

เอกสารแนบ 15
หนังสือรับรองผลการตรวจวัดคุณภาพสิ่งแวดล้อม



Analysis / Test Report

Analysis / Test Report

Client : Akara Resources Public Co., Ltd.

99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2610681

Date Received : Feb 28, 2026

Date Reported : Mar 09, 2026

Report Number : 3500563-1

TESTING
No.0009

TESTING
No.0009

Lot ID: 2610681

Date Received : Feb 28, 2026

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Report Number : 3500563-1

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Sample Number	2610681-2
Sampled Date	Feb 19, 2026
Sample Description	Air Quality
Location	Ban Dong Long
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	36.1 °C

Sample Number	2610681-1
Sampled Date	Feb 18, 2026
Sample Description	Air Quality
Location	Ban Dong Long
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	36.2 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	19/02/26 - 20/02/26	ug/m3	-	5.0	45.7	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	19/02/26 - 20/02/26	ug/m3	-	5.0	92.0	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

NEB : Notification of the National Environmental Board., 2026 (B.E.2569) dated January 21, 2026

Sampled By : Jatsarawut Pattana

Remark :

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Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	18/02/26 - 19/02/26	ug/m3	-	5.0	43.3	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	18/02/26 - 19/02/26	ug/m3	-	5.0	71.7	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Scientist (4)

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Sample Number	2610681-4									
Sampled Date	Feb 18, 2026									
Sample Description	Air Quality									
Location	Ban Nong Ra Man									
Date Analysis Commenced	Mar 02, 2026									
Barometric Pressure	748 mmHg									
Atmospheric Temperature	36.3 °C									
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location	
Air Testing	Particulate matter as PM 10 *	18/02/26 - 19/02/25	ug/m3	-	5.0	68.6	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	18/02/26 - 19/02/26	ug/m3	-	5.0	106	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok	

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Sample Number	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
2610681-6	Feb 20, 2026	Air Quality							
Sample Description	Air Quality								
Location	Ban Nong Ra Man								
Date Analysis Commenced	Mar 02, 2026								
Barometric Pressure	748 mmHg								
Atmospheric Temperature	35.7 °C								
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	20/02/26 - 21/02/26	ug/m3	-	5.0	72.2	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	20/02/26 - 21/02/26	ug/m3	-	5.0	108	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sample Number	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
2610681-23	Feb 19, 2026	Air Quality							
Sample Description	Air Quality								
Location	Ban Klong Sai Yang Rong								
Date Analysis Commenced	Mar 02, 2026								
Barometric Pressure	748 mmHg								
Atmospheric Temperature	36.2 °C								
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	19/02/26 - 20/02/26	ug/m3	-	5.0	36.0	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	19/02/26 - 20/02/26	ug/m3	-	5.0	56.3	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sample Number	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
2610681-22	Feb 18, 2026	Air Quality							
Sample Description	Air Quality								
Location	Ban Klong Sai Yang Rong								
Date Analysis Commenced	Mar 02, 2026								
Barometric Pressure	748 mmHg								
Atmospheric Temperature	36.4 °C								
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	18/02/26 - 19/02/26	ug/m3	-	5.0	38.8	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	18/02/26 - 19/02/26	ug/m3	-	5.0	52.6	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Lot ID: 2610681

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Sample Number	2610681-10
Sampled Date	Feb 22, 2026
Sample Description	Air Quality
Location	Ban Khao Mor
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	34.3 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	22/02/26 - 23/02/26	ug/m3	-	5.0	57.0	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	22/02/26 - 23/02/26	ug/m3	-	5.0	125	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sample Number	2610681-24
Sampled Date	Feb 20, 2026
Sample Description	Air Quality
Location	Ban Klong Sai Yang Rong
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	35.8 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	20/02/26 - 21/02/26	ug/m3	-	5.0	42.3	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	20/02/26 - 21/02/26	ug/m3	-	5.0	60.1	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sample Number	2610681-12
Sampled Date	Feb 24, 2026
Sample Description	Air Quality
Location	Ban Khao Mor
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	34.2 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	24/02/26 - 25/02/26	ug/m3	-	5.0	38.4	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	24/02/26 - 25/02/26	ug/m3	-	5.0	84.3	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sample Number	2610681-11
Sampled Date	Feb 23, 2026
Sample Description	Air Quality
Location	Ban Khao Mor
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	34.4 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	23/02/26 - 24/02/26	ug/m3	-	5.0	57.7	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	23/02/26 - 24/02/26	ug/m3	-	5.0	127	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sample Number	2610681-26
Sampled Date	Feb 19, 2026
Sample Description	Air Quality
Location	Ban Long Du
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	36.2 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	19/02/26 - 20/02/26	ug/m3	-	5.0	36.7	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	19/02/26 - 20/02/26	ug/m3	-	5.0	58.4	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sample Number	2610681-25
Sampled Date	Feb 18, 2026
Sample Description	Air Quality
Location	Ban Long Du
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	36.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	18/02/26 - 19/02/26	ug/m3	-	5.0	53.0	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	18/02/26 - 19/02/26	ug/m3	-	5.0	73.5	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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TESTING
No.0009

TESTING
No.0009

Lot ID: 2610681

Date Received : Feb 28, 2026

Date Reported : Mar 09, 2026

Report Number : 3500563-1

Page 7 of 27

Page 27 of 27

Sample Number	2610681-7
Sampled Date	Feb 22, 2026
Sample Description	Air Quality
Location	Ban Nong Sang
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	34.8 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	22/02/26 - 23/02/26	ug/m3	-	5.0	60.7	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	22/02/26 - 23/02/26	ug/m3	-	5.0	90.3	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

NEB : Notification of the National Environmental Board., 2026 (B.E.2569) dated January 21, 2026

Sampled By : Jatsarawut Pattana

Remark :

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Sample Number	2610681-27
Sampled Date	Feb 20, 2026
Sample Description	Air Quality
Location	Ban Long Du
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	35.7 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	20/02/26 - 21/02/26	ug/m3	-	5.0	39.1	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	20/02/26 - 21/02/26	ug/m3	-	5.0	65.8	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

NEB : Notification of the National Environmental Board., 2026 (B.E.2569) dated January 21, 2026

Sampled By : Jatsarawut Pattana

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Analysis / Test Report

Analysis / Test Report

Client : Akara Resources Public Co., Ltd.

99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :
Sample Number 2610681-9

Sampled Date Feb 24, 2026

Sample Description Air Quality

Location Ban Nong Sang

Date Analysis Commenced Mar 02, 2026

Barometric Pressure 748 mmHg

Atmospheric Temperature 34.5 °C

Sample Number 2610681-8

Sampled Date Feb 23, 2026

Sample Description Air Quality

Location Ban Nong Sang

Date Analysis Commenced Mar 02, 2026

Barometric Pressure 748 mmHg

Atmospheric Temperature 34.6 °C

Lot ID: 2610681

Date Received : Feb 28, 2026

Date Reported : Mar 09, 2026

Report Number : 3500563-1

TESTING
No.0009

TESTING
No.0009

Lot ID: 2610681

Date Received : Feb 28, 2026

Date Reported : Mar 09, 2026

Report Number : 3500563-1

Page 9 of 27

Page 8 of 27

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	24/02/26 - 25/02/26	ug/m3	-	5.0	39.1	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	24/02/26 - 25/02/26	ug/m3	-	5.0	73.9	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	23/02/26 - 24/02/26	ug/m3	-	5.0	59.1	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	23/02/26 - 24/02/26	ug/m3	-	5.0	104	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

NEB : Notification of the National Environmental Board., 2026 (B.E.2569) dated January 21, 2026

Sampled By : Jatsarawut Pattana

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Sampled By : Jatsarawut Pattana

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MM-N12



Analysis / Test Report

Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochetuk, Amphur Thaplor, Pichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Sample Number : 2610681-14
Sampled Date : Feb 23, 2026
Sample Description : Air Quality
Location : Ban Khao Kham
Date Analysis Commenced : Mar 02, 2026
Barometric Pressure : 748 mmHg
Atmospheric Temperature : 34.3 °C

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochetuk, Amphur Thaplor, Pichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Sample Number : 2610681-13
Sampled Date : Feb 22, 2026
Sample Description : Air Quality
Location : Ban Khao Kham
Date Analysis Commenced : Mar 02, 2026
Barometric Pressure : 748 mmHg
Atmospheric Temperature : 34.3 °C

Page 14 of 27

Page 13 of 27

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	23/02/26 - 24/02/26	ug/m3	-	5.0	69.0	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	23/02/26 - 24/02/26	ug/m3	-	5.0	77.6	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sampled By : Jatsarawut Pattana
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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610681
Date Received : Feb 28, 2026
Date Reported : Mar 09, 2026
Report Number : 3500563-1

Page 16 of 27

Sample Number	2610681-16
Sampled Date	Feb 22, 2026
Sample Description	Air Quality
Location	Ban Tung Thong
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	34.5 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	22/02/26 - 23/02/26	ug/m3	-	5.0	52.6	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	22/02/26 - 23/02/26	ug/m3	-	5.0	91.6	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :
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Sampled By : Jatsarawut Pattana
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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.
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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610681
Date Received : Feb 28, 2026
Date Reported : Mar 09, 2026
Report Number : 3500563-1

Page 15 of 27

Sample Number	2610681-15
Sampled Date	Feb 24, 2026
Sample Description	Air Quality
Location	Ban Khao Kham
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	34.2 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	24/02/26 - 25/02/26	ug/m3	-	5.0	39.6	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	24/02/26 - 25/02/26	ug/m3	-	5.0	41.6	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :
NEB : Notification of the National Environmental Board., 2026 (B.E.2569) dated January 21, 2026
Sampled By : Jatsarawut Pattana
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Analysis / Test Report

Analysis / Test Report

Client : Akara Resources Public Co., Ltd.

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P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2610681

Date Received : Feb 28, 2026

Date Reported : Mar 09, 2026

Report Number : 3500563-1

Report Number : 3500563-1

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Sample Number	2610681-18
Sample Date	Feb 24, 2026
Sample Description	Air Quality
Location	Ban Tung Thong
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	34.6 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	24/02/26 - 25/02/26	ug/m3	-	5.0	36.8	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	24/02/26 - 25/02/26	ug/m3	-	5.0	77.6	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

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Sampled By : Jatsarawut Pattana

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Sample Number	2610681-17
Sample Date	Feb 23, 2026
Sample Description	Air Quality
Location	Ban Tung Thong
Date Analysis Commenced	Mar 02, 2026
Barometric Pressure	748 mmHg
Atmospheric Temperature	34.4 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	23/02/26 - 24/02/26	ug/m3	-	5.0	52.8	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	23/02/26 - 24/02/26	ug/m3	-	5.0	91.6	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

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Sampled By : Jatsarawut Pattana

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Analysis / Test Report

Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Sample Number : 2610681-20
Sampled Date : Feb 23, 2026
Sample Description : Air Quality
Location : Ban Mai Klong Ta Lud
Date Analysis Commenced : Mar 02, 2026
Barometric Pressure : 748 mmHg
Atmospheric Temperature : 34.5 °C

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Sample Number : 2610681-19
Sampled Date : Feb 22, 2026
Sample Description : Air Quality
Location : Ban Mai Klong Ta Lud
Date Analysis Commenced : Mar 02, 2026
Barometric Pressure : 748 mmHg
Atmospheric Temperature : 34.6 °C

Page 20 of 27

Page 19 of 27

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀ *	23/02/26 - 24/02/26	ug/m3	-	5.0	56.0	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	23/02/26 - 24/02/26	ug/m3	-	5.0	91.4	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :
NEB : Notification of the National Environmental Board., 2026 (B.E.2569) dated January 21, 2026
Sampled By : Jatsarawut Pattana
Remark :
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- "≤" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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Guideline :
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Sampled By : Jatsarawut Pattana
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Analysis / Test Report

TESTING
No.0009

Lot ID: 2610681
Date Received : Feb 28, 2026
Date Reported : Mar 09, 2026
Report Number : 3500563-1

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheiuk, Amphur Thaplor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

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Sample Number 2610681-21
Sample Date Feb 24, 2026
Sample Description Air Quality
Location Ban Mai Klong Ta Lud
Date Analysis Commenced Mar 02, 2026
Barometric Pressure 748 mmHg
Atmospheric Temperature 34.6 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10 *	24/02/26 - 25/02/26	ug/m3	-	5.0	31.8	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	24/02/26 - 25/02/26	ug/m3	-	5.0	41.9	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

NEB : Notification of the National Environmental Board., 2026 (B.E.2569) dated January 21, 2026

Sampled By : Jatsarawut Pattana

Remark :

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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.

99 Moo 9, Tambon Khaocheiuk, Amphur Thaplor, Phichit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641618

Date Received : May 27, 2026

Date Reported : Jun 06, 2026

Report Number : 3571426-1

Page 6 of 35

Sample Number	2641618-6
Sampled Date	May 23, 2026
Sample Description	Air Quality
Location	Ban Dong Long
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen cyanide *	23/05/26 - 24/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	-	Bangkok
Total Suspended Particulate	23/05/26 - 24/05/26	ug/m3	-	5.0	17.3	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

NEB : Notification of the National Environmental Board., B.E.2569 (2026) dated January 21, 2026

Sampled By : Vanich Phanpitt

Remark :

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Analysis / Test Report

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99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641629

Date Received : May 27, 2026

Date Reported : Jun 08, 2026

Report Number : 3590112-1

Page 13 of 27

Sample Number	2641629-13								
Sampled Date	May 22, 2026								
Sample Description	Air Quality								
Location	Ban Dong Long (GPS 47Q 0678206, 1802191)								
Date Analysis Commenced	May 28, 2026								
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag								
Barometric Pressure	746 mmHg								
Atmospheric Temperature	30.1 °C								
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	22/05/26 - 23/05/26	ug/m3	-	5.0	22.5	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :
NEB : Notification of the National Environmental Board., B.E.2569 (2026) dated January 21, 2026

Sampled By : Vanich Phantipit

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Client : Akara Resources Public Co., Ltd.

99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641618

Date Received : May 27, 2026

Date Reported : Jun 06, 2026

Report Number : 3571426-1

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Sample Number	2641618-7								
Sampled Date	May 24, 2026								
Sample Description	Air Quality								
Location	Ban Dong Long								
Date Analysis Commenced	May 28, 2026								
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated								
Barometric Pressure	746 mmHg								
Atmospheric Temperature	30.1 °C								
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen cyanide *	24/05/26 - 25/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	-	Bangkok
Total Suspended Particulate	24/05/26 - 25/05/26	ug/m3	-	5.0	31.1	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

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Sampled By : Vanich Phantipit

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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.
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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

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Sample Number	2641629-15
Sampled Date	May 24, 2026
Sample Description	Air Quality
Location	Ban Dong Long (GPS 47Q 0678206, 1802191)
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀	24/05/26 - 25/05/26	ug/m3	-	5.0	13.1	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.
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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

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Sample Number	2641629-14
Sampled Date	May 23, 2026
Sample Description	Air Quality
Location	Ban Dong Long (GPS 47Q 0678206, 1802191)
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀	23/05/26 - 24/05/26	ug/m3	-	5.0	15.0	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641618

Date Received : May 27, 2026

Date Reported : Jun 06, 2026

Report Number : 3571426-1

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Sample Number	2641618-13
Sampled Date	May 23, 2026
Sample Description	Air Quality
Location	Ban Nong Ra Man
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen cyanide *	23/05/26 - 24/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	-	Bangkok
Total Suspended Particulate	23/05/26 - 24/05/26	ug/m3	-	5.0	44.9	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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TESTING
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P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641618

Date Received : May 27, 2026

Date Reported : Jun 06, 2026

Report Number : 3571426-1

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Sample Number	2641618-12
Sampled Date	May 22, 2026
Sample Description	Air Quality
Location	Ban Nong Ra Man
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen cyanide *	22/05/26 - 23/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	-	Bangkok
Total Suspended Particulate	22/05/26 - 23/05/26	ug/m3	-	5.0	40.5	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

TESTING
No.0009

Lot ID: 2641618
Date Received : May 27, 2026
Date Reported : Jun 06, 2026
Report Number : 3571426-1

TESTING
No.0009

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Sample Number 2641629-16
Sampled Date May 22, 2026
Sample Description Air Quality
Location Ban Nong Ra Man (GPS 47Q 0674693, 1802561)
Date Analysis Commenced May 28, 2026
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure 746 mmHg
Atmospheric Temperature 30.1 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	22/05/26 - 23/05/26	ug/m3	-	5.0	27.1	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sampled By : Vanich Phantipit
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Sample Number 2641618-14
Sampled Date May 24, 2026
Sample Description Air Quality
Location Ban Nong Ra Man
Date Analysis Commenced May 28, 2026
Condition of Sample Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated
Barometric Pressure 746 mmHg
Atmospheric Temperature 30.1 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen cyanide *	24/05/26 - 25/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	-	Bangkok
Total Suspended Particulate	24/05/26 - 25/05/26	ug/m3	-	5.0	40.5	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

TESTING
No.0009

Lot ID: 2641629

Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

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Sample Number	2641629-18									
Sampled Date	May 24, 2026									
Sample Description	Air Quality									
Location	Ban Nong Ra Man (GPS 47Q 0674693, 1802561)									
Date Analysis Commenced	May 28, 2026									
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag									
Barometric Pressure	746 mmHg									
Atmospheric Temperature	30.1 °C									
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location	
Air Testing										
Particulate matter as PM	24/05/26 - 25/05/26	ug/m3	-	5.0	21.3	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok	
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P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641618

Date Received : May 27, 2026

Date Reported : Jun 06, 2026

Report Number : 3571426-1

Page 27 of 35

Sample Number	2641618-27
Sampled Date	May 23, 2026
Sample Description	Air Quality
Location	Ban Klong Sai Yang Rong
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen cyanide *	23/05/26 - 24/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	-	Bangkok
Total Suspended Particulate	23/05/26 - 24/05/26	ug/m3	-	5.0	29.4	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.

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P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641618

Date Received : May 27, 2026

Date Reported : Jun 06, 2026

Report Number : 3571426-1

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Sample Number	2641618-26
Sampled Date	May 22, 2026
Sample Description	Air Quality
Location	Ban Klong Sai Yang Rong
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen cyanide *	22/05/26 - 23/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	-	Bangkok
Total Suspended Particulate	22/05/26 - 23/05/26	ug/m3	-	5.0	28.2	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Analysis / Test Report

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P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

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Sample Number	2641629-22							
Sampled Date	May 22, 2026							
Sample Description	Air Quality							
Location	Ban Klong Sai Yang Rong (GPS 47Q 0676116, 1798785)							
Date Analysis Commenced	May 28, 2026							
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag							
Barometric Pressure	746 mmHg							
Atmospheric Temperature	30.1 °C							
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Testing Location
Air Testing								
Particulate matter as PM 10	22/05/26 - 23/05/26	ug/m3	-	5.0	20.6	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB Bangkok

Guideline :
NEB : Notification of the National Environmental Board., B.E.2569 (2026) dated January 21, 2026
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P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641618
Date Received : May 27, 2026
Date Reported : Jun 06, 2026
Report Number : 3571426-1

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Sample Number	2641618-28							
Sampled Date	May 24, 2026							
Sample Description	Air Quality							
Location	Ban Klong Sai Yang Rong							
Date Analysis Commenced	May 28, 2026							
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated							
Barometric Pressure	746 mmHg							
Atmospheric Temperature	30.1 °C							
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Testing Location
Air Testing								
Hydrogen cyanide *	24/05/26 - 25/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	Bangkok
Total Suspended Particulate	24/05/26 - 25/05/26	ug/m3	-	5.0	36.9	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	Bangkok

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Sampled By : Vanich Phantipit

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Analysis / Test Report

Analysis / Test Report

Client : Akara Resources Public Co., Ltd.

99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641629

Date Received : May 27, 2026

Date Reported : Jun 08, 2026

Report Number : 3590112-1

Report Number : 3590112-1

Page 24 of 27

Sample Number	2641629-24
Sampled Date	May 24, 2026
Sample Description	Air Quality
Location	Ban Klong Sai Yang Rong (GPS 47Q 0676116, 1798785)
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	24/05/26 - 25/05/26	ug/m3	-	5.0	17.4	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

NEB : Notification of the National Environmental Board., B.E.2569 (2026) dated January 21, 2026

Sampled By : Vanich Phamplit

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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.

99 Moo 9, Tambon Khaochetuk, Amphur Thaplor, Phichit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641618

Date Received : May 27, 2026

Date Reported : Jun 06, 2026

Report Number : 3571426-1

Page 20 of 35

Sample Number	2641618-20
Sampled Date	May 23, 2026
Sample Description	Air Quality
Location	Ban Khao Mor
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen cyanide *	23/05/26 - 24/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	-	Bangkok
Total Suspended Particulate	23/05/26 - 24/05/26	ug/m3	-	5.0	51.9	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

NEB : Notification of the National Environmental Board., B.E.2569 (2026) dated January 21, 2026

Sampled By : Vanich Phairiplit

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Analysis / Test Report

TESTING
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Client : Akara Resources Public Co., Ltd.
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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

Page 19 of 27

Sample Number	2641629-19								
Sampled Date	May 22, 2026								
Sample Description	Air Quality								
Location	Ban Khao Mor (GPS 47Q 0675723, 1804284)								
Date Analysis Commenced	May 28, 2026								
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag								
Barometric Pressure	746 mmHg								
Atmospheric Temperature	30.1 °C								
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	22/05/26 - 23/05/26	ug/m3	-	5.0	19.9	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :
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Sampled By : Vanich Phantipit

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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641618
Date Received : May 27, 2026
Date Reported : Jun 06, 2026
Report Number : 3571426-1

Page 21 of 35

Sample Number	2641618-21								
Sampled Date	May 24, 2026								
Sample Description	Air Quality								
Location	Ban Khao Mor								
Date Analysis Commenced	May 28, 2026								
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated								
Barometric Pressure	746 mmHg								
Atmospheric Temperature	30.1 °C								
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen cyanide *	24/05/26 - 25/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	-	Bangkok
Total Suspended Particulate	24/05/26 - 25/05/26	ug/m3	-	5.0	40.2	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

TESTING
No.0009

Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

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Sample Number	2641629-21	Sampled Date	May 24, 2026	Sample Description	Air Quality	Location	Ban Khao Mor (GPS 47Q 0675723, 1804284)	Date Analysis Commenced	May 28, 2026	Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag	Barometric Pressure	746 mmHg	Atmospheric Temperature	30.1 °C
Analyte	Particulate matter as PM ₁₀	Sampled Date/time	24/05/26 - 25/05/26	Unit	ug/m3	LOD (LOR)	5.0	Result	24.9	Guideline Limit	100	Method	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	Guideline	Testing Location
Air Testing	10														Bangkok

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No.0009

Client : Akara Resources Public Co., Ltd.

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P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641618

Date Received : May 27, 2026

Date Reported : Jun 06, 2026

Report Number : 3571426-1

Page 34 of 35

Sample Number	2641618-34
Sampled Date	May 23, 2026
Sample Description	Air Quality
Location	Ban Long Du
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen cyanide *	23/05/26 - 24/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	-	Bangkok
Total Suspended Particulate	23/05/26 - 24/05/26	ug/m3	-	5.0	30.0	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Analysis / Test Report

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No.0009

Client : Akara Resources Public Co., Ltd.

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P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641618

Date Received : May 27, 2026

Date Reported : Jun 06, 2026

Report Number : 3571426-1

Page 33 of 35

Sample Number	2641618-33
Sampled Date	May 22, 2026
Sample Description	Air Quality
Location	Ban Long Du
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one amber plastic bottle, refrigerated
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Hydrogen cyanide *	22/05/26 - 23/05/26	mg/m3	-	0.10	<0.10	No Standard	Based on NIOSH, P8/CAM 116	-	Bangkok
Total Suspended Particulate	22/05/26 - 23/05/26	ug/m3	-	5.0	27.7	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sampled By : Vanich Phanpipt

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Client : Akara Resources Public Co., Ltd.

99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641629

Date Received : May 27, 2026

Date Reported : Jun 08, 2026

Report Number : 3590112-1

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.

99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641618

Date Received : May 27, 2026

Date Reported : Jun 06, 2026

Report Number : 3571426-1

TESTING
No.0009

Page 25 of 27

Page 35 of 35

Sample Number	2641629-25								
Sampled Date	May 22, 2026								
Sample Description	Air Quality								
Location	Ban Long Du (GPS 47Q 0671962, 1799044)								
Date Analysis Commenced	May 28, 2026								
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag								
Barometric Pressure	746 mmHg								
Atmospheric Temperature	30.1 °C								
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	22/05/26 - 23/05/26	ug/m3	-	5.0	21.4	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :
NEB : Notification of the National Environmental Board., B.E.2569 (2026) dated January 21, 2026

Sampled By : Vanich Phantipit

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Sample Number	2641618-35																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		</
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Guideline :

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Sampled By : Vanich Phantipit

Remark :

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Scientist (3)

Approved by

Scientist (4)

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

Page 27 of 27

Sample Number	2641629-27							
Sampled Date	May 24, 2026							
Sample Description	Air Quality							
Location	Ban Long Du (GPS 47Q 0671962, 1799044)							
Date Analysis Commenced	May 28, 2026							
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag							
Barometric Pressure	746 mmHg							
Atmospheric Temperature	30.1 °C							
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Testing Location
Air Testing								
Particulate matter as PM 10	24/05/26 - 25/05/26	ug/m3	-	5.0	15.2	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB Bangkok

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Scientist (3)

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

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Sample Number	2641629-26							
Sampled Date	May 23, 2026							
Sample Description	Air Quality							
Location	Ban Long Du (GPS 47Q 0671962, 1799044)							
Date Analysis Commenced	May 28, 2026							
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag							
Barometric Pressure	746 mmHg							
Atmospheric Temperature	30.1 °C							
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Testing Location
Air Testing								
Particulate matter as PM 10	23/05/26 - 24/05/26	ug/m3	-	5.0	18.4	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (include sampling)	NEB Bangkok

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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.

99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641629

Date Received : May 27, 2026

Date Reported : Jun 08, 2026

Report Number : 3590112-1

Page 2 of 27

Sample Number	2641629-2
Sampled Date	May 20, 2026
Sample Description	Air Quality
Location	Ban Nong Sang (GPS 47Q 0678405, 1805760)
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀	20/05/26 - 21/05/26	ug/m3	-	5.0	15.1	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	20/05/26 - 21/05/26	ug/m3	-	5.0	20.7	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

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Sampled By : Vanich Phantipitt

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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.

99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641629

Date Received : May 27, 2026

Date Reported : Jun 08, 2026

Report Number : 3590112-1

Page 1 of 27

Sample Number	2641629-1
Sampled Date	May 19, 2026
Sample Description	Air Quality
Location	Ban Nong Sang (GPS 47Q 0678405, 1805760)
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀	19/05/26 - 20/05/26	ug/m3	-	5.0	16.7	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	19/05/26 - 20/05/26	ug/m3	-	5.0	25.2	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

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Sampled By : Vanich Phantipitt

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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.
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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

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Sample Number	2641629-4								
Sampled Date	May 19, 2026								
Sample Description	Air Quality								
Location	Ban Khao Kham (GPS 47Q 0675845, 1806452)								
Date Analysis Commenced	May 28, 2026								
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag								
Barometric Pressure	746 mmHg								
Atmospheric Temperature	30.1 °C								
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	19/05/26 - 20/05/26	ug/m3	-	5.0	22.7	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	19/05/26 - 20/05/26	ug/m3	-	5.0	33.6	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sampled By : Vanich Phantipitt

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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.
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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

Page 3 of 27

Sample Number	2641629-3								
Sampled Date	May 21, 2026								
Sample Description	Air Quality								
Location	Ban Nong Sang (GPS 47Q 0678405, 1805760)								
Date Analysis Commenced	May 28, 2026								
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag								
Barometric Pressure	746 mmHg								
Atmospheric Temperature	30.1 °C								
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	21/05/26 - 22/05/26	ug/m3	-	5.0	32.1	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	21/05/26 - 22/05/26	ug/m3	-	5.0	42.3	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Analysis / Test Report

Analysis / Test Report

Client : Akara Resources Public Co., Ltd.

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P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641629

Date Received : May 27, 2026

Date Reported : Jun 08, 2026

Report Number : 3590112-1

TESTING
No.0009

TESTING
No.0009

Lot ID: 2641629

Date Received : May 27, 2026

Date Reported : Jun 08, 2026

Report Number : 3590112-1

Page 6 of 27

Page 5 of 27

Sample Number	2641629-6
Sampled Date	May 21, 2026
Sample Description	Air Quality
Location	Ban Khao Kham (GPS 47Q 0675845, 1806452)
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	21/05/26 - 22/05/26	ug/m3	-	5.0	42.5	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	21/05/26 - 22/05/26	ug/m3	-	5.0	48.6	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

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Sampled By : Vanich Phantipit

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Sample Number	2641629-5
Sampled Date	May 20, 2026
Sample Description	Air Quality
Location	Ban Khao Kham (GPS 47Q 0675845, 1806452)
Date Analysis Commenced	May 28, 2026
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag
Barometric Pressure	746 mmHg
Atmospheric Temperature	30.1 °C

Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	20/05/26 - 21/05/26	ug/m3	-	5.0	22.8	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	20/05/26 - 21/05/26	ug/m3	-	5.0	29.1	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :

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Sampled By : Vanich Phantipit

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Page 5 of 27



Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

Page 8 of 27

Sample Number	2641629-8								
Sampled Date	May 20, 2026								
Sample Description	Air Quality								
Location	Ban Tung Thong (GPS 47Q 0674666, 1805755)								
Date Analysis Commenced	May 28, 2026								
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag								
Barometric Pressure	746 mmHg								
Atmospheric Temperature	30.1 °C								
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air: Testing									
Particulate matter as PM ₁₀	20/05/26 - 21/05/26	ug/m3	-	5.0	18.2	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	20/05/26 - 21/05/26	ug/m3	-	5.0	26.0	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :
NEB : Notification of the National Environmental Board., B.E.2569 (2026) dated January 21, 2026
Sampled By : Vanich Phantipitt

Remark :
- LOD : Limit of Detection
- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company

Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

Page 7 of 27

Sample Number	2641629-7								
Sampled Date	May 19, 2026								
Sample Description	Air Quality								
Location	Ban Tung Thong (GPS 47Q 0674666, 1805755)								
Date Analysis Commenced	May 28, 2026								
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag								
Barometric Pressure	746 mmHg								
Atmospheric Temperature	30.1 °C								
Analyte	Sampled Date/Time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM ₁₀	19/05/26 - 20/05/26	ug/m3	-	5.0	17.1	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	19/05/26 - 20/05/26	ug/m3	-	5.0	34.6	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :
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Sampled By : Vanich Phantipitt

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Analysis / Test Report

Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

TESTING
No.0009

Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

Page 10 of 27

Sample Number	2641629-10									
Sampled Date	May 19, 2026									
Sample Description	Air Quality									
Location	Ban Mai Klong Ta Lud (GPS 47Q 0676587 , 1807162)									
Date Analysis Commenced	May 28, 2026									
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag									
Barometric Pressure	746 mmHg									
Atmospheric Temperature	30.1 °C									
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location	
Air Testing	Particulate matter as PM 10	19/05/26 - 20/05/26	ug/m3	-	5.0	16.8	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
		19/05/26 - 20/05/26	ug/m3	-	5.0	25.1	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate										

Guideline :
NEB : Notification of the National Environmental Board., B.E.2569 (2026) dated January 21, 2026
Sampled By : Vanich Phantipitt

Remark :
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- "<" : Lower than LOQ (Limit of Quantitation) / LOR (Limit of Reporting)
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MM-N12



Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

Page 12 of 27

Sample Number	2641629-12								
Sampled Date	May 21, 2026								
Sample Description	Air Quality								
Location	Ban Mai Klong Ta Lud (GPS 47Q 0676587 , 1807162)								
Date Analysis Commenced	May 28, 2026								
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag								
Barometric Pressure	746 mmHg								
Atmospheric Temperature	30.1 °C								
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	21/05/26 - 22/05/26	ug/m3	-	5.0	28.6	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	21/05/26 - 22/05/26	ug/m3	-	5.0	31.2	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :
NEB : Notification of the National Environmental Board., B.E.2569 (2026) dated January 21, 2026
Sampled By : Vanich Phantipitt

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Analysis / Test Report

TESTING
No.0009

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thaplor, Pichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641629
Date Received : May 27, 2026
Date Reported : Jun 08, 2026
Report Number : 3590112-1

Page 11 of 27

Sample Number	2641629-11								
Sampled Date	May 20, 2026								
Sample Description	Air Quality								
Location	Ban Mai Klong Ta Lud (GPS 47Q 0676587 , 1807162)								
Date Analysis Commenced	May 28, 2026								
Condition of Sample	Drawn into one glass filter paper (8x10 inch) placed in plastic bag and one quartz filter paper (8x10 inch) placed in plastic bag								
Barometric Pressure	746 mmHg								
Atmospheric Temperature	30.1 °C								
Analyte	Sampled Date/time	Unit	LOD	LOQ (LOR)	Result	Guideline Limit	Method	Guideline	Testing Location
Air Testing									
Particulate matter as PM 10	20/05/26 - 21/05/26	ug/m3	-	5.0	17.8	100	In - house method : STM 04-052 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix J, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok
Total Suspended Particulate	20/05/26 - 21/05/26	ug/m3	-	5.0	20.8	200	In - house method : STM 04-051 based on U.S. Environmental Protection Agency 40 CFR, method 50, Appendix B, revised as of July 1, 2008 (Include sampling)	NEB	Bangkok

Guideline :
NEB : Notification of the National Environmental Board., B.E.2569 (2026) dated January 21, 2026
Sampled By : Vanich Phantipitt

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3518991-1

Page 1 of 1

Sample Number	2610683-2
Parameter	Air Quality
Location	Ban Dong Long
Measurement Date	Feb 19 - Feb 20, 2026
Measurement by	Jasaratut Pattama
Sound Level meter	Serial No. 296513

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 PM - 02:00 PM	46.5	69.7	36.5
02:00 PM - 03:00 PM	50.2	68.4	38.6
03:00 PM - 04:00 PM	45.3	67.5	34.6
04:00 PM - 05:00 PM	45.6	75.1	34.6
05:00 PM - 06:00 PM	53.8	90.6	40.1
06:00 PM - 07:00 PM	48.5	73.0	40.9
07:00 PM - 08:00 PM	48.3	64.3	46.5
08:00 PM - 09:00 PM	47.0	83.3	43.8
09:00 PM - 10:00 PM	47.3	67.8	44.4
10:00 PM - 11:00 PM	43.9	64.1	42.2
11:00 PM - 12:00 AM	44.0	67.6	39.2
12:00 AM - 01:00 AM	39.7	59.1	38.1
01:00 AM - 02:00 AM	43.9	69.0	38.2
02:00 AM - 03:00 AM	41.2	64.2	38.9
03:00 AM - 04:00 AM	47.6	71.0	38.8
04:00 AM - 05:00 AM	46.2	67.1	40.1
05:00 AM - 06:00 AM	53.1	76.6	43.2
06:00 AM - 07:00 AM	57.1	82.9	44.6
07:00 AM - 08:00 AM	53.8	79.4	40.2
08:00 AM - 09:00 AM	50.8	76.4	38.4
09:00 AM - 10:00 AM	48.1	76.6	38.8
10:00 AM - 11:00 AM	43.1	68.1	36.7
11:00 AM - 12:00 PM	43.4	67.4	36.1
12:00 PM - 01:00 PM	44.3	70.3	36.6
Leq Average 24 hrs. (dB(A))	49.4		
Lmax (dB(A))	90.6		
L90 (dB(A))			38.8
Ldn (dB(A))	56.3		
Standard (dB(A))	70	115	
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548			

Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3518990-1

Page 1 of 1

Sample Number	2610683-1
Parameter	Air Quality
Location	Ban Dong Long
Measurement Date	Feb 18 - Feb 19, 2026
Measurement by	Jasaratut Pattama
Sound Level meter	Serial No. 296513

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 PM - 02:00 PM	46.8	64.6	44.3
02:00 PM - 03:00 PM	46.6	72.0	38.0
03:00 PM - 04:00 PM	46.9	73.2	37.8
04:00 PM - 05:00 PM	45.0	68.5	37.1
05:00 PM - 06:00 PM	44.7	74.5	35.4
06:00 PM - 07:00 PM	46.8	67.9	39.8
07:00 PM - 08:00 PM	49.6	66.5	47.4
08:00 PM - 09:00 PM	49.1	68.7	46.4
09:00 PM - 10:00 PM	47.4	62.4	45.9
10:00 PM - 11:00 PM	46.5	64.3	44.0
11:00 PM - 12:00 AM	50.1	71.6	43.8
12:00 AM - 01:00 AM	43.9	58.1	42.7
01:00 AM - 02:00 AM	46.5	69.1	41.1
02:00 AM - 03:00 AM	42.9	57.8	41.5
03:00 AM - 04:00 AM	45.2	67.9	41.4
04:00 AM - 05:00 AM	47.0	69.3	40.3
05:00 AM - 06:00 AM	55.9	80.6	43.1
06:00 AM - 07:00 AM	55.2	77.9	43.5
07:00 AM - 08:00 AM	51.9	76.0	40.8
08:00 AM - 09:00 AM	47.5	67.2	39.8
09:00 AM - 10:00 AM	45.6	65.2	38.9
10:00 AM - 11:00 AM	45.2	72.3	37.8
11:00 AM - 12:00 PM	43.2	80.2	37.3
12:00 PM - 01:00 PM	46.8	82.6	36.8
Leq Average 24 hrs. (dB(A))	48.9		
Lmax (dB(A))		82.6	
L90 (dB(A))			40.8
Ldn (dB(A))	56.7		
Standard (dB(A))	70	115	
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548			

Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3518993-1

Page 1 of 1

Sample Number	2610683-4
Parameter	Air Quality
Location	Ban Nong Ra Man
Measurement Date	Feb 18 - Feb 19, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597155
Time	
02:00 PM - 03:00 PM	52.3
03:00 PM - 04:00 PM	49.0
04:00 PM - 05:00 PM	51.4
05:00 PM - 06:00 PM	50.9
06:00 PM - 07:00 PM	50.6
07:00 PM - 08:00 PM	46.7
08:00 PM - 09:00 PM	47.8
09:00 PM - 10:00 PM	47.7
10:00 PM - 11:00 PM	47.6
11:00 PM - 12:00 AM	45.1
12:00 AM - 01:00 AM	44.6
01:00 AM - 02:00 AM	46.6
02:00 AM - 03:00 AM	45.0
03:00 AM - 04:00 AM	48.4
04:00 AM - 05:00 AM	49.7
05:00 AM - 06:00 AM	54.0
06:00 AM - 07:00 AM	55.7
07:00 AM - 08:00 AM	54.8
08:00 AM - 09:00 AM	53.6
09:00 AM - 10:00 AM	51.8
10:00 AM - 11:00 AM	49.6
11:00 AM - 12:00 PM	47.9
12:00 PM - 01:00 PM	50.2
01:00 PM - 02:00 PM	57.3
Leq Average 24 hrs. (dB(A))	
Lmax (dB(A))	51.3
L90 (dB(A))	41.9
Ldn (dB(A))	56.9
Standard (dB(A))	70
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการ โรงงาน พ.ศ. 2548	



Technical Management

Scientist (3)

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Section Head

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3518992-1

Page 1 of 1

Sample Number	2610683-3
Parameter	Air Quality
Location	Ban Dong Long
Measurement Date	Feb 20 - Feb 21, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 296513
Time	
01:00 PM - 02:00 PM	43.4
02:00 PM - 03:00 PM	45.3
03:00 PM - 04:00 PM	47.6
04:00 PM - 05:00 PM	46.3
05:00 PM - 06:00 PM	48.1
06:00 PM - 07:00 PM	48.2
07:00 PM - 08:00 PM	47.8
08:00 PM - 09:00 PM	47.8
09:00 PM - 10:00 PM	45.1
10:00 PM - 11:00 PM	43.6
11:00 PM - 12:00 AM	45.2
12:00 AM - 01:00 AM	43.8
01:00 AM - 02:00 AM	42.6
02:00 AM - 03:00 AM	43.4
03:00 AM - 04:00 AM	44.7
04:00 AM - 05:00 AM	49.7
05:00 AM - 06:00 AM	55.3
06:00 AM - 07:00 AM	53.2
07:00 AM - 08:00 AM	53.9
08:00 AM - 09:00 AM	48.0
09:00 AM - 10:00 AM	43.5
10:00 AM - 11:00 AM	47.5
11:00 AM - 12:00 PM	43.3
12:00 PM - 01:00 PM	44.4
Leq Average 24 hrs. (dB(A))	
Lmax (dB(A))	48.4
L90 (dB(A))	39.1
Ldn (dB(A))	55.6
Standard (dB(A))	70
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการ โรงงาน พ.ศ. 2548	



Technical Management

Scientist (3)

Approved by

Section Head

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3518995-1

Page 1 of 1

Sample Number	2610683-6
Parameter	Air Quality
Location	Ban Nong Ra Man
Measurement Date	Feb 20 - Feb 21, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597155
Time	
02:00 PM - 03:00 PM	50.2
03:00 PM - 04:00 PM	49.5
04:00 PM - 05:00 PM	49.7
05:00 PM - 06:00 PM	50.9
06:00 PM - 07:00 PM	47.1
07:00 PM - 08:00 PM	48.7
08:00 PM - 09:00 PM	48.7
09:00 PM - 10:00 PM	47.0
10:00 PM - 11:00 PM	47.0
11:00 PM - 12:00 AM	48.4
12:00 AM - 01:00 AM	45.4
01:00 AM - 02:00 AM	44.5
02:00 AM - 03:00 AM	44.5
03:00 AM - 04:00 AM	45.6
04:00 AM - 05:00 AM	48.1
05:00 AM - 06:00 AM	57.3
06:00 AM - 07:00 AM	59.0
07:00 AM - 08:00 AM	53.5
08:00 AM - 09:00 AM	52.0
09:00 AM - 10:00 AM	55.0
10:00 AM - 11:00 AM	52.3
11:00 AM - 12:00 PM	49.1
12:00 PM - 01:00 PM	51.9
01:00 PM - 02:00 PM	49.6
Leq Average 24 hrs. (dB(A))	
51.6	
Lmax (dB(A))	
89.1	
L90 (dB(A))	
41.9	
Ldn (dB(A))	
58.8	
Standard (dB(A))	
70	
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป	
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการ	
โรงงาน พ.ศ. 2548	



Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3518994-1

Page 1 of 1

Sample Number	2610683-5
Parameter	Air Quality
Location	Ban Nong Ra Man
Measurement Date	Feb 19 - Feb 20, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597155
Time	
02:00 PM - 03:00 PM	50.2
03:00 PM - 04:00 PM	55.6
04:00 PM - 05:00 PM	54.2
05:00 PM - 06:00 PM	52.5
06:00 PM - 07:00 PM	46.2
07:00 PM - 08:00 PM	51.4
08:00 PM - 09:00 PM	49.0
09:00 PM - 10:00 PM	48.2
10:00 PM - 11:00 PM	46.3
11:00 PM - 12:00 AM	48.3
12:00 AM - 01:00 AM	47.5
01:00 AM - 02:00 AM	48.5
02:00 AM - 03:00 AM	48.4
03:00 AM - 04:00 AM	49.1
04:00 AM - 05:00 AM	52.7
05:00 AM - 06:00 AM	56.4
06:00 AM - 07:00 AM	60.0
07:00 AM - 08:00 AM	53.4
08:00 AM - 09:00 AM	51.1
09:00 AM - 10:00 AM	50.1
10:00 AM - 11:00 AM	51.8
11:00 AM - 12:00 PM	49.7
12:00 PM - 01:00 PM	47.4
01:00 PM - 02:00 PM	52.6
Leq Average 24 hrs. (dB(A))	
52.4	
Lmax (dB(A))	
90.8	
L90 (dB(A))	
59.7	
Ldn (dB(A))	
70	
Standard (dB(A))	
115	
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป	
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการ	
โรงงาน พ.ศ. 2548	



Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519012-1

Sample Number	2610683-23
Parameter	Air Quality
Location	Ban Klong Sai Yang Rong
Measurement Date	Feb 19 - Feb 20, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 296514

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:00 PM - 04:00 PM	44.1	72.4	37.1
04:00 PM - 05:00 PM	46.7	69.8	38.2
05:00 PM - 06:00 PM	46.5	67.0	39.5
06:00 PM - 07:00 PM	44.8	67.1	38.0
07:00 PM - 08:00 PM	44.7	59.2	43.0
08:00 PM - 09:00 PM	46.7	66.8	44.0
09:00 PM - 10:00 PM	45.3	51.1	44.0
10:00 PM - 11:00 PM	45.6	60.6	43.5
11:00 PM - 12:00 AM	44.5	63.1	42.1
12:00 AM - 01:00 AM	43.7	57.1	41.8
01:00 AM - 02:00 AM	42.1	57.7	41.0
02:00 AM - 03:00 AM	42.4	58.2	41.1
03:00 AM - 04:00 AM	42.3	63.3	41.2
04:00 AM - 05:00 AM	42.2	61.4	39.9
05:00 AM - 06:00 AM	43.3	62.3	39.9
06:00 AM - 07:00 AM	46.2	60.8	41.1
07:00 AM - 08:00 AM	45.2	67.5	39.9
08:00 AM - 09:00 AM	47.7	72.7	41.0
09:00 AM - 10:00 AM	49.8	62.7	44.9
10:00 AM - 11:00 AM	48.8	67.4	41.3
11:00 AM - 12:00 PM	44.3	63.0	37.4
12:00 PM - 01:00 PM	44.4	65.4	36.6
01:00 PM - 02:00 PM	43.6	66.6	37.2
02:00 PM - 03:00 PM	44.0	70.4	35.9
Leq Average 24 hrs. (dB(A))	45.4		
Lmax (dB(A))	72.7		
L90 (dB(A))			41.0
Ldn (dB(A))	50.7		
Standard (dB(A))	70		
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ ทั้งนี้ พ.ศ. 2548			



Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519011-1

Sample Number	2610683-22
Parameter	Air Quality
Location	Ban Klong Sai Yang Rong
Measurement Date	Feb 18 - Feb 19, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 296514

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
03:00 PM - 04:00 PM	44.5	59.0	42.8
04:00 PM - 05:00 PM	44.5	65.6	37.1
05:00 PM - 06:00 PM	47.3	76.8	37.5
06:00 PM - 07:00 PM	43.4	67.0	36.3
07:00 PM - 08:00 PM	44.2	57.9	42.6
08:00 PM - 09:00 PM	44.7	57.9	43.8
09:00 PM - 10:00 PM	44.4	62.6	43.0
10:00 PM - 11:00 PM	43.9	50.3	42.9
11:00 PM - 12:00 AM	43.4	54.6	42.2
12:00 AM - 01:00 AM	42.1	47.5	40.8
01:00 AM - 02:00 AM	42.3	56.0	41.0
02:00 AM - 03:00 AM	42.6	56.7	40.8
03:00 AM - 04:00 AM	42.3	53.8	40.7
04:00 AM - 05:00 AM	43.3	64.7	40.5
05:00 AM - 06:00 AM	43.8	64.9	41.3
06:00 AM - 07:00 AM	48.2	75.0	41.9
07:00 AM - 08:00 AM	47.1	66.3	41.3
08:00 AM - 09:00 AM	48.7	65.1	42.6
09:00 AM - 10:00 AM	49.5	64.5	44.6
10:00 AM - 11:00 AM	50.5	68.9	43.3
11:00 AM - 12:00 PM	44.2	62.8	38.0
12:00 PM - 01:00 PM	45.8	66.0	39.2
01:00 PM - 02:00 PM	44.0	61.6	37.3
02:00 PM - 03:00 PM	47.1	73.1	37.3
Leq Average 24 hrs. (dB(A))	45.8		
Lmax (dB(A))	76.8		
L90 (dB(A))			41.0
Ldn (dB(A))	50.9		
Standard (dB(A))	70		
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ ทั้งนี้ พ.ศ. 2548			



Technical Management

Scientist (3)

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Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheiuk, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3518999-1

Page 1 of 1

Sample Number	2610683-10
Parameter	Air Quality
Location	Ban Khiao Mor
Measurement Date	Feb 22 - Feb 23, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597159
Time	
12:00 PM - 01:00 PM	42.3
01:00 PM - 02:00 PM	45.0
02:00 PM - 03:00 PM	43.6
03:00 PM - 04:00 PM	44.0
04:00 PM - 05:00 PM	48.1
05:00 PM - 06:00 PM	45.5
06:00 PM - 07:00 PM	47.4
07:00 PM - 08:00 PM	47.4
08:00 PM - 09:00 PM	49.3
09:00 PM - 10:00 PM	48.5
10:00 PM - 11:00 PM	48.0
11:00 PM - 12:00 AM	48.3
12:00 AM - 01:00 AM	48.2
01:00 AM - 02:00 AM	46.7
02:00 AM - 03:00 AM	47.6
03:00 AM - 04:00 AM	49.3
04:00 AM - 05:00 AM	49.8
05:00 AM - 06:00 AM	51.0
06:00 AM - 07:00 AM	51.6
07:00 AM - 08:00 AM	52.0
08:00 AM - 09:00 AM	49.1
09:00 AM - 10:00 AM	49.2
10:00 AM - 11:00 AM	44.5
11:00 AM - 12:00 PM	44.0
Leq Average 24 hrs. (dB(A))	48.3
Lmax (dB(A))	81.1
L90 (dB(A))	43.4
Ldn (dB(A))	55.4
Standard (dB(A))	70
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป	
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548	



Technical Management

Scientist (3)

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheiuk, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519013-1

Page 1 of 1

Sample Number	2610683-24
Parameter	Air Quality
Location	Ban Klong Sai Yang Rong
Measurement Date	Feb 20 - Feb 21, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 296514
Time	
03:00 PM - 04:00 PM	46.8
04:00 PM - 05:00 PM	44.9
05:00 PM - 06:00 PM	46.8
06:00 PM - 07:00 PM	44.3
07:00 PM - 08:00 PM	45.8
08:00 PM - 09:00 PM	45.8
09:00 PM - 10:00 PM	44.9
10:00 PM - 11:00 PM	43.3
11:00 PM - 12:00 AM	43.2
12:00 AM - 01:00 AM	41.9
01:00 AM - 02:00 AM	41.4
02:00 AM - 03:00 AM	40.8
03:00 AM - 04:00 AM	41.0
04:00 AM - 05:00 AM	41.0
05:00 AM - 06:00 AM	43.9
06:00 AM - 07:00 AM	45.1
07:00 AM - 08:00 AM	46.4
08:00 AM - 09:00 AM	49.0
09:00 AM - 10:00 AM	44.8
10:00 AM - 11:00 AM	43.5
11:00 AM - 12:00 PM	43.4
12:00 PM - 01:00 PM	43.4
01:00 PM - 02:00 PM	44.3
02:00 PM - 03:00 PM	44.1
Leq Average 24 hrs. (dB(A))	44.6
Lmax (dB(A))	70.7
L90 (dB(A))	49.5
Ldn (dB(A))	70
Standard (dB(A))	115
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป	
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548	



Technical Management

Scientist (3)

Approved by

Section Head

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519001-1

Page 1 of 1

Sample Number	2610683-12
Parameter	Air Quality
Location	Ban Khao Mor
Measurement Date	Feb 24 - Feb 25, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597159

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	43.0	66.9	35.3
01:00 PM - 02:00 PM	45.3	70.1	36.9
02:00 PM - 03:00 PM	45.1	66.2	37.1
03:00 PM - 04:00 PM	47.4	70.3	37.8
04:00 PM - 05:00 PM	51.0	77.8	38.1
05:00 PM - 06:00 PM	55.9	74.1	47.8
06:00 PM - 07:00 PM	49.6	62.7	46.2
07:00 PM - 08:00 PM	51.6	70.1	47.5
08:00 PM - 09:00 PM	50.7	64.3	47.5
09:00 PM - 10:00 PM	48.6	61.7	45.8
10:00 PM - 11:00 PM	48.0	66.7	45.4
11:00 PM - 12:00 AM	48.3	65.2	45.5
12:00 AM - 01:00 AM	46.4	55.4	43.7
01:00 AM - 02:00 AM	45.0	48.7	43.7
02:00 AM - 03:00 AM	46.3	63.9	44.3
03:00 AM - 04:00 AM	44.1	64.1	42.4
04:00 AM - 05:00 AM	45.5	56.7	42.1
05:00 AM - 06:00 AM	46.7	66.7	40.9
06:00 AM - 07:00 AM	54.0	81.0	39.1
07:00 AM - 08:00 AM	47.7	67.2	38.8
08:00 AM - 09:00 AM	47.2	70.5	38.6
09:00 AM - 10:00 AM	49.7	72.8	38.2
10:00 AM - 11:00 AM	48.7	75.0	37.6
11:00 AM - 12:00 PM	45.6	67.0	34.3
Leq Average 24 hrs. (dB(A))	49.2		
Lmax (dB(A))	81.0		
L90 (dB(A))			40.9
Ldn (dB(A))	54.9		
Standard (dB(A))	70	115	
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548			

Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519000-1

Page 1 of 1

Sample Number	2610683-11
Parameter	Air Quality
Location	Ban Khao Mor
Measurement Date	Feb 23 - Feb 24, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597159

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	43.6	64.7	35.5
01:00 PM - 02:00 PM	44.1	63.2	37.1
02:00 PM - 03:00 PM	46.1	71.5	36.5
03:00 PM - 04:00 PM	46.9	68.1	37.8
04:00 PM - 05:00 PM	64.0	81.5	41.7
05:00 PM - 06:00 PM	68.3	79.7	60.9
06:00 PM - 07:00 PM	60.3	78.3	41.5
07:00 PM - 08:00 PM	50.2	62.7	47.1
08:00 PM - 09:00 PM	50.9	63.1	48.7
09:00 PM - 10:00 PM	50.6	74.0	46.1
10:00 PM - 11:00 PM	46.0	60.7	43.8
11:00 PM - 12:00 AM	45.3	63.0	44.0
12:00 AM - 01:00 AM	44.7	51.5	44.0
01:00 AM - 02:00 AM	45.3	55.5	43.5
02:00 AM - 03:00 AM	45.1	62.0	43.0
03:00 AM - 04:00 AM	44.6	55.7	42.6
04:00 AM - 05:00 AM	45.9	58.3	43.7
05:00 AM - 06:00 AM	57.8	70.6	46.3
06:00 AM - 07:00 AM	58.1	72.1	50.3
07:00 AM - 08:00 AM	54.8	70.4	44.5
08:00 AM - 09:00 AM	47.6	66.6	41.3
09:00 AM - 10:00 AM	48.9	72.3	41.8
10:00 AM - 11:00 AM	43.6	65.8	37.7
11:00 AM - 12:00 PM	42.0	64.6	35.0
Leq Average 24 hrs. (dB(A))	57.3		
Lmax (dB(A))	81.5		
L90 (dB(A))			43.0
Ldn (dB(A))	60.4		
Standard (dB(A))	70	115	
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548			

Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519015-1

Page 1 of 1

Sample Number	2610683-26
Parameter	Air Quality
Location	Ban Long Du
Measurement Date	Feb 19 - Feb 20, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597156
Time	
02:00 PM - 03:00 PM	50.4
03:00 PM - 04:00 PM	49.4
04:00 PM - 05:00 PM	47.0
05:00 PM - 06:00 PM	51.6
06:00 PM - 07:00 PM	47.0
07:00 PM - 08:00 PM	46.3
08:00 PM - 09:00 PM	45.3
09:00 PM - 10:00 PM	46.3
10:00 PM - 11:00 PM	47.3
11:00 PM - 12:00 AM	45.5
12:00 AM - 01:00 AM	46.3
01:00 AM - 02:00 AM	47.4
02:00 AM - 03:00 AM	47.7
03:00 AM - 04:00 AM	46.2
04:00 AM - 05:00 AM	57.3
05:00 AM - 06:00 AM	50.5
06:00 AM - 07:00 AM	52.3
07:00 AM - 08:00 AM	49.4
08:00 AM - 09:00 AM	49.1
09:00 AM - 10:00 AM	47.6
10:00 AM - 11:00 AM	45.6
11:00 AM - 12:00 PM	48.3
12:00 PM - 01:00 PM	46.1
01:00 PM - 02:00 PM	47.2
Leq Average 24 hrs. (dB(A))	49.4
Lmax (dB(A))	83.8
L90 (dB(A))	41.8
Ldn (dB(A))	57.0
Standard (dB(A))	70
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป	
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงใช้เพื่อการประเมินผลกระทบ	
รายงาน พ.ศ. 2548	



Technical Management

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Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519014-1

Page 1 of 1

Sample Number	2610683-25
Parameter	Air Quality
Location	Ban Long Du
Measurement Date	Feb 18 - Feb 19, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597156
Time	
02:00 PM - 03:00 PM	53.5
03:00 PM - 04:00 PM	48.8
04:00 PM - 05:00 PM	49.5
05:00 PM - 06:00 PM	50.5
06:00 PM - 07:00 PM	48.3
07:00 PM - 08:00 PM	47.0
08:00 PM - 09:00 PM	48.0
09:00 PM - 10:00 PM	47.9
10:00 PM - 11:00 PM	48.7
11:00 PM - 12:00 AM	47.3
12:00 AM - 01:00 AM	47.5
01:00 AM - 02:00 AM	44.1
02:00 AM - 03:00 AM	45.8
03:00 AM - 04:00 AM	46.1
04:00 AM - 05:00 AM	57.4
05:00 AM - 06:00 AM	51.5
06:00 AM - 07:00 AM	51.4
07:00 AM - 08:00 AM	50.4
08:00 AM - 09:00 AM	49.6
09:00 AM - 10:00 AM	48.4
10:00 AM - 11:00 AM	46.0
11:00 AM - 12:00 PM	44.3
12:00 PM - 01:00 PM	43.6
01:00 PM - 02:00 PM	44.0
Leq Average 24 hrs. (dB(A))	49.7
Lmax (dB(A))	83.1
L90 (dB(A))	43.1
Ldn (dB(A))	57.1
Standard (dB(A))	70
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป	
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงใช้เพื่อการประเมินผลกระทบ	
รายงาน พ.ศ. 2548	



Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochelek, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3518996-1

Page 1 of 1

Sample Number	2610683-7
Parameter	Air Quality
Location	Ban Nong Jang
Measurement Date	Feb 22 - Feb 23, 2026
Measurement by	Wissarut Pattana
Sound Level meter	Serial No. 296514
Time	
11:00 AM - 12:00 PM	55.3
12:00 PM - 01:00 PM	50.3
01:00 PM - 02:00 PM	51.0
02:00 PM - 03:00 PM	50.3
03:00 PM - 04:00 PM	52.2
04:00 PM - 05:00 PM	52.0
05:00 PM - 06:00 PM	52.5
06:00 PM - 07:00 PM	56.0
07:00 PM - 08:00 PM	51.5
08:00 PM - 09:00 PM	52.8
09:00 PM - 10:00 PM	53.4
10:00 PM - 11:00 PM	53.6
11:00 PM - 12:00 AM	52.4
12:00 AM - 01:00 AM	52.3
01:00 AM - 02:00 AM	52.0
02:00 AM - 03:00 AM	52.2
03:00 AM - 04:00 AM	52.4
04:00 AM - 05:00 AM	53.7
05:00 AM - 06:00 AM	55.5
06:00 AM - 07:00 AM	55.1
07:00 AM - 08:00 AM	58.4
08:00 AM - 09:00 AM	54.3
09:00 AM - 10:00 AM	56.4
10:00 AM - 11:00 AM	57.6
Leq Average 24 hrs. (dB(A))	54.0
Lmax (dB(A))	83.4
L90 (dB(A))	47.1
Ldn (dB(A))	60.0
J standard (dB(A))	70
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป	
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ	
พ.ร.บ. พ.ศ. 2548	

Technical Management

Approved by

J. Scientist (3)

J. Section Head

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochelek, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519016-1

Page 1 of 1

Sample Number	2610683-27
Parameter	Air Quality
Location	Ban Long Du
Measurement Date	Feb 20 - Feb 21, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597156
Time	
02:00 PM - 03:00 PM	50.1
03:00 PM - 04:00 PM	46.6
04:00 PM - 05:00 PM	49.8
05:00 PM - 06:00 PM	52.5
06:00 PM - 07:00 PM	49.0
07:00 PM - 08:00 PM	48.5
08:00 PM - 09:00 PM	47.3
09:00 PM - 10:00 PM	48.6
10:00 PM - 11:00 PM	47.7
11:00 PM - 12:00 AM	47.2
12:00 AM - 01:00 AM	45.9
01:00 AM - 02:00 AM	43.8
02:00 AM - 03:00 AM	45.3
03:00 AM - 04:00 AM	43.5
04:00 AM - 05:00 AM	57.5
05:00 AM - 06:00 AM	51.9
06:00 AM - 07:00 AM	48.8
07:00 AM - 08:00 AM	50.4
08:00 AM - 09:00 AM	50.3
09:00 AM - 10:00 AM	47.1
10:00 AM - 11:00 AM	46.6
11:00 AM - 12:00 PM	47.7
12:00 PM - 01:00 PM	49.3
01:00 PM - 02:00 PM	47.3
Leq Average 24 hrs. (dB(A))	49.7
Lmax (dB(A))	83.5
L90 (dB(A))	56.8
Ldn (dB(A))	70
Standard (dB(A))	115
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป	
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ	
พ.ร.บ. พ.ศ. 2548	

Technical Management

Approved by

Scientist (3)

Section Head

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3518998-1

Page 1 of 1

Sample Number	2610683-9
Parameter	Air Quality
Location	Ban Nong Jang
Measurement Date	Feb 24 - Feb 25, 2026
Measurement by	Wisara Sut Pattama
Sound Level meter	Jerial No. 296514

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	62.4	96.2	46.5
12:00 PM - 01:00 PM	50.9	73.8	46.3
01:00 PM - 02:00 PM	50.0	71.5	46.0
02:00 PM - 03:00 PM	52.6	75.1	46.7
03:00 PM - 04:00 PM	54.7	80.8	47.2
04:00 PM - 05:00 PM	60.2	82.7	46.8
05:00 PM - 06:00 PM	56.9	80.7	48.0
06:00 PM - 07:00 PM	54.3	71.6	48.3
07:00 PM - 08:00 PM	53.0	75.5	49.0
08:00 PM - 09:00 PM	51.7	62.6	50.5
09:00 PM - 10:00 PM	53.4	82.3	50.8
10:00 PM - 11:00 PM	51.9	69.3	50.2
11:00 PM - 12:00 AM	51.5	73.7	48.9
12:00 AM - 01:00 AM	48.5	64.1	47.3
01:00 AM - 02:00 AM	49.4	67.5	48.1
02:00 AM - 03:00 AM	50.8	59.7	49.5
03:00 AM - 04:00 AM	51.2	72.1	48.8
04:00 AM - 05:00 AM	51.7	73.1	48.2
05:00 AM - 06:00 AM	51.6	72.9	48.3
06:00 AM - 07:00 AM	55.6	74.2	48.8
07:00 AM - 08:00 AM	55.0	76.7	47.5
08:00 AM - 09:00 AM	56.3	78.6	47.6
09:00 AM - 10:00 AM	54.6	77.8	47.3
10:00 AM - 11:00 AM	51.3	71.0	46.2
Leq Average 24 hrs. (dB(A))	54.9		
Lmax (dB(A))		96.2	
L90 (dB(A))			48.0
Ldn (dB(A))	59.1		
J standard (dB(A))	70	115	
Reference Method : DIO1996-1 and 1996-2			
J standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ ทั้งนี้ พ.ศ. 2548			

Technical Management

J dentist (3)

Approved by

Jection Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3518997-1

Page 1 of 1

Sample Number	2610683-8
Parameter	Air Quality
Location	Ban Nong Jang
Measurement Date	Feb 23 - Feb 24, 2026
Measurement by	Wisara Sut Pattama
Sound Level meter	Jerial No. 296514

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
11:00 AM - 12:00 PM	57.3	79.4	44.8
12:00 PM - 01:00 PM	51.3	70.2	44.9
01:00 PM - 02:00 PM	49.0	71.7	44.5
02:00 PM - 03:00 PM	52.6	83.3	44.6
03:00 PM - 04:00 PM	57.7	82.5	45.3
04:00 PM - 05:00 PM	57.6	78.7	46.4
05:00 PM - 06:00 PM	54.4	81.2	46.5
06:00 PM - 07:00 PM	53.2	86.3	45.9
07:00 PM - 08:00 PM	54.2	77.9	48.4
08:00 PM - 09:00 PM	52.8	71.2	50.7
09:00 PM - 10:00 PM	52.8	62.8	51.6
10:00 PM - 11:00 PM	53.1	73.2	50.7
11:00 PM - 12:00 AM	50.0	63.5	47.7
12:00 AM - 01:00 AM	51.3	62.0	48.9
01:00 AM - 02:00 AM	52.2	68.3	49.8
02:00 AM - 03:00 AM	52.6	72.7	50.0
03:00 AM - 04:00 AM	51.8	59.3	49.6
04:00 AM - 05:00 AM	52.6	72.3	50.0
05:00 AM - 06:00 AM	53.4	74.2	49.6
06:00 AM - 07:00 AM	57.5	78.0	50.3
07:00 AM - 08:00 AM	54.8	73.8	49.1
08:00 AM - 09:00 AM	55.3	78.5	47.9
09:00 AM - 10:00 AM	56.9	82.9	48.0
10:00 AM - 11:00 AM	52.6	78.9	46.3
Leq Average 24 hrs. (dB(A))	54.3		
Lmax (dB(A))		86.3	
L90 (dB(A))			48.0
Ldn (dB(A))	59.9		
J standard (dB(A))	70	115	
Reference Method : DIO1996-1 and 1996-2			
J standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ ทั้งนี้ พ.ศ. 2548			

Technical Management

J dentist (3)

Approved by

Jection Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519003-1

Page 1 of 1

Sample Number	2610683-14
Parameter	Air Quality
Location	Ban Khao Kham
Measurement Date	Feb 23 - Feb 24, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597156

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	41.0	70.6	33.8
01:00 PM - 02:00 PM	55.4	74.4	33.5
02:00 PM - 03:00 PM	50.8	71.5	33.0
03:00 PM - 04:00 PM	47.1	71.7	33.8
04:00 PM - 05:00 PM	50.7	67.5	33.3
05:00 PM - 06:00 PM	54.2	72.1	34.9
06:00 PM - 07:00 PM	46.8	73.8	34.3
07:00 PM - 08:00 PM	41.9	66.6	39.5
08:00 PM - 09:00 PM	43.6	62.3	40.7
09:00 PM - 10:00 PM	45.0	70.3	40.6
10:00 PM - 11:00 PM	54.2	80.7	36.1
11:00 PM - 12:00 AM	38.9	49.4	37.7
12:00 AM - 01:00 AM	48.8	76.8	38.2
01:00 AM - 02:00 AM	49.8	83.1	37.0
02:00 AM - 03:00 AM	41.8	62.7	40.1
03:00 AM - 04:00 AM	41.1	49.4	39.4
04:00 AM - 05:00 AM	41.7	68.6	39.4
05:00 AM - 06:00 AM	49.9	68.4	39.8
06:00 AM - 07:00 AM	54.6	70.4	45.0
07:00 AM - 08:00 AM	52.4	74.2	44.4
08:00 AM - 09:00 AM	46.4	80.7	38.2
09:00 AM - 10:00 AM	47.0	69.3	37.6
10:00 AM - 11:00 AM	43.5	62.1	36.7
11:00 AM - 12:00 PM	41.6	62.7	34.5
Leq Average 24 hrs. (dB(A))	49.6		
Lmax (dB(A))	83.1		
L90 (dB(A))			37.6
Ldn (dB(A))	56.1		
Standard (dB(A))	70	115	
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548			



Technical Management

Scientist (3)

Approved by

Section Head

Life Sciences

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2244-23) EMAIL

S:\Reports_Air\Noise pr (9.38AM)



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519002-1

Page 1 of 1

Sample Number	2610683-13
Parameter	Air Quality
Location	Ban Khao Kham
Measurement Date	Feb 22 - Feb 23, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597156

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	46.6	75.7	34.1
01:00 PM - 02:00 PM	57.0	71.7	44.4
02:00 PM - 03:00 PM	40.2	62.2	32.5
03:00 PM - 04:00 PM	45.3	65.7	33.6
04:00 PM - 05:00 PM	40.4	58.6	34.3
05:00 PM - 06:00 PM	41.5	65.4	33.1
06:00 PM - 07:00 PM	48.0	77.0	32.8
07:00 PM - 08:00 PM	42.8	64.0	37.8
08:00 PM - 09:00 PM	44.6	68.3	42.3
09:00 PM - 10:00 PM	44.1	60.0	41.8
10:00 PM - 11:00 PM	42.6	55.7	41.0
11:00 PM - 12:00 AM	41.6	53.4	39.5
12:00 AM - 01:00 AM	42.2	57.3	39.7
01:00 AM - 02:00 AM	43.7	71.0	40.7
02:00 AM - 03:00 AM	42.5	61.6	40.8
03:00 AM - 04:00 AM	45.1	72.8	42.5
04:00 AM - 05:00 AM	44.3	73.6	41.6
05:00 AM - 06:00 AM	47.9	74.0	40.5
06:00 AM - 07:00 AM	50.0	74.2	40.5
07:00 AM - 08:00 AM	49.4	73.2	42.7
08:00 AM - 09:00 AM	49.3	81.6	42.1
09:00 AM - 10:00 AM	47.6	75.0	41.5
10:00 AM - 11:00 AM	45.0	62.2	39.7
11:00 AM - 12:00 PM	48.3	71.5	34.3
Leq Average 24 hrs. (dB(A))	47.6		
Lmax (dB(A))		81.6	
L90 (dB(A))			40.5
Ldn (dB(A))	52.4		
Standard (dB(A))	70	115	
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548			



Technical Management

Scientist (3)

Approved by

Section Head

Life Sciences

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S:\Reports_Air\Noise pr (9.38AM)



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519005-1

Page 1 of 1

Sample Number	2610683-16
Parameter	Air Quality
Location	Ban Tung Thong
Measurement Date	Feb 22 - Feb 23, 2026
Measurement by	Jasrawut Pattama
Sound Level meter	Serial No. 296513

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 PM - 02:00 PM	56.9	80.4	39.0
02:00 PM - 03:00 PM	60.5	81.3	39.9
03:00 PM - 04:00 PM	57.9	79.0	39.4
04:00 PM - 05:00 PM	55.0	83.0	38.3
05:00 PM - 06:00 PM	50.1	79.7	38.0
06:00 PM - 07:00 PM	44.3	62.2	40.0
07:00 PM - 08:00 PM	47.2	74.8	44.8
08:00 PM - 09:00 PM	46.0	63.4	45.3
09:00 PM - 10:00 PM	46.0	61.2	45.0
10:00 PM - 11:00 PM	45.9	55.5	44.8
11:00 PM - 12:00 AM	47.0	60.0	46.0
12:00 AM - 01:00 AM	47.7	56.8	46.9
01:00 AM - 02:00 AM	47.6	65.5	46.0
02:00 AM - 03:00 AM	47.9	62.5	46.8
03:00 AM - 04:00 AM	48.7	68.5	47.8
04:00 AM - 05:00 AM	48.6	60.4	47.2
05:00 AM - 06:00 AM	53.1	78.5	45.7
06:00 AM - 07:00 AM	51.8	79.1	42.1
07:00 AM - 08:00 AM	55.8	82.6	42.6
08:00 AM - 09:00 AM	58.8	80.8	41.4
09:00 AM - 10:00 AM	60.9	80.5	40.7
10:00 AM - 11:00 AM	53.7	79.7	40.3
11:00 AM - 12:00 PM	63.5	82.5	43.6
12:00 PM - 01:00 PM	61.5	80.9	37.8
Leq Average 24 hrs. (dB(A))	56.1		
Lmax (dB(A))	83.0		
L90 (dB(A))			42.6
Ldn (dB(A))	58.4		
Standard (dB(A))	70	115	
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548			

Technical Management	Scientist (3)	Approved by	Section Head
[Redacted Signature]			

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519004-1

Page 1 of 1

Sample Number	2610683-15
Parameter	Air Quality
Location	Ban Khao Kham
Measurement Date	Feb 24 - Feb 25, 2026
Measurement by	Jasrawut Pattama
Sound Level meter	Serial No. 597156

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
12:00 PM - 01:00 PM	42.8	61.8	35.1
01:00 PM - 02:00 PM	44.5	69.2	34.5
02:00 PM - 03:00 PM	40.0	63.9	32.9
03:00 PM - 04:00 PM	43.5	65.5	33.0
04:00 PM - 05:00 PM	40.7	63.7	33.3
05:00 PM - 06:00 PM	51.6	72.5	35.4
06:00 PM - 07:00 PM	48.0	68.9	39.3
07:00 PM - 08:00 PM	46.8	72.7	39.0
08:00 PM - 09:00 PM	45.1	73.9	41.9
09:00 PM - 10:00 PM	43.6	67.5	41.1
10:00 PM - 11:00 PM	43.2	61.0	41.7
11:00 PM - 12:00 AM	40.7	63.4	36.0
12:00 AM - 01:00 AM	39.0	68.7	36.2
01:00 AM - 02:00 AM	45.4	72.4	37.7
02:00 AM - 03:00 AM	50.1	82.6	37.6
03:00 AM - 04:00 AM	42.3	64.9	40.4
04:00 AM - 05:00 AM	46.2	73.2	40.2
05:00 AM - 06:00 AM	44.3	64.4	41.0
06:00 AM - 07:00 AM	49.2	73.0	40.6
07:00 AM - 08:00 AM	46.7	73.1	37.7
08:00 AM - 09:00 AM	49.4	82.4	38.0
09:00 AM - 10:00 AM	48.4	70.2	35.5
10:00 AM - 11:00 AM	43.6	68.2	34.4
11:00 AM - 12:00 PM	41.7	61.8	35.1
Leq Average 24 hrs. (dB(A))	46.2		
Lmax (dB(A))	82.6		
L90 (dB(A))			37.6
Ldn (dB(A))	52.3		
Standard (dB(A))	70	115	
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548			

Technical Management	Scientist (3)	Approved by	Section Head
[Redacted Signature]			

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519007-1

Sample Number	2610683-18
Parameter	Air Quality
Location	Ban Tung Thong
Measurement Date	Feb 24 - Feb 25, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 296513

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 PM - 02:00 PM	53.7	80.2	41.2
02:00 PM - 03:00 PM	54.7	80.9	42.9
03:00 PM - 04:00 PM	58.0	83.1	45.1
04:00 PM - 05:00 PM	55.2	83.9	41.5
05:00 PM - 06:00 PM	56.3	83.0	41.9
06:00 PM - 07:00 PM	47.0	69.7	42.1
07:00 PM - 08:00 PM	45.5	75.1	42.9
08:00 PM - 09:00 PM	45.1	65.7	42.9
09:00 PM - 10:00 PM	46.8	63.0	43.7
10:00 PM - 11:00 PM	44.1	63.1	42.9
11:00 PM - 12:00 AM	45.1	67.1	42.3
12:00 AM - 01:00 AM	45.5	63.6	42.9
01:00 AM - 02:00 AM	46.1	70.2	43.4
02:00 AM - 03:00 AM	46.4	70.5	41.7
03:00 AM - 04:00 AM	48.1	69.1	42.9
04:00 AM - 05:00 AM	46.3	66.6	42.4
05:00 AM - 06:00 AM	58.5	78.7	42.7
06:00 AM - 07:00 AM	50.0	81.8	40.2
07:00 AM - 08:00 AM	54.8	78.6	40.8
08:00 AM - 09:00 AM	58.0	79.7	43.3
09:00 AM - 10:00 AM	53.3	81.5	41.7
10:00 AM - 11:00 AM	55.9	79.5	40.8
11:00 AM - 12:00 PM	60.6	84.4	42.1
12:00 PM - 01:00 PM	46.7	67.7	40.5

Leq Average 24 hrs. (dB(A))	53.9
Lmax (dB(A))	84.4
L90 (dB(A))	42.3
Ldn (dB(A))	
Standard (dB(A))	115
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป	
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ	
โดยงาน พ.ศ. 2548	

Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519006-1

Sample Number	2610683-17
Parameter	Air Quality
Location	Ban Tung Thong
Measurement Date	Feb 23 - Feb 24, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 296513

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 PM - 02:00 PM	59.6	84.2	38.6
02:00 PM - 03:00 PM	52.8	80.1	41.2
03:00 PM - 04:00 PM	56.5	79.2	43.2
04:00 PM - 05:00 PM	54.0	80.6	38.4
05:00 PM - 06:00 PM	55.9	82.0	38.5
06:00 PM - 07:00 PM	48.2	76.2	41.5
07:00 PM - 08:00 PM	48.7	70.9	42.5
08:00 PM - 09:00 PM	47.4	63.5	43.4
09:00 PM - 10:00 PM	44.6	74.7	41.9
10:00 PM - 11:00 PM	48.0	76.6	42.1
11:00 PM - 12:00 AM	45.8	57.1	44.7
12:00 AM - 01:00 AM	44.8	64.1	43.0
01:00 AM - 02:00 AM	44.5	61.6	43.3
02:00 AM - 03:00 AM	50.5	81.6	44.7
03:00 AM - 04:00 AM	53.8	81.7	44.2
04:00 AM - 05:00 AM	47.7	66.0	45.8
05:00 AM - 06:00 AM	56.1	80.1	44.4
06:00 AM - 07:00 AM	57.0	80.4	41.8
07:00 AM - 08:00 AM	49.0	72.9	42.6
08:00 AM - 09:00 AM	59.1	83.7	42.0
09:00 AM - 10:00 AM	61.3	80.8	41.2
10:00 AM - 11:00 AM	62.8	85.8	41.3
11:00 AM - 12:00 PM	59.2	85.4	40.2
12:00 PM - 01:00 PM	58.9	80.3	39.9

Leq Average 24 hrs. (dB(A))	56.0
Lmax (dB(A))	85.8
L90 (dB(A))	
Ldn (dB(A))	
Standard (dB(A))	115
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป	
2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ	
โดยงาน พ.ศ. 2548	

Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519009-1

Page 1 of 1

Sample Number	2610683-20
Parameter	Air Quality
Location	Ban Mai Klong Ta Lud
Measurement Date	Feb 23 - Feb 24, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597155

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 PM - 02:00 PM	54.7	78.0	43.0
02:00 PM - 03:00 PM	51.3	78.3	43.7
03:00 PM - 04:00 PM	54.4	83.4	44.4
04:00 PM - 05:00 PM	53.2	78.1	44.9
05:00 PM - 06:00 PM	50.1	75.9	44.0
06:00 PM - 07:00 PM	52.0	78.1	44.2
07:00 PM - 08:00 PM	50.4	63.5	46.7
08:00 PM - 09:00 PM	51.2	65.8	48.0
09:00 PM - 10:00 PM	49.1	72.9	46.4
10:00 PM - 11:00 PM	48.4	69.0	47.2
11:00 PM - 12:00 AM	47.7	65.8	46.6
12:00 AM - 01:00 AM	57.4	73.2	46.6
01:00 AM - 02:00 AM	48.0	65.3	47.1
02:00 AM - 03:00 AM	48.2	53.2	47.4
03:00 AM - 04:00 AM	48.9	63.6	47.8
04:00 AM - 05:00 AM	49.4	68.9	46.3
05:00 AM - 06:00 AM	56.8	74.4	45.6
06:00 AM - 07:00 AM	55.9	83.9	43.1
07:00 AM - 08:00 AM	55.0	85.8	44.0
08:00 AM - 09:00 AM	57.8	86.2	43.9
09:00 AM - 10:00 AM	51.9	75.1	43.1
10:00 AM - 11:00 AM	51.4	77.6	42.0
11:00 AM - 12:00 PM	50.2	75.6	41.5
12:00 PM - 01:00 PM	49.3	70.5	41.5
Leq Average 24 hrs. (dB(A))	53.0		
Lmax (dB(A))		86.2	
L90 (dB(A))			44.4
Ldn (dB(A))	59.5		
Standard (dB(A))	70	115	
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ ทั้งนี้ พ.ศ. 2548			



Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519008-1

Page 1 of 1

Sample Number	2610683-19
Parameter	Air Quality
Location	Ban Mai Klong Ta Lud
Measurement Date	Feb 22 - Feb 23, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597155

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 PM - 02:00 PM	53.6	79.3	42.6
02:00 PM - 03:00 PM	52.1	86.9	42.8
03:00 PM - 04:00 PM	57.1	88.3	43.5
04:00 PM - 05:00 PM	56.0	81.7	43.5
05:00 PM - 06:00 PM	56.6	80.0	43.7
06:00 PM - 07:00 PM	53.6	89.3	44.3
07:00 PM - 08:00 PM	48.5	65.0	47.4
08:00 PM - 09:00 PM	49.2	66.7	48.1
09:00 PM - 10:00 PM	48.9	69.9	47.1
10:00 PM - 11:00 PM	48.7	60.0	45.9
11:00 PM - 12:00 AM	49.5	61.2	46.4
12:00 AM - 01:00 AM	50.3	63.7	48.5
01:00 AM - 02:00 AM	53.0	65.6	49.8
02:00 AM - 03:00 AM	54.5	65.2	52.9
03:00 AM - 04:00 AM	53.7	69.7	51.5
04:00 AM - 05:00 AM	51.9	70.1	48.4
05:00 AM - 06:00 AM	57.5	90.5	47.9
06:00 AM - 07:00 AM	57.3	79.1	44.2
07:00 AM - 08:00 AM	52.4	77.6	43.9
08:00 AM - 09:00 AM	55.0	77.5	42.8
09:00 AM - 10:00 AM	55.2	78.5	42.1
10:00 AM - 11:00 AM	46.5	67.0	41.6
11:00 AM - 12:00 PM	45.6	74.1	40.5
12:00 PM - 01:00 PM	48.1	75.7	41.5
Leq Average 24 hrs. (dB(A))	53.5		
Lmax (dB(A))		90.5	
L90 (dB(A))			44.2
Ldn (dB(A))	60.3		
Standard (dB(A))	70	115	
Reference Method : ISO1996-1 and 1996-2			
Standard : 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ ทั้งนี้ พ.ศ. 2548			



Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapklor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2610683
Date Received : Feb 28, 2026
Date Reported : Mar 04, 2026
Report Number: 3519010-1

Sample Number	2610683-21
Parameter	Air Quality
Location	Ban Mai Klong Ta Lud
Measurement Date	Feb 24 - Feb 25, 2026
Measurement by	Jatsarawat Pattama
Sound Level meter	Serial No. 597155

Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
01:00 PM - 02:00 PM	47.6	71.4	41.5
02:00 PM - 03:00 PM	49.2	69.8	44.8
03:00 PM - 04:00 PM	54.7	84.0	43.9
04:00 PM - 05:00 PM	50.7	75.7	43.2
05:00 PM - 06:00 PM	57.4	73.0	44.7
06:00 PM - 07:00 PM	51.3	77.2	44.5
07:00 PM - 08:00 PM	49.2	63.8	45.3
08:00 PM - 09:00 PM	47.6	71.8	45.6
09:00 PM - 10:00 PM	47.3	70.3	45.8
10:00 PM - 11:00 PM	47.8	73.1	46.0
11:00 PM - 12:00 AM	48.4	59.6	47.3
12:00 AM - 01:00 AM	47.9	66.5	46.8
01:00 AM - 02:00 AM	52.8	84.0	46.9
02:00 AM - 03:00 AM	47.7	63.5	46.7
03:00 AM - 04:00 AM	48.0	67.2	46.6
04:00 AM - 05:00 AM	48.5	65.4	46.5
05:00 AM - 06:00 AM	56.7	83.6	46.7
06:00 AM - 07:00 AM	56.0	90.8	44.2
07:00 AM - 08:00 AM	51.8	76.6	44.0
08:00 AM - 09:00 AM	50.5	71.5	43.6
09:00 AM - 10:00 AM	52.0	81.9	42.6
10:00 AM - 11:00 AM	51.5	80.0	42.6
11:00 AM - 12:00 PM	55.7	90.8	42.3
12:00 PM - 01:00 PM	50.3	78.6	38.9
Leq Average 24 hrs. (dB(A))	52.1		
Lmax (dB(A))		90.8	
L90 (dB(A))			44.7
Ldn (dB(A))	58.5		
Standard (dB(A))	70	115	
Reference Method	: ISO1996-1 and 1996-2		
Standard	: 1. ประกาศกระทรวงมหาดไทย เรื่อง ค่าระดับเสียงโดยปกติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ โดยฉบับ พ.ศ. 2548		

Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585066-1

Sample Number	2641638-3			
	Noise (Leq 24 hrs.)			
Parameter	Ban Dong Long (GPS 47Q 0678213, 1802154)			
Location	May 20 - May 21, 2026			
Measurement Date	Vanich Phantipit			
Measurement by	Serial No. 597155			
Sound Level meter				
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
	03:00 PM - 04:00 PM	42.3	71.1	36.1
	04:00 PM - 05:00 PM	48.8	69.1	36.2
	05:00 PM - 06:00 PM	46.7	76.6	35.1
	06:00 PM - 07:00 PM	48.3	70.0	33.9
	07:00 PM - 08:00 PM	50.3	78.9	33.8
	08:00 PM - 09:00 PM	49.8	75.3	41.0
	09:00 PM - 10:00 PM	46.1	58.6	44.8
	10:00 PM - 11:00 PM	45.2	62.0	43.1
	11:00 PM - 12:00 AM	44.4	66.7	42.5
	12:00 AM - 01:00 AM	42.4	68.2	40.6
	01:00 AM - 02:00 AM	42.2	56.6	40.0
	02:00 AM - 03:00 AM	45.8	62.1	39.4
	03:00 AM - 04:00 AM	54.9	67.3	50.8
	04:00 AM - 05:00 AM	51.4	58.7	45.0
	05:00 AM - 06:00 AM	44.4	55.9	40.1
	06:00 AM - 07:00 AM	51.1	76.8	46.2
	07:00 AM - 08:00 AM	50.0	69.3	41.1
	08:00 AM - 09:00 AM	57.4	91.0	38.7
	09:00 AM - 10:00 AM	44.9	71.3	35.1
	10:00 AM - 11:00 AM	51.8	71.7	35.2
	11:00 AM - 12:00 PM	56.1	71.6	40.8
	12:00 PM - 01:00 PM	43.8	69.2	36.6
	01:00 PM - 02:00 PM	54.4	64.9	36.9
	02:00 PM - 03:00 PM	52.2	78.4	37.8



Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585065-1

Sample Number	2641638-2			
	Noise (Leq 24 hrs.)			
Parameter	Ban Dong Long (GPS 47Q 0678213, 1802154)			
Location	May 19 - May 20, 2026			
Measurement Date	Vanich Phantipit			
Measurement by	Serial No. 597155			
Sound Level meter				
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
Measurement by	03:00 PM - 04:00 PM	44.9	63.1	39.7
	04:00 PM - 05:00 PM	42.9	68.4	37.6
	05:00 PM - 06:00 PM	48.6	79.9	37.2
	06:00 PM - 07:00 PM	45.1	69.7	35.6
	07:00 PM - 08:00 PM	55.5	68.2	38.1
	08:00 PM - 09:00 PM	52.5	73.9	49.3
	09:00 PM - 10:00 PM	52.1	59.8	47.9
	10:00 PM - 11:00 PM	44.8	58.2	41.9
	11:00 PM - 12:00 AM	41.9	53.8	38.1
	12:00 AM - 01:00 AM	41.2	55.6	38.8
	01:00 AM - 02:00 AM	41.8	60.7	38.3
	02:00 AM - 03:00 AM	40.3	63.1	37.3
Sound Level meter	03:00 AM - 04:00 AM	40.3	53.0	39.1
	04:00 AM - 05:00 AM	41.3	63.7	39.3
	05:00 AM - 06:00 AM	45.3	63.6	42.5
	06:00 AM - 07:00 AM	57.5	73.1	39.3
	07:00 AM - 08:00 AM	46.4	75.5	35.8
	08:00 AM - 09:00 AM	43.3	65.9	36.2
	09:00 AM - 10:00 AM	46.0	75.5	36.3
	10:00 AM - 11:00 AM	55.6	69.4	37.4
	11:00 AM - 12:00 PM	51.3	69.3	39.8
	12:00 PM - 01:00 PM	45.0	66.4	39.7
	01:00 PM - 02:00 PM	47.6	71.9	38.3
	02:00 PM - 03:00 PM	40.8	67.8	36.3



Technical Management

Scientist (3)

Approved by

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585086-1

Page 1 of 1

Sample Number	2641638-23			
Parameter	Noise (Leq 24 hrs.)			
Location	Ban Nong Ra Man (GPS 47Q 0674691, 1802603)			
Measurement Date	May 19 - May 20, 2026			
Measurement by	Vanich Phatpit			
Sound Level meter	Serial No. 584983			
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))	
02:00 PM - 03:00 PM	48.7	68.6	40.7	
03:00 PM - 04:00 PM	48.5	73.5	40.6	
04:00 PM - 05:00 PM	51.5	80.3	42.6	
05:00 PM - 06:00 PM	50.5	71.4	42.2	
06:00 PM - 07:00 PM	50.6	64.0	41.1	
07:00 PM - 08:00 PM	52.1	80.4	46.4	
08:00 PM - 09:00 PM	53.0	70.8	51.0	
09:00 PM - 10:00 PM	49.2	72.9	45.9	
10:00 PM - 11:00 PM	46.0	62.2	43.2	
11:00 PM - 12:00 AM	47.4	59.2	44.4	
12:00 AM - 01:00 AM	46.8	62.2	45.2	
01:00 AM - 02:00 AM	46.7	59.5	44.1	
02:00 AM - 03:00 AM	46.0	62.4	43.9	
03:00 AM - 04:00 AM	46.6	66.9	43.8	
04:00 AM - 05:00 AM	49.3	64.2	46.5	
05:00 AM - 06:00 AM	53.5	71.7	46.5	
06:00 AM - 07:00 AM	53.2	69.8	46.9	
07:00 AM - 08:00 AM	52.2	80.2	44.7	
08:00 AM - 09:00 AM	50.0	73.8	42.7	
09:00 AM - 10:00 AM	52.9	70.8	42.4	
10:00 AM - 11:00 AM	54.9	71.8	47.0	
11:00 AM - 12:00 PM	65.9	85.9	44.1	
12:00 PM - 01:00 PM	51.1	66.8	44.2	
01:00 PM - 02:00 PM	50.4	69.6	42.7	



Technical Management

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Scientist (3)

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585067-1

Page 1 of 1

Sample Number	2641638-4			
	Parameter	Noise (Leq 24 hrs.)		
		Ban Dong Long (GPS 47Q 0678213, 1802154)		
	Location	May 21 - May 22, 2026		
		Vanich Phatpit		
	Measurement Date	Serial No. 597155		
	Measurement by			
	Sound Level meter			
Time				
	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))	
03:00 PM - 04:00 PM	53.6	73.2	36.2	
04:00 PM - 05:00 PM	47.4	69.1	37.3	
05:00 PM - 06:00 PM	48.1	69.0	35.5	
06:00 PM - 07:00 PM	41.9	75.1	33.5	
07:00 PM - 08:00 PM	57.9	68.6	35.3	
08:00 PM - 09:00 PM	53.2	67.2	41.3	
09:00 PM - 10:00 PM	45.8	62.3	44.3	
10:00 PM - 11:00 PM	57.2	94.6	44.1	
11:00 PM - 12:00 AM	54.5	70.5	43.8	
12:00 AM - 01:00 AM	43.8	59.7	41.8	
01:00 AM - 02:00 AM	44.5	70.7	40.9	
02:00 AM - 03:00 AM	42.5	66.8	40.5	
03:00 AM - 04:00 AM	41.4	53.1	39.2	
04:00 AM - 05:00 AM	42.0	60.8	37.7	
05:00 AM - 06:00 AM	46.9	75.3	40.7	
06:00 AM - 07:00 AM	58.3	76.3	44.4	
07:00 AM - 08:00 AM	51.9	68.9	39.0	
08:00 AM - 09:00 AM	48.3	76.4	37.0	
09:00 AM - 10:00 AM	50.5	71.0	36.8	
10:00 AM - 11:00 AM	49.7	67.9	38.8	
11:00 AM - 12:00 PM	57.2	70.2	40.2	
12:00 PM - 01:00 PM	45.5	62.9	39.2	
01:00 PM - 02:00 PM	58.8	68.3	38.9	
02:00 PM - 03:00 PM	60.4	72.9	37.1	



Technical Management

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Scientist (3)

Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheuluk, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585088-1

Page 1 of 1

Sample Number		2641638-25			
Parameter		Noise (Leq 24 hrs.)			
Location		Ban Nong Ra Man (GPS 47Q 0674691, 1802603)			
Measurement Date		May 21 - May 22, 2026			
Measurement by		Vanich Phnplipit			
Sound Level meter		Serial No. 584983			
Time		Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))	
02:00 PM - 03:00 PM		56.0	70.8	47.6	
03:00 PM - 04:00 PM		51.2	68.5	43.9	
04:00 PM - 05:00 PM		48.9	62.0	43.6	
05:00 PM - 06:00 PM		49.4	64.5	43.5	
06:00 PM - 07:00 PM		50.7	74.6	43.6	
07:00 PM - 08:00 PM		50.5	71.3	44.2	
08:00 PM - 09:00 PM		50.8	70.4	46.1	
09:00 PM - 10:00 PM		57.4	79.5	47.9	
10:00 PM - 11:00 PM		49.4	62.5	47.2	
11:00 PM - 12:00 AM		51.0	75.7	43.6	
12:00 AM - 01:00 AM		54.3	67.8	45.7	
01:00 AM - 02:00 AM		52.7	68.0	47.6	
02:00 AM - 03:00 AM		55.3	91.2	47.1	
03:00 AM - 04:00 AM		52.0	70.3	47.0	
04:00 AM - 05:00 AM		51.3	68.6	44.8	
05:00 AM - 06:00 AM		49.7	68.9	43.6	
06:00 AM - 07:00 AM		51.2	69.5	43.4	
07:00 AM - 08:00 AM		52.9	67.4	43.2	
08:00 AM - 09:00 AM		54.9	71.8	47.0	
09:00 AM - 10:00 AM		65.9	85.9	44.1	
10:00 AM - 11:00 AM		51.1	66.8	44.2	
11:00 AM - 12:00 PM		50.4	69.6	42.7	
12:00 PM - 01:00 PM		54.1	73.2	42.9	
01:00 PM - 02:00 PM		55.3	70.9	51.7	

Technical Management

Scientist (3)

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Section Head

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheuluk, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585087-1

Page 1 of 1

Sample Number	2641638-24		
Parameter	Noise (Leq 24 hrs.)		
Location	Ban Nong Ra Man (GPS 47Q 0674691, 1802603)		
Measurement Date	May 20 - May 21, 2026		
Measurement by	Vanich Phnplipit		
Sound Level meter	Serial No. 584983		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
02:00 PM - 03:00 PM	54.1	73.2	42.9
03:00 PM - 04:00 PM	53.3	79.1	44.6
04:00 PM - 05:00 PM	52.7	75.0	44.2
05:00 PM - 06:00 PM	52.1	76.3	44.9
06:00 PM - 07:00 PM	50.9	67.9	44.9
07:00 PM - 08:00 PM	49.8	65.5	45.1
08:00 PM - 09:00 PM	48.2	77.1	45.1
09:00 PM - 10:00 PM	48.1	59.3	45.1
10:00 PM - 11:00 PM	51.9	80.0	45.1
11:00 PM - 12:00 AM	47.6	69.9	44.8
12:00 AM - 01:00 AM	46.1	64.8	43.8
01:00 AM - 02:00 AM	46.1	65.8	42.6
02:00 AM - 03:00 AM	58.7	73.5	52.5
03:00 AM - 04:00 AM	55.4	74.4	51.9
04:00 AM - 05:00 AM	53.5	71.7	51.5
05:00 AM - 06:00 AM	54.7	73.0	52.2
06:00 AM - 07:00 AM	53.7	69.3	49.8
07:00 AM - 08:00 AM	54.9	74.8	49.3
08:00 AM - 09:00 AM	53.9	73.8	48.6
09:00 AM - 10:00 AM	52.2	69.3	44.6
10:00 AM - 11:00 AM	54.1	74.5	48.5
11:00 AM - 12:00 PM	50.9	71.7	42.6
12:00 PM - 01:00 PM	52.4	75.0	42.3
01:00 PM - 02:00 PM	51.5	71.7	41.4

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585094-1

Page 1 of 1

Sample Number		2641638-31		
Parameter		Noise (Leq 24 hrs.)		
Location		Ban Klong Sai Yang Rong (GPS 47Q 0676126, 1798722)		
Measurement Date		May 20 - May 21, 2026		
Measurement by		Vanich Phatpit		
Sound Level meter		Serial No. 296512		
Time		Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM		49.5	80.1	39.6
06:00 PM - 07:00 PM		62.1	90.1	38.9
07:00 PM - 08:00 PM		58.6	88.1	40.0
08:00 PM - 09:00 PM		48.9	61.5	47.0
09:00 PM - 10:00 PM		51.1	75.6	46.2
10:00 PM - 11:00 PM		47.2	59.8	45.1
11:00 PM - 12:00 AM		45.1	62.2	40.6
12:00 AM - 01:00 AM		43.3	62.9	41.7
01:00 AM - 02:00 AM		47.1	79.1	40.8
02:00 AM - 03:00 AM		54.3	78.7	45.7
03:00 AM - 04:00 AM		52.4	71.3	46.3
04:00 AM - 05:00 AM		43.5	65.9	39.1
05:00 AM - 06:00 AM		52.3	73.2	42.4
06:00 AM - 07:00 AM		56.3	81.9	44.7
07:00 AM - 08:00 AM		49.8	71.3	41.5
08:00 AM - 09:00 AM		52.9	80.5	41.3
09:00 AM - 10:00 AM		53.5	80.8	41.8
10:00 AM - 11:00 AM		57.5	76.6	46.1
11:00 AM - 12:00 PM		52.9	81.9	38.9
12:00 PM - 01:00 PM		50.0	81.1	38.2
01:00 PM - 02:00 PM		52.4	75.6	39.7
02:00 PM - 03:00 PM		52.4	73.8	39.4
03:00 PM - 04:00 PM		52.9	71.5	40.8
04:00 PM - 05:00 PM		50.1	74.2	37.9

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585093-1

Page 1 of 1

Sample Number	2641638-30		
Parameter	Noise (Leq 24 hrs.)		
Location	Ban Klong Sai Yang Rong (GPS 47Q 0676126, 1798722)		
Measurement Date	May 19 - May 20, 2026		
Measurement by	Vanich Phatpit		
Sound Level meter	Serial No. 296512		
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
05:00 PM - 06:00 PM	47.3	70.3	38.5
06:00 PM - 07:00 PM	53.4	80.9	38.4
07:00 PM - 08:00 PM	48.8	81.4	41.1
08:00 PM - 09:00 PM	50.8	83.5	44.7
09:00 PM - 10:00 PM	51.7	77.1	43.8
10:00 PM - 11:00 PM	55.4	66.9	41.2
11:00 PM - 12:00 AM	60.2	67.8	40.8
12:00 AM - 01:00 AM	45.8	62.6	41.0
01:00 AM - 02:00 AM	44.7	54.5	41.3
02:00 AM - 03:00 AM	42.2	60.7	39.9
03:00 AM - 04:00 AM	42.4	71.7	39.0
04:00 AM - 05:00 AM	41.9	64.8	38.7
05:00 AM - 06:00 AM	56.0	79.7	41.0
06:00 AM - 07:00 AM	52.6	82.1	42.8
07:00 AM - 08:00 AM	53.1	81.7	40.5
08:00 AM - 09:00 AM	49.2	73.2	40.4
09:00 AM - 10:00 AM	55.6	79.5	39.5
10:00 AM - 11:00 AM	52.8	78.5	39.6
11:00 AM - 12:00 PM	50.5	76.8	40.2
12:00 PM - 01:00 PM	50.6	75.6	40.7
01:00 PM - 02:00 PM	50.2	75.1	38.5
02:00 PM - 03:00 PM	51.7	75.5	39.2
03:00 PM - 04:00 PM	50.6	69.3	39.9
04:00 PM - 05:00 PM	49.0	74.0	40.2

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheuluk, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585072-1

Sample Number	2641638-9
Parameter	Noise (Leq 24 hrs.)
Location	Ban Khao Mor (GPS 47Q 0675729, 1804277)
Measurement Date	May 19 - May 20, 2026
Measurement by	Vanich Phantipit
Sound Level meter	Serial No. 597156
Time	
04:00 PM - 05:00 PM	47.2
05:00 PM - 06:00 PM	46.3
06:00 PM - 07:00 PM	44.4
07:00 PM - 08:00 PM	48.3
08:00 PM - 09:00 PM	48.3
09:00 PM - 10:00 PM	50.8
10:00 PM - 11:00 PM	47.2
11:00 PM - 12:00 AM	44.5
12:00 AM - 01:00 AM	45.3
01:00 AM - 02:00 AM	44.2
02:00 AM - 03:00 AM	41.8
03:00 AM - 04:00 AM	39.6
04:00 AM - 05:00 AM	39.4
05:00 AM - 06:00 AM	38.3
06:00 AM - 07:00 AM	52.4
07:00 AM - 08:00 AM	49.9
08:00 AM - 09:00 AM	54.0
09:00 AM - 10:00 AM	50.0
10:00 AM - 11:00 AM	52.1
11:00 AM - 12:00 PM	47.5
12:00 PM - 01:00 PM	56.6
01:00 PM - 02:00 PM	52.7
02:00 PM - 03:00 PM	59.4
03:00 PM - 04:00 PM	53.2
Leq Average 24 hrs. (dB(A))	51.1
Lmax (dB(A))	84.1
L90 (dB(A))	40.1
Ldn (dB(A))	54.2
Standard (dB(A))	70
Reference Method	: ISO1996-1 and 1996-2
Standard	: 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ ทั้งนี้ พ.ศ. 2548

Technical Management

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheuluk, Amphur Thapkhro, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585095-1

Sample Number	2641638-32
Parameter	Noise (Leq 24 hrs.)
Location	Ban Klong Sai Yang Rong (GPS 47Q 0676126, 1798722)
Measurement Date	May 21 - May 22, 2026
Measurement by	Vanich Phantipit
Sound Level meter	Serial No. 296512
Time	
05:00 PM - 06:00 PM	48.9
06:00 PM - 07:00 PM	54.1
07:00 PM - 08:00 PM	51.4
08:00 PM - 09:00 PM	47.7
09:00 PM - 10:00 PM	46.0
10:00 PM - 11:00 PM	46.2
11:00 PM - 12:00 AM	51.7
12:00 AM - 01:00 AM	42.8
01:00 AM - 02:00 AM	43.2
02:00 AM - 03:00 AM	42.5
03:00 AM - 04:00 AM	42.4
04:00 AM - 05:00 AM	42.2
05:00 AM - 06:00 AM	43.4
06:00 AM - 07:00 AM	56.0
07:00 AM - 08:00 AM	52.1
08:00 AM - 09:00 AM	49.3
09:00 AM - 10:00 AM	53.5
10:00 AM - 11:00 AM	52.1
11:00 AM - 12:00 PM	54.0
12:00 PM - 01:00 PM	55.1
01:00 PM - 02:00 PM	52.3
02:00 PM - 03:00 PM	56.1
03:00 PM - 04:00 PM	50.7
04:00 PM - 05:00 PM	54.9
Leq Average 24 hrs. (dB(A))	51.6
Lmax (dB(A))	94.0
L90 (dB(A))	56.1
Ldn (dB(A))	70
Standard (dB(A))	115
Reference Method	: ISO1996-1 and 1996-2
Standard	: 1. ประกาศกรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ ทั้งนี้ พ.ศ. 2548

Technical Management

Scientist (3)

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Section Head

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585074-1

Page 1 of 1

Sample Number	2641638-11
Parameter	Noise (Leq 24 hrs.)
Location	Ban Khao Mor (GPS 47Q 0675729, 1804277)
Measurement Date	May 21 - May 22, 2026
Measurement by	Vanich Phatpipit
Sound Level meter	Serial No. 597156
Time	
04:00 PM - 05:00 PM	45.2
05:00 PM - 06:00 PM	45.9
06:00 PM - 07:00 PM	49.3
07:00 PM - 08:00 PM	48.2
08:00 PM - 09:00 PM	57.3
09:00 PM - 10:00 PM	54.6
10:00 PM - 11:00 PM	47.2
11:00 PM - 12:00 AM	46.5
12:00 AM - 01:00 AM	47.5
01:00 AM - 02:00 AM	47.1
02:00 AM - 03:00 AM	45.5
03:00 AM - 04:00 AM	45.6
04:00 AM - 05:00 AM	43.1
05:00 AM - 06:00 AM	42.5
06:00 AM - 07:00 AM	58.9
07:00 AM - 08:00 AM	50.4
08:00 AM - 09:00 AM	48.1
09:00 AM - 10:00 AM	51.7
10:00 AM - 11:00 AM	46.1
11:00 AM - 12:00 PM	47.3
12:00 PM - 01:00 PM	48.3
01:00 PM - 02:00 PM	49.5
02:00 PM - 03:00 PM	58.4
03:00 PM - 04:00 PM	51.6
Leq Average 24 hrs. (dB(A))	51.6
Lmax (dB(A))	87.4
L90 (dB(A))	42.1
Ldn (dB(A))	54.4
Standard (dB(A))	70
Reference Method	: ISO1996-1 and 1996-2
Standard	: 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการ โรงงาน พ.ศ. 2548

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Scientist (3)

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Page 1 of 1



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585073-1

Page 1 of 1

Sample Number	2641638-10
Parameter	Noise (Leq 24 hrs.)
Location	Ban Khao Mor (GPS 47Q 0675729, 1804277)
Measurement Date	May 20 - May 21, 2026
Measurement by	Vanich Phatpipit
Sound Level meter	Serial No. 597156
Time	
04:00 PM - 05:00 PM	47.5
05:00 PM - 06:00 PM	47.6
06:00 PM - 07:00 PM	45.4
07:00 PM - 08:00 PM	47.2
08:00 PM - 09:00 PM	50.9
09:00 PM - 10:00 PM	47.8
10:00 PM - 11:00 PM	46.9
11:00 PM - 12:00 AM	45.9
12:00 AM - 01:00 AM	46.0
01:00 AM - 02:00 AM	47.7
02:00 AM - 03:00 AM	42.5
03:00 AM - 04:00 AM	54.0
04:00 AM - 05:00 AM	50.7
05:00 AM - 06:00 AM	48.8
06:00 AM - 07:00 AM	46.4
07:00 AM - 08:00 AM	56.0
08:00 AM - 09:00 AM	54.4
09:00 AM - 10:00 AM	61.3
10:00 AM - 11:00 AM	52.9
11:00 AM - 12:00 PM	52.6
12:00 PM - 01:00 PM	47.2
01:00 PM - 02:00 PM	46.7
02:00 PM - 03:00 PM	47.9
03:00 PM - 04:00 PM	51.8
Leq Average 24 hrs. (dB(A))	52.0
Lmax (dB(A))	89.0
L90 (dB(A))	56.1
Ldn (dB(A))	70
Standard (dB(A))	115
Reference Method	: ISO1996-1 and 1996-2
Standard	: 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการ โรงงาน พ.ศ. 2548

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Page 1 of 1



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585080-1

Sample Number	2641638-17			
	Noise (Leq 24 hrs.)			
Parameter	Ban Long Du (GPS 47Q 0671979, 1799055)			
Location	May 20 - May 21, 2026			
Measurement Date	Vanich Phantipit			
Measurement by	Serial No. 597159			
Sound Level meter				
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))	
04:00 PM - 05:00 PM	50.7	74.8	42.5	
05:00 PM - 06:00 PM	54.3	77.4	43.5	
06:00 PM - 07:00 PM	61.6	73.6	43.4	
07:00 PM - 08:00 PM	48.3	62.3	45.0	
08:00 PM - 09:00 PM	47.5	68.6	46.2	
09:00 PM - 10:00 PM	69.2	109.5	47.1	
10:00 PM - 11:00 PM	53.1	92.1	47.8	
11:00 PM - 12:00 AM	47.7	61.6	46.3	
12:00 AM - 01:00 AM	49.5	79.4	46.0	
01:00 AM - 02:00 AM	46.7	69.4	43.2	
02:00 AM - 03:00 AM	45.3	67.2	43.9	
03:00 AM - 04:00 AM	44.6	53.5	43.0	
04:00 AM - 05:00 AM	43.1	64.8	40.0	
05:00 AM - 06:00 AM	43.3	70.3	39.9	
06:00 AM - 07:00 AM	53.5	86.6	48.2	
07:00 AM - 08:00 AM	51.0	73.2	44.8	
08:00 AM - 09:00 AM	54.0	70.2	43.8	
09:00 AM - 10:00 AM	60.2	75.5	56.6	
10:00 AM - 11:00 AM	57.3	76.7	44.8	
11:00 AM - 12:00 PM	55.4	79.3	45.0	
12:00 PM - 01:00 PM	54.8	77.2	43.7	
01:00 PM - 02:00 PM	56.9	73.5	45.4	
02:00 PM - 03:00 PM	58.4	81.4	50.1	
03:00 PM - 04:00 PM	54.6	80.4	43.3	

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaochehluk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585079-1

Sample Number	2641638-16			
Parameter	Noise (Leq 24 hrs.)			
Location	Ban Long Du (GPS 47Q 0671979, 1799055)			
Measurement Date	May 19 - May 20, 2026			
Measurement by	Vanich Phantipit			
Sound Level meter	Serial No. 597159			
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))	
04:00 PM - 05:00 PM	50.1	72.8	41.5	
05:00 PM - 06:00 PM	58.5	76.7	41.1	
06:00 PM - 07:00 PM	64.0	80.5	45.4	
07:00 PM - 08:00 PM	49.4	76.9	45.4	
08:00 PM - 09:00 PM	55.2	97.0	46.4	
09:00 PM - 10:00 PM	44.9	66.3	41.8	
10:00 PM - 11:00 PM	47.8	91.1	40.4	
11:00 PM - 12:00 AM	42.3	63.7	40.5	
12:00 AM - 01:00 AM	45.0	59.1	41.2	
01:00 AM - 02:00 AM	46.6	62.0	41.7	
02:00 AM - 03:00 AM	48.2	51.7	46.3	
03:00 AM - 04:00 AM	47.3	63.8	44.4	
04:00 AM - 05:00 AM	63.1	89.5	48.5	
05:00 AM - 06:00 AM	59.3	73.2	45.0	
06:00 AM - 07:00 AM	52.8	76.4	42.7	
07:00 AM - 08:00 AM	51.0	76.9	41.5	
08:00 AM - 09:00 AM	59.9	89.2	43.1	
09:00 AM - 10:00 AM	58.5	78.8	43.1	
10:00 AM - 11:00 AM	55.8	87.7	44.9	
11:00 AM - 12:00 PM	55.1	89.4	49.2	
12:00 PM - 01:00 PM	52.6	75.2	44.7	
01:00 PM - 02:00 PM	51.9	76.1	42.6	
02:00 PM - 03:00 PM	57.1	71.0	45.5	
03:00 PM - 04:00 PM	56.6	75.1	45.8	

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641641
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3586129-1

Page 1 of 1

Sample Number		2641641-4		
Parameter		Noise (Leq 24 hrs.)		
Location		Ban Khao Kham (GPS 47Q 0675850, 1806485)		
Measurement Date		May 19 - May 20, 2026		
Measurement by		Vanich Phnplipit		
Sound Level meter		Serial No. 296514		
Time		Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
09:00 AM - 10:00 AM		51.0	76.0	44.8
10:00 AM - 11:00 AM		51.7	67.6	43.8
11:00 AM - 12:00 PM		49.7	70.2	43.2
12:00 PM - 01:00 PM		52.7	73.3	45.2
01:00 PM - 02:00 PM		55.4	72.0	43.8
02:00 PM - 03:00 PM		48.4	74.7	39.4
03:00 PM - 04:00 PM		47.2	67.1	42.6
04:00 PM - 05:00 PM		51.6	84.3	38.5
05:00 PM - 06:00 PM		44.4	72.5	35.6
06:00 PM - 07:00 PM		52.7	74.0	42.6
07:00 PM - 08:00 PM		55.1	85.6	45.9
08:00 PM - 09:00 PM		55.5	83.5	50.6
09:00 PM - 10:00 PM		47.7	71.3	44.6
10:00 PM - 11:00 PM		44.7	65.6	42.6
11:00 PM - 12:00 AM		45.2	58.3	43.3
12:00 AM - 01:00 AM		45.5	42.9	42.9
01:00 AM - 02:00 AM		44.5	71.0	42.1
02:00 AM - 03:00 AM		42.4	53.1	38.9
03:00 AM - 04:00 AM		40.6	59.1	38.0
04:00 AM - 05:00 AM		47.4	59.1	44.2
05:00 AM - 06:00 AM		60.7	78.8	49.9
06:00 AM - 07:00 AM		52.5	75.0	47.8
07:00 AM - 08:00 AM		58.8	73.7	48.9
08:00 AM - 09:00 AM		60.2	78.7	53.5



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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641638
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3585081-1

Page 1 of 1

Sample Number		2641638-18		
Parameter		Noise (Leq 24 hrs.)		
Location		Ban Long Du (GPS 47Q 0671979, 1799055)		
Measurement Date		May 21 - May 22, 2026		
Measurement by		Vanich Phnplipit		
Sound Level meter		Serial No. 597159		
Time		Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
04:00 PM - 05:00 PM		58.3	78.8	44.5
05:00 PM - 06:00 PM		52.3	79.1	43.5
06:00 PM - 07:00 PM		62.5	75.7	44.2
07:00 PM - 08:00 PM		56.0	71.7	49.5
08:00 PM - 09:00 PM		57.1	71.0	45.5
09:00 PM - 10:00 PM		49.9	58.7	48.6
10:00 PM - 11:00 PM		56.9	92.0	49.2
11:00 PM - 12:00 AM		50.4	72.2	49.5
12:00 AM - 01:00 AM		49.8	59.7	48.9
01:00 AM - 02:00 AM		49.8	57.1	48.6
02:00 AM - 03:00 AM		49.8	64.1	48.3
03:00 AM - 04:00 AM		49.9	63.1	48.1
04:00 AM - 05:00 AM		50.0	68.2	48.9
05:00 AM - 06:00 AM		65.3	89.5	50.6
06:00 AM - 07:00 AM		54.0	76.4	48.4
07:00 AM - 08:00 AM		53.9	81.6	45.6
08:00 AM - 09:00 AM		54.6	76.6	45.2
09:00 AM - 10:00 AM		59.1	79.8	46.3
10:00 AM - 11:00 AM		55.9	71.8	47.4
11:00 AM - 12:00 PM		56.4	73.4	49.2
12:00 PM - 01:00 PM		57.8	80.8	46.4
01:00 PM - 02:00 PM		56.4	74.2	45.2
02:00 PM - 03:00 PM		56.9	72.0	44.5
03:00 PM - 04:00 PM		53.9	73.5	47.9



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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thaplor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641641
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3586131-1

Page 1 of 1

Sample Number	2641641-6
Parameter	Noise (Leq 24 hrs.)
Location	Ban Khao Kham (GPS 47Q 0675850, 1806485)
Measurement Date	May 21 - May 22, 2026
Measurement by	Vanich Phnplipit
Sound Level meter	Serial No. 296514
Time	
09:00 AM - 10:00 AM	63.7
10:00 AM - 11:00 AM	63.2
11:00 AM - 12:00 PM	58.7
12:00 PM - 01:00 PM	55.0
01:00 PM - 02:00 PM	55.3
02:00 PM - 03:00 PM	56.9
03:00 PM - 04:00 PM	53.7
04:00 PM - 05:00 PM	45.4
05:00 PM - 06:00 PM	49.6
06:00 PM - 07:00 PM	55.0
07:00 PM - 08:00 PM	54.7
08:00 PM - 09:00 PM	61.2
09:00 PM - 10:00 PM	64.1
10:00 PM - 11:00 PM	62.8
11:00 PM - 12:00 AM	59.4
12:00 AM - 01:00 AM	59.1
01:00 AM - 02:00 AM	68.6
02:00 AM - 03:00 AM	66.2
03:00 AM - 04:00 AM	60.7
04:00 AM - 05:00 AM	58.2
05:00 AM - 06:00 AM	65.5
06:00 AM - 07:00 AM	67.2
07:00 AM - 08:00 AM	66.5
08:00 AM - 09:00 AM	67.6
Leq Average 24 hrs. (dB(A))	62.9
Lmax (dB(A))	84.9
L90 (dB(A))	52.9
Ldn (dB(A))	70.6
Standard (dB(A))	70
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548	

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thaplor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641641
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3586130-1

Page 1 of 1

Sample Number	2641641-5
Parameter	Noise (Leq 24 hrs.)
Location	Ban Khao Kham (GPS 47Q 0675850, 1806485)
Measurement Date	May 20 - May 21, 2026
Measurement by	Vanich Phnplipit
Sound Level meter	Serial No. 296514
Time	
09:00 AM - 10:00 AM	64.2
10:00 AM - 11:00 AM	63.5
11:00 AM - 12:00 PM	57.7
12:00 PM - 01:00 PM	55.9
01:00 PM - 02:00 PM	45.9
02:00 PM - 03:00 PM	46.3
03:00 PM - 04:00 PM	46.3
04:00 PM - 05:00 PM	46.7
05:00 PM - 06:00 PM	48.0
06:00 PM - 07:00 PM	47.6
07:00 PM - 08:00 PM	56.3
08:00 PM - 09:00 PM	57.6
09:00 PM - 10:00 PM	56.2
10:00 PM - 11:00 PM	53.2
11:00 PM - 12:00 AM	47.9
12:00 AM - 01:00 AM	51.0
01:00 AM - 02:00 AM	46.2
02:00 AM - 03:00 AM	59.3
03:00 AM - 04:00 AM	55.4
04:00 AM - 05:00 AM	51.0
05:00 AM - 06:00 AM	53.4
06:00 AM - 07:00 AM	59.3
07:00 AM - 08:00 AM	54.5
08:00 AM - 09:00 AM	56.1
Leq Average 24 hrs. (dB(A))	56.7
Lmax (dB(A))	81.9
L90 (dB(A))	61.9
Ldn (dB(A))	70
Standard (dB(A))	115
Reference Method : ISO1996-1 and 1996-2	
Standard : 1. ประกาศกระทรวงอุตสาหกรรม ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป 2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการรบกวนการจราจร พ.ศ. 2548	

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641641
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3586127-1

Page 1 of 1

Sample Number	2641641-2			
	Noise (Leq 24 hrs.)			
Parameter	Ban Nong Gang (SPG 47Q 0678387, 1805733)			
Location	May 20 - May 21, 2026			
Measurement Date	Vanich Phatpitit			
Measurement by	Serial No. 1022262			
Sound Level meter				
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
	11:00 AM - 12:00 PM	51.2	70.5	45.5
	12:00 PM - 01:00 PM	51.6	76.4	45.5
	01:00 PM - 02:00 PM	50.2	70.7	45.3
	02:00 PM - 03:00 PM	51.8	73.1	46.0
	03:00 PM - 04:00 PM	51.2	75.9	45.7
	04:00 PM - 05:00 PM	49.4	71.6	45.2
	05:00 PM - 06:00 PM	51.8	73.5	45.6
	06:00 PM - 07:00 PM	51.7	70.4	47.7
	07:00 PM - 08:00 PM	52.8	70.0	50.4
	08:00 PM - 09:00 PM	51.8	60.6	50.7
	09:00 PM - 10:00 PM	52.3	61.2	51.0
	10:00 PM - 11:00 PM	51.6	65.5	49.9
	11:00 PM - 12:00 AM	50.6	68.9	48.7
	12:00 AM - 01:00 AM	51.7	72.3	49.3
	01:00 AM - 02:00 AM	56.0	68.0	47.6
	02:00 AM - 03:00 AM	59.7	68.6	53.3
	03:00 AM - 04:00 AM	56.7	69.6	54.3
	04:00 AM - 05:00 AM	50.3	66.0	48.0
	05:00 AM - 06:00 AM	56.3	77.6	52.1
	06:00 AM - 07:00 AM	57.4	77.8	49.4
	07:00 AM - 08:00 AM	59.9	86.0	45.4
	08:00 AM - 09:00 AM	53.4	80.4	46.4
	09:00 AM - 10:00 AM	58.2	87.5	45.9
	10:00 AM - 11:00 AM	55.7	81.0	45.7

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Section Head



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641641
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3586126-1

Page 1 of 1

Sample Number	2641641-1			
	Noise (Leq 24 hrs.)			
Parameter	Ban Nong Gang (SPG 47Q 0678387, 1805733)			
Location	May 19 - May 20, 2026			
Measurement Date	Vanich Phatpitit			
Measurement by	Serial No. 1022262			
Sound Level meter				
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
	11:00 AM - 12:00 PM	51.8	73.1	46.0
	12:00 PM - 01:00 PM	51.2	75.9	45.7
	01:00 PM - 02:00 PM	49.4	71.6	45.2
	02:00 PM - 03:00 PM	51.8	73.5	45.6
	03:00 PM - 04:00 PM	51.7	70.4	47.7
	04:00 PM - 05:00 PM	52.8	70.0	50.4
	05:00 PM - 06:00 PM	51.8	60.6	50.7
	06:00 PM - 07:00 PM	52.3	61.2	51.0
	07:00 PM - 08:00 PM	49.6	73.8	45.6
	08:00 PM - 09:00 PM	49.1	70.4	45.1
	09:00 PM - 10:00 PM	50.6	75.5	45.6
	10:00 PM - 11:00 PM	52.6	66.4	48.9
	11:00 PM - 12:00 AM	52.6	67.8	49.5
	12:00 AM - 01:00 AM	51.3	69.7	49.5
	01:00 AM - 02:00 AM	48.8	60.3	47.6
	02:00 AM - 03:00 AM	49.1	72.3	47.4
	03:00 AM - 04:00 AM	48.7	68.3	47.3
	04:00 AM - 05:00 AM	52.9	81.3	49.0
	05:00 AM - 06:00 AM	52.3	61.2	51.0
	06:00 AM - 07:00 AM	51.6	65.5	49.9
	07:00 AM - 08:00 AM	50.6	68.9	48.7
	08:00 AM - 09:00 AM	51.7	72.3	49.3
	09:00 AM - 10:00 AM	54.2	80.1	45.7
	10:00 AM - 11:00 AM	49.8	69.5	37.9

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Scientist (3)

Approved by

Section Head

Scientist (3)

Approved by

Section Head

Client : Akara Resources Public Co., Ltd.
95 Moo 9, Tambon Khaoedetluk, Amphur Thapkor, Phidhit Thailand 66230

P/O : 1011374

Project Name : Air Test

Project Location :

Lot ID: 2641641

Date Received : May 27, 2026

Date Reported : May 30, 2026

Report Number: 3586128-1

Sample Number	Parameter	Location	Measurement Date	Measurement by	Sound Level meter	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
2641641-3	Noise (Leq 24 hrs.)	Ban Nong Gang (SPG 47Q 0678387, 1805733)	May 21 - May 22, 2026	Vanich Phranpitt	Genral No. 1022262	11:00 AM - 12:00 PM	54.5	79.7	43.7
	12:00 PM - 01:00 PM	54.3				74.9	46.0		
	01:00 PM - 02:00 PM	54.2				80.1	45.7		
	02:00 PM - 03:00 PM	49.8				69.5	37.9		
	03:00 PM - 04:00 PM	52.7				79.5	41.9		
	04:00 PM - 05:00 PM	49.6				73.8	45.6		
	05:00 PM - 06:00 PM	49.1				70.4	45.1		
	06:00 PM - 07:00 PM	50.6				75.5	45.6		
	07:00 PM - 08:00 PM	52.6				66.4	48.9		
	08:00 PM - 09:00 PM	52.6				67.8	49.5		
09:00 PM - 10:00 PM	51.3	69.7	49.5						
10:00 PM - 11:00 PM	55.8	69.7	49.9						
11:00 PM - 12:00 AM	50.6	64.8	48.5						
12:00 AM - 01:00 AM	51.0	74.9	49.2						
01:00 AM - 02:00 AM	50.3	64.9	48.9						
02:00 AM - 03:00 AM	48.8	60.3	47.6						
03:00 AM - 04:00 AM	49.1	72.3	47.4						
04:00 AM - 05:00 AM	48.7	68.3	47.3						
05:00 AM - 06:00 AM	52.9	81.3	49.0						
06:00 AM - 07:00 AM	53.8	78.5	48.9						
07:00 AM - 08:00 AM	52.7	76.9	47.4						
08:00 AM - 09:00 AM	52.6	75.6	46.6						
09:00 AM - 10:00 AM	52.5	76.2	46.0						
10:00 AM - 11:00 AM	55.9	82.3	45.9						

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ALS LABORATORY GROUP (THAILAND) CO., LTD. An ALS Limited Company



Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641641
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3586134-1

Page 1 of 1

Sample Number	2641641-9			
Parameter	Noise (Leq 24 hrs.)			
Location	Ban Tung Thong (GPS 47Q 0674687, 1805768)			
Measurement Date	May 21 - May 22, 2026			
Measurement by	Vanich Phanpitt			
Sound Level meter	Serial No. 572562			
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))	
10:00 AM - 11:00 AM	55.8	72.0	43.7	
11:00 AM - 12:00 PM	58.4	78.1	43.3	
12:00 PM - 01:00 PM	64.5	78.6	44.5	
01:00 PM - 02:00 PM	66.9	83.8	51.4	
02:00 PM - 03:00 PM	62.9	87.1	43.3	
03:00 PM - 04:00 PM	64.2	82.8	42.9	
04:00 PM - 05:00 PM	69.9	85.6	42.1	
05:00 PM - 06:00 PM	54.0	73.0	41.2	
06:00 PM - 07:00 PM	61.1	72.2	41.7	
07:00 PM - 08:00 PM	59.1	71.6	43.9	
08:00 PM - 09:00 PM	52.4	72.7	43.3	
09:00 PM - 10:00 PM	47.3	63.3	44.0	
10:00 PM - 11:00 PM	47.1	61.6	44.4	
11:00 PM - 12:00 AM	47.4	67.0	45.7	
12:00 AM - 01:00 AM	46.7	66.6	45.7	
01:00 AM - 02:00 AM	48.5	58.4	46.8	
02:00 AM - 03:00 AM	49.6	60.5	48.5	
03:00 AM - 04:00 AM	49.9	67.3	48.8	
04:00 AM - 05:00 AM	49.3	53.2	48.3	
05:00 AM - 06:00 AM	63.5	73.9	49.5	
06:00 AM - 07:00 AM	54.1	73.1	47.5	
07:00 AM - 08:00 AM	52.5	73.5	45.8	
08:00 AM - 09:00 AM	63.9	81.7	50.6	
09:00 AM - 10:00 AM	66.8	84.8	46.4	



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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheutuk, Amphur Thapkror, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID: 2641641
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3586133-1

Page 1 of 1

Sample Number Parameter Location Measurement Date Measurement by Sound Level meter	2641641-8			
	Noise (Leq 24 hrs.)			
	Ban Tung Thong (GPS 47Q 0674687, 1805768)			
	May 20 - May 21, 2026			
	Vanich Phanpitt			
	Serial No. 572562			
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
	10:00 AM - 11:00 AM	65.3	74.5	42.0
	11:00 AM - 12:00 PM	55.1	70.8	46.3
	12:00 PM - 01:00 PM	54.9	79.7	41.2
01:00 PM - 02:00 PM	56.6	77.8	42.7	
02:00 PM - 03:00 PM	52.3	70.1	40.2	
03:00 PM - 04:00 PM	57.3	82.9	42.0	
04:00 PM - 05:00 PM	53.1	71.7	40.8	
05:00 PM - 06:00 PM	62.9	72.9	40.4	
06:00 PM - 07:00 PM	59.6	73.2	41.9	
07:00 PM - 08:00 PM	48.5	62.3	45.7	
08:00 PM - 09:00 PM	49.6	61.1	46.0	
09:00 PM - 10:00 PM	44.3	57.5	42.6	
10:00 PM - 11:00 PM	47.6	62.4	43.3	
11:00 PM - 12:00 AM	48.1	61.1	40.9	
12:00 AM - 01:00 AM	48.2	63.3	40.7	
01:00 AM - 02:00 AM	56.3	62.6	50.9	
02:00 AM - 03:00 AM	51.7	60.9	50.0	
03:00 AM - 04:00 AM	46.8	66.3	43.8	
04:00 AM - 05:00 AM	56.4	70.8	45.6	
05:00 AM - 06:00 AM	65.9	74.7	48.4	
06:00 AM - 07:00 AM	53.7	73.8	46.3	
07:00 AM - 08:00 AM	55.5	72.3	45.3	
08:00 AM - 09:00 AM	55.0	77.2	45.1	
09:00 AM - 10:00 AM	52.4	77.4	43.0	



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Client : Akara Resources Public Co., Ltd.
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P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641641
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3586136-1

Page 1 of 1

Sample Number	2641641-11			
Parameter	Noise (Leq 24 hrs.)			
Location	Ban Mai Klong Ta Lud (GPS 47Q 0676588, 1807193)			
Measurement Date	May 20 - May 21, 2026			
Measurement by	Vanich Phatpipit			
Sound Level meter	Serial No. 710639			
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))	
11:00 AM - 12:00 PM	50.0	76.5	42.2	
12:00 PM - 01:00 PM	55.5	88.2	41.6	
01:00 PM - 02:00 PM	51.8	79.2	41.5	
02:00 PM - 03:00 PM	54.7	80.7	41.0	
03:00 PM - 04:00 PM	55.4	83.8	40.8	
04:00 PM - 05:00 PM	48.8	75.8	38.2	
05:00 PM - 06:00 PM	59.0	87.4	38.6	
06:00 PM - 07:00 PM	56.3	83.2	44.7	
07:00 PM - 08:00 PM	48.6	56.6	47.4	
08:00 PM - 09:00 PM	47.9	67.9	46.1	
09:00 PM - 10:00 PM	46.3	57.2	43.8	
10:00 PM - 11:00 PM	58.7	82.6	43.2	
11:00 PM - 12:00 AM	52.7	71.6	44.9	
12:00 AM - 01:00 AM	56.4	89.1	45.4	
01:00 AM - 02:00 AM	60.0	92.5	53.8	
02:00 AM - 03:00 AM	53.4	82.0	49.8	
03:00 AM - 04:00 AM	50.0	66.5	46.0	
04:00 AM - 05:00 AM	63.9	89.7	50.0	
05:00 AM - 06:00 AM	54.4	84.5	49.3	
06:00 AM - 07:00 AM	55.6	85.7	45.0	
07:00 AM - 08:00 AM	51.4	80.7	43.3	
08:00 AM - 09:00 AM	67.4	87.7	46.1	
09:00 AM - 10:00 AM	64.5	72.8	55.0	
10:00 AM - 11:00 AM	62.0	89.7	43.0	

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Analysis / Test Report

Client : Akara Resources Public Co., Ltd.
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P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641641
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3586135-1

Page 1 of 1

Sample Number	2641641-10			
	Noise (Leq 24 hrs.)			
Parameter	Ban Mai Klong Ta Lud (GPS 47Q 0676588, 1807193)			
Location	May 19 - May 20, 2026			
Measurement Date	Vanich Phatpipit			
Measurement by	Serial No. 710639			
Sound Level meter				
Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))	
11:00 AM - 12:00 PM	51.2	75.2	39.4	
12:00 PM - 01:00 PM	55.7	78.8	40.1	
01:00 PM - 02:00 PM	56.5	80.9	42.0	
02:00 PM - 03:00 PM	49.8	76.7	37.8	
03:00 PM - 04:00 PM	51.2	83.0	36.8	
04:00 PM - 05:00 PM	51.1	78.7	36.3	
05:00 PM - 06:00 PM	57.5	83.3	37.9	
06:00 PM - 07:00 PM	56.3	88.2	40.4	
07:00 PM - 08:00 PM	56.9	93.5	50.0	
08:00 PM - 09:00 PM	54.9	84.0	45.6	
09:00 PM - 10:00 PM	55.0	82.0	41.9	
10:00 PM - 11:00 PM	43.4	60.4	41.6	
11:00 PM - 12:00 AM	44.0	62.9	42.4	
12:00 AM - 01:00 AM	43.5	50.7	42.0	
01:00 AM - 02:00 AM	52.1	80.0	41.3	
02:00 AM - 03:00 AM	43.2	63.3	40.1	
03:00 AM - 04:00 AM	48.4	76.0	40.1	
04:00 AM - 05:00 AM	63.5	79.8	44.1	
05:00 AM - 06:00 AM	53.1	78.2	43.1	
06:00 AM - 07:00 AM	54.0	87.1	42.0	
07:00 AM - 08:00 AM	49.9	81.0	40.8	
08:00 AM - 09:00 AM	63.9	75.5	41.5	
09:00 AM - 10:00 AM	65.7	86.4	43.5	
10:00 AM - 11:00 AM	60.6	87.3	42.5	

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Client : Akara Resources Public Co., Ltd.
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P/O : 1011374
Project Name : Air Test
Project Location :

Lot ID: 2641641
Date Received : May 27, 2026
Date Reported : May 30, 2026
Report Number: 3586137-1

2641641-12				
Noise (Leq 24 hrs.)				
Ban Mai Klong Ta Lud (GPS 47Q 0676588, 1807193)				
May 21 - May 22, 2026				
Vanich Phamplit				
Serial No. 710639				
Sample Number				
Parameter				
Location				
Measurement Date				
Measurement by				
Sound Level meter				
	Time	Leq (dB(A))	Lmax (dB(A))	L90 (dB(A))
	11:00 AM - 12:00 PM	50.7	81.5	40.5
	12:00 PM - 01:00 PM	59.4	80.2	43.0
	01:00 PM - 02:00 PM	62.7	84.3	44.0
	02:00 PM - 03:00 PM	64.1	90.3	42.4
	03:00 PM - 04:00 PM	57.6	81.5	41.8
	04:00 PM - 05:00 PM	55.0	81.7	39.7
	05:00 PM - 06:00 PM	55.5	81.1	38.0
	06:00 PM - 07:00 PM	63.5	74.0	47.8
	07:00 PM - 08:00 PM	60.3	90.7	47.5
	08:00 PM - 09:00 PM	49.6	75.0	48.0
	09:00 PM - 10:00 PM	48.8	64.9	47.0
	10:00 PM - 11:00 PM	47.6	64.0	45.6
	11:00 PM - 12:00 AM	49.0	65.1	47.7
	12:00 AM - 01:00 AM	48.7	58.4	46.8
	01:00 AM - 02:00 AM	46.7	57.1	45.5
	02:00 AM - 03:00 AM	49.5	60.3	46.2
	03:00 AM - 04:00 AM	55.4	63.3	49.2
	04:00 AM - 05:00 AM	60.9	76.8	50.6
	05:00 AM - 06:00 AM	64.1	83.0	46.1
	06:00 AM - 07:00 AM	57.0	90.8	45.3
	07:00 AM - 08:00 AM	53.6	84.8	43.0
	08:00 AM - 09:00 AM	64.7	85.4	46.3
	09:00 AM - 10:00 AM	58.9	83.8	43.0
	10:00 AM - 11:00 AM	57.0	74.6	42.3
	Leq Average 24 hrs. (dB(A))	59.1		
	Lmax (dB(A))		90.8	
	L90 (dB(A))			45.5
	Ldn (dB(A))	64.3		
	Standard (dB(A))	70	115	
	Reference Method : ISO1996-1 and 1996-2			
	Standard : 1. ประกาศคณะกรรมการสิ่งแวดล้อมแห่งชาติ ฉบับที่ 15 (พ.ศ. 2540) เรื่องกำหนดมาตรฐานระดับเสียงโดยทั่วไป			
	2. ประกาศกระทรวงอุตสาหกรรม เรื่องกำหนดระดับเสียงการรบกวน และระดับเสียงที่ได้จากการประกอบกิจการ			
	พ.ร.บ. พ.ศ. 2548			

Technical Management

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Section Head



MM-N12

Analysis / Test Report

Client : Alara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapklor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2610680
Date Received :Feb 28, 2026
Date Reported :Mar 09, 2026
Report Number :3500561-1

Page 1 of 1

Sample Number	2610680-2
Sample Description	Vibration
Location	Ban Khao Mor
Sampled Date	Feb 20 - Feb 21, 2026
Sampled by	Jatsarawut Pattama

Equipment Data									
Description	Data Logger	Geophone	Microphone						
Brand	Vibrolock	Vibrolock	Vibrolock						
Model	V901	V901	V901						
S/N	1618	1618	1618						
Sensitivity	-	0.254 mm/s	0.1 dB						

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
Feb 20, 2026	12:07 PM	3.700	ND	0.023	1.400	ND	0.006	2.580	ND	0.017	114
Max		3.700	0.000	0.023	1.400	0.000	0.006	2.580	0.000	0.017	114
Standard		15.000	-	-	15.000	-	-	15.000	-	-	-

Remark : - PPV = Peak Particle Velocity - PD = Peak Displacement - ND = Not Detect
Standard (s) : Notification of the Ministry of Natural Resources and Environmental, dated November 7, B.E. 2548 (2005).

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Assistant General Manager

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Analysis / Test Report

Client : Alara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapklor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2610680
Date Received :Feb 28, 2026
Date Reported :Mar 09, 2026
Report Number :3500561-1

Page 1 of 1

Sample Number	2610680-1
Sample Description	Vibration
Location	Ban Dong Long
Sampled Date	Feb 20 - Feb 21, 2026
Sampled by	Jatsarawut Pattama

Equipment Data									
Description	Data Logger	Geophone	Microphone						
Brand	Vibrolock	Vibrolock	Vibrolock						
Model	V901	V901	V901						
S/N	1617	1617	1617						
Sensitivity	-	0.254 mm/s	0.1 dB						

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
Feb 20, 2026	12:07 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

Remark : - PPV = Peak Particle Velocity - PD = Peak Displacement - ND = Not Detect
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MM-N12

Analysis / Test Report

Client : Alara Resources Public Co., Ltd.
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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2610680
Date Received :Feb 28, 2026
Date Reported :Mar 09, 2026
Report Number :3500561-1

Page 1 of 1

Sample Number	2610680-4
Sample Description	Vibration
Location	Ban Nong Ra Man
Sampled Date	Feb 20 - Feb 21, 2026
Sampled by	Jatsarawut Pattama

Equipment Data									
Description		Data Logger		Geophone		Microphone			
Brand		Vibrolog		V901		Vibrolog			
Model		1822		1822		V901			
S/N		-		-		1822			
Sensitivity				0.254 mm/s		0.1 dB			

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
Feb 20, 2026	12:07 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

Remark : - PPV = Peak Particle Velocity - PD = Peak Displacement - ND = Not Detect
Standard (s) : Notification of the Ministry of Natural Resources and Environmental, dated November 7, B.E. 2548 (2005).

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Analysis / Test Report

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99 Moo 9, Tambon Khaocheulak, Amphur Thapklor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2610680
Date Received :Feb 28, 2026
Date Reported :Mar 09, 2026
Report Number :3500561-1

Page 1 of 1

Sample Number	2610680-3
Sample Description	Vibration
Location	Ban Khao Kham
Sampled Date	Feb 21 - Feb 22, 2026
Sampled by	Jatsarawut Pattama

Equipment Data									
Description		Data Logger		Geophone		Microphone			
Brand		Vibrolog		V901		Vibrolog			
Model		V901		V901		V901			
S/N		-		-		1618			
Sensitivity				0.254 mm/s		0.1 dB			

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
Feb 21, 2026	12:15 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

Remark : - PPV = Peak Particle Velocity - PD = Peak Displacement - ND = Not Detect
Standard (s) : Notification of the Ministry of Natural Resources and Environmental, dated November 7, B.E. 2548 (2005).

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MM-N12

Analysis / Test Report

Client : Alara Resources Public Co., Ltd.
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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2610680
Date Received :Feb 28, 2026
Date Reported :Mar 09, 2026
Report Number :3500561-1

Page 1 of 1

Sample Number	2610680-6
Sample Description	Vibration
Location	Ban Tung Thong
Sampled Date	Feb 21 - Feb 22, 2026
Sampled by	Jatsarawut Pattama

Equipment Data									
Description		Data Logger		Geophone		Microphone			
Brand		Vibrocock		V901		Vibrocock			
Model		1852		1852		V901			
S/N		-		-		1617			
Sensitivity				0.254 mm/s		0.1 dB			

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
Feb 21, 2026	12:15 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

Remark : - PPV = Peak Particle Velocity - PD = Peak Displacement - ND = Not Detect
Standard (s) : Notification of the Ministry of Natural Resources and Environmental, dated November 7, B.E. 2548 (2005).

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Analysis / Test Report

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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2610680
Date Received :Feb 28, 2026
Date Reported :Mar 09, 2026
Report Number :3500561-1

Page 1 of 1

Sample Number	2610680-5
Sample Description	Vibration
Location	Ban Nong Sang
Sampled Date	Feb 21 - Feb 22, 2026
Sampled by	Jatsarawut Pattama

Equipment Data									
Description		Data Logger		Geophone		Microphone			
Brand		Vibrocock		V901		Vibrocock			
Model		V901		V901		V901			
S/N		-		-		1617			
Sensitivity				0.254 mm/s		0.1 dB			

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
Feb 21, 2026	12:15 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

Remark : - PPV = Peak Particle Velocity - PD = Peak Displacement - ND = Not Detect
Standard (s) : Notification of the Ministry of Natural Resources and Environmental, dated November 7, B.E. 2548 (2005).

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MM-N12

Analysis / Test Report

Client : Alara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapklor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2641617
Date Received :May 27, 2026
Date Reported :Jun 05, 2026
Report Number :3571416-1

Page 1 of 1

Sample Number	2641617-1
Sample Description	Vibration
Location	Ban Dong Long (GPS 47Q 0678205, 1802158)
Sampled Date	May 18 - May 19, 2026
Sampled by	Vanich Phanpitt

Equipment Data									
Description		Data Logger		Geophone		Microphone			
Brand		Vibrocock		V901		Vibrocock			
Model		V901		1822		V901			
S/N		1822		-		1822			
Sensitivity		-		0.254 mm/s		0.1 dB			

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
May 18, 2026	04:20 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

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Analysis / Test Report

Client : Alara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapklor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2610680
Date Received :Feb 28, 2026
Date Reported :Mar 09, 2026
Report Number :3500561-1

Page 1 of 1

Sample Number	2610680-7
Sample Description	Vibration
Location	Ban Mai Klong Ta Lud
Sampled Date	Feb 21 - Feb 22, 2026
Sampled by	Jatsarawut Pattama

Equipment Data									
Description		Data Logger		Geophone		Microphone			
Brand		Vibrocock		V901		Vibrocock			
Model		V901		1822		V901			
S/N		1822		-		1822			
Sensitivity		-		0.254 mm/s		0.1 dB			

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
Feb 21, 2026	12:15 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

Remark : - PPV = Peak Particle Velocity - PD = Peak Displacement - ND = Not Detect
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Analysis / Test Report

Client : Alara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapklor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2641617
Date Received :May 27, 2026
Date Reported :Jun 05, 2026
Report Number :3571416-1

Page 1 of 1

Sample Number	2641617-3
Sample Description	Vibration
Location	Ban Khao Kham (GPS 47Q 0675850, 1806485)
Sampled Date	May 19 - May 20, 2026
Sampled by	Vanich Phanpjit

Equipment Data									
Description		Data Logger		Geophone		Microphone			
Brand		Vibrocock		V901		Vibrocock			
Model		V901		1617		V901			
S/N		1617				1617			
Sensitivity		-		0.254 mm/s		0.1 dB			

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
May 19, 2026	12:15 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

Remark : - PPV = Peak Particle Velocity - PD = Peak Displacement - ND = Not Detect
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Analysis / Test Report

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99 Moo 9, Tambon Khaocheulak, Amphur Thapklor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2641617
Date Received :May 27, 2026
Date Reported :Jun 05, 2026
Report Number :3571416-1

Page 1 of 1

Sample Number	2641617-2
Sample Description	Vibration
Location	Ban Khao Mor (GPS 47Q 0675703, 1804307)
Sampled Date	May 18 - May 19, 2026
Sampled by	Vanich Phanpjit

Equipment Data									
Description		Data Logger		Geophone		Microphone			
Brand		Vibrocock		V901		Vibrocock			
Model		V901		1852		V901			
S/N		1852				1852			
Sensitivity		-		0.254 mm/s		0.1 dB			

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
May 18, 2026	04:20 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

Remark : - PPV = Peak Particle Velocity - PD = Peak Displacement - ND = Not Detect
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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2641617
Date Received : May 27, 2026
Date Reported : Jun 05, 2026
Report Number : 3571416-1

Page 1 of 1

Sample Number	2641617-5
Sample Description	Vibration
Location	Ban Nong Sang (GPS 47Q 0678387, 1805733)
Sampled Date	May 19 - May 20, 2026
Sampled by	Vanich Phanpjit

Equipment Data									
Description	Data Logger	Geophone	Microphone						
Brand	Vibrocock	V901	Vibrocock						
Model	V901	V901	V901						
S/N	1852	1852	1852						
Sensitivity	-	0.254 mm/s	0.1 dB						

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
May 19, 2026	12:15 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2641617
Date Received : May 27, 2026
Date Reported : Jun 05, 2026
Report Number : 3571416-1

Page 1 of 1

Sample Number	2641617-4
Sample Description	Vibration
Location	Ban Nong Ra Man (GPS 47Q 0674684, 1802590)
Sampled Date	May 18 - May 19, 2026
Sampled by	Vanich Phanpjit

Equipment Data									
Description	Data Logger	Geophone	Microphone						
Brand	Vibrocock	V901	Vibrocock						
Model	V901	V901	V901						
S/N	1617	1617	1617						
Sensitivity	-	0.254 mm/s	0.1 dB						

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
May 18, 2026	04:20 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

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Analysis / Test Report

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P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2641617
Date Received :May 27, 2026
Date Reported :Jun 05, 2026
Report Number :3571416-1

Page 1 of 1

Sample Number	2641617-7
Sample Description	Vibration
Location	Ban Mai Klong Ta Lud (GPS 47Q 0676588, 1807193)
Sampled Date	May 19 - May 20, 2026
Sampled by	Vanich Phanpijit

Equipment Data									
Description		Data Logger		Geophone		Microphone			
Brand		Vibrocock		V901		Vibrocock			
Model		V901		1822		V901			
S/N		1822		1822		1822			
Sensitivity		-		0.254 mm/s		0.1 dB			

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
May 19, 2026	12:15 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

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Standard (s) : Notification of the Ministry of Natural Resources and Environmental, dated November 7, B.E. 2548 (2005).

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Analysis / Test Report

Client : Alara Resources Public Co., Ltd.
99 Moo 9, Tambon Khaocheulak, Amphur Thapklor, Phichit Thailand 66230
P/O : 1011374
Project Name : Air Test
Project Location :
Lot ID : 2641617
Date Received :May 27, 2026
Date Reported :Jun 05, 2026
Report Number :3571416-1

Page 1 of 1

Sample Number	2641617-6
Sample Description	Vibration
Location	Ban Tung Thong (GPS 47Q 0674687, 1805768)
Sampled Date	May 19 - May 20, 2026
Sampled by	Vanich Phanpijit

Equipment Data									
Description		Data Logger		Geophone		Microphone			
Brand		Vibrocock		V901		Vibrocock			
Model		V901		1618		V901			
S/N		-		-		1618			
Sensitivity		-		0.254 mm/s		0.1 dB			

Date	Time	Transverse			Vertical			Longitudinal			Air Blast Pressure (dB)
		PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	PPV (mm/s)	Frequency (Hz)	PD (mm)	
May 19, 2026	12:15 PM	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Max		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.0
Standard		-	-	-	-	-	-	-	-	-	-

Remark : - PPV = Peak Particle Velocity - PD = Peak Displacement - ND = Not Detect
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CERTIFICATE OF ANALYSIS

Client	Akara Resources Public Co., Ltd.	ALS Lot No.	2613295
Contact	Yaowanud Chandung	Date Samples Received	Feb 19, 2026 01:00 PM
Address	99 Moo 9, Tambon Khaochetluk, Amphur Thapklor, Phichit Thailand 66230	Issue Date	Mar 09, 2026 03:25 PM
Email	yaowanud@akararesources.com	Quote number	Q261054
		Project	CHATREE
Telephone	0-5661-4500	No. of samples received	24
Facsimile	0-5661-4190	No. of samples analysed	24

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or client request.

When sampling time information is not provided by client, sampling dates are shown without a time component. In this instances, the time component has been assumed by the laboratory for processing purposes.

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Page : 1 of 9

ALS Lot No. : 2613295
Client : Akara Resources Public Co., Ltd.
Project : CHATREE



Analytical Results

Client sample ID			SW6902 ST1	SW6902 ST2	SW6902 ST9	SW6902 ST10	SW6902 ST11	SW6902 ST13	SW6902 ST14
Client sampling date / time			17-Feb-26	17-Feb-26	18-Feb-26	18-Feb-26	18-Feb-26	16-Feb-26	16-Feb-26
Compound	LOR	Unit	2613295-1	2613295-2	2613295-3	2613295-4	2613295-5	2613295-6	2613295-7
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	260	198	3460	1436	460	376	160
EA025: Suspended Solids									
Total Suspended Solids	5	mg/L	21	11	6	6	12	17	7
EA065: Total Hardness									
Total Hardness	1	mg/L	159	141	2884	1549	428	233	99
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	137	96	111	91	116	132	121
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	137	96	111	91	116	132	121
ED041G: Sulfate									
Sulfate	1.0	mg/L	41.5	43.1	1806	1233	231	115	9.3
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	4.3	1.1	1.3	<1.0	<1.0	5.5	2.8
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	34.7	26.6	587	381	60.0	50.6	26.2
Magnesium	0.10	mg/L	15.6	16.7	294	143	59.7	21.1	7.65
Potassium	0.10	mg/L	6.96	0.56	10.8	11.0	6.06	4.06	4.02
Sodium	0.10	mg/L	16.1	7.72	29.8	25.6	8.43	30.7	13.6
EG020T: Total Metals by ICP-MS									
Arsenic	0.001	mg/L	0.002	0.002	<0.001	<0.001	0.001	0.002	0.002
Cobalt	0.001	mg/L	<0.001	<0.001	<0.001	0.006	<0.001	<0.001	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	0.001	<0.001	0.001	<0.001
Iron	0.05	mg/L	1.15	0.71	<0.05	0.26	0.20	0.68	0.20
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.52	0.31	0.55	2.11	0.16	0.32	0.08
EG035T: Total Recoverable Mercury by CVAFS									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

LOR = Limit of reporting

Approved by



Senior Manager

MM-N12

u.15/71



Analytical Results

Client sample ID Client sampling date / time			SW6902 ST1	SW6902 ST2	SW6902 ST9	SW6902 ST10	SW6902 ST11	SW6902 ST13	SW6902 ST14
Compound	LOR	Unit	17-Feb-26	17-Feb-26	18-Feb-26	18-Feb-26	18-Feb-26	16-Feb-26	16-Feb-26
EN0055: Ionic Balance			2613295-1	2613295-2	2613295-3	2613295-4	2613295-5	2613295-6	2613295-7
Ionic Balance	---	%	9.70	10.24	17.46	9.40	12.07	10.13	0.37
Total Anions	0.01	mEq/L	3.21	2.49	38.69	26.64	6.61	4.65	2.26
Total Cations	0.01	mEq/L	3.90	3.05	55.05	32.17	8.43	5.70	2.63
EN0104: Turbidity									
Turbidity	0.1	NTU	21	16	2.0	4.5	12	17	4.1
EP005: Total Organic Carbon									
Total Organic Carbon	0.1	mg/L	5.52	4.23	0.90	1.50	5.61	5.21	5.53

LOR = Limit of reporting

Approved by

Senior Manager



Analytical Results

Client sample ID Client sampling date / time			SW6902 ST15	SW6902 ST16	SW6902 ST17	SW6902 ST18	SW6902 ST20	SW6902 ST21	SW6902 ST23
Compound	LOR	Unit	18-Feb-26	17-Feb-26	18-Feb-26	18-Feb-26	17-Feb-26	18-Feb-26	16-Feb-26
EA015: Total Dissolved Solids			2613295-8	2613295-9	2613295-10	2613295-11	2613295-12	2613295-13	2613295-14
Total Dissolved solids	5	mg/L	2272	318	960	796	1412	3176	656
EA025: Suspended Solids									
Total Suspended Solids	5	mg/L	<5	11	12	6	9	<5	11
EA065: Total Hardness									
Total Hardness	1	mg/L	2545	206	1381	679	1657	2974	441
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	81	116	218	248	293	213	126
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	81	116	218	248	293	213	126
ED041G: Sulfate									
Sulfate	1.0	mg/L	1871	90.4	856	498	990	1551	238
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	<1.0	8.5	5.5	6.8	1.9	2.5	8.0
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	466	53.8	258	143	305	580	92.8
Magnesium	0.10	mg/L	302	13.1	161	65.9	181	371	50.8
Potassium	0.10	mg/L	10.4	3.51	9.29	11.8	12.3	12.3	5.10
Sodium	0.10	mg/L	32.6	30.4	33.0	47.2	14.2	28.5	52.2
EG020T: Total Metals by ICP-MS									
Arsenic	0.001	mg/L	<0.001	0.002	0.001	0.001	0.002	<0.001	0.002
Cobalt	0.001	mg/L	<0.001	<0.001	<0.001	0.001	0.001	<0.001	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	0.27	0.10	0.08	0.09	<0.05	0.17
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.76	0.34	0.17	0.16	0.60	0.02	0.58
EG035T: Total Recoverable Mercury by CVAFS									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

LOR = Limit of reporting

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Senior Manager



Analytical Results

Client sample ID Client sampling date / time			SW6902 ST15 18-Feb-26	SW6902 ST16 17-Feb-26	SW6902 ST17 18-Feb-26	SW6902 ST18 18-Feb-26	SW6902 ST20 17-Feb-26	SW6902 ST21 18-Feb-26	SW6902 ST23 16-Feb-26
Compound	LOR	Unit	2613295-8	2613295-9	2613295-10	2613295-11	2613295-12	2613295-13	2613295-14
EN0055: Ionic Balance									
Ionic Balance	---	%	11.59	12.93	13.56	1.70	10.73	26.85	22.09
Total Anions	0.01	mEq/L	39.49	3.99	21.17	14.41	25.05	35.17	7.15
Total Cations	0.01	mEq/L	49.84	5.18	27.82	14.91	31.08	60.99	11.21
EN0104: Turbidity									
Turbidity	0.1	NTU	0.80	10	9.8	7.2	6.0	1.3	13
EP005: Total Organic Carbon									
Total Organic Carbon	0.1	mg/L	1.85	5.43	8.16	7.53	4.98	1.63	5.75

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Analytical Results

Client sample ID Client sampling date / time			SW6902 ST27 17-Feb-26	SW6902 ST28 17-Feb-26	SW6902 ST30 18-Feb-26	SW6902 ST31 16-Feb-26	SW6902 ST33 16-Feb-26	SW6902 ST36 18-Feb-26	SW6902 ST37 18-Feb-26
Compound	LOR	Unit	2613295-15	2613295-16	2613295-17	2613295-18	2613295-19	2613295-20	2613295-21
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	1532	448	2316	1768	1112	2912	944
EA025: Suspended Solids									
Total Suspended Solids	5	mg/L	<5	22	15	6	<5	<5	<5
EA065: Total Hardness									
Total Hardness	1	mg/L	1992	435	2984	1697	1517	2715	1126
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	354	339	172	258	228	23	288
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	354	339	172	258	228	23	288
ED041G: Sulfate									
Sulfate	1.0	mg/L	1253	261	1803	1204	1054	1813	885
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	<1.0	3.8	2.2	1.1	<1.0	5.3	<1.0
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	536	75.9	491	293	347	486	243
Magnesium	0.10	mg/L	159	59.6	427	234	158	363	126
Potassium	0.10	mg/L	9.42	7.78	14.7	12.0	10.6	5.69	4.28
Sodium	0.10	mg/L	34.5	13.5	16.5	12.2	11.1	42.4	21.8
EG020T: Total Metals by ICP-MS									
Arsenic	0.001	mg/L	0.001	0.006	<0.001	0.002	<0.001	<0.001	<0.001
Cobalt	0.001	mg/L	<0.001	<0.001	0.001	<0.001	0.006	<0.001	<0.001
Copper	0.001	mg/L	0.002	<0.001	<0.001	<0.001	<0.001	0.001	<0.001
Iron	0.05	mg/L	0.05	0.13	0.27	0.07	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.08	0.12	0.32	0.11	3.03	0.01	0.01
EG035T: Total Recoverable Mercury by CVAFS									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

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Analytical Results

Client sample ID Client sampling date / time			SW6902 ST27	SW6902 ST28	SW6902 ST30	SW6902 ST31	SW6902 ST33	SW6902 ST36	SW6902 ST37
			17-Feb-26	17-Feb-26	18-Feb-26	16-Feb-26	16-Feb-26	18-Feb-26	18-Feb-26
Compound	LOR	Unit	2613295-15	2613295-16	2613295-17	2613295-18	2613295-19	2613295-20	2613295-21
EN0055: Ionic Balance									
Ionic Balance	---	%	14.00	7.38	21.01	9.28	10.36	19.91	1.68
Total Anions	0.01	mEq/L	31.36	10.99	39.64	28.81	25.24	37.49	22.78
Total Cations	0.01	mEq/L	41.57	9.48	60.72	34.70	31.07	56.13	23.56
EN0104: Turbidity									
Turbidity	0.1	NTU	1.2	22	6.0	4.0	1.2	1.1	0.75
EP005: Total Organic Carbon									
Total Organic Carbon	0.1	mg/L	0.84	14.7	2.59	5.31	1.35	2.81	2.97

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Analytical Results

Client sample ID Client sampling date / time			SW6902 ST39	SW6902 ST40	SW6902 ST41	----	----	----	----
			17-Feb-26	16-Feb-26	18-Feb-26	----	----	----	----
Compound	LOR	Unit	2613295-22	2613295-23	2613295-24	----	----	----	----
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	556	181	1016	----	----	----	----
EA025: Suspended Solids									
Total Suspended Solids	5	mg/L	61	9	7	----	----	----	----
EA065: Total Hardness									
Total Hardness	1	mg/L	774	133	1222	----	----	----	----
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	182	81	111	----	----	----	----
Carbonate Alkalinity	1	mg/L	<1	<1	<1	----	----	----	----
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	----	----	----	----
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	----	----	----	----
Total Alkalinity	1	mg/L	182	81	111	----	----	----	----
ED041G: Sulfate									
Sulfate	1.0	mg/L	526	75.6	806	----	----	----	----
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	2.5	<1.0	1.4	----	----	----	----
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	184	28.2	244	----	----	----	----
Magnesium	0.10	mg/L	76.7	15.1	149	----	----	----	----
Potassium	0.10	mg/L	12.2	3.28	6.28	----	----	----	----
Sodium	0.10	mg/L	12.9	1.51	22.9	----	----	----	----
EG020T: Total Metals by ICP-MS									
Arsenic	0.001	mg/L	0.004	0.003	0.002	----	----	----	----
Cobalt	0.001	mg/L	0.001	<0.001	<0.001	----	----	----	----
Copper	0.001	mg/L	0.003	<0.001	<0.001	----	----	----	----
Iron	0.05	mg/L	1.14	0.15	<0.05	----	----	----	----
Lead	0.001	mg/L	<0.001	<0.001	<0.001	----	----	----	----
Manganese	0.001	mg/L	0.32	0.22	0.65	----	----	----	----
EG035T: Total Recoverable Mercury by CVAFS									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	----	----	----	----
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	----	----	----	----
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	----	----	----	----

LOR = Limit of reporting

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Senior Manager



Analytical Results

			Client sample ID		SW6902 ST39	SW6902 ST40	SW6902 ST41	----	----	----	----
			Client sampling date / time		17-Feb-26	16-Feb-26	18-Feb-26	----	----	----	----
Compound	LOR	Unit			2613295-22	2613295-23	2613295-24	----	----	----	----
EN0055: Ionic Balance											
Ionic Balance	----	%			8.54	0.07	16.52	----	----	----	----
Total Anions	0.01	mEq/L			13.78	2.87	18.31	----	----	----	----
Total Cations	0.01	mEq/L			16.35	2.80	25.55	----	----	----	----
EN0104: Turbidity											
Turbidity	0.1	NTU			25	11	7.0	----	----	----	----
EP005: Total Organic Carbon											
Total Organic Carbon	0.1	mg/L			9.34	3.45	6.02	----	----	----	----

LOR = Limit of reporting

Approved by



Senior Manager

CERTIFICATE OF ANALYSIS

Client	Akara Resources Public Co., Ltd.	ALS Lot No.	2640475
Contact	Yaowanud Chandung	Date Samples Received	May 21, 2026 01:00 PM
Address	99 Moo 9, Tambon Khaochetluk, Amphur Thapklor, Phichit Thailand 66230	Issue Date	Jun 05, 2026 03:51 PM
Email	yaowanud@akararesources.com	Quote number	Q261054
		Project	CHATREE
Telephone	0-5661-4500	No. of samples received	22
Facsimile	0-5661-4190	No. of samples analysed	22

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or client request.

When sampling time information is not provided by client, sampling dates are shown without a time component. In this instances, the time component has been assumed by the laboratory for processing purposes.

The results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any form without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Page : 1 of 9

ALS Lot No. : 2640475
Client : Akara Resources Public Co., Ltd.
Project : CHATREE



Analytical Results

Client sample ID			SW6905 ST9	SW6905 ST10	SW6905 ST11	SW6905 ST14	SW6905 ST15	SW6905 ST16	SW6905 ST17
Client sampling date / time			20-May-26	20-May-26	20-May-26	18-May-26	20-May-26	18-May-26	20-May-26
Compound	LOR	Unit	2640475-1	2640475-2	2640475-3	2640475-4	2640475-5	2640475-6	2640475-7
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	3400	1575	684	150	4125	258	1780
EA025: Suspended Solids									
Total Suspended Solids	5	mg/L	<5	<5	12	36	<5	<5	10
EA065: Total Hardness									
Total Hardness	1	mg/L	2435	1601	507	83	2894	131	1597
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	81	23	91	91	66	66	86
Carbonate Alkalinity	1	mg/L	<1	<1	10.00	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	5	<1	<1	<1	<1
Total Alkalinity	1	mg/L	81	23	101	91	66	66	86
ED041G: Sulfate									
Sulfate	1.0	mg/L	2107	1432	424	47.2	2441	102	1368
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	<1.0	<1.0	<1.0	5.4	<1.0	13.5	5.1
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	548	400	76.7	20.8	536	38.5	297
Magnesium	0.10	mg/L	303	173	85.4	8.64	433	9.86	243
Potassium	0.10	mg/L	9.76	10.6	6.89	6.71	11.4	4.08	10.2
Sodium	0.10	mg/L	31.2	25.6	10.9	18.6	41.0	28.3	39.8
EG020T: Total Metals by ICP-MS									
Arsenic	0.001	mg/L	0.001	<0.001	0.002	0.007	<0.001	0.001	0.002
Cobalt	0.001	mg/L	<0.001	0.003	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	0.001	mg/L	<0.001	0.002	0.001	0.001	0.001	0.002	<0.001
Iron	0.05	mg/L	<0.05	0.19	0.15	0.56	<0.05	0.24	0.07
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.07	0.47	0.20	0.21	0.47	0.20	0.37
EG035T: Total Recoverable Mercury by CVAFS									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

LOR = Limit of reporting

Approved by



Senior Manager

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Analytical Results

Client sample ID Client sampling date / time			SW6905 ST9 20-May-26	SW6905 ST10 20-May-26	SW6905 ST11 20-May-26	SW6905 ST14 18-May-26	SW6905 ST15 20-May-26	SW6905 ST16 18-May-26	SW6905 ST17 20-May-26
Compound	LOR	Unit	2640475-1	2640475-2	2640475-3	2640475-4	2640475-5	2640475-6	2640475-7
EN0055: Ionic Balance									
Ionic Balance	---	%	9.81	9.21	6.34	0.12	11.78	6.98	11.13
Total Anions	0.01	mEq/L	44.29	29.57	10.14	2.61	50.86	3.53	29.44
Total Cations	0.01	mEq/L	53.92	35.57	11.51	2.73	64.44	4.06	36.82
EN0104: Turbidity									
Turbidity	0.1	NTU	1.2	3.2	9.5	26	0.60	3.2	9.8
EP005: Total Organic Carbon									
Total Organic Carbon	0.1	mg/L	1.31	1.62	8.06	15.0	2.63	12.0	11.0

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Analytical Results

Client sample ID Client sampling date / time			SW6905 ST18 20-May-26	SW6905 ST20 19-May-26	SW6905 ST21 20-May-26	SW6905 ST23 18-May-26	SW6905 ST27 19-May-26	SW6905 ST28 19-May-26	SW6905 ST29 19-May-26
Compound	LOR	Unit	2640475-8	2640475-9	2640475-10	2640475-11	2640475-12	2640475-13	2640475-14
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	864	1260	1504	624	804	656	1695
EA025: Suspended Solids									
Total Suspended Solids	5	mg/L	6	7	<5	17	<5	16	<5
EA065: Total Hardness									
Total Hardness	1	mg/L	647	1269	2565	527	1301	493	1525
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	96	10	76	116	20	20	51
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	96	10	76	116	20	20	51
ED041G: Sulfate									
Sulfate	1.0	mg/L	656	1032	2478	551	1345	450	1683
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	9.0	<1.0	<1.0	8.6	<1.0	4.8	<1.0
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	128	261	509	116	368	117	477
Magnesium	0.10	mg/L	88.5	177	365	66.9	146	55.6	133
Potassium	0.10	mg/L	12.9	11.3	11.3	4.71	11.0	8.07	8.88
Sodium	0.10	mg/L	53.9	12.7	27.4	62.9	21.2	16.0	34.5
EG020T: Total Metals by ICP-MS									
Arsenic	0.001	mg/L	0.002	0.001	<0.001	0.003	<0.001	0.005	0.001
Cobalt	0.001	mg/L	<0.001	0.02	<0.001	0.002	0.003	<0.001	0.002
Copper	0.001	mg/L	<0.001	0.004	<0.001	0.004	0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	0.17	<0.05	0.97	0.08	0.06	0.15
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.36	2.62	0.01	6.34	0.61	0.07	0.22
EG035T: Total Recoverable Mercury by CVAFS									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

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Analytical Results

Client sample ID Client sampling date / time			SW6905 ST18	SW6905 ST20	SW6905 ST21	SW6905 ST23	SW6905 ST27	SW6905 ST28	SW6905 ST29
			20-May-26	19-May-26	20-May-26	18-May-26	19-May-26	19-May-26	19-May-26
Compound	LOR	Unit	2640475-8	2640475-9	2640475-10	2640475-11	2640475-12	2640475-13	2640475-14
EN0055: Ionic Balance									
Ionic Balance	---	%	3.58	14.46	4.70	2.72	6.43	7.99	1.89
Total Anions	0.01	mEq/L	15.20	21.22	51.78	13.39	27.75	9.64	35.15
Total Cations	0.01	mEq/L	16.33	28.40	56.89	14.14	31.57	11.31	36.50
EN0104: Turbidity									
Turbidity	0.1	NTU	8.0	4.6	0.95	23	2.2	10	2.7
EP005: Total Organic Carbon									
Total Organic Carbon	0.1	mg/L	9.41	2.10	2.37	9.41	1.83	16.1	1.07

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Senior Manager



Analytical Results

Client sample ID Client sampling date / time			SW6905 ST30	SW6905 ST31	SW6905 ST33	SW6905 ST36	SW6905 ST37	SW6905 ST39	SW6905 ST40
			20-May-26	18-May-26	18-May-26	20-May-26	20-May-26	19-May-26	18-May-26
Compound	LOR	Unit	2640475-15	2640475-16	2640475-17	2640475-18	2640475-19	2640475-20	2640475-21
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	2985	1600	860	3465	932	992	170
EA025: Suspended Solids									
Total Suspended Solids	5	mg/L	<5	<5	11	<5	<5	7	<5
EA065: Total Hardness									
Total Hardness	1	mg/L	2265	1868	621	2525	1046	1784	134
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	15	71	<1	66	23	56	20
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	15	71	<1	66	23	56	20
ED041G: Sulfate									
Sulfate	1.0	mg/L	2068	1651	675	2310	981	1465	96.8
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	<1.0	<1.0	<1.0	7.8	<1.0	<1.0	1.4
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	381	330	130	454	274	391	30.6
Magnesium	0.10	mg/L	319	253	81.0	337	124	196	16.4
Potassium	0.10	mg/L	11.7	12.3	10.6	5.65	4.27	11.7	4.06
Sodium	0.10	mg/L	14.1	13.6	5.44	45.0	22.8	20.4	2.21
EG020T: Total Metals by ICP-MS									
Arsenic	0.001	mg/L	<0.001	0.005	0.001	<0.001	<0.001	0.002	0.003
Cobalt	0.001	mg/L	<0.001	<0.001	0.11	<0.001	<0.001	<0.001	<0.001
Copper	0.001	mg/L	<0.001	0.001	0.03	<0.001	<0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	<0.05	0.39	<0.05	0.20	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	1.44	0.16	7.41	0.010	0.28	0.66	0.02
EG035T: Total Recoverable Mercury by CVAFS									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002

LOR = Limit of reporting

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Senior Manager



Analytical Results

Client sample ID Client sampling date / time			SW6905 ST30	SW6905 ST31	SW6905 ST33	SW6905 ST36	SW6905 ST37	SW6905 ST39	SW6905 ST40
Compound			20-May-26	18-May-26	18-May-26	20-May-26	20-May-26	19-May-26	18-May-26
LOR Unit			2640475-15	2640475-16	2640475-17	2640475-18	2640475-19	2640475-20	2640475-21
EN0055: Ionic Balance									
Ionic Balance	---	%	4.22	4.58	0.40	4.08	10.24	9.00	13.44
Total Anions	0.01	mEq/L	42.41	34.85	13.77	48.40	20.38	30.78	2.35
Total Cations	0.01	mEq/L	46.15	38.20	13.66	52.52	25.03	36.87	3.08
EN0104: Turbidity									
Turbidity	0.1	NTU	0.95	4.0	9.2	0.70	2.8	5.6	0
EP005: Total Organic Carbon									
Total Organic Carbon	0.1	mg/L	3.36	8.13	0.27	2.95	3.06	6.40	6.97

LOR = Limit of reporting

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Analytical Results

Client sample ID Client sampling date / time			SW6905 ST41	---	---	---	---	---	---
Compound			20-May-26	---	---	---	---	---	---
LOR Unit			2640475-22	---	---	---	---	---	---
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	1348	---	---	---	---	---	---
EA025: Suspended Solids									
Total Suspended Solids	5	mg/L	<5	---	---	---	---	---	---
EA065: Total Hardness									
Total Hardness	1	mg/L	1317	---	---	---	---	---	---
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	23	---	---	---	---	---	---
Carbonate Alkalinity	1	mg/L	<1	---	---	---	---	---	---
Hydroxide Alkalinity	1	mg/L	<1	---	---	---	---	---	---
Phenolphthalein Alkalinity	1	mg/L	<1	---	---	---	---	---	---
Total Alkalinity	1	mg/L	23	---	---	---	---	---	---
ED041G: Sulfate									
Sulfate	1.0	mg/L	1148	---	---	---	---	---	---
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	1.8	---	---	---	---	---	---
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	264	---	---	---	---	---	---
Magnesium	0.10	mg/L	161	---	---	---	---	---	---
Potassium	0.10	mg/L	8.12	---	---	---	---	---	---
Sodium	0.10	mg/L	27.5	---	---	---	---	---	---
EG020T: Total Metals by ICP-MS									
Arsenic	0.001	mg/L	0.001	---	---	---	---	---	---
Cobalt	0.001	mg/L	<0.001	---	---	---	---	---	---
Copper	0.001	mg/L	0.002	---	---	---	---	---	---
Iron	0.05	mg/L	0.06	---	---	---	---	---	---
Lead	0.001	mg/L	<0.001	---	---	---	---	---	---
Manganese	0.001	mg/L	0.72	---	---	---	---	---	---
EG035T: Total Recoverable Mercury by CVAFS									
Mercury	0.0001	mg/L	<0.0001	---	---	---	---	---	---
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	---	---	---	---	---	---
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	---	---	---	---	---	---

LOR = Limit of reporting

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Analytical Results

Client sample ID Client sampling date / time			SW6905 ST41	----	----	----	----	----	----
			20-May-26	----	----	----	----	----	----
Compound	LOR	Unit	2640475-22	----	----	----	----	----	----
EN0055: Ionic Balance									
Ionic Balance	----	%	7.80	0	0	----	----	----	----
Total Anions	0.01	mEq/L	23.83	0	0	----	----	----	----
Total Cations	0.01	mEq/L	27.86	0	0	----	----	----	----
EN0104: Turbidity									
Turbidity	0.1	NTU	0	0	0	----	----	----	----
EP005: Total Organic Carbon									
Total Organic Carbon	0.1	mg/L	6.94	0	0	----	----	----	----

LOR = Limit of reporting

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Senior Manager

CERTIFICATE OF ANALYSIS

Client	Akara Resources Public Co., Ltd.	ALS Lot No.	2613536
Contact Address	Yaowanud Chandung 99 Moo 9, Tambon Khaochetluk, Amphur Thapklor, Phichit Thailand 66230	Date Samples Received	Feb 18, 2026 12:30 PM
Email	yaowanud@akararesources.com	Issue Date	Feb 27, 2026 06:12 PM
Telephone	0-5661-4500	Quote number	Q261054
Facsimile	0-5661-4190	Project	CHATREE
		No. of samples received	24
		No. of samples analysed	24

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or client request.

When sampling time information is not provided by client, sampling dates are shown without a time component. In this instances, the time component has been assumed by the laboratory for processing purposes.

The results are valid only for the analyzed/tested sample(s) as indicated in this report. No part of this report or certificate may be reproduced in any from without written consent from the Laboratory. ALS Laboratory Group (Thailand) strongly recommends that this report is not reproduced except in full.

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Page : 1 of 5

ALS Lot No. : 2613536

Client : Akara Resources Public Co., Ltd.

Project : CHATREE



Analytical Results

Client sample ID			GW6902ST4	GW6902ST7	GW6902ST8	GW6902ST9	GW6902ST10	GW6902ST11	GW6902ST12
Client sampling date / time			17-Feb-26	16-Feb-26	16-Feb-26	17-Feb-26	16-Feb-26	16-Feb-26	17-Feb-26
Compound	LOR	Unit	2613536-1	2613536-2	2613536-3	2613536-4	2613536-5	2613536-6	2613536-7
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	358	436	202	196	344	193	290
EA065: Total Hardness									
Total Hardness	1	mg/L	249	267	145	128	180	101	204
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	283	349	132	111	258	121	202
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	283	349	132	111	258	121	202
ED041G: Sulfate									
Sulfate	1.0	mg/L	34.4	28.1	37.7	23.7	35.8	18.0	17.5
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	13.5	16.5	13.5	3.5	8.1	<1.0	<1.0
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	73.7	69.4	49.2	33.4	50.3	28.1	74.6
Magnesium	0.10	mg/L	16.0	23.0	5.53	11.0	13.5	7.79	4.40
Potassium	0.10	mg/L	0.69	1.07	6.07	0.80	1.04	1.60	1.32
Sodium	0.10	mg/L	35.4	71.0	16.4	18.2	50.1	15.2	11.4
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	0.004	0.004	0.003	<0.001	<0.001	<0.001	0.004
Cobalt	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.03	0.10	0.12	0.008	0.43	0.02	0.007
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G: Cyanide Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN055: Ionic Balance									
Ionic Balance	---	%	6.67	11.24	6.70	16.96	5.83	0.36	11.36
Total Anions	0.01	mEq/L	5.73	6.76	3.30	2.41	5.19	2.38	3.67
Total Cations	0.01	mEq/L	6.55	8.47	3.78	3.39	5.83	2.74	4.61
Turbidity									
Turbidity	0.1	NTU	1.1	1.6	50	0.45	3.2	36	0.25

Approved by



Senior Manager

MM-N12

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Analytical Results

Client sample ID Client sampling date / time			GW6902ST13	GW6902ST15	GW6902ST18	GW6902ST21	GW6902ST22	GW6902ST23	RG69026672
			17-Feb-26	17-Feb-26	16-Feb-26	17-Feb-26	16-Feb-26	17-Feb-26	17-Feb-26
Compound	LOR	Unit	2613536-8	2613536-9	2613536-10	2613536-11	2613536-12	2613536-13	2613536-14
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	266	280	424	296	340	308	254
EA065: Total Hardness									
Total Hardness	1	mg/L	181	165	235	243	248	214	143
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	187	116	218	248	293	213	126
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	187	116	218	248	293	213	126
ED041G: Sulfate									
Sulfate	1.0	mg/L	7.6	72.3	94.8	26.0	17.1	14.8	38.8
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	4.8	11.0	31.4	3.1	1.3	2.4	1.1
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	54.1	52.3	70.0	71.6	75.9	72.3	34.7
Magnesium	0.10	mg/L	11.3	8.63	14.8	15.8	14.4	8.44	14.1
Potassium	0.10	mg/L	0.80	6.88	1.66	0.52	1.37	0.97	4.74
Sodium	0.10	mg/L	16.5	9.44	72.3	24.1	35.2	20.2	16.2
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	<0.001	<0.001	<0.001	0.002	0.003	0.002	0.001
Cobalt	0.001	mg/L	<0.001	0.004	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	0.003	<0.001	<0.001
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.27	1.47	0.006	0.02	0.38	0.37	0.03
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G: Cyanide Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN055: Ionic Balance									
Ionic Balance	----	%	13.09	2.82	10.62	11.84	11.46	14.98	12.47
Total Anions	0.01	mEq/L	3.36	3.69	6.38	4.68	5.20	3.85	2.89
Total Cations	0.01	mEq/L	4.37	3.91	7.90	5.94	6.54	5.21	3.72
Turbidity									
Turbidity	0.1	NTU	2.9	45	0.35	0.60	1.4	7.1	6.3

Approved by

Senior Manager



Analytical Results

Client sample ID Client sampling date / time			RG6902690	RG6902691	RG6902692	RG6902693	RG69024017	RG69024018	RG69024020
			17-Feb-26	17-Feb-26	17-Feb-26	17-Feb-26	16-Feb-26	16-Feb-26	16-Feb-26
Compound	LOR	Unit	2613536-15	2613536-16	2613536-17	2613536-18	2613536-19	2613536-20	2613536-21
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	408	326	236	338	496	60	416
EA065: Total Hardness									
Total Hardness	1	mg/L	353	293	154	301	309	38	208
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	354	339	172	258	228	23	288
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	354	339	172	258	228	23	288
ED041G: Sulfate									
Sulfate	1.0	mg/L	2.4	5.5	3.4	56.4	125	7.3	95.0
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	<1.0	4.2	<1.0	1.6	31.3	1.5	22.8
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	108	71.9	39.5	92.3	88.5	14.2	38.7
Magnesium	0.10	mg/L	20.8	27.9	13.8	17.4	21.8	0.96	27.5
Potassium	0.10	mg/L	0.75	9.46	0.35	0.41	1.47	3.82	1.02
Sodium	0.10	mg/L	26.2	32.3	22.8	8.52	58.2	1.31	115
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	0.003	0.001	0.002	0.001	<0.001	<0.001	<0.001
Cobalt	0.001	mg/L	<0.001	0.010	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	0.001
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.006	1.62	0.002	0.04	0.56	0.06	0.03
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G: Cyanide Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN055: Ionic Balance									
Ionic Balance	----	%	16.83	13.13	17.18	8.40	10.05	0.38	11.50
Total Anions	0.01	mEq/L	5.87	5.79	2.90	5.42	7.17	0.57	7.31
Total Cations	0.01	mEq/L	8.24	7.54	4.11	6.42	8.78	0.94	9.21
Turbidity									
Turbidity	0.1	NTU	2.8	15	1.6	65	3.0	90	5.7

Approved by

Senior Manager



Analytical Results

Client sample ID			RG69024021	RG69024024	RG69024025	----	----	----	----
Client sampling date / time			16-Feb-26	16-Feb-26	16-Feb-26	----	----	----	----
Compound	LOR	Unit	2613536-22	2613536-23	2613536-24	----	----	----	----
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	222	131	151	----	----	----	----
EA065: Total Hardness									
Total Hardness	1	mg/L	166	79	121	----	----	----	----
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	182	81	116	----	----	----	----
Carbonate Alkalinity	1	mg/L	<1	<1	<1	----	----	----	----
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	----	----	----	----
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	----	----	----	----
Total Alkalinity	1	mg/L	182	81	116	----	----	----	----
ED041G: Sulfate									
Sulfate	1.0	mg/L	5.2	23.2	12.8	----	----	----	----
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	2.7	2.6	5.4	----	----	----	----
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	53.9	22.5	36.4	----	----	----	----
Magnesium	0.10	mg/L	7.94	5.80	7.60	----	----	----	----
Potassium	0.10	mg/L	6.19	1.26	2.75	----	----	----	----
Sodium	0.10	mg/L	16.1	13.2	11.4	----	----	----	----
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	0.002	0.001	<0.001	----	----	----	----
Cobalt	0.001	mg/L	<0.001	0.001	<0.001	----	----	----	----
Copper	0.001	mg/L	<0.001	<0.001	<0.001	----	----	----	----
Iron	0.05	mg/L	<0.05	<0.05	<0.05	----	----	----	----
Lead	0.001	mg/L	<0.001	<0.001	<0.001	----	----	----	----
Manganese	0.001	mg/L	0.51	0.74	0.002	----	----	----	----
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	----	----	----	----
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	----	----	----	----
EK025G: Cyanide Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	----	----	----	----
EN055: Ionic Balance									
Ionic Balance	----	%	14.06	0.33	12.98	----	----	----	----
Total Anions	0.01	mEq/L	3.17	1.87	2.32	----	----	----	----
Total Cations	0.01	mEq/L	4.20	2.20	3.01	----	----	----	----
Turbidity									
Turbidity	0.1	NTU	24	4.9	9.8	----	----	----	----

Approved by

Senior Manager

Page : 5 of 5



CERTIFICATE OF ANALYSIS

Client Akara Resources Public Co., Ltd.
Contact Yaowanud Chandung
Address 99 Moo 9, Tambon Khaochetluk, Amphur Thapklor, Phichit Thailand 66230
Email yaowanud@akararesources.com
Telephone 0-5661-4500
Facsimile 0-5661-4190

ALS Lot No. 2613551
Date Samples Received Feb 19, 2026 01:00 PM
Issue Date Feb 27, 2026 06:34 PM
Quote number Q261054
Project CHATREE
No. of samples received 18
No. of samples analysed 18

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

General Comments

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Analytical Results

Client sample ID			MS6902678	MS6902679	MS6902593	MS6902594	MS6902597	MS6902598	MS69026081
Client sampling date / time			17-Feb-26	17-Feb-26	18-Feb-26	18-Feb-26	17-Feb-26	17-Feb-26	17-Feb-26
Compound	LOR	Unit	2613551-2	2613551-3	2613551-4	2613551-5	2613551-6	2613551-7	2613551-8
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	209	324	3486	1948	148	220	988
EA065: Total Hardness									
Total Hardness	1	mg/L	135	183	3064	1796	44	96	748
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	121	106	223	364	76	116	137
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	121	106	223	364	76	116	137
ED041G: Sulfate									
Sulfate	1.0	mg/L	37.1	91.2	2328	1062	10.5	36.2	558
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	<1.0	<1.0	2.5	<1.0	<1.0	3.4	<1.0
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	26.7	44.1	799	542	12.7	33.4	154
Magnesium	0.10	mg/L	16.6	17.6	262	108	2.94	3.19	66.3
Potassium	0.10	mg/L	0.51	1.04	1.81	5.94	1.07	0.46	2.18
Sodium	0.10	mg/L	16.2	16.8	75.4	49.5	16.7	35.8	75.6
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	0.001	0.001	0.003	0.007	<0.001	<0.001	<0.001
Cobalt	0.001	mg/L	<0.001	0.008	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.003	<0.001
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	0.07	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.17	0.68	0.005	1.40	0.11	0.05	0.32
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN0055: Ionic Balance									
Ionic Balance	---	%	10.84	10.05	11.66	16.10	0.17	12.12	9.53
Total Anions	0.01	mEq/L	2.75	3.60	51.19	27.62	1.46	2.74	13.63
Total Cations	0.01	mEq/L	3.42	4.41	64.70	38.23	1.63	3.50	16.50
EN0104: Turbidity									
Turbidity	0.1	NTU	20	120	9.7	13	2.6	120	5.0

[Redacted Signature]

Senior Manager



Analytical Results

Client sample ID			MS69026082	MS69026083	MS69026084	MS69026647	MS69026648	MS69026651	MS69026652
Client sampling date / time			17-Feb-26	17-Feb-26	17-Feb-26	16-Feb-26	16-Feb-26	16-Feb-26	16-Feb-26
Compound	LOR	Unit	2613551-9	2613551-10	2613551-11	2613551-12	2613551-13	2613551-14	2613551-15
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	3114	384	376	482	236	452	488
EA065: Total Hardness									
Total Hardness	1	mg/L	2136	303	348	365	208	398	402
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	207	243	278	152	142	187	253
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	207	243	278	152	142	187	253
ED041G: Sulfate									
Sulfate	1.0	mg/L	1701	11.9	7.3	135	63.2	145	92.0
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	<1.0	<1.0	<1.0	4.1	<1.0	1.7	6.2
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	401	96.6	85.3	113	62.2	111	110
Magnesium	0.10	mg/L	278	14.9	32.7	20.3	12.8	29.1	31.0
Potassium	0.10	mg/L	6.62	0.99	0.62	3.97	2.87	5.06	3.75
Sodium	0.10	mg/L	375	28.3	35.1	13.3	11.5	14.7	35.6
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	0.002	0.003	0.002	<0.001	<0.001	0.002	0.02
Cobalt	0.001	mg/L	0.004	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	4.26	0.12	0.04	0.20	0.27	0.69	2.84
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN0055: Ionic Balance									
Ionic Balance	---	%	21.80	26.72	28.64	19.68	13.06	17.97	21.92
Total Anions	0.01	mEq/L	38.10	4.22	4.71	5.35	3.64	6.06	6.20
Total Cations	0.01	mEq/L	59.35	7.30	8.49	7.97	4.73	8.72	9.68
EN0104: Turbidity									
Turbidity	0.1	NTU	32	1.6	9.2	7.4	350	14	100

[Redacted Signature]

Senior Manager



Analytical Results

Client sample ID			MS69026653	MS69026654	MS69026655	MS69026656	----	----	----
Client sampling date / time			16-Feb-26	16-Feb-26	16-Feb-26	16-Feb-26	----	----	----
Compound	LOR	Unit	2613551-16	2613551-17	2613551-18	2613551-19	----	----	----
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	980	262	168	196	----	----	----
EA065: Total Hardness									
Total Hardness	1	mg/L	1054	146	77	171	----	----	----
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	121	81	91	137	----	----	----
Carbonate Alkalinity	1	mg/L	<1	<1	<1	10.00	----	----	----
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	----	----	----
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	5	----	----	----
Total Alkalinity	1	mg/L	121	81	91	147	----	----	----
ED041G: Sulfate									
Sulfate	1.0	mg/L	632	91.8	18.1	19.5	----	----	----
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	1.8	3.2	<1.0	<1.0	----	----	----
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	190	15.9	23.6	54.4	----	----	----
Magnesium	0.10	mg/L	132	25.7	4.46	8.59	----	----	----
Potassium	0.10	mg/L	15.3	5.90	1.97	2.51	----	----	----
Sodium	0.10	mg/L	10.3	25.9	18.3	13.8	----	----	----
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	<0.001	<0.001	<0.001	0.003	----	----	----
Cobalt	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	----	----	----
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	----	----	----
Iron	0.05	mg/L	0.53	<0.05	<0.05	<0.05	----	----	----
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	----	----	----
Manganese	0.001	mg/L	4.58	0.04	0.16	0.41	----	----	----
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	----	----	----
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	----	----	----
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	----	----	----
EN0055: Ionic Balance									
Ionic Balance	----	%	17.29	12.02	0.51	21.40	----	----	----
Total Anions	0.01	mEq/L	14.93	3.29	1.88	2.65	----	----	----
Total Cations	0.01	mEq/L	21.18	4.19	2.39	4.09	----	----	----
EN0104: Turbidity									
Turbidity	0.1	NTU	340	7.1	3.2	2.1	----	----	----

Senior Manager

CERTIFICATE OF ANALYSIS

Client	Akara Resources Public Co., Ltd.	ALS Lot No.	2640476
Contact Address	Yaowanud Chandung 99 Moo 9, Tambon Khaochetluk, Amphur Thapklor, Phichit Thailand 66230	Date Samples Received	May 20, 2026 12:30 PM
Email	yaowanud@akararesources.com	Issue Date	May 28, 2026 03:44 PM
Telephone	0-5661-4500	Quote number	Q261054
Facsimile	0-5661-4190	Project	CHATREE
		No. of samples received	20
		No. of samples analysed	20

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

General Comments

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Page : 1 of 4

ALS Lot No. : 2640476

Client : Akara Resources Public Co., Ltd.

Project : CHATREE



Analytical Results

Client sample ID			GW6905ST4	GW6905ST7	GW6905ST9	GW6905ST10	GW6905ST11	GW6905ST12	GW6905ST13
Client sampling date / time			19-May-26	18-May-26	19-May-26	18-May-26	18-May-26	19-May-26	19-May-26
Compound	LOR	Unit	2640476-1	2640476-2	2640476-3	2640476-4	2640476-5	2640476-6	2640476-7
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	392	420	285	255	232	240	278
EA065: Total Hardness									
Total Hardness	1	mg/L	302	293	153	248	114	226	185
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	283	354	111	268	116	202	182
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	283	354	111	268	116	202	182
ED041G: Sulfate									
Sulfate	1.0	mg/L	36.7	28.0	26.4	50.5	16.5	18.1	8.4
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	15.6	18.8	8.0	10.0	1.0	<1.0	9.5
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	77.9	69.4	37.9	66.5	30.8	78.4	51.4
Magnesium	0.10	mg/L	18.6	26.2	12.7	17.4	8.77	4.95	11.3
Potassium	0.10	mg/L	0.56	0.41	0.42	0.69	1.51	1.24	0.44
Sodium	0.10	mg/L	40.7	69.4	19.1	56.0	16.3	11.7	17.4
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	0.004	0.006	<0.001	0.001	<0.001	0.004	<0.001
Cobalt	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	0.005	0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.03	0.06	0.010	0.64	0.01	0.002	0.27
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G: Cyanide Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN0055: Ionic Balance									
Ionic Balance	---	%	5.83	6.91	2.59	5.71	2.27	3.69	3.42
Total Anions	0.01	mEq/L	5.83	6.91	2.59	5.71	2.27	3.69	3.42
Total Cations	0.01	mEq/L	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EN0104: Turbidity									
Turbidity	0.1	NTU	1.3	0.70	0.15	0.50	2.8	0.10	2.7

Approved by



Senior Manager

MM-N12

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Analytical Results

Client sample ID			GW6905ST15	GW6905ST18	GW6905ST21	GW6905ST22	GW6905ST23	RG69056672	RG6905690
Client sampling date / time			18-May-26	18-May-26	19-May-26	18-May-26	19-May-26	19-May-26	19-May-26
Compound	LOR	Unit	2640476-8	2640476-9	2640476-10	2640476-11	2640476-12	2640476-13	2640476-14
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	288	492	322	338	352	268	404
EA065: Total Hardness									
Total Hardness	1	mg/L	206	263	242	256	218	145	338
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	126	207	228	263	202	121	359
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	126	207	228	263	202	121	359
ED041G: Sulfate									
Sulfate	1.0	mg/L	71.2	118	26.1	18.5	15.7	36.7	4.1
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	14.0	33.7	6.6	5.9	2.6	1.0	<1.0
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	62.5	71.5	66.0	71.4	68.6	31.8	96.3
Magnesium	0.10	mg/L	9.62	16.6	15.6	14.8	8.17	12.7	19.1
Potassium	0.10	mg/L	7.34	1.16	0.30	0.79	0.74	4.19	0.64
Sodium	0.10	mg/L	9.72	73.6	22.7	33.6	19.3	15.2	23.3
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	<0.001	<0.001	0.002	0.003	0.002	0.001	0.003
Cobalt	0.001	mg/L	0.002	<0.001	<0.001	<0.001	<0.001	0.003	<0.001
Copper	0.001	mg/L	<0.001	<0.001	0.001	0.001	<0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	1.24	0.01	0.02	0.34	0.40	0.45	0.20
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G: Cyanide Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN0055: Ionic Balance									
Ionic Balance	----	%	3.92	6.75	4.45	4.85	3.71	2.77	5.99
Total Anions	0.01	mEq/L	3.92	6.75	4.45	4.85	3.71	2.77	5.99
Total Cations	0.01	mEq/L	0.00	0.00	0.00	0.00	0.00	0.00	0.00
EN0104: Turbidity									
Turbidity	0.1	NTU	33	0.40	0.60	1.0	19	15	1.4

Approved by

Senior Manager



Analytical Results

Client sample ID			RG6905691	RG6905692	RG69054017	RG69054018	RG69054021	RG69054024	----
Client sampling date / time			19-May-26	19-May-26	19-May-26	18-May-26	18-May-26	19-May-26	----
Compound	LOR	Unit	2640476-15	2640476-16	2640476-17	2640476-18	2640476-19	2640476-20	----
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	408	288	484	302	128	162	----
EA065: Total Hardness									
Total Hardness	1	mg/L	298	150	320	214	139	92	----
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	304	177	228	207	121	86	----
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	----
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	----
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	----
Total Alkalinity	1	mg/L	304	177	228	207	121	86	----
ED041G: Sulfate									
Sulfate	1.0	mg/L	29.7	4.7	143	33.4	20.5	15.6	----
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	7.0	<1.0	24.7	2.1	3.2	6.7	----
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	72.1	35.8	88.2	62.4	43.3	24.5	----
Magnesium	0.10	mg/L	25.4	13.0	21.1	11.0	5.82	6.43	----
Potassium	0.10	mg/L	10.3	0.36	1.19	3.60	5.09	1.37	----
Sodium	0.10	mg/L	33.7	21.7	60.0	20.2	8.68	14.5	----
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	0.003	0.002	<0.001	0.001	0.004	0.001	----
Cobalt	0.001	mg/L	0.005	<0.001	<0.001	0.001	<0.001	<0.001	----
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	0.005	<0.001	----
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	----
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	----
Manganese	0.001	mg/L	1.84	0.13	0.45	0.40	0.10	0.94	----
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	----
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	----
EK025G: Cyanide Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	----
EN0055: Ionic Balance									
Ionic Balance	----	%	5.78	3.01	7.35	4.14	2.50	1.92	----
Total Anions	0.01	mEq/L	5.78	3.01	7.35	4.14	2.50	1.92	----
Total Cations	0.01	mEq/L	0.00	0.00	0.00	0.00	0.00	0.00	----
EN0104: Turbidity									
Turbidity	0.1	NTU	75	1.8	2.1	15	55	2.6	----

Approved by

Senior Manager

CERTIFICATE OF ANALYSIS

Client	Akara Resources Public Co., Ltd.	ALS Lot No.	2640482
Contact Address	Yaowanud Chandung 99 Moo 9, Tambon Khaochetluk, Amphur Thapklor, Phichit Thailand 66230	Date Samples Received	May 21, 2026 01:00 PM
Email	yaowanud@akararesources.com	Issue Date	May 29, 2026 01:10 PM
Telephone	0-5661-4500	Quote number	Q261054
Facsimile	0-5661-4190	Project	CHATREE
		No. of samples received	20
		No. of samples analysed	20

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or client request.

When sampling time information is not provided by client, sampling dates are shown without a time component. In this instances, the time component has been assumed by the laboratory for processing purposes.

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Page : 1 of 4

ALS Lot No. : 2640482
Client : Akara Resources Public Co., Ltd.
Project : CHATREE



Analytical Results

Client sample ID			MS6905678	MS6905679	MS69055994	MS69055997	MS69056081	MS69056082	MS69056647
Client sampling date / time			19-May-26	19-May-26	20-May-26	19-May-26	19-May-26	19-May-26	18-May-26
Compound	LOR	Unit	2640482-1	2640482-2	2640482-3	2640482-4	2640482-5	2640482-6	2640482-7
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	282	368	1440	119	512	1676	448
EA065: Total Hardness									
Total Hardness	1	mg/L	152	176	201	44	367	131	297
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	106	96	319	66	8	152	162
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	106	96	319	66	8	152	162
ED041G: Sulfate									
Sulfate	1.0	mg/L	63.4	95.0	989	8.4	323	1182	140
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	4.7	<1.0	1.3	2.8	<1.0	2.6	1.8
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	30.0	43.3	607	13.4	77.7	275	92.5
Magnesium	0.10	mg/L	18.7	16.5	90.2	2.61	42.2	121	16.0
Potassium	0.10	mg/L	0.34	0.82	5.32	0.77	2.12	3.18	3.27
Sodium	0.10	mg/L	16.0	15.8	48.0	15.4	17.3	189	11.7
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	0.001	<0.001	0.007	<0.001	<0.001	0.002	<0.001
Cobalt	0.001	mg/L	<0.001	0.010	<0.001	<0.001	<0.001	0.003	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	0.05	mg/L	0.22	3.05	<0.05	<0.05	<0.05	0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.38	0.75	1.33	0.10	0.11	2.09	0.72
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN0055: Ionic Balance									
Ionic Balance	---	%	3.17	3.53	22.18	1.33	6.71	9.07	5.56
Total Anions	0.01	mEq/L	3.17	3.53	25.43	1.33	6.71	26.66	5.56
Total Cations	0.01	mEq/L	0.00	0.00	39.92	0.00	0.00	31.98	0.00
EN0104: Turbidity									
Turbidity	0.1	NTU	24	70	21	2.1	5.8	3.9	4.4



Analytical Results

Client sample ID			MS69056648	MS69056651	MS69056652	MS69056653	MS69056654	MS69056655	MS69056666
Client sampling date / time			18-May-26	18-May-26	18-May-26	18-May-26	18-May-26	18-May-26	18-May-26
Compound	LOR	Unit	2640482-8	2640482-9	2640482-10	2640482-11	2640482-12	2640482-13	2640482-14
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	282	472	516	1204	248	133	290
EA065: Total Hardness									
Total Hardness	1	mg/L	179	379	416	94	99	69	150
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	167	197	278	324	71	86	132
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	167	197	278	324	71	86	132
ED041G: Sulfate									
Sulfate	1.0	mg/L	68.7	167	95.3	556	78.3	18.5	23.7
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	1.4	1.0	1.2	7.4	2.3	4.2	3.5
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	53.8	108	118	180	9.09	20.9	47.7
Magnesium	0.10	mg/L	10.9	26.6	29.2	110	18.5	4.11	7.44
Potassium	0.10	mg/L	2.32	4.98	3.77	16.8	4.24	1.80	2.14
Sodium	0.10	mg/L	10.3	11.7	12.4	8.72	27.9	17.5	12.9
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	<0.001	0.001	0.003	0.003	0.002	0.002	0.003
Cobalt	0.001	mg/L	0.002	<0.001	<0.001	<0.001	0.01	0.004	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	<0.05	<0.05	0.51	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.57	0.98	2.11	4.76	1.17	0.76	0.45
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN0055: Ionic Balance									
Ionic Balance	----	%	4.18	6.68	6.54	5.65	2.82	1.91	2.74
Total Anions	0.01	mEq/L	4.18	6.68	6.54	16.85	2.82	1.91	2.74
Total Cations	0.01	mEq/L	0.00	0.00	0.00	18.87	0.00	0.00	0.00
EN0104: Turbidity									
Turbidity	0.1	NTU	90	0.60	17	50	22	2.6	1.3

Senior Manager



Analytical Results

Client sample ID			MS69056864	MS69056860	MS69056863	MS69056859	MS69056856	MS69056855	----
Client sampling date / time			19-May-26	19-May-26	19-May-26	19-May-26	19-May-26	19-May-26	----
Compound	LOR	Unit	2640482-17	2640482-18	2640482-19	2640482-20	2640482-21	2640482-22	----
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	360	378	428	440	748	378	----
EA065: Total Hardness									
Total Hardness	1	mg/L	271	260	323	181	477	223	----
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	278	268	349	213	420	172	----
Carbonate Alkalinity	1	mg/L	20.00	20.00	20.00	20.00	20.00	<1	----
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	----
Phenolphthalein Alkalinity	1	mg/L	10	10	10	10	10	<1	----
Total Alkalinity	1	mg/L	299	288	369	233	440	172	----
ED041G: Sulfate									
Sulfate	1.0	mg/L	5.1	4.2	53.0	120	182	69.1	----
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	1.7	5.0	<1.0	8.8	<1.0	4.4	----
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	80.5	77.6	90.3	50.5	117	67.9	----
Magnesium	0.10	mg/L	17.1	16.2	23.7	13.3	44.9	13.1	----
Potassium	0.10	mg/L	0.60	0.84	0.81	1.35	0.34	1.27	----
Sodium	0.10	mg/L	28.2	44.4	82.3	105	111	24.5	----
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	0.005	0.003	0.005	0.01	<0.001	0.01	----
Cobalt	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	0.004	----
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	----
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	----
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	----
Manganese	0.001	mg/L	0.57	0.30	0.23	0.13	0.16	4.39	----
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	----
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	----
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	----
EN0055: Ionic Balance									
Ionic Balance	----	%	4.71	4.62	6.82	6.17	10.60	4.35	----
Total Anions	0.01	mEq/L	4.71	4.62	6.82	6.17	10.60	4.35	----
Total Cations	0.01	mEq/L	0.00	0.00	0.00	0.00	0.00	0.00	----
EN0104: Turbidity									
Turbidity	0.1	NTU	2.1	17	2.2	3.0	0.70	45	----

Senior Manager

CERTIFICATE OF ANALYSIS

Client Akara Resources Public Co., Ltd.

Contact Yaowanud Chandung

Address 99 Moo 9, Tambon Khaochetluk, Amphur Thapklor, Phichit Thailand 66230

Email yaowanud@akararesources.com

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ALS Lot No. 2640483

Date Samples Received May 22, 2026 12:00 PM

Issue Date Jun 02, 2026 11:23 AM

Quote number Q261054

Project CHATREE

No. of samples received 30

No. of samples analysed 30

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

General Comments

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ALS Lot No. : 2640483
Client : Akara Resources Public Co., Ltd.
Project : CHATREE



Analytical Results

Client sample ID			MS69055991	MS69055992	TSF6905663	TSF6905699	TSF69051991	TSF69051992	TSF69055350
Client sampling date / time			20-May-26	20-May-26	20-May-26	20-May-26	20-May-26	20-May-26	20-May-26
Compound	LOR	Unit	2640483-1	2640483-2	2640483-3	2640483-4	2640483-5	2640483-6	2640483-7
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	89	302	892	1100	784	664	984
EA065: Total Hardness									
Total Hardness	1	mg/L	45	254	870	1413	715	573	878
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	23	228	324	339	430	511	288
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	23	228	324	339	430	511	288
ED041G: Sulfate									
Sulfate	1.0	mg/L	7.7	5.1	405	832	234	126	577
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	3.0	2.6	20.0	15.7	4.7	3.1	8.5
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	16.3	93.8	282	298	202	152	216
Magnesium	0.10	mg/L	1.26	5.08	40.5	160	51.9	62.7	88.9
Potassium	0.10	mg/L	0.29	0.26	2.17	0.78	0.31	2.26	2.55
Sodium	0.10	mg/L	8.42	10.2	34.1	65.8	31.4	83.5	69.1
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	0.003	0.005	0.005
Cobalt	0.001	mg/L	<0.001	0.001	<0.001	<0.001	<0.001	<0.001	0.003
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.17	0.74	1.67	0.002	0.54	0.25	1.50
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN0055: Ionic Balance									
Ionic Balance	---	%	0.68	17.38	14.62	14.81	13.64	19.66	11.67
Total Anions	0.01	mEq/L	0.61	3.91	14.12	22.96	11.96	11.03	16.74
Total Cations	0.01	mEq/L	1.29	5.55	18.96	30.94	15.73	16.42	21.16
EN0104: Turbidity									
Turbidity	0.1	NTU	19	22	5.0	6.3	1.3	1.3	50



Analytical Results

Client sample ID			TSF69055351	TSF69055249	TSF69055634	TSF69055332	TSF69055336	TSF69056691	TSF69055338
Client sampling date / time			20-May-26	20-May-26	20-May-26	20-May-26	20-May-26	20-May-26	20-May-26
Compound	LOR	Unit	2640483-8	2640483-9	2640483-10	2640483-11	2640483-12	2640483-13	2640483-14
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	1585	445	452	720	776	488	436
EA065: Total Hardness									
Total Hardness	1	mg/L	1553	360	350	589	607	344	292
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	86	288	283	91	228	253	187
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	86	288	283	91	228	253	187
ED041G: Sulfate									
Sulfate	1.0	mg/L	1221	37.2	26.8	417	236	93.7	116
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	4.7	5.7	5.0	4.5	3.5	1.6	<1.0
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	307	133	129	141	191	113	95.0
Magnesium	0.10	mg/L	190	7.18	7.33	59.3	29.2	15.7	13.7
Potassium	0.10	mg/L	3.66	0.69	0.70	0.69	0.94	1.44	1.39
Sodium	0.10	mg/L	45.1	13.0	13.2	32.3	30.2	24.0	21.2
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	<0.001	0.003	0.003	0.002	0.006	0.07	0.01
Cobalt	0.001	mg/L	0.005	<0.001	<0.001	0.005	<0.001	<0.001	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	1.65	0.75	0.08	1.01	0.05	1.21	1.16
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN0055: Ionic Balance									
Ionic Balance	----	%	11.07	16.09	17.69	13.71	21.11	13.49	11.27
Total Anions	0.01	mEq/L	26.45	5.64	5.33	10.12	8.64	6.10	5.44
Total Cations	0.01	mEq/L	33.03	7.81	7.62	13.34	13.26	8.01	6.83
EN0104: Turbidity									
Turbidity	0.1	NTU	110	5.6	4.6	75	0.90	110	85

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Analytical Results

Client sample ID			TSF69055339	TSF69056467	TSF69056468	TSF69056472	TSF69056473	TSF69056655	TSF69056656
Client sampling date / time			20-May-26	20-May-26	20-May-26	20-May-26	20-May-26	20-May-26	20-May-26
Compound	LOR	Unit	2640483-15	2640483-16	2640483-17	2640483-18	2640483-19	2640483-20	2640483-21
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	248	752	2635	365	1735	115	30
EA065: Total Hardness									
Total Hardness	1	mg/L	150	743	1517	286	1844	69	8
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	66	334	56	233	13	71	10
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Total Alkalinity	1	mg/L	66	334	56	233	13	71	10
ED041G: Sulfate									
Sulfate	1.0	mg/L	93.8	309	1709	57.2	1308	11.1	3.7
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	<1.0	1.2	48.6	2.2	10.5	<1.0	2.3
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	43.4	245	388	91.1	411	20.4	2.48
Magnesium	0.10	mg/L	10.1	32.5	133	14.1	199	4.31	0.35
Potassium	0.10	mg/L	3.40	1.84	19.9	0.97	1.64	1.58	0.30
Sodium	0.10	mg/L	16.8	29.2	361	20.6	72.3	7.48	7.38
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	0.002	0.002	<0.001	0.005	<0.001	0.002	<0.001
Cobalt	0.001	mg/L	0.004	<0.001	0.07	0.001	<0.001	0.004	<0.001
Copper	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	0.63	1.33	13.1	0.45	0.43	0.52	0.06
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN0055: Ionic Balance									
Ionic Balance	----	%	12.19	15.67	11.26	13.59	19.16	0.34	0.17
Total Anions	0.01	mEq/L	2.99	11.81	37.13	5.04	27.18	1.40	0.31
Total Cations	0.01	mEq/L	3.82	16.20	46.55	6.63	40.06	1.74	0.48
EN0104: Turbidity									
Turbidity	0.1	NTU	55	1.4	0.80	25	7.8	26	1.0

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Analytical Results

Client sample ID			TSF69056657	TSF69056658	TSF69056659	TSF69056660	TSF69056661	TSF69056662	TSF69056663
Client sampling date / time			20-May-26	20-May-26	20-May-26	20-May-26	20-May-26	20-May-26	20-May-26
Compound	LOR	Unit	2640483-22	2640483-23	2640483-24	2640483-25	2640483-26	2640483-27	2640483-28
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	470	736	440	365	368	140	162
EA065: Total Hardness									
Total Hardness	1	mg/L	265	687	333	245	254	29	121
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	223	15	283	213	263	111	111
Carbonate Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	20.00
Hydroxide Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	<1
Phenolphthalein Alkalinity	1	mg/L	<1	<1	<1	<1	<1	<1	10
Total Alkalinity	1	mg/L	223	15	283	213	263	111	132
ED041G: Sulfate									
Sulfate	1.0	mg/L	32.0	505	77.1	29.1	4.6	5.2	4.0
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	1.4	7.1	2.5	2.1	5.6	4.2	4.1
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	90.3	184	109	84.6	88.2	9.45	37.9
Magnesium	0.10	mg/L	9.48	47.5	15.0	8.30	8.13	1.28	6.41
Potassium	0.10	mg/L	2.56	6.60	1.02	0.80	0.61	0.85	1.73
Sodium	0.10	mg/L	15.8	36.8	38.5	17.8	22.2	45.8	13.3
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	<0.001	<0.001	0.006	0.003	0.008	<0.001	<0.001
Cobalt	0.001	mg/L	0.002	0.03	<0.001	<0.001	<0.001	<0.001	0.001
Copper	0.001	mg/L	<0.001	0.009	<0.001	<0.001	<0.001	<0.001	<0.001
Iron	0.05	mg/L	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
Lead	0.001	mg/L	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Manganese	0.001	mg/L	1.68	3.92	0.17	0.26	0.34	0.15	0.37
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002	<0.002
EN0055: Ionic Balance									
Ionic Balance	----	%	16.37	16.11	14.16	15.89	14.02	0.55	20.15
Total Anions	0.01	mEq/L	4.34	10.75	6.29	4.14	4.56	2.05	2.02
Total Cations	0.01	mEq/L	6.04	14.88	8.36	5.70	6.05	2.59	3.04
EN0104: Turbidity									
Turbidity	0.1	NTU	1.9	2.7	2.3	0.55	7.0	5.0	15



Senior Manager



Analytical Results

Client sample ID			TSF69056664	6905DC2	----	----	----	----	----
Client sampling date / time			20-May-26	21-May-26	----	----	----	----	----
Compound	LOR	Unit	2640483-29	2640483-30	----	----	----	----	----
EA015: Total Dissolved Solids									
Total Dissolved solids	5	mg/L	255	----	----	----	----	----	----
EA065: Total Hardness									
Total Hardness	1	mg/L	129	----	----	----	----	----	----
ED037P: Alkalinity									
Bicarbonate Alkalinity	1	mg/L	121	----	----	----	----	----	----
Carbonate Alkalinity	1	mg/L	20.00	----	----	----	----	----	----
Hydroxide Alkalinity	1	mg/L	<1	----	----	----	----	----	----
Phenolphthalein Alkalinity	1	mg/L	10	----	----	----	----	----	----
Total Alkalinity	1	mg/L	142	----	----	----	----	----	----
ED041G: Sulfate									
Sulfate	1.0	mg/L	5.1	----	----	----	----	----	----
ED045G: Chloride Discrete analyzer									
Chloride	1.0	mg/L	<1.0	----	----	----	----	----	----
ED093F: Dissolved Major Cations (GW & SW Dissolved)									
Calcium	0.10	mg/L	38.5	----	----	----	----	----	----
Magnesium	0.10	mg/L	8.01	----	----	----	----	----	----
Potassium	0.10	mg/L	2.03	----	----	----	----	----	----
Sodium	0.10	mg/L	13.7	----	----	----	----	----	----
EG020F: Dissolved Metals by ICP-MS (GW-Dissolved)									
Arsenic	0.001	mg/L	<0.001	----	----	----	----	----	----
Cobalt	0.001	mg/L	0.003	----	----	----	----	----	----
Copper	0.001	mg/L	<0.001	----	----	----	----	----	----
Iron	0.05	mg/L	<0.05	----	----	----	----	----	----
Lead	0.001	mg/L	<0.001	----	----	----	----	----	----
Manganese	0.001	mg/L	0.47	----	----	----	----	----	----
EG035F: Dissolved Mercury by CVAFS (GW-Dissolved)									
Mercury	0.0001	mg/L	<0.0001	----	----	----	----	----	----
EK025G: Cyanide Discrete analyzer									
Cyanide	0.002	mg/L	<0.002	1.293	----	----	----	----	----
EK025G-1: Cyanide WAD Discrete analyzer									
Weak Acid Dissociable Cyanide	0.002	mg/L	<0.002	1.282	----	----	----	----	----
EN0055: Ionic Balance									
Ionic Balance	----	%	21.26	----	----	----	----	----	----
Total Anions	0.01	mEq/L	2.09	----	----	----	----	----	----
Total Cations	0.01	mEq/L	3.23	----	----	----	----	----	----
EN0104: Turbidity									
Turbidity	0.1	NTU	23	----	----	----	----	----	----



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