



VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283

EPA Website Link: [Vickery Coal Mine - Environmental Protection Licence](#)

Licensee: Vickery Coal Pty Ltd

Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382

EPL Monitoring Points: See Figure 1 below

Sampling Period: January 2026

Obtained Date: 3/02/2026

Publication Date: 13/02/2026


Name	Role	Signature	Date
Megan Martin	Environmental Superintendent		12/2/26

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
16	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
17	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
18	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
19	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4 VCM Operational Noise Monitoring Results Leq(15min) – 22 January 2026 (Day)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	5:07 pm	35	23	40	1.7 / 187	C	Birds (35), VCM (23)	No
N-AT2 / 8	12:35 pm	37	<20	40	1.3 / 187	A	Traffic (37), Insects (26), VCM (IA)	No

Table 5 VCM Operational Noise Monitoring Results Leq(15min) – 22 January 2026 (Evening)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	8:36 pm	31	<20	35	1.9 / 65	E	Insects (29), Wind (24), VCM (IA)	No
N-AT2 / 8	9:41 pm	43	<20	37	2.2 / 59	D	Traffic (40), insects (40), VCM (IA)	No

Table 6
VCM Operational Noise Monitoring Results Leq(15min) – 22 January 2026 (Night)

Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:33 pm	41	<20	40*	3.5 / 25	E	Insects (40), wind (32), VCM (IA)	No
N-AT2 / 8	11:32 pm	46	<20	42*	3.3 / 9	E	Insects (46), Traffic (35), VCM (IA)	No

* Criterion increased by 5 dB due to meteorological conditions per Section 2.3.

Table 7
VCM Operational Noise Monitoring Results LA_{max} – 22 January 2026

Location	Time	dB(A), LA _{max}	VCM Contribution dB(A), LA _{max}	Criterion dB(A), LA _{max}	Wind speed (m/s),dir	Stability Class	LA _{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:33 pm	44	<20	52	3.5 / 25	E	Insects	No
N-AT2 / 8	11:32 pm	48	<20	52	3.3 / 9	E	Insects	No

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	Blast Noise	dB (Lin Peak)	Every Blast	4	103.5	105.6	133	Nil	29/1/26
	Blast Vibration	mm/s	Every Blast	4	1.23	2.00	10	Nil	21/1/26

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	Blast Noise	dB (Lin Peak)	Every Blast	4	106.55	108.10	N/A	Nil	16/1/26
	Blast Vibration	mm/s	Every Blast	4	2.57	4.20	80	Nil	21/1/26

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	Blast Noise	dB (Lin Peak)	Every Blast	4	98.33	101.7	120	Nil	29/1/26
	Blast Vibration	mm/s	Every Blast	4	0.60	1.03	10	Nil	21/1/26

Table 6- PM1 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	6.5	14.5	25.7
PM2.5 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	2.7	5.4	7.9

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	7.0	14.6	26.8
PM2.5 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	2.8	7.1	10.9

Figure 1 – EPL 21283 Monitoring Locations



**Vickery Coal Mine
EPL Monitoring Locations**

Date: Sept 2023
MGA Zone 56
Scale: 1:68,000
Author: A. Quiroz





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Site Information

EPL No: 21283

EPA Website Link: [Vickery Coal Mine - Environmental Protection Licence](#)

Licensee: Vickery Coal Pty Ltd

Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382

EPL Monitoring Points: See Figure 1 below

Sampling Period: February 2026

Obtained Date: 17/03/2026

Publication Date: 18/03/2026

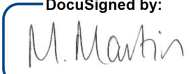
Name	Role	Signature	Date
Megan Martin	Environmental Superintendent	 DocuSigned by: M. Martin 524GD8D3818B4C3...	20 March 2026

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
16	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
17	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
18	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
19	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4								
VCM Operational Noise Monitoring Results Leq(15min) – 18 February 2026 (Day)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	5:42 pm	34	<20	40	2.4 / 308	D	Birds (33), traffic (25), VCM (IA)	No
N-AT2 / 8	4:47 pm	37	<20	40	2.5 / 307	D	Insects (35), Traffic (31), VCM (IA)	No
Table 5								
VCM Operational Noise Monitoring Results Leq(15min) – 18 February 2026 (Evening)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	6:00 pm	30	<20	35	2.5 / 311	D	Birds (28), Wind (24), VCM (IA)	No
N-AT2 / 8	7:01 pm	44	<20	37	2.7 / 344	D	Birds (41), traffic (40), VCM (IA)	No

Table 6								
VCM Operational Noise Monitoring Results Leq(15min) – 18 February 2026 (Night)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:04 pm	46	<20	35	2.3 / 3	E	Insects (46), cattle (27), VCM (IA)	No
N-AT2 / 8	10:55 pm	40	<20	37	2.7 / 351	D	Traffic (38), Insects (35), VCM (IA)	No
Table 7								
VCM Operational Noise Monitoring Results LA _{max} – 18 February 2026								
Location	Time	dB(A), LA _{max}	VCM Contribution dB(A), LA _{max}	Criterion dB(A), LA _{max}	Wind speed (m/s),dir	Stability Class	LA _{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:04 pm	55	<20	52	2.3 / 3	E	Insects	No
N-AT2 / 8	10:55 pm	52	<20	52	2.7 / 351	D	Traffic	No

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	Blast Noise	dB (Lin Peak)	Every Blast	4	102.8	107.60	133	Nil	23/02/2026
	Blast Vibration	mm/s	Every Blast	4	0.80	1.35	10	Nil	5/02/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	Blast Noise	dB (Lin Peak)	Every Blast	4	104.13	110.10	N/A	N/A	23/02/2026
	Blast Vibration	mm/s	Every Blast	4	1.78	3.28	80	N/A	5/02/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	Blast Noise	dB (Lin Peak)	Every Blast	4	94.88	100.30	120	N/A	23/02/2026
	Blast Vibration	mm/s	Every Blast	4	0.63	0.84	10	N/A	23/02/2026

Table 6- PM1 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	3.1	13.5	31.1
PM2.5 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	0.3	4.9	11.2

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	6.3	12.9	23.7
PM2.5 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	1.4	5.7	12.3

Figure 1 – EPL 21283 Monitoring Locations



EPL Monitoring Locations

● Attened Noise	● TEOM
● Blast Monitor	□ Approved Disturbance Area
● Groundwater	— Mining Lease
● Meteorological	
● Surface Water	



**Vickery Coal Mine
EPL Monitoring Locations**

Date: Sept 2023
MGA Zone 56
Scale: 1:68,000
Author: A. Quiroz





VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283

EPA Website Link: [Vickery Coal Mine - Environmental Protection Licence](#)

Licensee: Vickery Coal Pty Ltd

Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382

EPL Monitoring Points: See Figure 1 below

Sampling Period: March 2026

Obtained Date: 20/04/2026

Publication Date: 21/04/2026

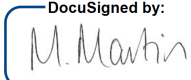
Name	Role	Signature	Date
Megan Martin	Environmental Superintendent	 <small>DocuSigned by: M. Martin 524CD8D3818B4C3...</small>	21/04/2026

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	0	-	-	-	-	-	-	Creek not flowing
	Conductivity	µS/cm			-	-	-	-	-	-	
	Oil & Grease	mg/L			-	-	-	-	-	-	
	pH	pH			-	-	-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	0	-	-	-	-	-	-	Creek not flowing
	Conductivity	µS/cm			-	-	-	-	-	-	
	Oil & Grease	mg/L			-	-	-	-	-	-	
	pH	pH			-	-	-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	1	17/03/2026	25/03/2026	-	-	-	47	-
	Conductivity	µS/cm					-	-	-	428	
	Oil & Grease	mg/L					-	-	-	<5	
	pH	pH					-	-	-	8	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	-
	Conductivity	µS/cm		-	-	-	-	-	-	-	
	Oil & Grease	mg/L		-	-	-	-	-	-	-	
	pH	pH		-	-	-	-	-	-	-	

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
16	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
17	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-
18	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
19	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L		-	-	-	-	-	-	-
	pH	pH		-	-	-	-	-	-	-
	Standing Water Level	metres		-	-	-	-	-	-	-

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4								
VCM Operational Noise Monitoring Results Leq(15min) – 30 March 2026 (Day)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	4:16 pm	37	<20	40	2.7 / 133	C	Insects (35), Birds (33), VCM (IA)	No
N-AT2 / 8	5:14 pm	41	<20	40	2.1 / 136	B	Traffic (40), wind (32), VCM (IA)	No
Table 5								
VCM Operational Noise Monitoring Results Leq(15min) – 30 March 2026 (Evening)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	9:10 pm	38	<20	35	2.9 / 140	D	Insects (37), VCM (28)	No
N-AT2 / 8	8:16 pm	42	<20	37	2.4 / 135	D	Traffic (40), insects (38), VCM (IA)	No

Table 6								
VCM Operational Noise Monitoring Results Leq(15min) – 30 March 2026 (Night)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:05 pm	39	<20	40*	3.8 / 146	D	Insects (37), wind (34), VCM (29)	No
N-AT2 / 8	11:00 pm	36	<20	42*	3.8 / 147	E	Traffic (35), Insects (25), VCM (1A)	No
Table 7								
VCM Operational Noise Monitoring Results LA _{max} – 30 March 2026								
Location	Time	dB(A), LA _{max}	VCM Contribution dB(A), LA _{max}	Criterion dB(A), LA _{max}	Wind speed (m/s),dir	Stability Class	LA _{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:05 pm	52	31	52	3.8 / 146	D	Bird	No
N-AT2 / 8	11:00 pm	53	<20	52	3.8 / 147	E	Traffic	No

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	Blast Noise	dB (Lin Peak)	Every Blast	4	100.4	106.70	133	Nil	13/03/2026
	Blast Vibration	mm/s	Every Blast	4	1.24	1.72	10	Nil	13/03/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	Blast Noise	dB (Lin Peak)	Every Blast	4	103.13	107.80	N/A	N/A	31/03/2026
	Blast Vibration	mm/s	Every Blast	4	3.51	5.04	80	N/A	13/03/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	Blast Noise	dB (Lin Peak)	Every Blast	4	94.70	105.20	120	N/A	13/03/2026
	Blast Vibration	mm/s	Every Blast	4	0.81	1.11	10	N/A	13/03/2026

Table 6- PM1 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	4.4	13	35.8
PM2.5 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	1.3	3.7	7.9

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	4.2	14.4	33
PM2.5 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	1.3	6.8	23.1

Figure 1 – EPL 21283 Monitoring Locations



EPL Monitoring Locations

● Attened Noise	● TEOM
● Blast Monitor	□ Approved Disturbance Area
● Groundwater	— Mining Lease
● Meteorological	
● Surface Water	



**Vickery Coal Mine
EPL Monitoring Locations**

Date: Sept 2023
MGA Zone 56
Scale: 1:68,000
Author: A. Quiroz





VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283

EPA Website Link: [Vickery Coal Mine - Environmental Protection Licence](#)

Licensee: Vickery Coal Pty Ltd

Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382

EPL Monitoring Points: See Figure 1 below

Sampling Period: April 2026

Obtained Date: 19/05/2026

Publication Date: 27/05/2026

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	1	07/04/2026	23/04/2026	-	-	-	5500
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	7.71
	Standing Water Level	metres					-	-	-	6.75
16	Conductivity	µS/cm	Six Monthly (April & Oct)	1	07/04/2026	23/04/2026	-	-	-	2560
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	7.64
	Standing Water Level	metres					-	-	-	7.91
17	Conductivity	µS/cm	Six Monthly (April & Oct)	1	01/04/2026	23/04/2026	-	-	-	3560
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	7.99
	Standing Water Level	metres					-	-	-	8.47
18	Conductivity	µS/cm	Six Monthly (April & Oct)	1	01/04/2026	23/04/2026	-	-	-	2060
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	7.65
	Standing Water Level	metres					-	-	-	7.94
19	Conductivity	µS/cm	Six Monthly (April & Oct)	1	08/04/2026	23/04/2026	-	-	-	4520
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	6.5
	Standing Water Level	metres					-	-	-	16.39

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
22	Conductivity	µS/cm	Six Monthly (April & Oct)	1	08/04/2026	23/04/2026	-	-	-	24600
	Lead	mg/L					-	-	-	< 0.001
	pH	pH					-	-	-	7.34
	Standing Water Level	metres					-	-	-	12.38

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4								
VCM Operational Noise Monitoring Results Leq(15min) – 21 April 2026 (Day)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	4:58 pm	40	<20	45*	6.4 / 158	D	Birds (40), dog (30), VCM (IA)	No
N-AT2 / 8	5:49 pm	45	<20	40	5.9 / 172	D	Traffic (44), wind (35), VCM (IA)	No
Table 5								
VCM Operational Noise Monitoring Results Leq(15min) – 21/22* April 2026 (Evening)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	8:24 pm	43	<25	40#	4.7 / 140	D	Wind (42), traffic (31), VCM (<25)	No
N-AT2 / 8	9:32 pm	39	<20	42#	4.7 / 136	D	Traffic (37), wind (32), VCM (IA)	No

Table 6								
VCM Operational Noise Monitoring Results Leq(15min) – 22 April 2026 (Night)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	11:04 pm	35	22	40*	3.9 / 129	E	Wind (33), traffic (28), VCM (22)	No
N-AT2 / 8	10:01 pm	39	<20	42*	4.8 / 138	D	Insects (37), traffic (33), VCM (IA)	No

Table 7								
VCM Operational Noise Monitoring Results LA _{max} – 22 April 2026								
Location	Time	dB(A), LA _{max}	VCM Contribution dB(A), LA _{max}	Criterion dB(A), LA _{max}	Wind speed (m/s),dir	Stability Class	LA _{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	11:04 pm	56	<30	52	3.9 / 129	E	Bird	No
N-AT2 / 8	10:01 pm	57	<20	52	4.8 / 138	D	Insects	No

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	Blast Noise	dB (Lin Peak)	Every Blast	5	103.1	109.20	133	Nil	30/04/2026
	Blast Vibration	mm/s	Every Blast	5	0.80	1.27	10	Nil	13/04/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	Blast Noise	dB (Lin Peak)	Every Blast	5	104.90	114.00	N/A	N/A	30/04/2026
	Blast Vibration	mm/s	Every Blast	5	2.76	4.03	80	N/A	15/04/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	Blast Noise	dB (Lin Peak)	Every Blast	5	95.16	100.80	120	N/A	30/04/2026
	Blast Vibration	mm/s	Every Blast	5	0.45	0.78	10	N/A	13/04/2026

Table 6- PM1 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	6	17	47.3
47.3PM2.5 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	0.9	4.2	7

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	7.1	16.8	36.2
PM2.5 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	1.2	5.5	9.5

Figure 1 – EPL 21283 Monitoring Locations



**Vickery Coal Mine
EPL Monitoring Locations**

Date: Sept 2023
MGA Zone 56
Scale: 1:68,000
Author: A. Quiroz





VICKERY COAL MINE – MONTHLY MONITORING SUMMARY

Site Information

EPL No: 21283

EPA Website Link: [Vickery Coal Mine - Environmental Protection Licence](#)

Licensee: Vickery Coal Pty Ltd

Licensee Address: Vickery Coal Mine, Blue Vale Road, BOGGABRI NSW 2382

EPL Monitoring Points: See Figure 1 below

Sampling Period: May 2026

Obtained Date: 19/06/2026

Publication Date: 19/06/2026

Table 1: Surface Water – No Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value	Comment/s
2	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
3	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
9	TSS	mg/L	Quarterly (Mar, Jun, Sep & Dec)	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	
10	TSS	mg/L	Upon discharge	-	-	-	-	-	-	-	-
	Conductivity	µS/cm					-	-	-	-	
	Oil & Grease	mg/L					-	-	-	-	
	pH	pH					-	-	-	-	

Table 2: Surface Water - Pollutant Limits Apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Month	Date Sampled	Date of Max. Value Obtained	Min Value	Max or Only Value	100%ile Limit	Exceed -ance (Yes/ No)	Comment/s
14	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
20	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm							NA		
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	
21	TSS	mg/L	Upon discharge	-	-	-	-	-	50	-	-
	Conductivity	µS/cm		-	-	-	-	-	NA	-	
	Oil & Grease	mg/L		-	-	-	-	-	10	-	
	pH	pH		-	-	-	-	-	8.5	-	

Table 3: Groundwater – No Limits apply

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
15	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
16	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
17	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
18	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-
19	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-

EPL ID	Pollutant	Units of Measure	Monitoring Frequency	No. of Samples for the Period	Date Sampled	Date of Max. Value Obtained	Min Value	Mean Value	Median Value	Max or Only Value
22	Conductivity	µS/cm	Six Monthly (April & Oct)	-	-	-	-	-	-	-
	Lead	mg/L					-	-	-	-
	pH	pH					-	-	-	-
	Standing Water Level	metres					-	-	-	-

Table 4 – Monthly Attended Noise Monitoring

(Noise Limits Apply - 40dB LAeq(15min) -Day, 37dB LAeq(15min) Evening and Night; 52dB LA1(1min) -Night)

Table 4								
VCM Operational Noise Monitoring Results Leq(15min) – 20 May 2026 (Day)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	1:34 pm	46	<20	45*	3.6 / 217	C	Wind (43), Birds (43), VCM (IA)	No
N-AT2 / 8	2:32 pm	44	<20	45*	3.8 / 261	A	Wind (42), Traffic (40), VCM (IA)	No
Table 5								
VCM Operational Noise Monitoring Results Leq(15min) – 20 May 2026 (Evening)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	9:25 pm	34	23	35	1.2 / 123	F	Traffic (33), Wind (25), VCM (23)	No
N-AT2 / 8	8:31 pm	43	<20	37	1.1 / 102	F	Traffic (42), wind (33), VCM (IA)	No

Table 6								
VCM Operational Noise Monitoring Results Leq(15min) – 20 May 2026 (Night)								
Location	Time	dB(A), Leq	VCM Contribution dB(A),Leq	Criterion dB(A),Leq	Wind speed (m/s),dir	Stability Class	Identified Noise Sources dB(A),Leq	Exceedance (Yes/No)
N-AT1 / 7	10:02 pm	31	22	35	1.3 / 185	E	Wind (28), traffic (26), VCM (22)	No
N-AT2 / 8	10:54 pm	32	<20	37	0.4 / 45	F	Traffic (32), VCM (IA)	No

Table 7								
VCM Operational Noise Monitoring Results LA _{max} – 20 May 2026								
Location	Time	dB(A), LA _{max}	VCM Contribution dB(A), LA _{max}	Criterion dB(A), LA _{max}	Wind speed (m/s),dir	Stability Class	LA _{max} Noise Source	Exceedance (Yes/No)
N-AT1 / 7	10:02 pm	56	35	52	1.3 / 185	E	Bird	No
N-AT2 / 8	10:54 pm	52	<20	52	0.4 / 45	F	car	No

Table 5 – Monthly Monitoring (Blasts – Limits Apply)

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-01	Blast Noise	dB (Lin Peak)	Every Blast	4	101.40	110.20	133	Nil	11/05/2026
	Blast Vibration	mm/s	Every Blast	4	0.67	1.22	10	Nil	6/05/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-02	Blast Noise	dB (Lin Peak)	Every Blast	4	105.18	113.00	N/A	N/A	11/05/2026
	Blast Vibration	mm/s	Every Blast	4	2.80	5.22	80	N/A	11/05/2026

Location	Parameter	Units of Measure	Frequency	No. of Blasts for the Month	Average Value	Max Value	100%ile Limit	(Potential) Non-compliance /breach	Date of Max. Value Obtained
B-03	Blast Noise	dB (Lin Peak)	Every Blast	4	100.03	108.40	120	N/A	22/05/2026
	Blast Vibration	mm/s	Every Blast	4	0.57	0.92	10	N/A	11/05/2026

Table 6- PM1 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	2.2	7	29.3
47.3PM2.5 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	1.5	2.7	6.7

Table 7- PM2 Monthly Monitoring (Limits apply)

Location	No. of samples required by licence	Lowest sample value	Mean of sample	Highest sample value
PM10 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	2.7	13	68.7*
PM2.5 TEOM ($\mu\text{g}/\text{m}^3$)	Continuous	2.1	5.2	11.4

* Exceedance attributed to agricultural activities occurring across the property.

Figure 1 – EPL 21283 Monitoring Locations



EPL Monitoring Locations

● Atended Noise	● TEOM
● Blast Monitor	□ Approved Disturbance Area
● Groundwater	— Mining Lease
● Meteorological	
● Surface Water	



**Vickery Coal Mine
EPL Monitoring Locations**

Date: Sept 2023
MGA Zone 56
Scale: 1:68,000
Author: A. Quiroz

