.0410	MultiRAE Lite (PGM-6208)
6/5/2021	WPR4	4	15:25	0.0428	MultiRAE Lite (PGM-6208)
6/5/2021	WPR3	2.8	10:45	0.0411	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
6/5/2021	WPR3	2.8	15:45	0.0425	MultiRAE Lite (PGM-6208)
6/5/2021	Pit A	5	10:55	0.0411	MultiRAE Lite (PGM-6208)
6/5/2021	Pit A	5	15:55	0.0411	MultiRAE Lite (PGM-6208)
6/5/2021	Pit B	3.6	11:05	0.0414	MultiRAE Lite (PGM-6208)
6/5/2021	Pit B	3.6	16:05	0.0413	MultiRAE Lite (PGM-6208)
7/5/2021	Area A	5.5	8:30	0.0411	MultiRAE Lite (PGM-6208)
7/5/2021	Area A	5.5	13:30	0.0412	MultiRAE Lite (PGM-6208)
7/5/2021	Area A	5.5	17:00	0.0419	MultiRAE Lite (PGM-6208)
7/5/2021	Area B	2.5	8:45	0.0408	MultiRAE Lite (PGM-6208)
7/5/2021	Area B	2.5	13:45	0.0431	MultiRAE Lite (PGM-6208)
7/5/2021	Area B	2.5	16:45	0.0420	MultiRAE Lite (PGM-6208)
7/5/2021	LF WF2	2.5	8:55	0.0415	MultiRAE Lite (PGM-6208)
7/5/2021	LF WF2	2.5	13:55	0.0411	MultiRAE Lite (PGM-6208)
7/5/2021	LF WF1	2.5	9:00	0.0412	MultiRAE Lite (PGM-6208)
7/5/2021	LF WF1	2.5	14:00	0.0422	MultiRAE Lite (PGM-6208)
7/5/2021	Pit C	8	9:20	0.0415	MultiRAE Lite (PGM-6208)
7/5/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
7/5/2021	137 Pit C	7	9:35	0.0407	MultiRAE Lite (PGM-6208)
7/5/2021	137 Pit C	7	14:35	0.0411	MultiRAE Lite (PGM-6208)
7/5/2021	137 Pit B	8.6	9:45	0.0412	MultiRAE Lite (PGM-6208)
7/5/2021	137 Pit B	8.6	14:45	0.0413	MultiRAE Lite (PGM-6208)
7/5/2021	137 Pit A	8.3	9:55	0.0415	MultiRAE Lite (PGM-6208)
7/5/2021	137 Pit A	8.3	14:55	0.0420	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
7/5/2021	WPR1	2.8	10:05	0.0425	MultiRAE Lite (PGM-6208)
7/5/2021	WPR1	2.8	15:05	0.0412	MultiRAE Lite (PGM-6208)
7/5/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)
7/5/2021	WPR2	2.8	15:15	0.0420	MultiRAE Lite (PGM-6208)
7/5/2021	WPR4	4	10:25	0.0415	MultiRAE Lite (PGM-6208)
7/5/2021	WPR4	4	15:25	0.0412	MultiRAE Lite (PGM-6208)
7/5/2021	WPR3	2.8	10:45	0.0418	MultiRAE Lite (PGM-6208)
7/5/2021	WPR3	2.8	15:45	0.0419	MultiRAE Lite (PGM-6208)
7/5/2021	Pit A	5	10:55	0.0426	MultiRAE Lite (PGM-6208)
7/5/2021	Pit A	5	15:55	0.0430	MultiRAE Lite (PGM-6208)
7/5/2021	Pit B	3.6	11:05	0.0412	MultiRAE Lite (PGM-6208)
7/5/2021	Pit B	3.6	16:05	0.0404	MultiRAE Lite (PGM-6208)
8/5/2021	Area A	5.5	8:30	0.0412	MultiRAE Lite (PGM-6208)
8/5/2021	Area A	5.5	13:30	0.0411	MultiRAE Lite (PGM-6208)
8/5/2021	Area A	5.5	17:00	0.0422	MultiRAE Lite (PGM-6208)
8/5/2021	Area B	2.5	8:45	0.0423	MultiRAE Lite (PGM-6208)
8/5/2021	Area B	2.5	13:45	0.0421	MultiRAE Lite (PGM-6208)
8/5/2021	Area B	2.5	16:45	0.0414	MultiRAE Lite (PGM-6208)
8/5/2021	LF WF2	2.5	8:55	0.0426	MultiRAE Lite (PGM-6208)
8/5/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
8/5/2021	LF WF1	2.5	9:00	0.0415	MultiRAE Lite (PGM-6208)
8/5/2021	LF WF1	2.5	14:00	0.0417	MultiRAE Lite (PGM-6208)
8/5/2021	Pit C	8	9:20	0.0413	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
8/5/2021	Pit C	8	14:20	0.0426	MultiRAE Lite (PGM-6208)
8/5/2021	137 Pit C	7	9:35	0.0419	MultiRAE Lite (PGM-6208)
8/5/2021	137 Pit C	7	14:35	0.0422	MultiRAE Lite (PGM-6208)
8/5/2021	137 Pit B	8.6	9:45	0.0419	MultiRAE Lite (PGM-6208)
8/5/2021	137 Pit B	8.6	14:45	0.0415	MultiRAE Lite (PGM-6208)
8/5/2021	137 Pit A	8.3	9:55	0.0422	MultiRAE Lite (PGM-6208)
8/5/2021	137 Pit A	8.3	14:55	0.0417	MultiRAE Lite (PGM-6208)
8/5/2021	WPR1	2.8	10:05	0.0421	MultiRAE Lite (PGM-6208)
8/5/2021	WPR1	2.8	15:05	0.0416	MultiRAE Lite (PGM-6208)
8/5/2021	WPR2	2.8	10:15	0.0412	MultiRAE Lite (PGM-6208)
8/5/2021	WPR2	2.8	15:15	0.0416	MultiRAE Lite (PGM-6208)
8/5/2021	WPR4	4	10:25	0.0415	MultiRAE Lite (PGM-6208)
8/5/2021	WPR4	4	15:25	0.0422	MultiRAE Lite (PGM-6208)
8/5/2021	WPR3	2.8	10:45	0.0419	MultiRAE Lite (PGM-6208)
8/5/2021	WPR3	2.8	15:45	0.0423	MultiRAE Lite (PGM-6208)
8/5/2021	Pit A	5	10:55	0.0424	MultiRAE Lite (PGM-6208)
8/5/2021	Pit A	5	15:55	0.0423	MultiRAE Lite (PGM-6208)
8/5/2021	Pit B	3.6	11:05	0.0412	MultiRAE Lite (PGM-6208)
8/5/2021	Pit B	3.6	16:05	0.0418	MultiRAE Lite (PGM-6208)
10/5/2021	Area A	5.5	8:30	0.0411	MultiRAE Lite (PGM-6208)
10/5/2021	Area A	5.5	13:30	0.0419	MultiRAE Lite (PGM-6208)
10/5/2021	Area A	5.5	17:00	0.0421	MultiRAE Lite (PGM-6208)
10/5/2021	Area B	2.5	8:45	0.0426	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
10/5/2021	Area B	2.5	13:45	0.0418	MultiRAE Lite (PGM-6208)
10/5/2021	Area B	2.5	16:45	0.0415	MultiRAE Lite (PGM-6208)
10/5/2021	LF WF2	2.5	8:55	0.0416	MultiRAE Lite (PGM-6208)
10/5/2021	LF WF2	2.5	13:55	0.0417	MultiRAE Lite (PGM-6208)
10/5/2021	LF WF1	2.5	9:00	0.0422	MultiRAE Lite (PGM-6208)
10/5/2021	LF WF1	2.5	14:00	0.0420	MultiRAE Lite (PGM-6208)
10/5/2021	Pit C	8	9:20	0.0415	MultiRAE Lite (PGM-6208)
10/5/2021	Pit C	8	14:20	0.0413	MultiRAE Lite (PGM-6208)
10/5/2021	137 Pit C	7	9:35	0.0442	MultiRAE Lite (PGM-6208)
10/5/2021	137 Pit C	7	14:35	0.0424	MultiRAE Lite (PGM-6208)
10/5/2021	137 Pit B	8.6	9:45	0.0419	MultiRAE Lite (PGM-6208)
10/5/2021	137 Pit B	8.6	14:45	0.0418	MultiRAE Lite (PGM-6208)
10/5/2021	137 Pit A	8.3	9:55	0.0422	MultiRAE Lite (PGM-6208)
10/5/2021	137 Pit A	8.3	14:55	0.0409	MultiRAE Lite (PGM-6208)
10/5/2021	WPR2	2.8	10:15	0.0418	MultiRAE Lite (PGM-6208)
10/5/2021	WPR2	2.8	15:15	0.0426	MultiRAE Lite (PGM-6208)
10/5/2021	WPR4	4	10:25	0.0419	MultiRAE Lite (PGM-6208)
10/5/2021	WPR4	4	15:25	0.0411	MultiRAE Lite (PGM-6208)
10/5/2021	WPR3	2.8	10:45	0.0406	MultiRAE Lite (PGM-6208)
10/5/2021	WPR3	2.8	15:45	0.0427	MultiRAE Lite (PGM-6208)
10/5/2021	Pit A	5	10:55	0.0431	MultiRAE Lite (PGM-6208)
10/5/2021	Pit A	5	15:55	0.0424	MultiRAE Lite (PGM-6208)
10/5/2021	Pit B	3.6	11:05	0.0426	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
10/5/2021	Pit B	3.6	16:05	0.0421	MultiRAE Lite (PGM-6208)
11/5/2021	Area A	5.5	8:30	0.0411	MultiRAE Lite (PGM-6208)
11/5/2021	Area A	5.5	13:30	0.0418	MultiRAE Lite (PGM-6208)
11/5/2021	Area A	5.5	17:00	0.0419	MultiRAE Lite (PGM-6208)
11/5/2021	Area B	2.5	8:45	0.0418	MultiRAE Lite (PGM-6208)
11/5/2021	Area B	2.5	13:45	0.0414	MultiRAE Lite (PGM-6208)
11/5/2021	Area B	2.5	16:45	0.0415	MultiRAE Lite (PGM-6208)
11/5/2021	LF WF2	2.5	8:55	0.0411	MultiRAE Lite (PGM-6208)
11/5/2021	LF WF2	2.5	13:55	0.0412	MultiRAE Lite (PGM-6208)
11/5/2021	LF WF1	2.5	9:00	0.0415	MultiRAE Lite (PGM-6208)
11/5/2021	LF WF1	2.5	14:00	0.0415	MultiRAE Lite (PGM-6208)
11/5/2021	Pit C	8	9:20	0.0416	MultiRAE Lite (PGM-6208)
11/5/2021	Pit C	8	14:20	0.0417	MultiRAE Lite (PGM-6208)
11/5/2021	137 Pit C	7	9:35	0.0411	MultiRAE Lite (PGM-6208)
11/5/2021	137 Pit C	7	14:35	0.0409	MultiRAE Lite (PGM-6208)
11/5/2021	137 Pit B	8.6	9:45	0.0420	MultiRAE Lite (PGM-6208)
11/5/2021	137 Pit B	8.6	14:45	0.0410	MultiRAE Lite (PGM-6208)
11/5/2021	137 Pit A	8.3	9:55	0.0424	MultiRAE Lite (PGM-6208)
11/5/2021	137 Pit A	8.3	14:55	0.0435	MultiRAE Lite (PGM-6208)
11/5/2021	WPR2	2.8	10:15	0.0418	MultiRAE Lite (PGM-6208)
11/5/2021	WPR2	2.8	15:15	0.0419	MultiRAE Lite (PGM-6208)
11/5/2021	WPR4	4	10:25	0.0422	MultiRAE Lite (PGM-6208)
11/5/2021	WPR4	4	15:25	0.0420	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
11/5/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
11/5/2021	WPR3	2.8	15:45	0.0418	MultiRAE Lite (PGM-6208)
11/5/2021	Pit A	5	10:55	0.0429	MultiRAE Lite (PGM-6208)
11/5/2021	Pit A	5	15:55	0.0404	MultiRAE Lite (PGM-6208)
11/5/2021	Pit B	3.6	11:05	0.0414	MultiRAE Lite (PGM-6208)
11/5/2021	Pit B	3.6	16:05	0.0411	MultiRAE Lite (PGM-6208)
12/5/2021	Area A	5.5	8:30	0.0411	MultiRAE Lite (PGM-6208)
12/5/2021	Area A	5.5	13:30	0.0417	MultiRAE Lite (PGM-6208)
12/5/2021	Area A	5.5	17:00	0.0420	MultiRAE Lite (PGM-6208)
12/5/2021	Area B	2.5	8:45	0.0418	MultiRAE Lite (PGM-6208)
12/5/2021	Area B	2.5	13:45	0.0411	MultiRAE Lite (PGM-6208)
12/5/2021	Area B	2.5	16:45	0.0412	MultiRAE Lite (PGM-6208)
12/5/2021	LF WF2	2.5	8:55	0.0423	MultiRAE Lite (PGM-6208)
12/5/2021	LF WF2	2.5	13:55	0.0407	MultiRAE Lite (PGM-6208)
12/5/2021	LF WF1	2.5	9:00	0.0417	MultiRAE Lite (PGM-6208)
12/5/2021	LF WF1	2.5	14:00	0.0428	MultiRAE Lite (PGM-6208)
12/5/2021	Pit C	8	9:20	0.0431	MultiRAE Lite (PGM-6208)
12/5/2021	Pit C	8	14:20	0.0416	MultiRAE Lite (PGM-6208)
12/5/2021	137 Pit C	7	9:35	0.0428	MultiRAE Lite (PGM-6208)
12/5/2021	137 Pit C	7	14:35	0.0411	MultiRAE Lite (PGM-6208)
12/5/2021	137 Pit B	8.6	9:45	0.0415	MultiRAE Lite (PGM-6208)
12/5/2021	137 Pit B	8.6	14:45	0.0412	MultiRAE Lite (PGM-6208)
12/5/2021	137 Pit A	8.3	9:55	0.0412	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
12/5/2021	137 Pit A	8.3	14:55	0.0422	MultiRAE Lite (PGM-6208)
12/5/2021	WPR1	1.5	10:05	0.0410	MultiRAE Lite (PGM-6208)
12/5/2021	WPR1	1.5	15:05	0.0416	MultiRAE Lite (PGM-6208)
12/5/2021	WPR2	2.8	10:15	0.0421	MultiRAE Lite (PGM-6208)
12/5/2021	WPR2	2.8	15:15	0.0416	MultiRAE Lite (PGM-6208)
12/5/2021	WPR4	4	10:25	0.0424	MultiRAE Lite (PGM-6208)
12/5/2021	WPR4	4	15:25	0.0412	MultiRAE Lite (PGM-6208)
12/5/2021	WPR3	2.8	10:45	0.0413	MultiRAE Lite (PGM-6208)
12/5/2021	WPR3	2.8	15:45	0.0417	MultiRAE Lite (PGM-6208)
12/5/2021	Pit A	5	10:55	0.0420	MultiRAE Lite (PGM-6208)
12/5/2021	Pit A	5	15:55	0.0410	MultiRAE Lite (PGM-6208)
12/5/2021	Pit B	3.6	11:05	0.0431	MultiRAE Lite (PGM-6208)
12/5/2021	Pit B	3.6	16:05	0.0421	MultiRAE Lite (PGM-6208)
13/5/2021	Area A	5.5	8:30	0.0430	MultiRAE Lite (PGM-6208)
13/5/2021	Area A	5.5	13:30	0.0408	MultiRAE Lite (PGM-6208)
13/5/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
13/5/2021	Area B	2.5	8:45	0.0418	MultiRAE Lite (PGM-6208)
13/5/2021	Area B	2.5	13:45	0.0403	MultiRAE Lite (PGM-6208)
13/5/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
13/5/2021	LF WF2	2.5	8:55	0.0418	MultiRAE Lite (PGM-6208)
13/5/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
13/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
13/5/2021	LF WF1	2.5	14:00	0.0424	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
13/5/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
13/5/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
13/5/2021	137 Pit C	7	9:35	0.0413	MultiRAE Lite (PGM-6208)
13/5/2021	137 Pit C	7	14:35	0.0405	MultiRAE Lite (PGM-6208)
13/5/2021	137 Pit B	8.6	9:45	0.0405	MultiRAE Lite (PGM-6208)
13/5/2021	137 Pit B	8.6	14:45	0.0414	MultiRAE Lite (PGM-6208)
13/5/2021	137 Pit A	8.3	9:55	0.0415	MultiRAE Lite (PGM-6208)
13/5/2021	137 Pit A	8.3	14:55	0.0408	MultiRAE Lite (PGM-6208)
13/5/2021	WPR1	1.5	10:05	0.0415	MultiRAE Lite (PGM-6208)
13/5/2021	WPR1	1.5	15:05	0.0415	MultiRAE Lite (PGM-6208)
13/5/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)
13/5/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)
13/5/2021	WPR4	4	10:25	0.0412	MultiRAE Lite (PGM-6208)
13/5/2021	WPR4	4	15:25	0.0425	MultiRAE Lite (PGM-6208)
13/5/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
13/5/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
13/5/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
13/5/2021	Pit A	5	15:55	0.0415	MultiRAE Lite (PGM-6208)
13/5/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
13/5/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
14/5/2021	Area A	5.5	8:30	0.0414	MultiRAE Lite (PGM-6208)
14/5/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
14/5/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
14/5/2021	Area B	2.5	8:45	0.0408	MultiRAE Lite (PGM-6208)
14/5/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
14/5/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
14/5/2021	LF WF2	2.5	8:55	0.0405	MultiRAE Lite (PGM-6208)
14/5/2021	LF WF2	2.5	13:55	0.0415	MultiRAE Lite (PGM-6208)
14/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
14/5/2021	LF WF1	2.5	14:00	0.0411	MultiRAE Lite (PGM-6208)
14/5/2021	Pit C	8	9:20	0.0426	MultiRAE Lite (PGM-6208)
14/5/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
14/5/2021	137 Pit C	7	9:35	0.0403	MultiRAE Lite (PGM-6208)
14/5/2021	137 Pit C	7	14:35	0.0422	MultiRAE Lite (PGM-6208)
14/5/2021	137 Pit B	8.6	9:45	0.0415	MultiRAE Lite (PGM-6208)
14/5/2021	137 Pit B	8.6	14:45	0.0414	MultiRAE Lite (PGM-6208)
14/5/2021	137 Pit A	8.3	9:55	0.0405	MultiRAE Lite (PGM-6208)
14/5/2021	137 Pit A	8.3	14:55	0.0415	MultiRAE Lite (PGM-6208)
14/5/2021	WPR1	1.5	10:05	0.0415	MultiRAE Lite (PGM-6208)
14/5/2021	WPR1	1.5	15:05	0.0405	MultiRAE Lite (PGM-6208)
14/5/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)
14/5/2021	WPR2	2.8	15:15	0.0425	MultiRAE Lite (PGM-6208)
14/5/2021	WPR4	4	10:25	0.0422	MultiRAE Lite (PGM-6208)
14/5/2021	WPR4	4	15:25	0.0421	MultiRAE Lite (PGM-6208)
14/5/2021	WPR3	2.8	10:45	0.0415	MultiRAE Lite (PGM-6208)
14/5/2021	WPR3	2.8	15:45	0.0414	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
14/5/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
14/5/2021	Pit A	5	15:55	0.0415	MultiRAE Lite (PGM-6208)
14/5/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
14/5/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
15/5/2021	Area A	5.5	8:30	0.0430	MultiRAE Lite (PGM-6208)
15/5/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
15/5/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
15/5/2021	Area B	2.5	8:45	0.0418	MultiRAE Lite (PGM-6208)
15/5/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
15/5/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
15/5/2021	LF WF2	2.5	8:55	0.0425	MultiRAE Lite (PGM-6208)
15/5/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
15/5/2021	LF WF1	2.5	9:00	0.0414	MultiRAE Lite (PGM-6208)
15/5/2021	LF WF1	2.5	14:00	0.0419	MultiRAE Lite (PGM-6208)
15/5/2021	Pit C	8	9:20	0.0422	MultiRAE Lite (PGM-6208)
15/5/2021	Pit C	8	14:20	0.0424	MultiRAE Lite (PGM-6208)
15/5/2021	137 Pit C	7	9:35	0.0413	MultiRAE Lite (PGM-6208)
15/5/2021	137 Pit C	7	14:35	0.0424	MultiRAE Lite (PGM-6208)
15/5/2021	137 Pit B	8.6	9:45	0.0415	MultiRAE Lite (PGM-6208)
15/5/2021	137 Pit B	8.6	14:45	0.0404	MultiRAE Lite (PGM-6208)
15/5/2021	137 Pit A	8.3	9:55	0.0409	MultiRAE Lite (PGM-6208)
15/5/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
15/5/2021	WPR1	0.6	10:05	0.0415	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
15/5/2021	WPR1	0.6	15:05	0.0415	MultiRAE Lite (PGM-6208)
15/5/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)
15/5/2021	WPR2	2.8	15:15	0.0416	MultiRAE Lite (PGM-6208)
15/5/2021	WPR4	4	10:25	0.0412	MultiRAE Lite (PGM-6208)
15/5/2021	WPR4	4	15:25	0.0425	MultiRAE Lite (PGM-6208)
15/5/2021	WPR3	2.8	10:45	0.0410	MultiRAE Lite (PGM-6208)
15/5/2021	WPR3	2.8	15:45	0.0425	MultiRAE Lite (PGM-6208)
15/5/2021	Pit A	5	10:55	0.0415	MultiRAE Lite (PGM-6208)
15/5/2021	Pit A	5	15:55	0.0411	MultiRAE Lite (PGM-6208)
15/5/2021	Pit B	3.6	11:05	0.0410	MultiRAE Lite (PGM-6208)
15/5/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
17/5/2021	Area A	5.5	8:30	0.0417	MultiRAE Lite (PGM-6208)
17/5/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
17/5/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
17/5/2021	Area B	2.5	8:45	0.0415	MultiRAE Lite (PGM-6208)
17/5/2021	Area B	2.5	13:45	0.0414	MultiRAE Lite (PGM-6208)
17/5/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
17/5/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)
17/5/2021	LF WF2	2.5	13:55	0.0415	MultiRAE Lite (PGM-6208)
17/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
17/5/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
17/5/2021	Pit C	8	9:20	0.0429	MultiRAE Lite (PGM-6208)
17/5/2021	Pit C	8	14:20	0.0412	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
17/5/2021	137 Pit C	7	9:35	0.0435	MultiRAE Lite (PGM-6208)
17/5/2021	137 Pit C	7	14:35	0.0403	MultiRAE Lite (PGM-6208)
17/5/2021	137 Pit B	8.6	9:45	0.0415	MultiRAE Lite (PGM-6208)
17/5/2021	137 Pit B	8.6	14:45	0.0414	MultiRAE Lite (PGM-6208)
17/5/2021	137 Pit A	8.3	9:55	0.0405	MultiRAE Lite (PGM-6208)
17/5/2021	137 Pit A	8.3	14:55	0.0417	MultiRAE Lite (PGM-6208)
17/5/2021	WPR1	0.6	10:05	0.0416	MultiRAE Lite (PGM-6208)
17/5/2021	WPR1	0.6	15:05	0.0421	MultiRAE Lite (PGM-6208)
17/5/2021	WPR2	2.8	10:15	0.0415	MultiRAE Lite (PGM-6208)
17/5/2021	WPR2	2.8	15:15	0.0417	MultiRAE Lite (PGM-6208)
17/5/2021	WPR4	4	10:25	0.0425	MultiRAE Lite (PGM-6208)
17/5/2021	WPR4	4	15:25	0.0417	MultiRAE Lite (PGM-6208)
17/5/2021	WPR3	2.8	10:45	0.0415	MultiRAE Lite (PGM-6208)
17/5/2021	WPR3	2.8	15:45	0.0421	MultiRAE Lite (PGM-6208)
17/5/2021	Pit A	5	10:55	0.0417	MultiRAE Lite (PGM-6208)
17/5/2021	Pit A	5	15:55	0.0410	MultiRAE Lite (PGM-6208)
17/5/2021	Pit B	3.6	11:05	0.0417	MultiRAE Lite (PGM-6208)
17/5/2021	Pit B	3.6	16:05	0.0417	MultiRAE Lite (PGM-6208)
18/5/2021	Area A	5.5	8:30	0.0418	MultiRAE Lite (PGM-6208)
18/5/2021	Area A	5.5	13:30	0.0417	MultiRAE Lite (PGM-6208)
18/5/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
18/5/2021	Area B	2.5	8:45	0.0424	MultiRAE Lite (PGM-6208)
18/5/2021	Area B	2.5	13:45	0.0425	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
18/5/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
18/5/2021	LF WF2	2.5	8:55	0.0411	MultiRAE Lite (PGM-6208)
18/5/2021	LF WF2	2.5	13:55	0.0418	MultiRAE Lite (PGM-6208)
18/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
18/5/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
18/5/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
18/5/2021	Pit C	8	14:20	0.0411	MultiRAE Lite (PGM-6208)
18/5/2021	137 Pit C	7	9:35	0.0435	MultiRAE Lite (PGM-6208)
18/5/2021	137 Pit C	7	14:35	0.0415	MultiRAE Lite (PGM-6208)
18/5/2021	137 Pit B	8.6	9:45	0.0412	MultiRAE Lite (PGM-6208)
18/5/2021	137 Pit B	8.6	14:45	0.0430	MultiRAE Lite (PGM-6208)
18/5/2021	137 Pit A	8.3	9:55	0.0415	MultiRAE Lite (PGM-6208)
18/5/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
18/5/2021	WPR1	0.6	10:05	0.0415	MultiRAE Lite (PGM-6208)
18/5/2021	WPR1	0.6	15:05	0.0405	MultiRAE Lite (PGM-6208)
18/5/2021	WPR2	2.8	10:15	0.0411	MultiRAE Lite (PGM-6208)
18/5/2021	WPR2	2.8	15:15	0.0421	MultiRAE Lite (PGM-6208)
18/5/2021	WPR4	4	10:25	0.0418	MultiRAE Lite (PGM-6208)
18/5/2021	WPR4	4	15:25	0.0420	MultiRAE Lite (PGM-6208)
18/5/2021	WPR3	2.8	10:45	0.0410	MultiRAE Lite (PGM-6208)
18/5/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
18/5/2021	Pit A	5	10:55	0.0418	MultiRAE Lite (PGM-6208)
18/5/2021	Pit A	5	15:55	0.0421	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
18/5/2021	Pit B	3.6	11:05	0.0415	MultiRAE Lite (PGM-6208)
18/5/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
20/5/2021	Area A	5.5	8:30	0.0420	MultiRAE Lite (PGM-6208)
20/5/2021	Area A	5.5	13:30	0.0430	MultiRAE Lite (PGM-6208)
20/5/2021	Area A	5.5	17:00	0.0410	MultiRAE Lite (PGM-6208)
20/5/2021	Area B	2.5	8:45	0.0414	MultiRAE Lite (PGM-6208)
20/5/2021	Area B	2.5	13:45	0.0415	MultiRAE Lite (PGM-6208)
20/5/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
20/5/2021	LF WF2	2.5	8:55	0.0405	MultiRAE Lite (PGM-6208)
20/5/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
20/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
20/5/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
20/5/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
20/5/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
20/5/2021	137 Pit C	7	9:35	0.0409	MultiRAE Lite (PGM-6208)
20/5/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
20/5/2021	137 Pit B	8.6	9:45	0.0445	MultiRAE Lite (PGM-6208)
20/5/2021	137 Pit B	8.6	14:45	0.0414	MultiRAE Lite (PGM-6208)
20/5/2021	137 Pit A	8.3	9:55	0.0409	MultiRAE Lite (PGM-6208)
20/5/2021	137 Pit A	8.3	14:55	0.0415	MultiRAE Lite (PGM-6208)
20/5/2021	WPR1	0.6	10:05	0.0410	MultiRAE Lite (PGM-6208)
20/5/2021	WPR1	0.6	15:05	0.0405	MultiRAE Lite (PGM-6208)
20/5/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
20/5/2021	WPR2	2.8	15:15	0.0420	MultiRAE Lite (PGM-6208)
20/5/2021	WPR4	4	10:25	0.0421	MultiRAE Lite (PGM-6208)
20/5/2021	WPR4	4	15:25	0.0425	MultiRAE Lite (PGM-6208)
20/5/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
20/5/2021	WPR3	2.8	15:45	0.0420	MultiRAE Lite (PGM-6208)
20/5/2021	Pit A	5	10:55	0.0425	MultiRAE Lite (PGM-6208)
20/5/2021	Pit A	5	15:55	0.0411	MultiRAE Lite (PGM-6208)
20/5/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
20/5/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
21/5/2021	Area A	5.5	8:30	0.0418	MultiRAE Lite (PGM-6208)
21/5/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
21/5/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
21/5/2021	Area B	2.5	8:45	0.0408	MultiRAE Lite (PGM-6208)
21/5/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
21/5/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
21/5/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)
21/5/2021	LF WF2	2.5	13:55	0.0415	MultiRAE Lite (PGM-6208)
21/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
21/5/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
21/5/2021	Pit C	8	9:20	0.0421	MultiRAE Lite (PGM-6208)
21/5/2021	Pit C	8	14:20	0.0415	MultiRAE Lite (PGM-6208)
21/5/2021	137 Pit C	7	9:35	0.0435	MultiRAE Lite (PGM-6208)
21/5/2021	137 Pit C	7	14:35	0.0405	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
21/5/2021	137 Pit B	8.6	9:45	0.0421	MultiRAE Lite (PGM-6208)
21/5/2021	137 Pit B	8.6	14:45	0.0414	MultiRAE Lite (PGM-6208)
21/5/2021	137 Pit A	8.3	9:55	0.0409	MultiRAE Lite (PGM-6208)
21/5/2021	137 Pit A	8.3	14:55	0.0409	MultiRAE Lite (PGM-6208)
21/5/2021	WPR1	0.6	10:05	0.0415	MultiRAE Lite (PGM-6208)
21/5/2021	WPR1	0.6	15:05	0.0410	MultiRAE Lite (PGM-6208)
21/5/2021	WPR2	2.8	10:15	0.0421	MultiRAE Lite (PGM-6208)
21/5/2021	WPR2	2.8	15:15	0.0410	MultiRAE Lite (PGM-6208)
21/5/2021	WPR4	4	10:25	0.0425	MultiRAE Lite (PGM-6208)
21/5/2021	WPR4	4	15:25	0.0421	MultiRAE Lite (PGM-6208)
21/5/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
21/5/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
21/5/2021	Pit A	5	10:55	0.0411	MultiRAE Lite (PGM-6208)
21/5/2021	Pit A	5	15:55	0.0419	MultiRAE Lite (PGM-6208)
21/5/2021	Pit B	3.6	11:05	0.0418	MultiRAE Lite (PGM-6208)
21/5/2021	Pit B	3.6	16:05	0.0417	MultiRAE Lite (PGM-6208)
22/5/2021	Area A	5.5	8:30	0.0422	MultiRAE Lite (PGM-6208)
22/5/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
22/5/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
22/5/2021	Area B	2.5	8:45	0.0428	MultiRAE Lite (PGM-6208)
22/5/2021	Area B	2.5	13:45	0.0412	MultiRAE Lite (PGM-6208)
22/5/2021	Area B	2.5	16:45	0.0414	MultiRAE Lite (PGM-6208)
22/5/2021	LF WF2	2.5	8:55	0.0425	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
22/5/2021	LF WF2	2.5	13:55	0.0416	MultiRAE Lite (PGM-6208)
22/5/2021	LF WF1	2.5	9:00	0.0421	MultiRAE Lite (PGM-6208)
22/5/2021	LF WF1	2.5	14:00	0.0410	MultiRAE Lite (PGM-6208)
22/5/2021	Pit C	8	9:20	0.0422	MultiRAE Lite (PGM-6208)
22/5/2021	Pit C	8	14:20	0.0442	MultiRAE Lite (PGM-6208)
22/5/2021	137 Pit C	7	9:35	0.0435	MultiRAE Lite (PGM-6208)
22/5/2021	137 Pit C	7	14:35	0.0413	MultiRAE Lite (PGM-6208)
22/5/2021	137 Pit B	8.6	9:45	0.0424	MultiRAE Lite (PGM-6208)
22/5/2021	137 Pit B	8.6	14:45	0.0415	MultiRAE Lite (PGM-6208)
22/5/2021	137 Pit A	8.3	9:55	0.0425	MultiRAE Lite (PGM-6208)
22/5/2021	137 Pit A	8.3	14:55	0.0424	MultiRAE Lite (PGM-6208)
22/5/2021	WPR1	0.6	10:05	0.0410	MultiRAE Lite (PGM-6208)
22/5/2021	WPR1	0.6	15:05	0.0415	MultiRAE Lite (PGM-6208)
22/5/2021	WPR2	2.8	10:15	0.0415	MultiRAE Lite (PGM-6208)
22/5/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)
22/5/2021	WPR4	4	10:25	0.0425	MultiRAE Lite (PGM-6208)
22/5/2021	WPR4	4	15:25	0.0415	MultiRAE Lite (PGM-6208)
22/5/2021	WPR3	2.8	10:45	0.0405	MultiRAE Lite (PGM-6208)
22/5/2021	WPR3	2.8	15:45	0.0414	MultiRAE Lite (PGM-6208)
22/5/2021	Pit A	5	10:55	0.0421	MultiRAE Lite (PGM-6208)
22/5/2021	Pit A	5	15:55	0.0415	MultiRAE Lite (PGM-6208)
22/5/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
22/5/2021	Pit B	3.6	16:05	0.0426	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
24/5/2021	Area A	5.5	8:30	0.0432	MultiRAE Lite (PGM-6208)
24/5/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
24/5/2021	Area A	5.5	17:00	0.0424	MultiRAE Lite (PGM-6208)
24/5/2021	Area B	2.5	8:45	0.0405	MultiRAE Lite (PGM-6208)
24/5/2021	Area B	2.5	13:45	0.0408	MultiRAE Lite (PGM-6208)
24/5/2021	Area B	2.5	16:45	0.0419	MultiRAE Lite (PGM-6208)
24/5/2021	LF WF2	2.5	8:55	0.0425	MultiRAE Lite (PGM-6208)
24/5/2021	LF WF2	2.5	13:55	0.0415	MultiRAE Lite (PGM-6208)
24/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
24/5/2021	LF WF1	2.5	14:00	0.0421	MultiRAE Lite (PGM-6208)
24/5/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
24/5/2021	Pit C	8	14:20	0.0410	MultiRAE Lite (PGM-6208)
24/5/2021	137 Pit C	7	9:35	0.0421	MultiRAE Lite (PGM-6208)
24/5/2021	137 Pit C	7	14:35	0.0415	MultiRAE Lite (PGM-6208)
24/5/2021	137 Pit B	8.6	9:45	0.0424	MultiRAE Lite (PGM-6208)
24/5/2021	137 Pit B	8.6	14:45	0.0415	MultiRAE Lite (PGM-6208)
24/5/2021	137 Pit A	8.3	9:55	0.0411	MultiRAE Lite (PGM-6208)
24/5/2021	137 Pit A	8.3	14:55	0.0429	MultiRAE Lite (PGM-6208)
24/5/2021	WPR1	2.8	10:05	0.0405	MultiRAE Lite (PGM-6208)
24/5/2021	WPR1	2.8	15:05	0.0411	MultiRAE Lite (PGM-6208)
24/5/2021	WPR2	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
24/5/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)
24/5/2021	WPR4	4	10:25	0.0410	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
24/5/2021	WPR4	4	15:25	0.0425	MultiRAE Lite (PGM-6208)
24/5/2021	WPR3	2.8	10:45	0.0415	MultiRAE Lite (PGM-6208)
24/5/2021	WPR3	2.8	15:45	0.0414	MultiRAE Lite (PGM-6208)
24/5/2021	Pit A	5	10:55	0.0415	MultiRAE Lite (PGM-6208)
24/5/2021	Pit A	5	15:55	0.0411	MultiRAE Lite (PGM-6208)
24/5/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
24/5/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
25/5/2021	Area A	5.5	8:30	0.0421	MultiRAE Lite (PGM-6208)
25/5/2021	Area A	5.5	13:30	0.0430	MultiRAE Lite (PGM-6208)
25/5/2021	Area A	5.5	17:00	0.0405	MultiRAE Lite (PGM-6208)
25/5/2021	Area B	2.5	8:45	0.0421	MultiRAE Lite (PGM-6208)
25/5/2021	Area B	2.5	13:45	0.0411	MultiRAE Lite (PGM-6208)
25/5/2021	Area B	2.5	16:45	0.0420	MultiRAE Lite (PGM-6208)
25/5/2021	LF WF2	2.5	8:55	0.0425	MultiRAE Lite (PGM-6208)
25/5/2021	LF WF2	2.5	13:55	0.0415	MultiRAE Lite (PGM-6208)
25/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
25/5/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
25/5/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
25/5/2021	Pit C	8	14:20	0.0412	MultiRAE Lite (PGM-6208)
25/5/2021	137 Pit C	7	9:35	0.0413	MultiRAE Lite (PGM-6208)
25/5/2021	137 Pit C	7	14:35	0.0425	MultiRAE Lite (PGM-6208)
25/5/2021	137 Pit B	8.6	9:45	0.0414	MultiRAE Lite (PGM-6208)
25/5/2021	137 Pit B	8.6	14:45	0.0411	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
25/5/2021	137 Pit A	8.3	9:55	0.0425	MultiRAE Lite (PGM-6208)
25/5/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
25/5/2021	WPR1	2.8.	10:05	0.0410	MultiRAE Lite (PGM-6208)
25/5/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
25/5/2021	WPR2	2.8	10:15	0.0425	MultiRAE Lite (PGM-6208)
25/5/2021	WPR2	2.8	15:15	0.0412	MultiRAE Lite (PGM-6208)
25/5/2021	WPR4	4	10:25	0.0420	MultiRAE Lite (PGM-6208)
25/5/2021	WPR4	4	15:25	0.0412	MultiRAE Lite (PGM-6208)
25/5/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
25/5/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
26/5/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
26/5/2021	Pit A	5	15:55	0.0411	MultiRAE Lite (PGM-6208)
26/5/2021	Pit B	3.6	11:05	0.0416	MultiRAE Lite (PGM-6208)
26/5/2021	Pit B	3.6	16:05	0.0406	MultiRAE Lite (PGM-6208)
26/5/2021	Area A	5.5	8:30	0.0426	MultiRAE Lite (PGM-6208)
26/5/2021	Area A	5.5	13:30	0.0421	MultiRAE Lite (PGM-6208)
26/5/2021	Area A	5.5	17:00	0.0411	MultiRAE Lite (PGM-6208)
26/5/2021	Area B	2.5	8:45	0.0415	MultiRAE Lite (PGM-6208)
26/5/2021	Area B	2.5	13:45	0.0421	MultiRAE Lite (PGM-6208)
26/5/2021	Area B	2.5	16:45	0.0413	MultiRAE Lite (PGM-6208)
26/5/2021	LF WF2	2.5	8:55	0.0413	MultiRAE Lite (PGM-6208)
26/5/2021	LF WF2	2.5	13:55	0.0415	MultiRAE Lite (PGM-6208)
26/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
26/5/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
26/5/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
26/5/2021	Pit C	8	14:20	0.0412	MultiRAE Lite (PGM-6208)
26/5/2021	137 Pit C	7	9:35	0.0435	MultiRAE Lite (PGM-6208)
26/5/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
26/5/2021	137 Pit B	8.6	9:45	0.0409	MultiRAE Lite (PGM-6208)
26/5/2021	137 Pit B	8.6	14:45	0.0425	MultiRAE Lite (PGM-6208)
26/5/2021	137 Pit A	8.3	9:55	0.0409	MultiRAE Lite (PGM-6208)
26/5/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
26/5/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
26/5/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
26/5/2021	WPR2	2.8	10:15	0.0421	MultiRAE Lite (PGM-6208)
26/5/2021	WPR2	2.8	15:15	0.0410	MultiRAE Lite (PGM-6208)
26/5/2021	WPR4	4	10:25	0.0415	MultiRAE Lite (PGM-6208)
26/5/2021	WPR4	4	15:25	0.0411	MultiRAE Lite (PGM-6208)
26/5/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
26/5/2021	WPR3	2.8	15:45	0.0425	MultiRAE Lite (PGM-6208)
26/5/2021	Pit A	5	10:55	0.0415	MultiRAE Lite (PGM-6208)
26/5/2021	Pit A	5	15:55	0.0411	MultiRAE Lite (PGM-6208)
26/5/2021	Pit B	3.6	11:05	0.0416	MultiRAE Lite (PGM-6208)
26/5/2021	Pit B	3.6	16:05	0.0415	MultiRAE Lite (PGM-6208)
27/5/2021	Area A	5.5	8:30	0.0430	MultiRAE Lite (PGM-6208)
27/5/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
27/5/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
27/5/2021	Area B	2.5	8:45	0.0418	MultiRAE Lite (PGM-6208)
27/5/2021	Area B	2.5	13:45	0.0415	MultiRAE Lite (PGM-6208)
27/5/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
27/5/2021	LF WF2	2.5	8:55	0.0405	MultiRAE Lite (PGM-6208)
27/5/2021	LF WF2	2.5	13:55	0.0435	MultiRAE Lite (PGM-6208)
27/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
27/5/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
27/5/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
27/5/2021	Pit C	8	14:20	0.0420	MultiRAE Lite (PGM-6208)
27/5/2021	137 Pit C	7	9:35	0.0413	MultiRAE Lite (PGM-6208)
27/5/2021	137 Pit C	7	14:35	0.0430	MultiRAE Lite (PGM-6208)
27/5/2021	137 Pit B	8.6	9:45	0.0414	MultiRAE Lite (PGM-6208)
27/5/2021	137 Pit B	8.6	14:45	0.0415	MultiRAE Lite (PGM-6208)
27/5/2021	137 Pit A	8.3	9:55	0.0415	MultiRAE Lite (PGM-6208)
27/5/2021	137 Pit A	8.3	14:55	0.0424	MultiRAE Lite (PGM-6208)
27/5/2021	WPR1	1.5	10:05	0.0407	MultiRAE Lite (PGM-6208)
27/5/2021	WPR1	1.5	15:05	0.0425	MultiRAE Lite (PGM-6208)
27/5/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)
27/5/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)
27/5/2021	WPR4	4	10:25	0.0412	MultiRAE Lite (PGM-6208)
27/5/2021	WPR4	4	15:25	0.0412	MultiRAE Lite (PGM-6208)
27/5/2021	WPR3	2.8	10:45	0.0405	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
27/5/2021	WPR3	2.8	15:45	0.0417	MultiRAE Lite (PGM-6208)
27/5/2021	Pit A	5	10:55	0.0425	MultiRAE Lite (PGM-6208)
27/5/2021	Pit A	5	15:55	0.0417	MultiRAE Lite (PGM-6208)
27/5/2021	Pit B	3.6	11:05	0.0416	MultiRAE Lite (PGM-6208)
27/5/2021	Pit B	3.6	16:05	0.0412	MultiRAE Lite (PGM-6208)
28/5/2021	Area A	5.5	8:30	0.0438	MultiRAE Lite (PGM-6208)
28/5/2021	Area A	5.5	13:30	0.0412	MultiRAE Lite (PGM-6208)
28/5/2021	Area A	5.5	17:00	0.0410	MultiRAE Lite (PGM-6208)
28/5/2021	Area B	2.5	8:45	0.0409	MultiRAE Lite (PGM-6208)
28/5/2021	Area B	2.5	13:45	0.0415	MultiRAE Lite (PGM-6208)
28/5/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
28/5/2021	LF WF2	2.5	8:55	0.0418	MultiRAE Lite (PGM-6208)
28/5/2021	LF WF2	2.5	13:55	0.0415	MultiRAE Lite (PGM-6208)
28/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
28/5/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
28/5/2021	Pit C	8	9:20	0.0409	MultiRAE Lite (PGM-6208)
28/5/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
28/5/2021	137 Pit C	7	9:35	0.0415	MultiRAE Lite (PGM-6208)
28/5/2021	137 Pit C	7	14:35	0.0418	MultiRAE Lite (PGM-6208)
28/5/2021	137 Pit B	8.6	9:45	0.0415	MultiRAE Lite (PGM-6208)
28/5/2021	137 Pit B	8.6	14:45	0.0420	MultiRAE Lite (PGM-6208)
28/5/2021	137 Pit A	8.3	9:55	0.0419	MultiRAE Lite (PGM-6208)
28/5/2021	137 Pit A	8.3	14:55	0.0418	MultiRAE Lite (PGM-6208)

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
28/5/2021	WPR1	2.8	10:05	0.0420	MultiRAE Lite (PGM-6208)
28/5/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
28/5/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)
28/5/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)
28/5/2021	WPR4	4	10:25	0.0421	MultiRAE Lite (PGM-6208)
28/5/2021	WPR4	4	15:25	0.0425	MultiRAE Lite (PGM-6208)
28/5/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
28/5/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
28/5/2021	Pit A	5	10:55	0.0405	MultiRAE Lite (PGM-6208)
28/5/2021	Pit A	5	15:55	0.0415	MultiRAE Lite (PGM-6208)
28/5/2021	Pit B	3.6	11:05	0.0421	MultiRAE Lite (PGM-6208)
28/5/2021	Pit B	3.6	16:05	0.0408	MultiRAE Lite (PGM-6208)
29/5/2021	Area A	5.5	8:30	0.0430	MultiRAE Lite (PGM-6208)
29/5/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
29/5/2021	Area A	5.5	17:00	0.0407	MultiRAE Lite (PGM-6208)
29/5/2021	Area B	2.5	8:45	0.0424	MultiRAE Lite (PGM-6208)
29/5/2021	Area B	2.5	13:45	0.0412	MultiRAE Lite (PGM-6208)
29/5/2021	Area B	2.5	16:45	0.0413	MultiRAE Lite (PGM-6208)
29/5/2021	LF WF2	2.5	8:55	0.0421	MultiRAE Lite (PGM-6208)
29/5/2021	LF WF2	2.5	13:55	0.0415	MultiRAE Lite (PGM-6208)
29/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
29/5/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
29/5/2021	Pit C	8	9:20	0.0421	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
29/5/2021	Pit C	8	14:20	0.0411	MultiRAE Lite (PGM-6208)
29/5/2021	137 Pit C	7	9:35	0.0415	MultiRAE Lite (PGM-6208)
29/5/2021	137 Pit C	7	14:35	0.0419	MultiRAE Lite (PGM-6208)
29/5/2021	137 Pit B	8.6	9:45	0.0417	MultiRAE Lite (PGM-6208)
29/5/2021	137 Pit B	8.6	14:45	0.0423	MultiRAE Lite (PGM-6208)
29/5/2021	137 Pit A	8.3	9:55	0.0422	MultiRAE Lite (PGM-6208)
29/5/2021	137 Pit A	8.3	14:55	0.0419	MultiRAE Lite (PGM-6208)
29/5/2021	WPR1	2.8	10:05	0.0414	MultiRAE Lite (PGM-6208)
29/5/2021	WPR1	2.8	15:05	0.0411	MultiRAE Lite (PGM-6208)
29/5/2021	WPR2	2.8	10:15	0.0420	MultiRAE Lite (PGM-6208)
29/5/2021	WPR2	2.8	15:15	0.0421	MultiRAE Lite (PGM-6208)
29/5/2021	WPR4	4	10:25	0.0415	MultiRAE Lite (PGM-6208)
29/5/2021	WPR4	4	15:25	0.0421	MultiRAE Lite (PGM-6208)
29/5/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
29/5/2021	WPR3	2.8	15:45	0.0421	MultiRAE Lite (PGM-6208)
29/5/2021	Pit A	5	10:55	0.0416	MultiRAE Lite (PGM-6208)
29/5/2021	Pit A	5	15:55	0.0428	MultiRAE Lite (PGM-6208)
29/5/2021	Pit B	3.6	11:05	0.0410	MultiRAE Lite (PGM-6208)
29/5/2021	Pit B	3.6	16:05	0.0415	MultiRAE Lite (PGM-6208)
31/5/2021	Area A	5.5	8:30	0.0418	MultiRAE Lite (PGM-6208)
31/5/2021	Area A	5.5	13:30	0.0431	MultiRAE Lite (PGM-6208)
31/5/2021	Area A	5.5	17:00	0.0412	MultiRAE Lite (PGM-6208)
31/5/2021	Area B	2.5	8:45	0.0415	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
31/5/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
31/5/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
31/5/2021	LF WF2	2.5	8:55	0.0415	MultiRAE Lite (PGM-6208)
31/5/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
31/5/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
31/5/2021	LF WF1	2.5	14:00	0.0409	MultiRAE Lite (PGM-6208)
31/5/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
31/5/2021	Pit C	8	14:20	0.0415	MultiRAE Lite (PGM-6208)
31/5/2021	137 Pit C	7	9:35	0.0413	MultiRAE Lite (PGM-6208)
31/5/2021	137 Pit C	7	14:35	0.0421	MultiRAE Lite (PGM-6208)
31/5/2021	137 Pit B	8.6	9:45	0.0421	MultiRAE Lite (PGM-6208)
31/5/2021	137 Pit B	8.6	14:45	0.0422	MultiRAE Lite (PGM-6208)
31/5/2021	137 Pit A	8.3	9:55	0.0416	MultiRAE Lite (PGM-6208)
31/5/2021	137 Pit A	8.3	14:55	0.0419	MultiRAE Lite (PGM-6208)
31/5/2021	WPR1	2.8	10:05	0.0420	MultiRAE Lite (PGM-6208)
31/5/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
31/5/2021	WPR2	2.8	10:15	0.0416	MultiRAE Lite (PGM-6208)
31/5/2021	WPR2	2.8	15:15	0.0419	MultiRAE Lite (PGM-6208)
31/5/2021	WPR4	4	10:25	0.0429	MultiRAE Lite (PGM-6208)
31/5/2021	WPR4	4	15:25	0.0411	MultiRAE Lite (PGM-6208)
31/5/2021	WPR3	2.8	10:45	0.0406	MultiRAE Lite (PGM-6208)
31/5/2021	WPR3	2.8	15:45	0.0414	MultiRAE Lite (PGM-6208)
31/5/2021	Pit A	5	10:55	0.0429	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
31/5/2021	Pit A	5	15:55	0.0410	MultiRAE Lite (PGM-6208)
31/5/2021	Pit B	3.6	11:05	0.0415	MultiRAE Lite (PGM-6208)
31/5/2021	Pit B	3.6	16:05	0.0411	MultiRAE Lite (PGM-6208)
1/6/2021	Area A	5.5	8:30	0.0417	MultiRAE Lite (PGM-6208)
1/6/2021	Area A	5.5	13:30	0.0422	MultiRAE Lite (PGM-6208)
1/6/2021	Area A	5.5	17:00	0.0419	MultiRAE Lite (PGM-6208)
1/6/2021	Area B	2.5	8:45	0.0404	MultiRAE Lite (PGM-6208)
1/6/2021	Area B	2.5	13:45	0.0412	MultiRAE Lite (PGM-6208)
1/6/2021	Area B	2.5	16:45	0.0422	MultiRAE Lite (PGM-6208)
1/6/2021	LF WF2	2.5	8:55	0.0418	MultiRAE Lite (PGM-6208)
1/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
1/6/2021	LF WF1	2.5	9:00	0.0422	MultiRAE Lite (PGM-6208)
1/6/2021	LF WF1	2.5	14:00	0.0426	MultiRAE Lite (PGM-6208)
1/6/2021	Pit C	8	9:20	0.0419	MultiRAE Lite (PGM-6208)
1/6/2021	Pit C	8	14:20	0.0420	MultiRAE Lite (PGM-6208)
1/6/2021	137 Pit C	7	9:35	0.0429	MultiRAE Lite (PGM-6208)
1/6/2021	137 Pit C	7	14:35	0.0409	MultiRAE Lite (PGM-6208)
1/6/2021	137 Pit B	8.6	9:45	0.0420	MultiRAE Lite (PGM-6208)
1/6/2021	137 Pit B	8.6	14:45	0.0410	MultiRAE Lite (PGM-6208)
1/6/2021	137 Pit A	8.3	9:55	0.0412	MultiRAE Lite (PGM-6208)
1/6/2021	137 Pit A	8.3	14:55	0.0417	MultiRAE Lite (PGM-6208)
1/6/2021	WPR1	1.5	10:05	0.0426	MultiRAE Lite (PGM-6208)
1/6/2021	WPR1	1.5	15:05	0.0406	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
1/6/2021	WPR2	2.8	10:15	0.0418	MultiRAE Lite (PGM-6208)
1/6/2021	WPR2	2.8	15:15	0.0414	MultiRAE Lite (PGM-6208)
1/6/2021	WPR4	4	10:25	0.0420	MultiRAE Lite (PGM-6208)
1/6/2021	WPR4	4	15:25	0.0411	MultiRAE Lite (PGM-6208)
1/6/2021	WPR3	2.8	10:45	0.0429	MultiRAE Lite (PGM-6208)
1/6/2021	WPR3	2.8	15:45	0.0403	MultiRAE Lite (PGM-6208)
1/6/2021	Pit A	5	10:55	0.0415	MultiRAE Lite (PGM-6208)
1/6/2021	Pit A	5	15:55	0.0416	MultiRAE Lite (PGM-6208)
1/6/2021	Pit B	3.6	11:05	0.0423	MultiRAE Lite (PGM-6208)
1/6/2021	Pit B	3.6	16:05	0.0419	MultiRAE Lite (PGM-6208)
2/6/2021	Area A	5.5	8:30	0.0430	MultiRAE Lite (PGM-6208)
2/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
2/6/2021	Area A	5.5	17:00	0.0407	MultiRAE Lite (PGM-6208)
2/6/2021	Area B	2.5	8:45	0.0415	MultiRAE Lite (PGM-6208)
2/6/2021	Area B	2.5	13:45	0.0414	MultiRAE Lite (PGM-6208)
2/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
2/6/2021	LF WF2	2.5	8:55	0.0415	MultiRAE Lite (PGM-6208)
2/6/2021	LF WF2	2.5	13:55	0.0408	MultiRAE Lite (PGM-6208)
2/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
2/6/2021	LF WF1	2.5	14:00	0.0419	MultiRAE Lite (PGM-6208)
2/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
2/6/2021	Pit C	8	14:20	0.0412	MultiRAE Lite (PGM-6208)
2/6/2021	137 Pit C	7	9:35	0.0405	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
2/6/2021	137 Pit C	7	14:35	0.0420	MultiRAE Lite (PGM-6208)
2/6/2021	137 Pit B	8.6	9:45	0.0414	MultiRAE Lite (PGM-6208)
2/6/2021	137 Pit B	8.6	14:45	0.0415	MultiRAE Lite (PGM-6208)
2/6/2021	137 Pit A	8.3	9:55	0.0408	MultiRAE Lite (PGM-6208)
2/6/2021	137 Pit A	8.3	14:55	0.0422	MultiRAE Lite (PGM-6208)
2/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
2/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
2/6/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)
2/6/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)
2/6/2021	WPR4	4	10:25	0.0412	MultiRAE Lite (PGM-6208)
2/6/2021	WPR4	4	15:25	0.0415	MultiRAE Lite (PGM-6208)
2/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
2/6/2021	WPR3	2.8	15:45	0.0425	MultiRAE Lite (PGM-6208)
2/6/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
2/6/2021	Pit A	5	15:55	0.0414	MultiRAE Lite (PGM-6208)
2/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
2/6/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
3/6/2021	Area A	5.5	8:30	0.0408	MultiRAE Lite (PGM-6208)
3/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
3/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
3/6/2021	Area B	2.5	8:45	0.0404	MultiRAE Lite (PGM-6208)
3/6/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
3/6/2021	Area B	2.5	16:45	0.0424	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
3/6/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)
3/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
3/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
3/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
3/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
3/6/2021	Pit C	8	14:20	0.0412	MultiRAE Lite (PGM-6208)
3/6/2021	137 Pit C	7	9:35	0.0435	MultiRAE Lite (PGM-6208)
3/6/2021	137 Pit C	7	14:35	0.0421	MultiRAE Lite (PGM-6208)
3/6/2021	137 Pit B	8.6	9:45	0.0429	MultiRAE Lite (PGM-6208)
3/6/2021	137 Pit B	8.6	14:45	0.0401	MultiRAE Lite (PGM-6208)
3/6/2021	137 Pit A	8.3	9:55	0.0405	MultiRAE Lite (PGM-6208)
3/6/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
3/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
3/6/2021	WPR1	2.8	15:05	0.0407	MultiRAE Lite (PGM-6208)
3/6/2021	WPR2	2.8	10:15	0.0413	MultiRAE Lite (PGM-6208)
3/6/2021	WPR2	2.8	15:15	0.0428	MultiRAE Lite (PGM-6208)
3/6/2021	WPR4	4	10:25	0.0425	MultiRAE Lite (PGM-6208)
3/6/2021	WPR4	4	15:25	0.0403	MultiRAE Lite (PGM-6208)
3/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
3/6/2021	WPR3	2.8	15:45	0.0426	MultiRAE Lite (PGM-6208)
3/6/2021	Pit A	5	10:55	0.0406	MultiRAE Lite (PGM-6208)
3/6/2021	Pit A	5	15:55	0.0422	MultiRAE Lite (PGM-6208)
3/6/2021	Pit B	3.6	11:05	0.0418	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
3/6/2021	Pit B	3.6	16:05	0.0406	MultiRAE Lite (PGM-6208)
4/6/2021	Area A	5.5	8:30	0.0414	MultiRAE Lite (PGM-6208)
4/6/2021	Area A	5.5	13:30	0.0427	MultiRAE Lite (PGM-6208)
4/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
4/6/2021	Area B	2.5	8:45	0.0414	MultiRAE Lite (PGM-6208)
4/6/2021	Area B	2.5	13:45	0.0431	MultiRAE Lite (PGM-6208)
4/6/2021	Area B	2.5	16:45	0.0419	MultiRAE Lite (PGM-6208)
4/6/2021	LF WF2	2.5	8:55	0.0428	MultiRAE Lite (PGM-6208)
4/6/2021	LF WF2	2.5	13:55	0.0405	MultiRAE Lite (PGM-6208)
4/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
4/6/2021	LF WF1	2.5	14:00	0.0416	MultiRAE Lite (PGM-6208)
4/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
4/6/2021	Pit C	8	14:20	0.0412	MultiRAE Lite (PGM-6208)
4/6/2021	137 Pit C	7	9:35	0.0413	MultiRAE Lite (PGM-6208)
4/6/2021	137 Pit C	7	14:35	0.0425	MultiRAE Lite (PGM-6208)
4/6/2021	137 Pit B	8.6	9:45	0.0409	MultiRAE Lite (PGM-6208)
4/6/2021	137 Pit B	8.6	14:45	0.0442	MultiRAE Lite (PGM-6208)
4/6/2021	137 Pit A	8.3	9:55	0.0409	MultiRAE Lite (PGM-6208)
4/6/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
4/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
4/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
4/6/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)
4/6/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
4/6/2021	WPR4	4	10:25	0.0425	MultiRAE Lite (PGM-6208)
4/6/2021	WPR4	4	15:25	0.0412	MultiRAE Lite (PGM-6208)
4/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
4/6/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
4/6/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
4/6/2021	Pit A	5	15:55	0.0415	MultiRAE Lite (PGM-6208)
4/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
4/6/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
5/6/2021	Area A	5.5	8:30	0.0405	MultiRAE Lite (PGM-6208)
5/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
5/6/2021	Area A	5.5	17:00	0.0407	MultiRAE Lite (PGM-6208)
5/6/2021	Area B	2.5	8:45	0.0421	MultiRAE Lite (PGM-6208)
5/6/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
5/6/2021	Area B	2.5	16:45	0.0418	MultiRAE Lite (PGM-6208)
5/6/2021	LF WF2	2.5	8:55	0.0405	MultiRAE Lite (PGM-6208)
5/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
5/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
5/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
5/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
5/6/2021	Pit C	8	14:20	0.0424	MultiRAE Lite (PGM-6208)
5/6/2021	137 Pit C	7	9:35	0.0413	MultiRAE Lite (PGM-6208)
5/6/2021	137 Pit C	7	14:35	0.0415	MultiRAE Lite (PGM-6208)
5/6/2021	137 Pit B	8.6	9:45	0.0407	MultiRAE Lite (PGM-6208)

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5/6/2021	137 Pit B	8.6	14:45	0.0414	MultiRAE Lite (PGM-6208)
5/6/2021	137 Pit A	8.3	9:55	0.0405	MultiRAE Lite (PGM-6208)
5/6/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
5/6/2021	WPR1	2.8	10:05	0.0415	MultiRAE Lite (PGM-6208)
5/6/2021	WPR1	2.8	15:05	0.0410	MultiRAE Lite (PGM-6208)
5/6/2021	WPR2	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
5/6/2021	WPR2	2.8	15:15	0.0421	MultiRAE Lite (PGM-6208)
5/6/2021	WPR4	4	10:25	0.0422	MultiRAE Lite (PGM-6208)
5/6/2021	WPR4	4	15:25	0.0415	MultiRAE Lite (PGM-6208)
5/6/2021	WPR3	2.8	10:45	0.0417	MultiRAE Lite (PGM-6208)
5/6/2021	WPR3	2.8	15:45	0.0420	MultiRAE Lite (PGM-6208)
5/6/2021	Pit A	5	10:55	0.0416	MultiRAE Lite (PGM-6208)
5/6/2021	Pit A	5	15:55	0.0412	MultiRAE Lite (PGM-6208)
5/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
5/6/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
7/6/2021	Area A	5.5	8:30	0.0416	MultiRAE Lite (PGM-6208)
7/6/2021	Area A	5.5	13:30	0.0418	MultiRAE Lite (PGM-6208)
7/6/2021	Area A	5.5	17:00	0.0430	MultiRAE Lite (PGM-6208)
7/6/2021	Area B	2.5	8:45	0.0420	MultiRAE Lite (PGM-6208)
7/6/2021	Area B	2.5	13:45	0.0414	MultiRAE Lite (PGM-6208)
7/6/2021	Area B	2.5	16:45	0.0419	MultiRAE Lite (PGM-6208)
7/6/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)
7/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
7/6/2021	LF WF1	2.5	9:00	0.0427	MultiRAE Lite (PGM-6208)
7/6/2021	LF WF1	2.5	14:00	0.0421	MultiRAE Lite (PGM-6208)
7/6/2021	Pit C	8	9:20	0.0412	MultiRAE Lite (PGM-6208)
7/6/2021	Pit C	8	14:20	0.0426	MultiRAE Lite (PGM-6208)
7/6/2021	137 Pit C	7	9:35	0.0415	MultiRAE Lite (PGM-6208)
7/6/2021	137 Pit C	7	14:35	0.0422	MultiRAE Lite (PGM-6208)
7/6/2021	137 Pit B	8.6	9:45	0.0429	MultiRAE Lite (PGM-6208)
7/6/2021	137 Pit B	8.6	14:45	0.0414	MultiRAE Lite (PGM-6208)
7/6/2021	137 Pit A	8.3	9:55	0.0419	MultiRAE Lite (PGM-6208)
7/6/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
7/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
7/6/2021	WPR1	2.8	15:05	0.0408	MultiRAE Lite (PGM-6208)
7/6/2021	WPR2	2.8	10:15	0.0419	MultiRAE Lite (PGM-6208)
7/6/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)
7/6/2021	WPR4	4	10:25	0.0425	MultiRAE Lite (PGM-6208)
7/6/2021	WPR4	4	15:25	0.0410	MultiRAE Lite (PGM-6208)
7/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
7/6/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
7/6/2021	Pit A	5	10:55	0.0451	MultiRAE Lite (PGM-6208)
7/6/2021	Pit A	5	15:55	0.0425	MultiRAE Lite (PGM-6208)
7/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
7/6/2021	Pit B	3.6	16:05	0.0413	MultiRAE Lite (PGM-6208)
8/6/2021	Area A	5.5	8:30	0.0419	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
8/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
8/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
8/6/2021	Area B	2.5	8:45	0.0408	MultiRAE Lite (PGM-6208)
8/6/2021	Area B	2.5	13:45	0.0415	MultiRAE Lite (PGM-6208)
8/6/2021	Area B	2.5	16:45	0.0414	MultiRAE Lite (PGM-6208)
8/6/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)
8/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
8/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
8/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
8/6/2021	Pit C	8	9:20	0.0412	MultiRAE Lite (PGM-6208)
8/6/2021	Pit C	8	14:20	0.0410	MultiRAE Lite (PGM-6208)
8/6/2021	137 Pit C	7	9:35	0.0415	MultiRAE Lite (PGM-6208)
8/6/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
8/6/2021	137 Pit B	8.6	9:45	0.0424	MultiRAE Lite (PGM-6208)
8/6/2021	137 Pit B	8.6	14:45	0.0415	MultiRAE Lite (PGM-6208)
8/6/2021	137 Pit A	8.3	9:55	0.0405	MultiRAE Lite (PGM-6208)
8/6/2021	137 Pit A	8.3	14:55	0.0426	MultiRAE Lite (PGM-6208)
8/6/2021	WPR1	2.8	10:05	0.0420	MultiRAE Lite (PGM-6208)
8/6/2021	WPR1	2.8	15:05	0.0410	MultiRAE Lite (PGM-6208)
8/6/2021	WPR2	2.8	10:15	0.0408	MultiRAE Lite (PGM-6208)
8/6/2021	WPR2	2.8	15:15	0.0416	MultiRAE Lite (PGM-6208)
8/6/2021	WPR4	4	10:25	0.0419	MultiRAE Lite (PGM-6208)
8/6/2021	WPR4	4	15:25	0.0408	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
8/6/2021	WPR3	2.8	10:45	0.0415	MultiRAE Lite (PGM-6208)
8/6/2021	WPR3	2.8	15:45	0.0416	MultiRAE Lite (PGM-6208)
9/6/2021	Pit A	5	10:55	0.0405	MultiRAE Lite (PGM-6208)
9/6/2021	Pit A	5	15:55	0.0418	MultiRAE Lite (PGM-6208)
9/6/2021	Pit B	3.6	11:05	0.0422	MultiRAE Lite (PGM-6208)
9/6/2021	Pit B	3.6	16:05	0.0427	MultiRAE Lite (PGM-6208)
9/6/2021	Area A	5.5	8:30	0.0418	MultiRAE Lite (PGM-6208)
9/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
9/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
9/6/2021	Area B	2.5	8:45	0.0415	MultiRAE Lite (PGM-6208)
9/6/2021	Area B	2.5	13:45	0.0423	MultiRAE Lite (PGM-6208)
9/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
9/6/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)
9/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
9/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
9/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
9/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
9/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
9/6/2021	137 Pit C	7	9:35	0.0414	MultiRAE Lite (PGM-6208)
9/6/2021	137 Pit C	7	14:35	0.0413	MultiRAE Lite (PGM-6208)
9/6/2021	137 Pit B	8.6	9:45	0.0409	MultiRAE Lite (PGM-6208)
9/6/2021	137 Pit B	8.6	14:45	0.0415	MultiRAE Lite (PGM-6208)
9/6/2021	137 Pit A	8.3	9:55	0.0409	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
9/6/2021	137 Pit A	8.3	14:55	0.0415	MultiRAE Lite (PGM-6208)
9/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
9/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
9/6/2021	WPR2	2.8	10:15	0.0409	MultiRAE Lite (PGM-6208)
9/6/2021	WPR2	2.8	15:15	0.0421	MultiRAE Lite (PGM-6208)
9/6/2021	WPR4	4	10:25	0.0419	MultiRAE Lite (PGM-6208)
9/6/2021	WPR4	4	15:25	0.0425	MultiRAE Lite (PGM-6208)
9/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
9/6/2021	WPR3	2.8	15:45	0.0411	MultiRAE Lite (PGM-6208)
10/6/2021	Pit A	5	10:55	0.0480	MultiRAE Lite (PGM-6208)
10/6/2021	Pit A	5	15:55	0.0426	MultiRAE Lite (PGM-6208)
10/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
10/6/2021	Pit B	3.6	16:05	0.0406	MultiRAE Lite (PGM-6208)
10/6/2021	Area A	5.5	8:30	0.0416	MultiRAE Lite (PGM-6208)
10/6/2021	Area A	5.5	13:30	0.0422	MultiRAE Lite (PGM-6208)
10/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
10/6/2021	Area B	2.5	8:45	0.0428	MultiRAE Lite (PGM-6208)
10/6/2021	Area B	2.5	13:45	0.0431	MultiRAE Lite (PGM-6208)
10/6/2021	Area B	2.5	16:45	0.0406	MultiRAE Lite (PGM-6208)
10/6/2021	LF WF2	2.5	8:55	0.0411	MultiRAE Lite (PGM-6208)
10/6/2021	LF WF2	2.5	13:55	0.0420	MultiRAE Lite (PGM-6208)
10/6/2021	LF WF1	2.5	9:00	0.0418	MultiRAE Lite (PGM-6208)
10/6/2021	LF WF1	2.5	14:00	0.0412	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
10/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
10/6/2021	Pit C	8	14:20	0.0412	MultiRAE Lite (PGM-6208)
10/6/2021	137 Pit C	7	9:35	0.0415	MultiRAE Lite (PGM-6208)
10/6/2021	137 Pit C	7	14:35	0.0413	MultiRAE Lite (PGM-6208)
10/6/2021	137 Pit B	8.6	9:45	0.0413	MultiRAE Lite (PGM-6208)
10/6/2021	137 Pit B	8.6	14:45	0.0419	MultiRAE Lite (PGM-6208)
10/6/2021	137 Pit A	8.3	9:55	0.0415	MultiRAE Lite (PGM-6208)
10/6/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
10/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
10/6/2021	WPR1	2.8	15:05	0.0421	MultiRAE Lite (PGM-6208)
10/6/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)
10/6/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)
10/6/2021	WPR4	4	10:25	0.0425	MultiRAE Lite (PGM-6208)
10/6/2021	WPR4	4	15:25	0.0412	MultiRAE Lite (PGM-6208)
10/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
10/6/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
10/6/2021	Pit A	5	10:55	0.0416	MultiRAE Lite (PGM-6208)
10/6/2021	Pit A	5	15:55	0.0415	MultiRAE Lite (PGM-6208)
10/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
10/6/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
11/6/2021	Area A	5.5	8:30	0.0430	MultiRAE Lite (PGM-6208)
11/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
11/6/2021	Area A	5.5	17:00	0.0427	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
11/6/2021	Area B	2.5	8:45	0.0418	MultiRAE Lite (PGM-6208)
11/6/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
11/6/2021	Area B	2.5	16:45	0.0421	MultiRAE Lite (PGM-6208)
11/6/2021	LF WF2	2.5	8:55	0.0415	MultiRAE Lite (PGM-6208)
11/6/2021	LF WF2	2.5	13:55	0.0408	MultiRAE Lite (PGM-6208)
11/6/2021	LF WF1	2.5	9:00	0.0412	MultiRAE Lite (PGM-6208)
11/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
11/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
11/6/2021	Pit C	8	14:20	0.0422	MultiRAE Lite (PGM-6208)
11/6/2021	137 Pit C	7	9:35	0.0412	MultiRAE Lite (PGM-6208)
11/6/2021	137 Pit C	7	14:35	0.0417	MultiRAE Lite (PGM-6208)
11/6/2021	137 Pit B	8.6	9:45	0.0430	MultiRAE Lite (PGM-6208)
11/6/2021	137 Pit B	8.6	14:45	0.0411	MultiRAE Lite (PGM-6208)
11/6/2021	137 Pit A	8.3	9:55	0.0415	MultiRAE Lite (PGM-6208)
11/6/2021	137 Pit A	8.3	14:55	0.0421	MultiRAE Lite (PGM-6208)
11/6/2021	WPR1	2.8	10:05	0.0418	MultiRAE Lite (PGM-6208)
11/6/2021	WPR1	2.8	15:05	0.0426	MultiRAE Lite (PGM-6208)
11/6/2021	WPR2	2.8	10:15	0.0415	MultiRAE Lite (PGM-6208)
11/6/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)
11/6/2021	WPR4	4	10:25	0.0420	MultiRAE Lite (PGM-6208)
11/6/2021	WPR4	4	15:25	0.0415	MultiRAE Lite (PGM-6208)
11/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
11/6/2021	WPR3	2.8	15:45	0.0413	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
11/6/2021	Pit A	5	10:55	0.0406	MultiRAE Lite (PGM-6208)
11/6/2021	Pit A	5	15:55	0.0421	MultiRAE Lite (PGM-6208)
11/6/2021	Pit B	3.6	11:05	0.0418	MultiRAE Lite (PGM-6208)
11/6/2021	Pit B	3.6	16:05	0.0426	MultiRAE Lite (PGM-6208)
12/6/2021	Area A	5.5	8:30	0.0412	MultiRAE Lite (PGM-6208)
12/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
12/6/2021	Area A	5.5	17:00	0.0412	MultiRAE Lite (PGM-6208)
12/6/2021	Area B	2.5	8:45	0.0424	MultiRAE Lite (PGM-6208)
12/6/2021	Area B	2.5	13:45	0.0418	MultiRAE Lite (PGM-6208)
12/6/2021	Area B	2.5	16:45	0.0418	MultiRAE Lite (PGM-6208)
12/6/2021	LF WF2	2.5	8:55	0.0427	MultiRAE Lite (PGM-6208)
12/6/2021	LF WF2	2.5	13:55	0.0418	MultiRAE Lite (PGM-6208)
12/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
12/6/2021	LF WF1	2.5	14:00	0.0419	MultiRAE Lite (PGM-6208)
12/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
12/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
12/6/2021	137 Pit C	7	9:35	0.0413	MultiRAE Lite (PGM-6208)
12/6/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
12/6/2021	137 Pit B	8.6	9:45	0.0424	MultiRAE Lite (PGM-6208)
12/6/2021	137 Pit B	8.6	14:45	0.0414	MultiRAE Lite (PGM-6208)
12/6/2021	137 Pit A	8.3	9:55	0.0480	MultiRAE Lite (PGM-6208)
12/6/2021	137 Pit A	8.3	14:55	0.0416	MultiRAE Lite (PGM-6208)
12/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
12/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
12/6/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)
12/6/2021	WPR2	2.8	15:15	0.0418	MultiRAE Lite (PGM-6208)
12/6/2021	WPR4	4	10:25	0.0410	MultiRAE Lite (PGM-6208)
12/6/2021	WPR4	4	15:25	0.0425	MultiRAE Lite (PGM-6208)
12/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
12/6/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
12/6/2021	Pit A	5	10:55	0.0422	MultiRAE Lite (PGM-6208)
12/6/2021	Pit A	5	15:55	0.0421	MultiRAE Lite (PGM-6208)
12/6/2021	Pit B	3.6	11:05	0.0413	MultiRAE Lite (PGM-6208)
12/6/2021	Pit B	3.6	16:05	0.0427	MultiRAE Lite (PGM-6208)
15/6/2021	Area A	5.5	8:30	0.0422	MultiRAE Lite (PGM-6208)
15/6/2021	Area A	5.5	13:30	0.0426	MultiRAE Lite (PGM-6208)
15/6/2021	Area A	5.5	17:00	0.0413	MultiRAE Lite (PGM-6208)
15/6/2021	Area B	2.5	8:45	0.0429	MultiRAE Lite (PGM-6208)
15/6/2021	Area B	2.5	13:45	0.0428	MultiRAE Lite (PGM-6208)
15/6/2021	Area B	2.5	16:45	0.0417	MultiRAE Lite (PGM-6208)
15/6/2021	LF WF2	2.5	8:55	0.0414	MultiRAE Lite (PGM-6208)
15/6/2021	LF WF2	2.5	13:55	0.0410	MultiRAE Lite (PGM-6208)
15/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
15/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
15/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
15/6/2021	Pit C	8	14:20	0.0410	MultiRAE Lite (PGM-6208)

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15/6/2021	137 Pit C	7	9:35	0.0418	MultiRAE Lite (PGM-6208)
15/6/2021	137 Pit C	7	14:35	0.0415	MultiRAE Lite (PGM-6208)
15/6/2021	137 Pit B	8.6	9:45	0.0415	MultiRAE Lite (PGM-6208)
15/6/2021	137 Pit B	8.6	14:45	0.0414	MultiRAE Lite (PGM-6208)
15/6/2021	137 Pit A	8.3	9:55	0.0415	MultiRAE Lite (PGM-6208)
15/6/2021	137 Pit A	8.3	14:55	0.0421	MultiRAE Lite (PGM-6208)
15/6/2021	WPR1	2.8	10:05	0.0416	MultiRAE Lite (PGM-6208)
15/6/2021	WPR1	2.8	15:05	0.0416	MultiRAE Lite (PGM-6208)
15/6/2021	WPR2	2.8	10:15	0.0416	MultiRAE Lite (PGM-6208)
15/6/2021	WPR2	2.8	15:15	0.0417	MultiRAE Lite (PGM-6208)
15/6/2021	WPR4	4	10:25	0.0418	MultiRAE Lite (PGM-6208)
15/6/2021	WPR4	4	15:25	0.0418	MultiRAE Lite (PGM-6208)
15/6/2021	WPR3	2.8	10:45	0.0423	MultiRAE Lite (PGM-6208)
15/6/2021	WPR3	2.8	15:45	0.0414	MultiRAE Lite (PGM-6208)
15/6/2021	Pit A	5	10:55	0.0418	MultiRAE Lite (PGM-6208)
15/6/2021	Pit A	5	15:55	0.0410	MultiRAE Lite (PGM-6208)
15/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
15/6/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
16/6/2021	Area A	5.5	8:30	0.0430	MultiRAE Lite (PGM-6208)
16/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
16/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
16/6/2021	Area B	2.5	8:45	0.0424	MultiRAE Lite (PGM-6208)
16/6/2021	Area B	2.5	13:45	0.0423	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
16/6/2021	Area B	2.5	16:45	0.0412	MultiRAE Lite (PGM-6208)
16/6/2021	LF WF2	2.5	8:55	0.0418	MultiRAE Lite (PGM-6208)
16/6/2021	LF WF2	2.5	13:55	0.0423	MultiRAE Lite (PGM-6208)
16/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
16/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
16/6/2021	Pit C	8	9:20	0.0422	MultiRAE Lite (PGM-6208)
16/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
16/6/2021	137 Pit C	7	9:35	0.0435	MultiRAE Lite (PGM-6208)
16/6/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
16/6/2021	137 Pit B	8.6	9:45	0.0414	MultiRAE Lite (PGM-6208)
16/6/2021	137 Pit B	8.6	14:45	0.0425	MultiRAE Lite (PGM-6208)
16/6/2021	137 Pit A	8.3	9:55	0.0426	MultiRAE Lite (PGM-6208)
16/6/2021	137 Pit A	8.3	14:55	0.0415	MultiRAE Lite (PGM-6208)
16/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
16/6/2021	WPR1	2.8	15:05	0.0411	MultiRAE Lite (PGM-6208)
16/6/2021	WPR2	2.8	10:15	0.0422	MultiRAE Lite (PGM-6208)
16/6/2021	WPR2	2.8	15:15	0.0428	MultiRAE Lite (PGM-6208)
16/6/2021	WPR4	4	10:25	0.0421	MultiRAE Lite (PGM-6208)
16/6/2021	WPR4	4	15:25	0.0407	MultiRAE Lite (PGM-6208)
16/6/2021	WPR3	2.8	10:45	0.0418	MultiRAE Lite (PGM-6208)
16/6/2021	WPR3	2.8	15:45	0.0411	MultiRAE Lite (PGM-6208)
16/6/2021	Pit A	5	10:55	0.0415	MultiRAE Lite (PGM-6208)
16/6/2021	Pit A	5	15:55	0.0407	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
16/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
16/6/2021	Pit B	3.6	16:05	0.0426	MultiRAE Lite (PGM-6208)
17/6/2021	Area A	5.5	8:30	0.0426	MultiRAE Lite (PGM-6208)
17/6/2021	Area A	5.5	13:30	0.0422	MultiRAE Lite (PGM-6208)
17/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
17/6/2021	Area B	2.5	8:45	0.0408	MultiRAE Lite (PGM-6208)
17/6/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
17/6/2021	Area B	2.5	16:45	0.0414	MultiRAE Lite (PGM-6208)
17/6/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)
17/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
17/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
17/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
17/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
17/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
17/6/2021	137 Pit C	7	9:35	0.0409	MultiRAE Lite (PGM-6208)
17/6/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
17/6/2021	137 Pit B	8.6	9:45	0.0419	MultiRAE Lite (PGM-6208)
17/6/2021	137 Pit B	8.6	14:45	0.0414	MultiRAE Lite (PGM-6208)
17/6/2021	137 Pit A	8.3	9:55	0.0415	MultiRAE Lite (PGM-6208)
17/6/2021	137 Pit A	8.3	14:55	0.0415	MultiRAE Lite (PGM-6208)
17/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
17/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
17/6/2021	WPR2	2.8	10:15	0.0417	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
17/6/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)
17/6/2021	WPR4	0.6	10:25	0.0410	MultiRAE Lite (PGM-6208)
17/6/2021	WPR4	0.6	15:25	0.0425	MultiRAE Lite (PGM-6208)
17/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
17/6/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
17/6/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
17/6/2021	Pit A	5	15:55	0.0415	MultiRAE Lite (PGM-6208)
17/6/2021	Pit B	3.6	11:05	0.0421	MultiRAE Lite (PGM-6208)
17/6/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
18/6/2021	Area A	5.5	8:30	0.0420	MultiRAE Lite (PGM-6208)
18/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
18/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
18/6/2021	Area B	2.5	8:45	0.0408	MultiRAE Lite (PGM-6208)
18/6/2021	Area B	2.5	13:45	0.0414	MultiRAE Lite (PGM-6208)
18/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
18/6/2021	LF WF2	2.5	8:55	0.0418	MultiRAE Lite (PGM-6208)
18/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
18/6/2021	LF WF1	2.5	9:00	0.0419	MultiRAE Lite (PGM-6208)
18/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
18/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
18/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
18/6/2021	137 Pit C	7	9:35	0.0413	MultiRAE Lite (PGM-6208)
18/6/2021	137 Pit C	7	14:35	0.0435	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
18/6/2021	137 Pit B	8.6	9:45	0.0419	MultiRAE Lite (PGM-6208)
18/6/2021	137 Pit B	8.6	14:45	0.0415	MultiRAE Lite (PGM-6208)
18/6/2021	137 Pit A	8.3	9:55	0.0419	MultiRAE Lite (PGM-6208)
18/6/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
18/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
18/6/2021	WPR1	2.8	15:05	0.0413	MultiRAE Lite (PGM-6208)
18/6/2021	WPR2	2.8	10:15	0.0415	MultiRAE Lite (PGM-6208)
18/6/2021	WPR2	2.8	15:15	0.0416	MultiRAE Lite (PGM-6208)
18/6/2021	WPR4	0.4	10:25	0.0412	MultiRAE Lite (PGM-6208)
18/6/2021	WPR4	0.4	15:25	0.0415	MultiRAE Lite (PGM-6208)
18/6/2021	WPR3	2.8	10:45	0.0424	MultiRAE Lite (PGM-6208)
18/6/2021	WPR3	2.8	15:45	0.0413	MultiRAE Lite (PGM-6208)
18/6/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
18/6/2021	Pit A	5	15:55	0.0415	MultiRAE Lite (PGM-6208)
18/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
18/6/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
19/6/2021	Area A	5.5	8:30	0.0419	MultiRAE Lite (PGM-6208)
19/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
19/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
19/6/2021	Area B	2.5	8:45	0.0408	MultiRAE Lite (PGM-6208)
19/6/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
19/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
19/6/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
19/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
19/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
19/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
19/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
19/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
19/6/2021	137 Pit C	7	9:35	0.0435	MultiRAE Lite (PGM-6208)
19/6/2021	137 Pit C	7	14:35	0.0415	MultiRAE Lite (PGM-6208)
19/6/2021	137 Pit B	8.6	9:45	0.0424	MultiRAE Lite (PGM-6208)
19/6/2021	137 Pit B	8.6	14:45	0.0415	MultiRAE Lite (PGM-6208)
19/6/2021	137 Pit A	8.3	9:55	0.0409	MultiRAE Lite (PGM-6208)
19/6/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
19/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
19/6/2021	WPR1	2.8	15:05	0.0405	MultiRAE Lite (PGM-6208)
19/6/2021	WPR2	0.3	10:15	0.0419	MultiRAE Lite (PGM-6208)
19/6/2021	WPR2	0.3	15:15	0.0416	MultiRAE Lite (PGM-6208)
19/6/2021	WPR4	0.4	10:25	0.0412	MultiRAE Lite (PGM-6208)
19/6/2021	WPR4	0.4	15:25	0.0415	MultiRAE Lite (PGM-6208)
19/6/2021	WPR3	2.8	10:45	0.0410	MultiRAE Lite (PGM-6208)
19/6/2021	WPR3	2.8	15:45	0.0416	MultiRAE Lite (PGM-6208)
19/6/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
19/6/2021	Pit A	5	15:55	0.0416	MultiRAE Lite (PGM-6208)
19/6/2021	Pit B	3.6	11:05	0.0419	MultiRAE Lite (PGM-6208)
19/6/2021	Pit B	3.6	16:05	0.0421	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
21/6/2021	Area A	5.5	8:30	0.0421	MultiRAE Lite (PGM-6208)
21/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
21/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
21/6/2021	Area B	2.5	8:45	0.0408	MultiRAE Lite (PGM-6208)
21/6/2021	Area B	2.5	13:45	0.0414	MultiRAE Lite (PGM-6208)
21/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
21/6/2021	LF WF2	2.5	8:55	0.0418	MultiRAE Lite (PGM-6208)
21/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
21/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
21/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
21/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
21/6/2021	Pit C	8	14:20	0.0419	MultiRAE Lite (PGM-6208)
21/6/2021	137 Pit C	7	9:35	0.0423	MultiRAE Lite (PGM-6208)
21/6/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
21/6/2021	137 Pit B	8.6	9:45	0.0426	MultiRAE Lite (PGM-6208)
21/6/2021	137 Pit B	8.6	14:45	0.0410	MultiRAE Lite (PGM-6208)
21/6/2021	137 Pit A	8.3	9:55	0.0421	MultiRAE Lite (PGM-6208)
21/6/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
21/6/2021	WPR1	2.8	10:05	0.0416	MultiRAE Lite (PGM-6208)
21/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
21/6/2021	WPR2	0.3	10:15	0.0410	MultiRAE Lite (PGM-6208)
21/6/2021	WPR2	0.3	15:15	0.0426	MultiRAE Lite (PGM-6208)
21/6/2021	WPR4	0.4	10:25	0.0431	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
21/6/2021	WPR4	0.4	15:25	0.0428	MultiRAE Lite (PGM-6208)
21/6/2021	WPR3	2.8	10:45	0.0415	MultiRAE Lite (PGM-6208)
21/6/2021	WPR3	2.8	15:45	0.0424	MultiRAE Lite (PGM-6208)
21/6/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
21/6/2021	Pit A	5	15:55	0.0405	MultiRAE Lite (PGM-6208)
21/6/2021	Pit B	3.6	11:05	0.0410	MultiRAE Lite (PGM-6208)
21/6/2021	Pit B	3.6	16:05	0.0412	MultiRAE Lite (PGM-6208)
22/6/2021	Area A	5.5	8:30	0.0420	MultiRAE Lite (PGM-6208)
22/6/2021	Area A	5.5	13:30	0.0426	MultiRAE Lite (PGM-6208)
22/6/2021	Area A	5.5	17:00	0.0408	MultiRAE Lite (PGM-6208)
22/6/2021	Area B	2.5	8:45	0.0424	MultiRAE Lite (PGM-6208)
22/6/2021	Area B	2.5	13:45	0.0411	MultiRAE Lite (PGM-6208)
22/6/2021	Area B	2.5	16:45	0.0431	MultiRAE Lite (PGM-6208)
22/6/2021	LF WF2	2.5	8:55	0.0429	MultiRAE Lite (PGM-6208)
22/6/2021	LF WF2	2.5	13:55	0.0406	MultiRAE Lite (PGM-6208)
22/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
22/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
22/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
22/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
22/6/2021	137 Pit C	7	9:35	0.0430	MultiRAE Lite (PGM-6208)
22/6/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
22/6/2021	137 Pit B	8.6	9:45	0.0419	MultiRAE Lite (PGM-6208)
22/6/2021	137 Pit B	8.6	14:45	0.0411	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
22/6/2021	137 Pit A	8.3	9:55	0.0405	MultiRAE Lite (PGM-6208)
22/6/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
22/6/2021	WPR1	2.8	10:05	0.0405	MultiRAE Lite (PGM-6208)
22/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
22/6/2021	WPR2	0.3	10:15	0.0415	MultiRAE Lite (PGM-6208)
22/6/2021	WPR2	0.3	15:15	0.0415	MultiRAE Lite (PGM-6208)
22/6/2021	WPR4	0.4	10:25	0.0425	MultiRAE Lite (PGM-6208)
22/6/2021	WPR4	0.4	15:25	0.0421	MultiRAE Lite (PGM-6208)
22/6/2021	WPR3	2.8	10:45	0.0426	MultiRAE Lite (PGM-6208)
22/6/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
22/6/2021	Pit A	5	10:55	0.0416	MultiRAE Lite (PGM-6208)
22/6/2021	Pit A	5	15:55	0.0410	MultiRAE Lite (PGM-6208)
22/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
22/6/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
23/6/2021	Area A	5.5	8:30	0.0430	MultiRAE Lite (PGM-6208)
23/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
23/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
23/6/2021	Area B	2.5	8:45	0.0425	MultiRAE Lite (PGM-6208)
23/6/2021	Area B	2.5	13:45	0.0414	MultiRAE Lite (PGM-6208)
23/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
23/6/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)
23/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
23/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
23/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
23/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
23/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
23/6/2021	137 Pit C	7	9:35	0.0423	MultiRAE Lite (PGM-6208)
23/6/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
23/6/2021	137 Pit B	8.6	9:45	0.0424	MultiRAE Lite (PGM-6208)
23/6/2021	137 Pit B	8.6	14:45	0.0415	MultiRAE Lite (PGM-6208)
23/6/2021	137 Pit A	8.3	9:55	0.0405	MultiRAE Lite (PGM-6208)
23/6/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
23/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
23/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
23/6/2021	WPR2	0.3	10:15	0.0410	MultiRAE Lite (PGM-6208)
23/6/2021	WPR2	0.3	15:15	0.0415	MultiRAE Lite (PGM-6208)
23/6/2021	WPR4	0.4	10:25	0.0425	MultiRAE Lite (PGM-6208)
23/6/2021	WPR4	0.4	15:25	0.0415	MultiRAE Lite (PGM-6208)
23/6/2021	WPR3	2.8	10:45	0.0410	MultiRAE Lite (PGM-6208)
23/6/2021	WPR3	2.8	15:45	0.0423	MultiRAE Lite (PGM-6208)
23/6/2021	Pit A	5	10:55	0.0426	MultiRAE Lite (PGM-6208)
23/6/2021	Pit A	5	15:55	0.0410	MultiRAE Lite (PGM-6208)
23/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
23/6/2021	Pit B	3.6	16:05	0.0413	MultiRAE Lite (PGM-6208)
24/6/2021	Area A	5.5	8:30	0.0438	MultiRAE Lite (PGM-6208)
24/6/2021	Area A	5.5	13:30	0.0421	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
24/6/2021	Area A	5.5	17:00	0.0408	MultiRAE Lite (PGM-6208)
24/6/2021	Area B	2.5	8:45	0.0418	MultiRAE Lite (PGM-6208)
24/6/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
24/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
24/6/2021	LF WF2	2.5	8:55	0.0415	MultiRAE Lite (PGM-6208)
24/6/2021	LF WF2	2.5	13:55	0.0424	MultiRAE Lite (PGM-6208)
24/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
24/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
24/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
24/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
24/6/2021	137 Pit C	7	9:35	0.0431	MultiRAE Lite (PGM-6208)
24/6/2021	137 Pit C	7	14:35	0.0401	MultiRAE Lite (PGM-6208)
24/6/2021	137 Pit B	8.6	9:45	0.0425	MultiRAE Lite (PGM-6208)
24/6/2021	137 Pit B	8.6	14:45	0.0410	MultiRAE Lite (PGM-6208)
24/6/2021	137 Pit A	8.3	9:55	0.0415	MultiRAE Lite (PGM-6208)
24/6/2021	137 Pit A	8.3	14:55	0.0415	MultiRAE Lite (PGM-6208)
24/6/2021	WPR1	2.8	10:05	0.0416	MultiRAE Lite (PGM-6208)
24/6/2021	WPR1	2.8	15:05	0.0424	MultiRAE Lite (PGM-6208)
24/6/2021	WPR2	0.3	10:15	0.0410	MultiRAE Lite (PGM-6208)
24/6/2021	WPR2	0.3	15:15	0.0406	MultiRAE Lite (PGM-6208)
24/6/2021	WPR4	0.4	10:25	0.0420	MultiRAE Lite (PGM-6208)
24/6/2021	WPR4	0.4	15:25	0.0410	MultiRAE Lite (PGM-6208)
24/6/2021	WPR3	2.8	10:45	0.0424	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
24/6/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
24/6/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
24/6/2021	Pit A	5	15:55	0.0415	MultiRAE Lite (PGM-6208)
24/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
24/6/2021	Pit B	3.6	16:05	0.0421	MultiRAE Lite (PGM-6208)
25/6/2021	Area A	5.5	8:30	0.0426	MultiRAE Lite (PGM-6208)
25/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
25/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
25/6/2021	Area B	2.5	8:45	0.0408	MultiRAE Lite (PGM-6208)
25/6/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
25/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
25/6/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)
25/6/2021	LF WF2	2.5	13:55	0.0416	MultiRAE Lite (PGM-6208)
25/6/2021	LF WF1	2.5	9:00	0.0422	MultiRAE Lite (PGM-6208)
25/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
25/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
25/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
25/6/2021	137 Pit C	7	9:35	0.0435	MultiRAE Lite (PGM-6208)
25/6/2021	137 Pit C	7	14:35	0.0401	MultiRAE Lite (PGM-6208)
25/6/2021	137 Pit B	8.6	9:45	0.0409	MultiRAE Lite (PGM-6208)
25/6/2021	137 Pit B	8.6	14:45	0.0415	MultiRAE Lite (PGM-6208)
25/6/2021	137 Pit A	8.3	9:55	0.0419	MultiRAE Lite (PGM-6208)
25/6/2021	137 Pit A	8.3	14:55	0.0415	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
25/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
25/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
25/6/2021	WPR2	0.3	10:15	0.0415	MultiRAE Lite (PGM-6208)
25/6/2021	WPR2	0.3	15:15	0.0415	MultiRAE Lite (PGM-6208)
25/6/2021	WPR4	0.4	10:25	0.0410	MultiRAE Lite (PGM-6208)
25/6/2021	WPR4	0.4	15:25	0.0412	MultiRAE Lite (PGM-6208)
25/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
25/6/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
25/6/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
25/6/2021	Pit A	5	15:55	0.0415	MultiRAE Lite (PGM-6208)
25/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
25/6/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
26/6/2021	Area A	5.5	8:30	0.0426	MultiRAE Lite (PGM-6208)
26/6/2021	Area A	5.5	13:30	0.0413	MultiRAE Lite (PGM-6208)
26/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
26/6/2021	Area B	2.5	8:45	0.0426	MultiRAE Lite (PGM-6208)
26/6/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
26/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
26/6/2021	LF WF2	2.5	8:55	0.0418	MultiRAE Lite (PGM-6208)
26/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
26/6/2021	LF WF1	2.5	9:00	0.0403	MultiRAE Lite (PGM-6208)
26/6/2021	LF WF1	2.5	14:00	0.0426	MultiRAE Lite (PGM-6208)
26/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
26/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
26/6/2021	137 Pit C	7	9:35	0.0431	MultiRAE Lite (PGM-6208)
26/6/2021	137 Pit C	7	14:35	0.0424	MultiRAE Lite (PGM-6208)
26/6/2021	137 Pit B	8.6	9:45	0.0410	MultiRAE Lite (PGM-6208)
26/6/2021	137 Pit B	8.6	14:45	0.0411	MultiRAE Lite (PGM-6208)
26/6/2021	137 Pit A	8.3	9:55	0.0425	MultiRAE Lite (PGM-6208)
26/6/2021	137 Pit A	8.3	14:55	0.0426	MultiRAE Lite (PGM-6208)
26/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
26/6/2021	WPR1	2.8	15:05	0.0406	MultiRAE Lite (PGM-6208)
26/6/2021	WPR2	0.3	10:15	0.0423	MultiRAE Lite (PGM-6208)
26/6/2021	WPR2	0.3	15:15	0.0415	MultiRAE Lite (PGM-6208)
26/6/2021	WPR4	0.4	10:25	0.0410	MultiRAE Lite (PGM-6208)
26/6/2021	WPR4	0.4	15:25	0.0422	MultiRAE Lite (PGM-6208)
26/6/2021	WPR3	2.8	10:45	0.0412	MultiRAE Lite (PGM-6208)
26/6/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
26/6/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
26/6/2021	Pit A	5	15:55	0.0423	MultiRAE Lite (PGM-6208)
26/6/2021	Pit B	3.6	11:05	0.0416	MultiRAE Lite (PGM-6208)
26/6/2021	Pit B	3.6	16:05	0.0427	MultiRAE Lite (PGM-6208)
28/6/2021	Area A	5.5	8:30	0.0430	MultiRAE Lite (PGM-6208)
28/6/2021	Area A	5.5	13:30	0.0418	MultiRAE Lite (PGM-6208)
28/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
28/6/2021	Area B	2.5	8:45	0.0414	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
28/6/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
28/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
28/6/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)
28/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
28/6/2021	LF WF1	2.5	9:00	0.0419	MultiRAE Lite (PGM-6208)
28/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
28/6/2021	Pit C	8	9:20	0.0409	MultiRAE Lite (PGM-6208)
28/6/2021	Pit C	8	14:20	0.0414	MultiRAE Lite (PGM-6208)
28/6/2021	137 Pit C	7	9:35	0.0409	MultiRAE Lite (PGM-6208)
28/6/2021	137 Pit C	7	14:35	0.0404	MultiRAE Lite (PGM-6208)
28/6/2021	137 Pit B	8.6	9:45	0.0413	MultiRAE Lite (PGM-6208)
28/6/2021	137 Pit B	8.6	14:45	0.0424	MultiRAE Lite (PGM-6208)
28/6/2021	137 Pit A	8.3	9:55	0.0429	MultiRAE Lite (PGM-6208)
28/6/2021	137 Pit A	8.3	14:55	0.0408	MultiRAE Lite (PGM-6208)
28/6/2021	WPR1	2.8	10:05	0.0417	MultiRAE Lite (PGM-6208)
28/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
28/6/2021	WPR2	0.3	10:15	0.0415	MultiRAE Lite (PGM-6208)
28/6/2021	WPR2	0.3	15:15	0.0410	MultiRAE Lite (PGM-6208)
28/6/2021	WPR4	0.4	10:25	0.0418	MultiRAE Lite (PGM-6208)
28/6/2021	WPR4	0.4	15:25	0.0412	MultiRAE Lite (PGM-6208)
28/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
28/6/2021	WPR3	2.8	15:45	0.0424	MultiRAE Lite (PGM-6208)
28/6/2021	Pit A	5	10:55	0.0413	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
28/6/2021	Pit A	5	15:55	0.0426	MultiRAE Lite (PGM-6208)
28/6/2021	Pit B	3.6	11:05	0.0418	MultiRAE Lite (PGM-6208)
28/6/2021	Pit B	3.6	16:05	0.0418	MultiRAE Lite (PGM-6208)
29/6/2021	Area A	5.5	8:30	0.0429	MultiRAE Lite (PGM-6208)
29/6/2021	Area A	5.5	13:30	0.0406	MultiRAE Lite (PGM-6208)
29/6/2021	Area A	5.5	17:00	0.0410	MultiRAE Lite (PGM-6208)
29/6/2021	Area B	2.5	8:45	0.0430	MultiRAE Lite (PGM-6208)
29/6/2021	Area B	2.5	13:45	0.0422	MultiRAE Lite (PGM-6208)
29/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
29/6/2021	LF WF2	2.5	8:55	0.0418	MultiRAE Lite (PGM-6208)
29/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
29/6/2021	LF WF1	2.5	9:00	0.0409	MultiRAE Lite (PGM-6208)
29/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
29/6/2021	Pit C	8	9:20	0.0420	MultiRAE Lite (PGM-6208)
29/6/2021	Pit C	8	14:20	0.0411	MultiRAE Lite (PGM-6208)
29/6/2021	137 Pit C	7	9:35	0.0435	MultiRAE Lite (PGM-6208)
29/6/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
29/6/2021	137 Pit B	8.6	9:45	0.0418	MultiRAE Lite (PGM-6208)
29/6/2021	137 Pit B	8.6	14:45	0.0419	MultiRAE Lite (PGM-6208)
29/6/2021	137 Pit A	8.3	9:55	0.0415	MultiRAE Lite (PGM-6208)
29/6/2021	137 Pit A	8.3	14:55	0.0414	MultiRAE Lite (PGM-6208)
29/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
29/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)



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29/6/2021	WPR2	2	10:15	0.0417	MultiRAE Lite (PGM-6208)
29/6/2021	WPR2	2	15:15	0.0417	MultiRAE Lite (PGM-6208)
29/6/2021	WPR4	0.4	10:25	0.0425	MultiRAE Lite (PGM-6208)
29/6/2021	WPR4	0.4	15:25	0.0415	MultiRAE Lite (PGM-6208)
29/6/2021	WPR3	2.8	10:45	0.0410	MultiRAE Lite (PGM-6208)
29/6/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
29/6/2021	Pit A	5	10:55	0.0420	MultiRAE Lite (PGM-6208)
29/6/2021	Pit A	5	15:55	0.0415	MultiRAE Lite (PGM-6208)
29/6/2021	Pit B	3.6	11:05	0.0411	MultiRAE Lite (PGM-6208)
29/6/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
30/6/2021	Area A	5.5	8:30	0.0430	MultiRAE Lite (PGM-6208)
30/6/2021	Area A	5.5	13:30	0.0410	MultiRAE Lite (PGM-6208)
30/6/2021	Area A	5.5	17:00	0.0417	MultiRAE Lite (PGM-6208)
30/6/2021	Area B	2.5	8:45	0.0408	MultiRAE Lite (PGM-6208)
30/6/2021	Area B	2.5	13:45	0.0413	MultiRAE Lite (PGM-6208)
30/6/2021	Area B	2.5	16:45	0.0416	MultiRAE Lite (PGM-6208)
30/6/2021	LF WF2	2.5	8:55	0.0408	MultiRAE Lite (PGM-6208)
30/6/2021	LF WF2	2.5	13:55	0.0413	MultiRAE Lite (PGM-6208)
30/6/2021	LF WF1	2.5	9:00	0.0419	MultiRAE Lite (PGM-6208)
30/6/2021	LF WF1	2.5	14:00	0.0414	MultiRAE Lite (PGM-6208)
30/6/2021	Pit C	8	9:20	0.0409	MultiRAE Lite (PGM-6208)
30/6/2021	Pit C	8	14:20	0.0420	MultiRAE Lite (PGM-6208)
30/6/2021	137 Pit C	7	9:35	0.0413	MultiRAE Lite (PGM-6208)

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30/6/2021	137 Pit C	7	14:35	0.0414	MultiRAE Lite (PGM-6208)
30/6/2021	137 Pit B	8.6	9:45	0.0409	MultiRAE Lite (PGM-6208)
30/6/2021	137 Pit B	8.6	14:45	0.0414	MultiRAE Lite (PGM-6208)
30/6/2021	137 Pit A	8.3	9:55	0.0419	MultiRAE Lite (PGM-6208)
30/6/2021	137 Pit A	8.3	14:55	0.0415	MultiRAE Lite (PGM-6208)
30/6/2021	WPR1	2.8	10:05	0.0410	MultiRAE Lite (PGM-6208)
30/6/2021	WPR1	2.8	15:05	0.0415	MultiRAE Lite (PGM-6208)
30/6/2021	WPR2	2.8	10:15	0.0410	MultiRAE Lite (PGM-6208)
30/6/2021	WPR2	2.8	15:15	0.0415	MultiRAE Lite (PGM-6208)
30/6/2021	WPR4	4	10:25	0.0410	MultiRAE Lite (PGM-6208)
30/6/2021	WPR4	4	15:25	0.0412	MultiRAE Lite (PGM-6208)
30/6/2021	WPR3	2.8	10:45	0.0414	MultiRAE Lite (PGM-6208)
30/6/2021	WPR3	2.8	15:45	0.0415	MultiRAE Lite (PGM-6208)
30/6/2021	Pit A	5	10:55	0.0410	MultiRAE Lite (PGM-6208)
30/6/2021	Pit A	5	15:55	0.0413	MultiRAE Lite (PGM-6208)
30/6/2021	Pit B	3.6	11:05	0.0426	MultiRAE Lite (PGM-6208)
30/6/2021	Pit B	3.6	16:05	0.0416	MultiRAE Lite (PGM-6208)
2/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
2/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
2/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)

Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
3/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
3/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
3/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
5/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	WPR3	2.5	10:45	0.0400	MultiRAE Lite (PGM-6208)
5/7/2021	WPR3	2.5	15:45	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
6/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
6/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
7/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
7/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
8/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
8/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
8/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
9/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
9/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
10/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
10/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
12/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Pit D	1	9:15	0.0400	MultiRAE Lite (PGM-6208)
12/7/2021	Pit D	1	14:15	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
13/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
13/7/2021	Pit D	1	9:15	0.0400	MultiRAE Lite (PGM-6208)
13/7/2021	Pit D	1	14:15	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
14/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Pit D	1	9:15	0.0400	MultiRAE Lite (PGM-6208)
14/7/2021	Pit D	1	14:15	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
15/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Pit D	1	9:15	0.0400	MultiRAE Lite (PGM-6208)
15/7/2021	Pit D	1	14:15	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
16/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Pit D	1	9:15	0.0400	MultiRAE Lite (PGM-6208)
16/7/2021	Pit D	1	14:15	0.0400	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
17/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
17/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Pit D	1	9:15	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Pit D	1	14:15	0.0400	MultiRAE Lite (PGM-6208)
17/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
19/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Pit D	1	9:15	0.0400	MultiRAE Lite (PGM-6208)
19/7/2021	Pit D	1	14:15	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
20/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Pit D	1	9:15	0.0400	MultiRAE Lite (PGM-6208)
20/7/2021	Pit D	1	14:15	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
21/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
21/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Pit D	1	9:15	0.0400	MultiRAE Lite (PGM-6208)
21/7/2021	Pit D	1	14:15	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
22/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Pit D	1	9:15	0.0400	MultiRAE Lite (PGM-6208)
22/7/2021	Pit D	1	14:15	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)



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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
23/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Pit D	1	9:15	0.0400	MultiRAE Lite (PGM-6208)
23/7/2021	Pit D	1	14:15	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
24/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
24/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Pit D	2.5	9:15	0.0400	MultiRAE Lite (PGM-6208)
24/7/2021	Pit D	2.5	14:15	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
26/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Pit D	2.5	9:15	0.0400	MultiRAE Lite (PGM-6208)
26/7/2021	Pit D	2.5	14:15	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
27/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Pit D	2.5	9:15	0.0400	MultiRAE Lite (PGM-6208)
27/7/2021	Pit D	2.5	14:15	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
28/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
28/7/2021	Pit D	2.5	9:15	0.0400	MultiRAE Lite (PGM-6208)

**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
28/7/2021	Pit D	2.5	14:15	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)



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**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
29/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Pit D	2.5	9:15	0.0400	MultiRAE Lite (PGM-6208)
29/7/2021	Pit D	2.5	14:15	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)

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**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**



Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
30/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Pit D	2.5	9:15	0.0400	MultiRAE Lite (PGM-6208)
30/7/2021	Pit D	2.5	14:15	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Area A	5.5	8:30	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Area A	5.5	13:30	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Area A	5.5	17:00	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Area B	2.5	8:45	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Area B	2.5	13:45	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Area B	2.5	16:45	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	LF WF2	2.5	8:55	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	LF WF2	2.5	13:55	0.0400	MultiRAE Lite (PGM-6208)

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Date of Measurement	Sampling Location	Depth (m)	Sampling time	Carbon Dioxide (%)	Measurement Equipment
31/7/2021	LF WF1	2.5	9:00	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	LF WF1	2.5	14:00	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Pit C	8	9:25	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Pit C	8	14:25	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	137 Pit C	7	9:45	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	137 Pit C	7	14:45	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	137 Pit B	8.6	9:55	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	137 Pit B	8.6	14:55	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	137 Pit A	8.3	10:05	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	137 Pit A	8.3	15:05	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	WPR1	2.8	10:15	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	WPR1	2.8	15:15	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	WPR2	3.5	10:25	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	WPR2	3.5	15:25	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	WPR3	2.8	10:45	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	WPR3	2.8	15:45	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Pit A	5	10:55	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Pit A	5	15:55	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Pit B	3.6	11:05	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Pit B	3.6	16:05	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Pit D	2.5	9:15	0.0400	MultiRAE Lite (PGM-6208)
31/7/2021	Pit D	2.5	14:15	0.0400	MultiRAE Lite (PGM-6208)

## Appendix I

### Complaint Log and Regulatory Compliance Proforma

**Contract No. 13/WSD/16**  
**Mainlaying in Tseung Kwan O**  
**12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021**

**Statistical Summary of Environmental Complaints**

Reporting Period	Environmental Complaint Statistics		
	Frequency	Cumulative	Complaint Nature
1 May 2021- 31 July 2021	1	3	One project-related environmental complaint was received and the site condition of the concerned area was reviewed by ET. ET noted that although there was no excavation works on-going or scheduled recently, clearance works and works that create disturbance to ground surface were previously conducted. To prevent the muddy water discharge from the construction site, the contractor has implemented and enhanced the mitigation measures to cater for any upcoming rainstorms or heavy precipitation from the site. Sandbags are placed along the site boundary and submersible pump is provided to direct the runoff to the wastewater treatment tank before reusing or discharging into the designated discharge point. Cement application to exposed earth within the site was also observed during the inspection on 13 August 2021, which was being implemented to prevent erosion caused by the precipitation. The temporarily exposed slope and areas were covered by tarpaulin.

**Statistical Summary of Environmental Summons**

Reporting Period	Environmental Summons Statistics		
	Frequency	Cumulative	Details
1 May 2021- 31 July 2021	0	0	N/A

**Statistical Summary of Environmental Prosecution**

Reporting Period	Environmental Prosecution Statistics		
	Frequency	Cumulative	Details
1 May 2021- 31 July 2021	0	0	N/A

## Appendix J

# Noise Impact Monitoring Result

Monitoring Data for NSR4 Creative Secondary School

Date	Time	Weather	Leq-5min, dB(A)						Leq-30min, dB(A)	Leq30 (min) L <sub>10</sub> dB(A)	Leq30 (min) L <sub>90</sub> dB(A)	Limit Level, dB(A)*	Adjusted Measured Level dB(A)**
			Reading (1)	Reading (2)	Reading (3)	Reading (4)	Reading (5)	Reading (6)					
07/05/2021*	11:45 - 12:15	Sunny	68.7	68.1	69.2	65.4	66.8	67.7	67.8	71.4	58.6	65.0	64.6
13/05/2021	14:07 - 14:37	Sunny	65.6	67.9	67.3	68.4	67.9	69.1	67.8	71.4	58.2	70.0	--
21/05/2021*	11:15 - 11:45	Sunny	67.1	68.7	67.8	66.0	68.7	68.2	67.8	71.5	59.9	65.0	64.7
26/05/2021*	11:58 - 12:28	Sunny	67.8	66.3	69.3	68.3	68.3	67.3	68.0	72.5	61.1	65.0	64.9
03/06/2021	11:35 - 12:05	Sunny	67.5	70.4	70.2	69.7	65.8	64.8	68.6	71.8	61.2	70.0	--
10/06/2021	11:22 - 11:52	cloudy	66.7	66.3	68.3	67.5	67.1	66.6	67.1	70.5	59.8	70.0	--
19/06/2021	11:48 - 12:18	Sunny	65.4	67.3	66.9	67.9	65.8	66.8	66.8	70.1	57.6	70.0	--
25/06/2021	14:02 - 14:32	cloudy	68.5	69.1	68.7	69.4	67.6	67.1	68.5	71.9	61.1	70.0	--
02/07/2021	09:20 - 09:50	cloudy	68.3	68.7	69.2	68.6	68.9	67.4	68.6	71.9	60.8	70.0	--
08/07/2021	11:18 - 11:48	Sunny	67.4	69.6	65.5	67.9	68.6	68.0	68.0	71.5	58.7	70.0	--
16/07/2021	11:03 - 11:33	Sunny	67.6	68.6	67.4	69.0	66.6	67.9	67.9	71.1	60.7	70.0	--
20/07/2021	11:10 - 11:40	cloudy	66.7	68.3	69.7	69.0	68.0	68.9	68.5	71.2	63.5	70.0	--
28/07/2021	11:16 - 11:46	Sunny	66.0	69.1	65.5	69.4	68.7	68.1	68.0	71.4	60.2	70.0	--

Remarks:

\*NSR4 was appointed as a Hong Kong Diploma of Secondary Education Examination (HKDSE) examination centre from 03<sup>rd</sup> to 15<sup>th</sup> May, 2021 in the reporting period. Examinations were scheduled in the reporting month on 21<sup>st</sup> and 26<sup>th</sup> May, 2021. Hence the noise limit level was 65.0 dB(A) on 07<sup>th</sup>, 21<sup>st</sup> and 26<sup>th</sup> May, 2021. The noise limit level was 70 dB(A) for other impact monitoring dates. DSE examination schedule and Academic School Calendar can be found in **Appendix O**.

\*\* Adjusted Measured Level =  $10 \cdot \log(10^{0.1 \cdot \text{measured level}} - 10^{0.1 \cdot \text{baseline level during examination}})$

\*\* Adjusted Measured Level on 07/05/2021, 21/05/2021 and 26/05/2021 =  $10 \cdot \log(10^{0.1 \cdot \text{measured level}} - 10^{0.1 \cdot 65.0})$



# Appendix K

## Academic School Calendar

Contract No. 13/WSD/16  
 Mainlaying in Tseung Kwan O  
 12<sup>th</sup> Quarterly EM&A Report for May 2021 to Jul 2021



CREATIVE SECONDARY SCHOOL CALENDAR 2020-2021								
Month	Day	Su	Mo	Tu	We	Th	Fr	Sa
August	2							
		9	10	11	12	13	14	15
		16	17	18	19	20	21	22
		23	24A	25B	26C	27D	28E	29
		30	31F					
September	2			1A	2B	3C	4D	5
	3	6	7E	8F	9A	10B	11C	12
		13	14D	15E	16F	17A	18B	19
	4	20	21C	22D	23E	24F	25A	26
	5	27	28B	29C	30			
October								
		4	5D	6E	7F	8A	9B	10
	6	11	12C	13D	14E	15F	16A	17
		18	19	20	21	22	23	24
	7	25	26	27B	28C	29D	30E	31
November	8	1	2F	3A	4B	5C	6D	7
		8	9	10E	11F	12A	13B	14
	9	15	16C	17D	18E	19F	20A	21
	10	22	23B	24C	25D	26E	27F	28
	11	29	30A					
December				1B	2C	3D	4D	5
	12	6	7E	8F	9A	10B	11C	12
		13	14D	15E	16F	17A	18B	19
		20	21	22	23	24	25	26
		27	28	29	30	31		
January								
	13	3	4C	5D	6E	7F	8A	9
	14	10	11B	12C	13D	14E	15F	16
	15	17	18A	19B	20C	21D	22E	23
	16	24	25F	26A	27B	28C	29D	30
		31						
February	17		1E	2F	3A	4B	5C	6
		7	8D	9E	10	11	12	13
		14	15	16	17	18	19	20
	18	21	22F	23A	24B	25C	26D	27
	28							
March	19		1E	2F	3A	4B	5C	6
		7	8D	9E	10F	11A	12B	13
	20	14	15C	16D	17E	18F	19A	20
		21	22	23	24	25	26	27
	21	28	29B	30C	31D			
April								
		4	5	6	7	8	9	10
	22	11	12E	13F	14A	15B	16C	17
		18	19D	20E	21F	22A	23B	24
	23	25	26C	27D	28E	29F	30A	
May								
	24	2	3B	4C	5D	6E	7F	8
	25	9	10A	11B	12C	13D	14E	15
	26	16	17F	18A	19B	20C	21D	22
		23	24D	25E	26F	27A	28B	29
27	30	31C						
June				1D	2E	3F	4A	5
	28	6	7B	8C	9D	10E	11F	12
	29	13	14	15A	16B	17C	18D	19
		20	21E	22F	23A	24B	25C	26
		27	28D	29E	30F			
July								
		4	5	6	7	8	9	10
		11	12	13	14	15	16	17
		18	19	20	21	22	23	24
		25	26	27	28	29	30	31
August		1	2	3	4	5	6	7
		8	9	10	11	12	13	14
		15	16	17	18	19	20	21
		22	23	24	25	26	27	28
		29	30	31				

Sourced from:

[https://1e833fb1-5af5-4de8-901ff9aeda4354b2.filesusr.com/ugd/611a22\\_ea5d81f9881541de9c3c7049ba46860d.pdf](https://1e833fb1-5af5-4de8-901ff9aeda4354b2.filesusr.com/ugd/611a22_ea5d81f9881541de9c3c7049ba46860d.pdf)

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**Mainlaying in Tseung Kwan O**  
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AREA	COD	DSE SCH	COD	SCH_NAME	SCH_ADDRESS	PWD_AREA	MONTH	DATE	SESSION	TIME	PERIOD	EXAM	REF
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	23	A	08:30 - 13:56	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	24	A	08:30 - 12:45	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	24	A	08:30 - 14:00	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	26	A	08:30 - 13:44	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	26	A	08:30 - 12:30	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	27	A	08:30 - 13:00	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	27	A	08:30 - 14:30	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	28	A	09:15 - 13:03	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	28	A	09:15 - 12:10	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	29	A	08:30 - 13:33	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	29	A	08:30 - 12:15	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	30	A	09:15 - 11:40	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		4	30	A	09:15 - 12:25	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		5	3	A	08:30 - 12:45	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		5	3	A	08:30 - 14:14	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		5	4	A	08:30 - 12:30	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		5	5	A	08:30 - 14:00	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		5	7	A	08:30 - 14:03	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		5	10	A	08:30 - 14:00	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		5	11	A	08:30 - 14:15	DSE	2021	
K	20234			Creative Secondary School	3 Pung Loi Road, Tseung Kwan O, Sai K Tseung Kwan O District		5	15	A	08:30 - 13:58	DSE	2021	

DSE Examination Schedule using NSR4 as Examination Centre - Sourced from Creative Secondary School

# Appendix L

## Exceedance Report(s)

### **Interim Report on Environmental Complaint**

Project Title	Proposed Desalination Plant in TKO Area 137 for Contract 13/WSD/16 Mainlaying in Tseung Kwan O
Source of Complaint	Email from EPD to WSD dated on 28 July 2021
Location of Incident	Construction Site near to Mau Wu Tsai of Po Lam Road South at Tseung Kwan O
Complaint Code	13/WSD/16_C003
Complaint description	EPD has received a complaint from a member of the public regarding the discharge of stormwater with suspended particles, or in general muddy water from the construction site near to Mau Wu Tsai of Po Lam Road South at Tseung Kwan O on 09 July 2021 (Site Plan attached in Appendix A).
Investigation finding	<p>Our Environmental Team under WSD Contract No. 13/WSD/16 received the complaint case on 29 July 2021 and carried out the complaint investigation from 29 July 2021.</p> <p>The site diary showed that shoring plate cutting works for hand shield tunneling were carried out at the concerned area on 09 July 2021, which has no use of water and disturbance to ground surface. It has no record of leakage of muddy water as reported by the Contractor.</p> <p>The site condition of the concerned area was reviewed. We noted that although there was no excavation works on-going or scheduled recently, clearance works and works that create disturbance to ground surface were previously conducted. To prevent the muddy water discharge from the construction site, the contractor has implemented and enhanced the mitigation measures to cater for any upcoming rainstorms or heavy precipitation from the site. Sandbags are placed along the site boundary and submersible pump is provided to direct the runoff to the wastewater treatment tank before reusing or discharging into the designated discharge point.</p> <p>Site inspection at the concerned area has been carried out by ET on 13 August 2021. There was precipitation during the site walk, while no runoff of muddy water was observed at the site boundary.</p> <p>Also, cement application to exposed earth within the site was observed during the inspection, which was being implemented to prevent erosion caused by the precipitation. The temporarily exposed slope and areas were covered by tarpaulin.</p> <p>The Contractor has been reminded to inspect regularly and maintain the above water pollution mitigation measures, especially during or after rainstorms.</p>
Actions taken / to be taken	The Contractor has been recommended by WSD to take immediate preventive measures to enhance stormwater management for construction sites (e.g. cover any stockpiled materials within the construction site with tarpaulin).

	Moreover, ET will perform spot checking on the concerned area on the implementation status of mitigation measures. Contractor is reminded to comply with all regulations and requirement stipulated in the EM&A Manual.
Prepared by	Charlene Lai
Date	06 August 2021

Appendix A – Site Layout of Concerned Area





Appendix B – Photo Records from Site Inspection

Cement being applied to exposed surface:



Appendix B – Photo Records from Site Inspection (cont’)

Sandbags placed along the site boundary and submersible pump to direct runoff:



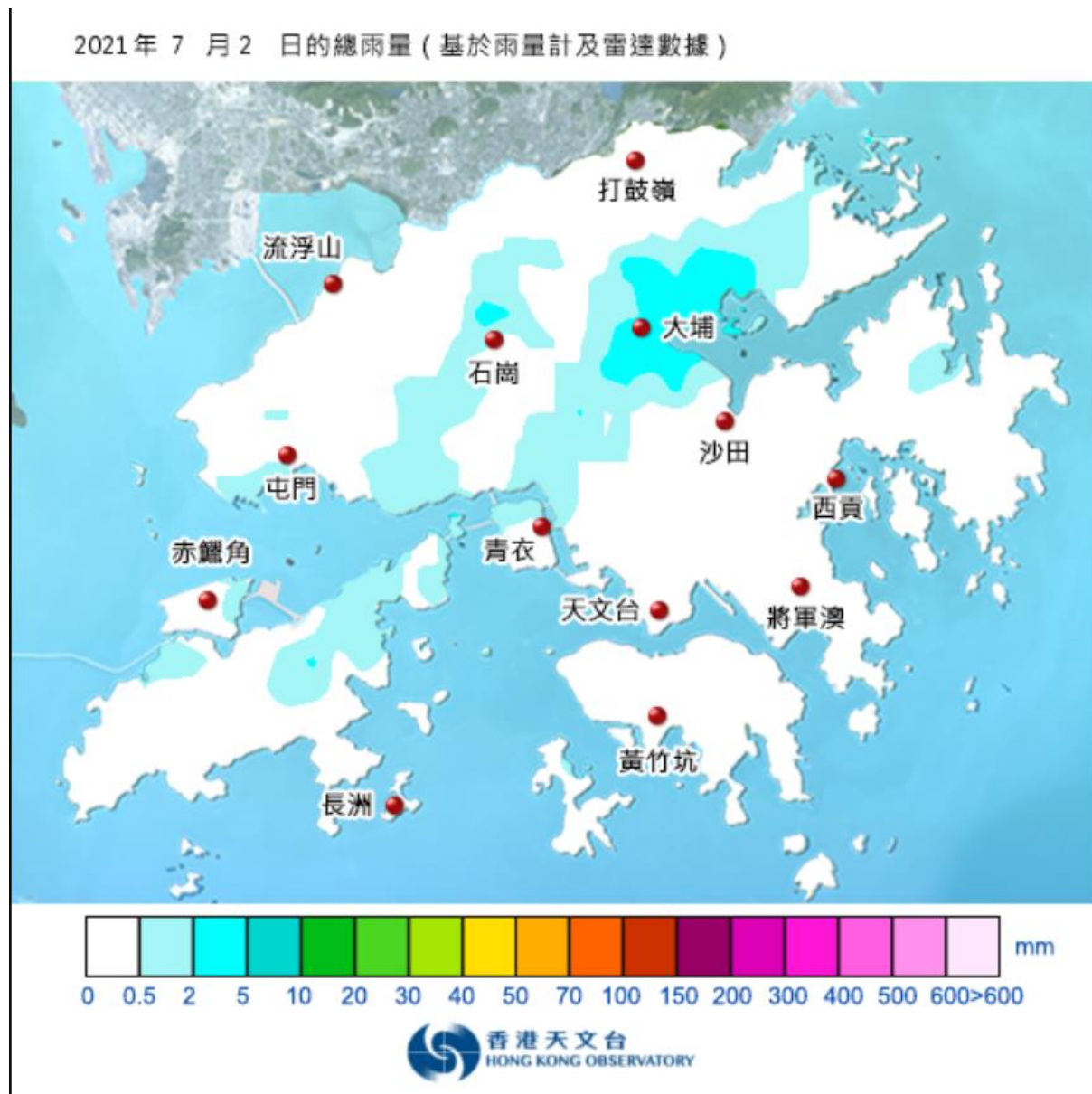
Appendix C – Site Diary on 09 July 2021

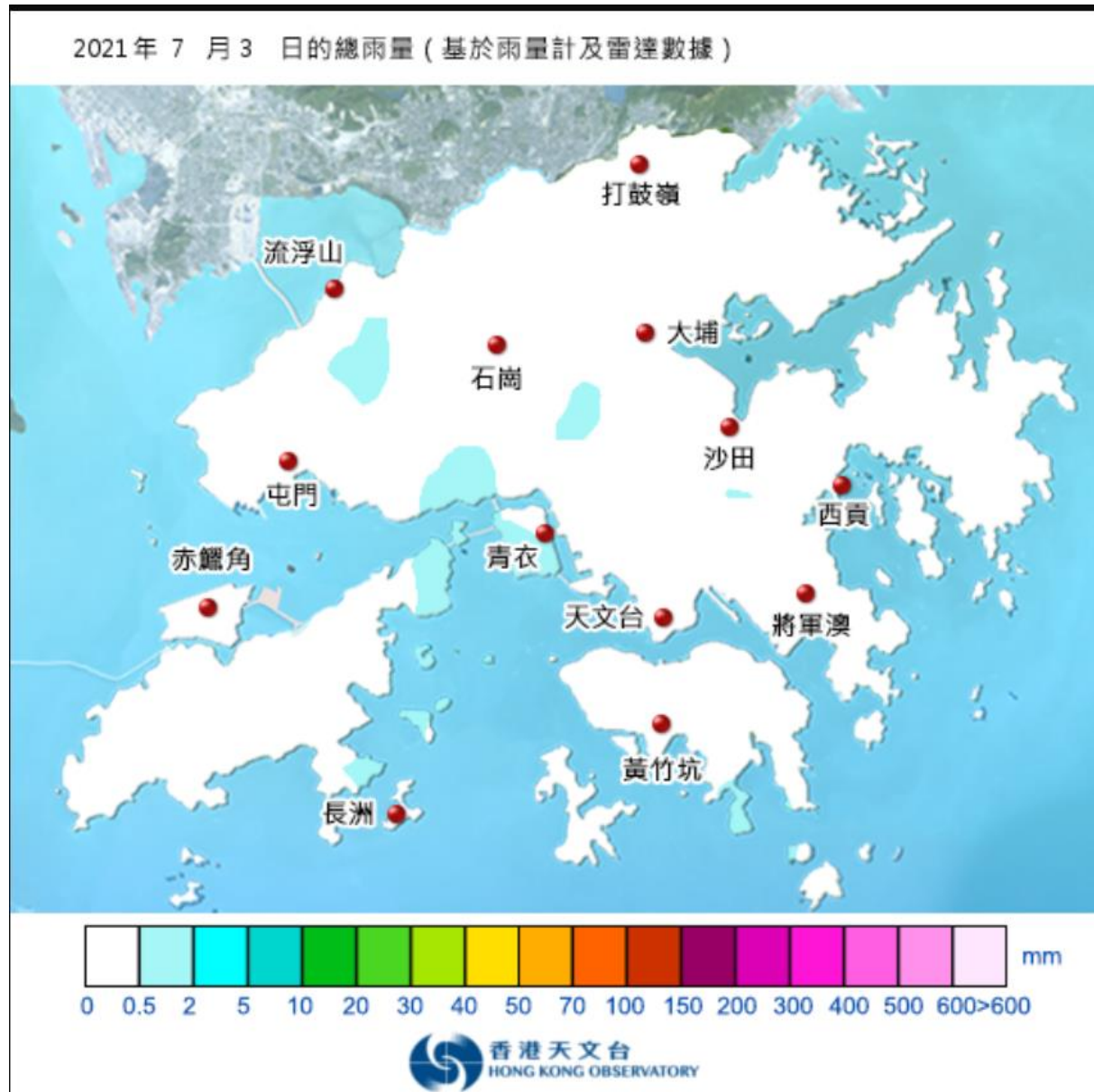
	HA3+80	HA4+50	Po Lam Road South	0209	Place concrete to bend block	1	L13	2	P81	1	L13	2	P81	LH
				0213	Breaking up rock in trench	5	L01	1	P04	5	L01	1	P04	LH
					Bankman at (00:00 to 08:00 & 16:00 to 24:00)			4	P01			4	P01	LH
								1	P40			1	P40	LH
								1	P22			1	P22	LH
														LH
25			Po Lam Road C2 & D1	0906	Erection of working platform	2	L01	1	P04	2	L01	1	P04	LH
				0221	Dispose artificial hard materials off site	1	L06	1	P31			1	P31	LH
				0312	External repairs to steel pipes with epoxy coatings			1	P22			1	P22	LH
				0213	Breaking up rock in trench			1	P80			1	P80	LH
				0806	Point cloud survey			1	P40			1	P40	LH
								1	P28			1	P28	LH
								1	P02			1	P02	LH
						3	L25			3	L25			PW
			Po Lam Road B4 & B5	0208	Break up concrete carriageway	2	L01	1	P04	2	L01	1	P04	LH
				0221	Dispose artificial hard materials off site			1	P31	1	L06	1	P31	LH
				0214	Excavate soil trench			1	P80			1	P80	LH
								1	P40			1	P40	LH
								1	P22			1	P22	LH
								1	P73			1	P73	LH
26	HC3+20	HC3+80	Po Lam Road A0 Near Tsui Lam	0802	No site activities			2	P04			2	P04	LH
								1	P27			1	P27	LH
								1	P30			1	P30	LH
								1	P01			1	P01	LH
								1	P45			1	P45	LH
			Po Lam Road		Set up for hand shield tunneling	3	L01	1	P04	3	L01	1	P04	LH
			Jacking Pit X		Shoring plate cutting for hand shield tunneling	1	L10	1	P40	1	L10	1	P40	LH
								1	P22			1	P22	LH
								2	P04			2	P04	LH
			Trial Pit Tsui Lam Road	0802	No site activities									
			Tseung Kwan O Servoir Reservoir Trial Pit 1	0802	No site activities									
			Tseung Kwan O Servoir Reservoir Trial Pit 2	0802	No site activities									
27	HE0+25	HE1+60	Tseung Kwan O Servoir Reservoir	0208	Break up concrete carriageway	4	L01	1	P04	4	L01	1	P04	LH
				0701	General site clearance	1	L06	1	P80	1	L06	1	P80	LH
				0347	Make M.S. pipe bend	1	L05	1	P40	1	L05	1	P40	LH
						1	L10	1	P22	1	L10	1	P22	LH
								1	P02			1	P02	LH
								1	P01			1	P01	LH
								1	P28			1	P28	LH
								1	P31			1	P31	LH
								1	P27			1	P27	LH
			Tseung Kwan O Servoir Reservoir TPPA	0802	No site activities									



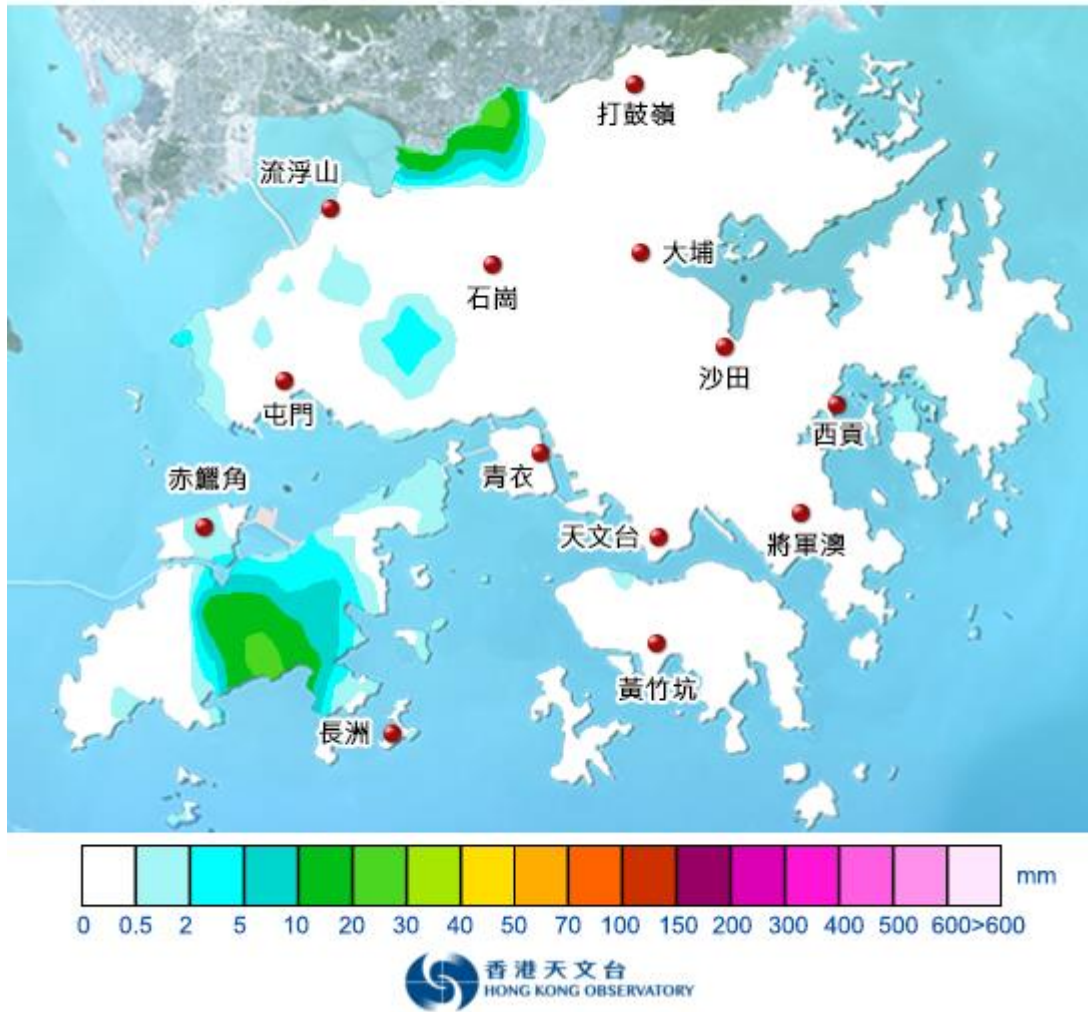
Appendix D – Weather Conditions for the Past Seven Days Prior to the Complaint has been Received

(Sourced from <http://www.weather.org.hk/dailyrain.html>)

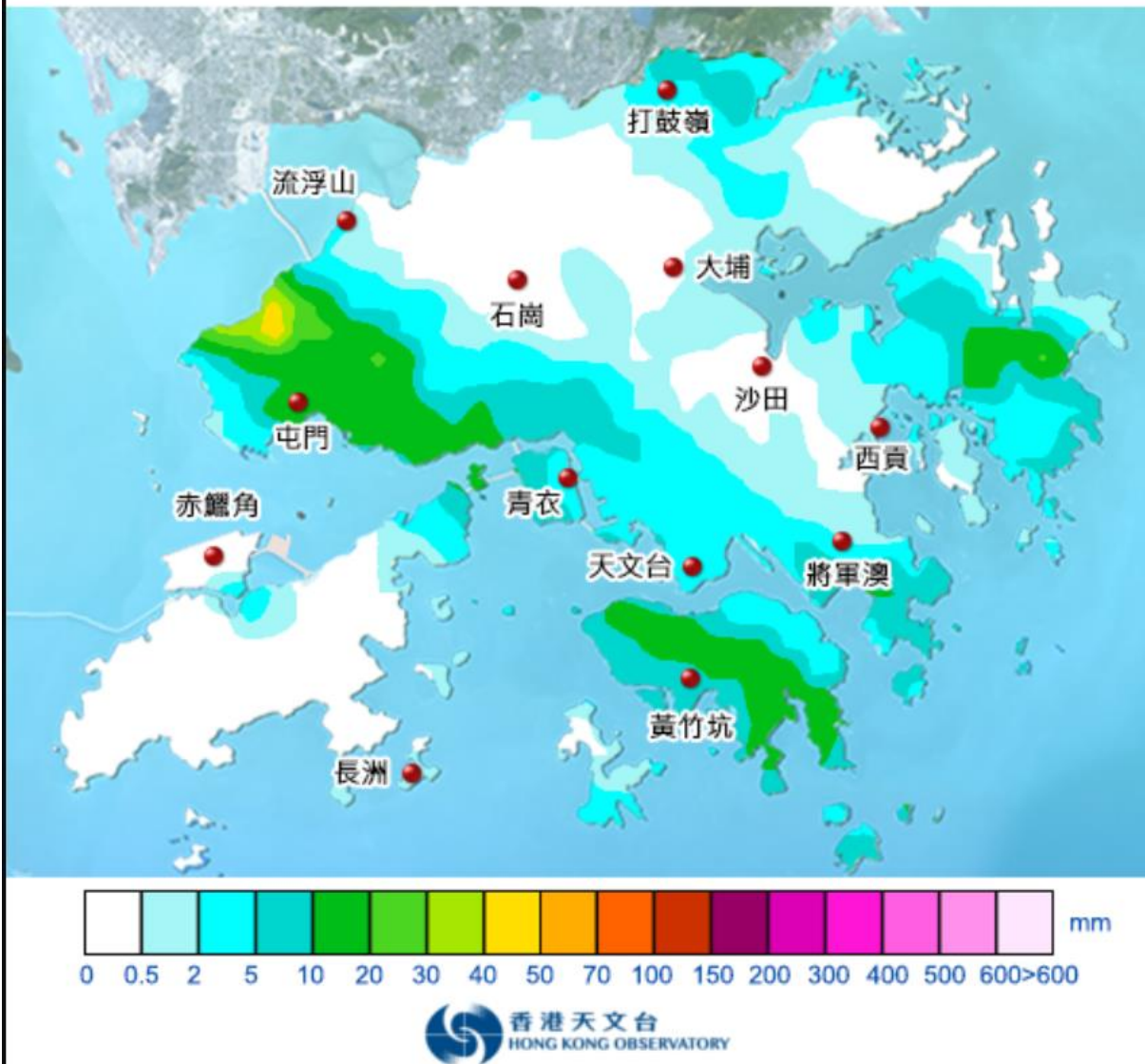




2021年7月4日的總雨量(基於雨量計及雷達數據)

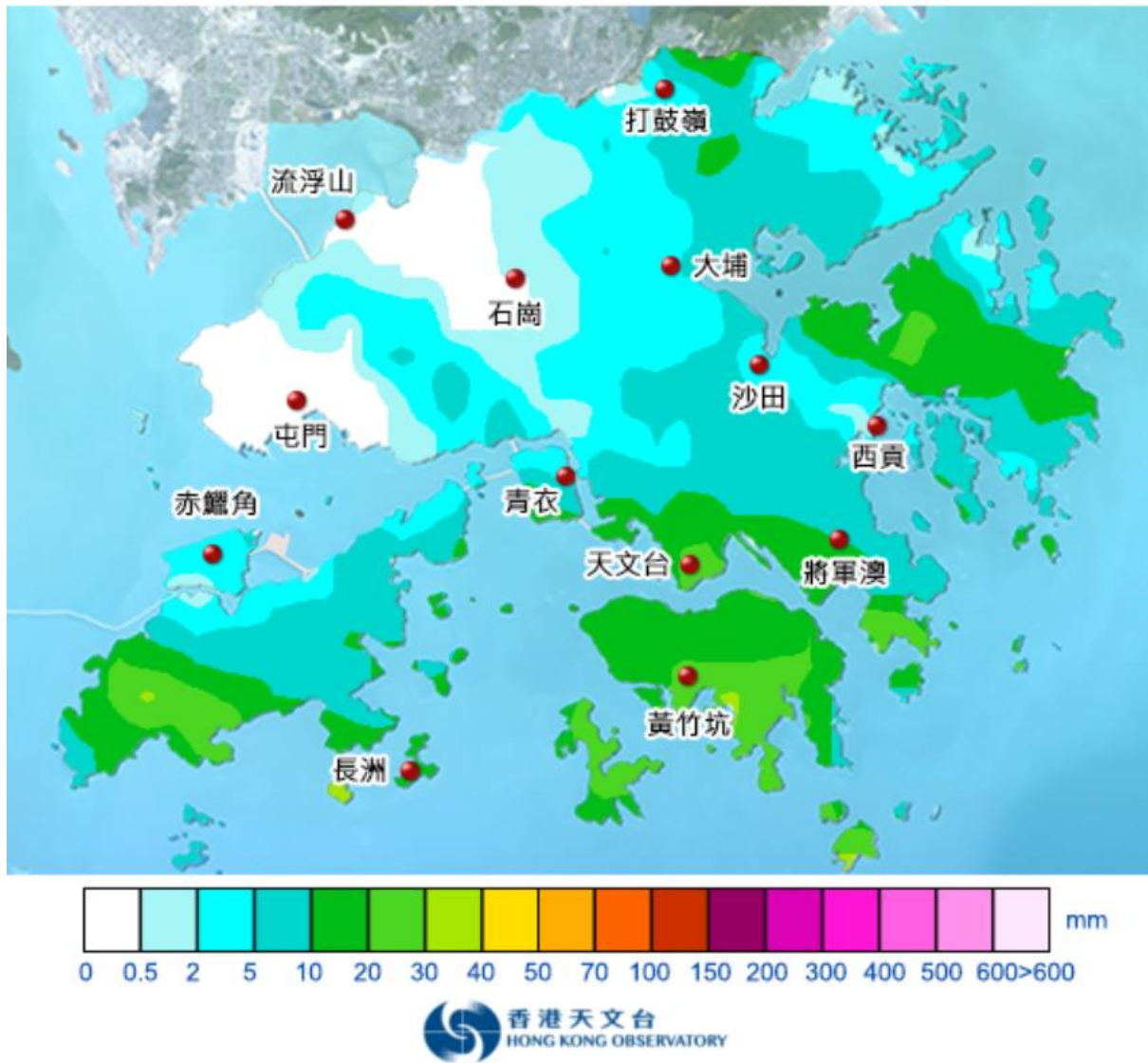


2021年7月5日的總雨量(基於雨量計及雷達數據)

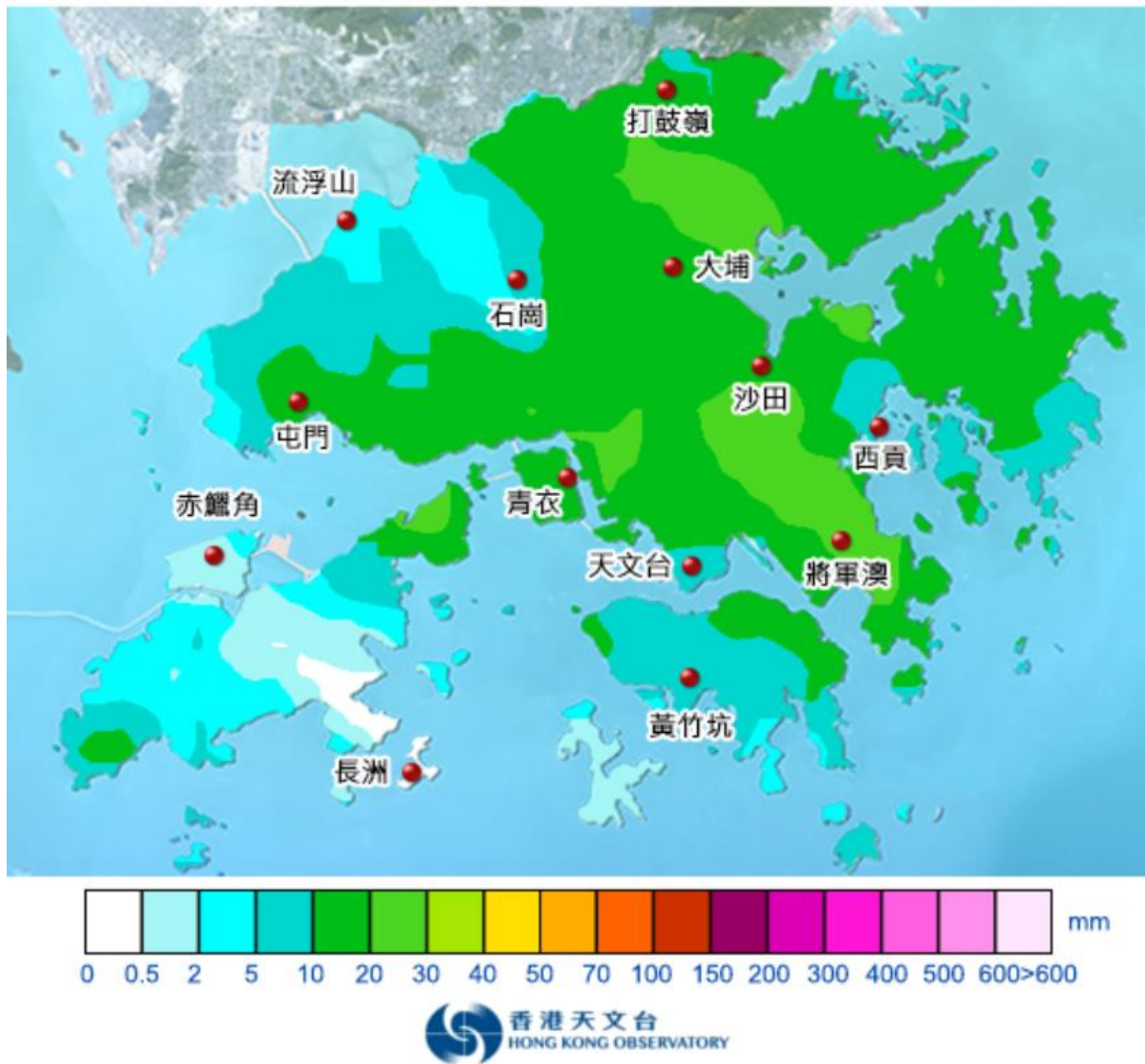




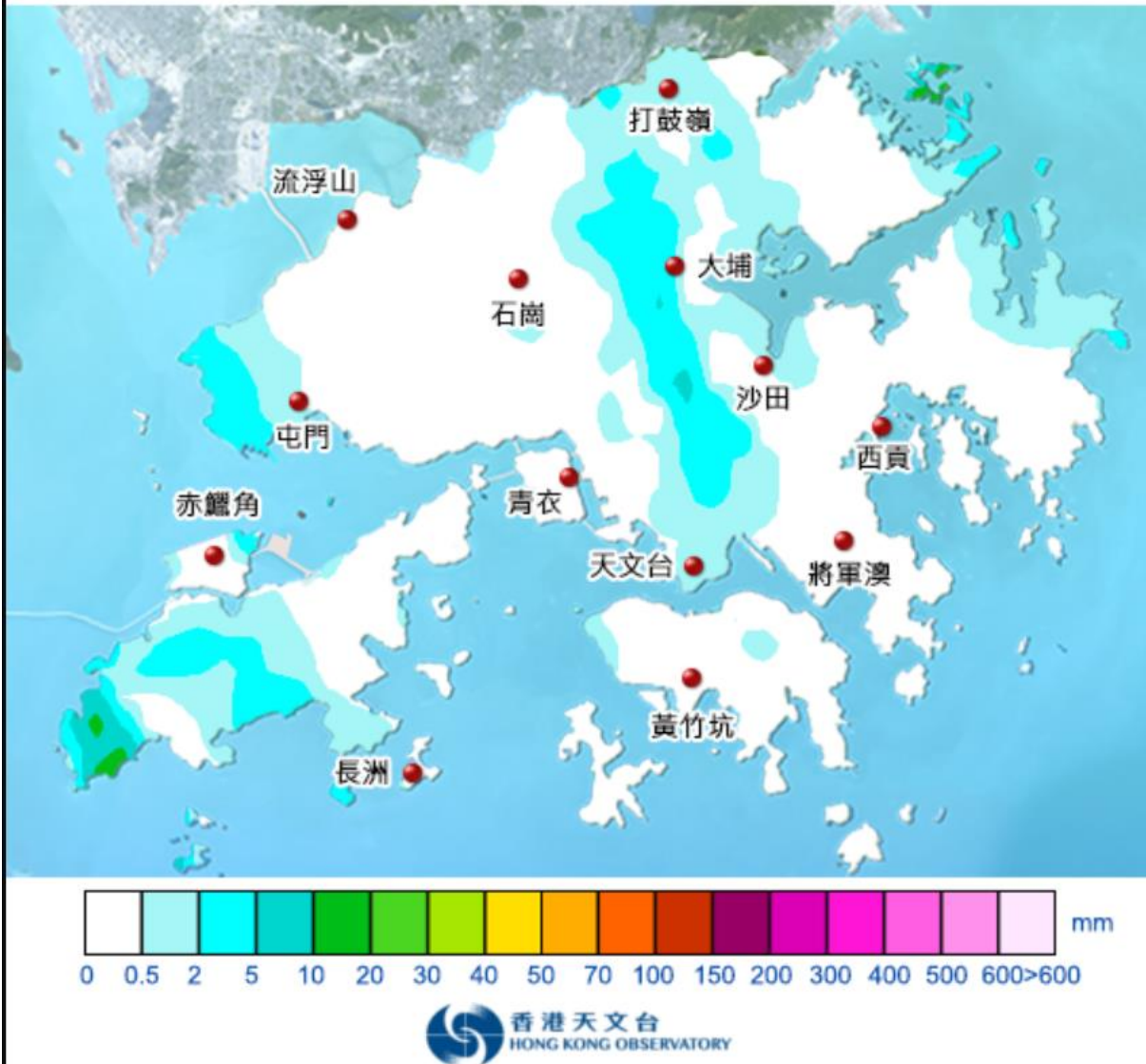
2021年7月6日的總雨量 (基於雨量計及雷達數據)



2021年7月7日的總雨量 (基於雨量計及雷達數據)



2021年7月8日的總雨量(基於雨量計及雷達數據)



2021年7月9日的總雨量 (基於雨量計及雷達數據)

