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1.5		3
1.6		3
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“ ǎ 𐍂 ” O 𐍂 𐍂 XQ-D1-18-01 𐍂 𐍂

N21.546045Á E110.926473Á 𐍂 O 𐍂

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1 ŕ Ġ 2015 1 1

2 ŕ Ġ Ĵ 2018.12.29

3 ŕ Ġ 2018.12.29

4 ŕ Ġ 2018.1

5 ŕ Ġ 2022 6 5

6 ŕ Ġ 2020 4 29

7 ƒ ŕ Ů Ĵ ⅞ ƒ Ů [2015]17~ 2015 4

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8 ƒ ŕ Ů Ĵ ⅞ ƒ Ů [2016]31~ 2016

5 28

9 ŕ O 2021

10 Ĵ ǎ W 4~ 2019 1 1

11 W 42~ 2016 12 31

12 W 3~ 2018 5 3

1.3.2

4			NX/T395-2012
5			HJ/T166-2004
6			HJ/T164-2004
7			DD2008-1
8	غ		HJ/T91-2002
9	ج	غ	(HJ493-2009)
10			GB/T14848-2017
11			GB36600-2018
12			GB15618-2018

1.4

	↓	HJ25.1-2014	غ		↓	HJ25.2-
2014		ﬀ	و غ		ج	ج
غ			1.4-1			

1.5

	“	ﻻ ﻻ	”			
	“	ﻻ ﻻ	”	ﺫ	ﭖ	غ
				ﺫ		
		1.5-1				
	ﻻ	ﻻ	ﻻ	1km		
		ﻻ ﻻ		ﻻ	ﻻ	غ
	ﻻ			1200.05hm²		

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	غ		
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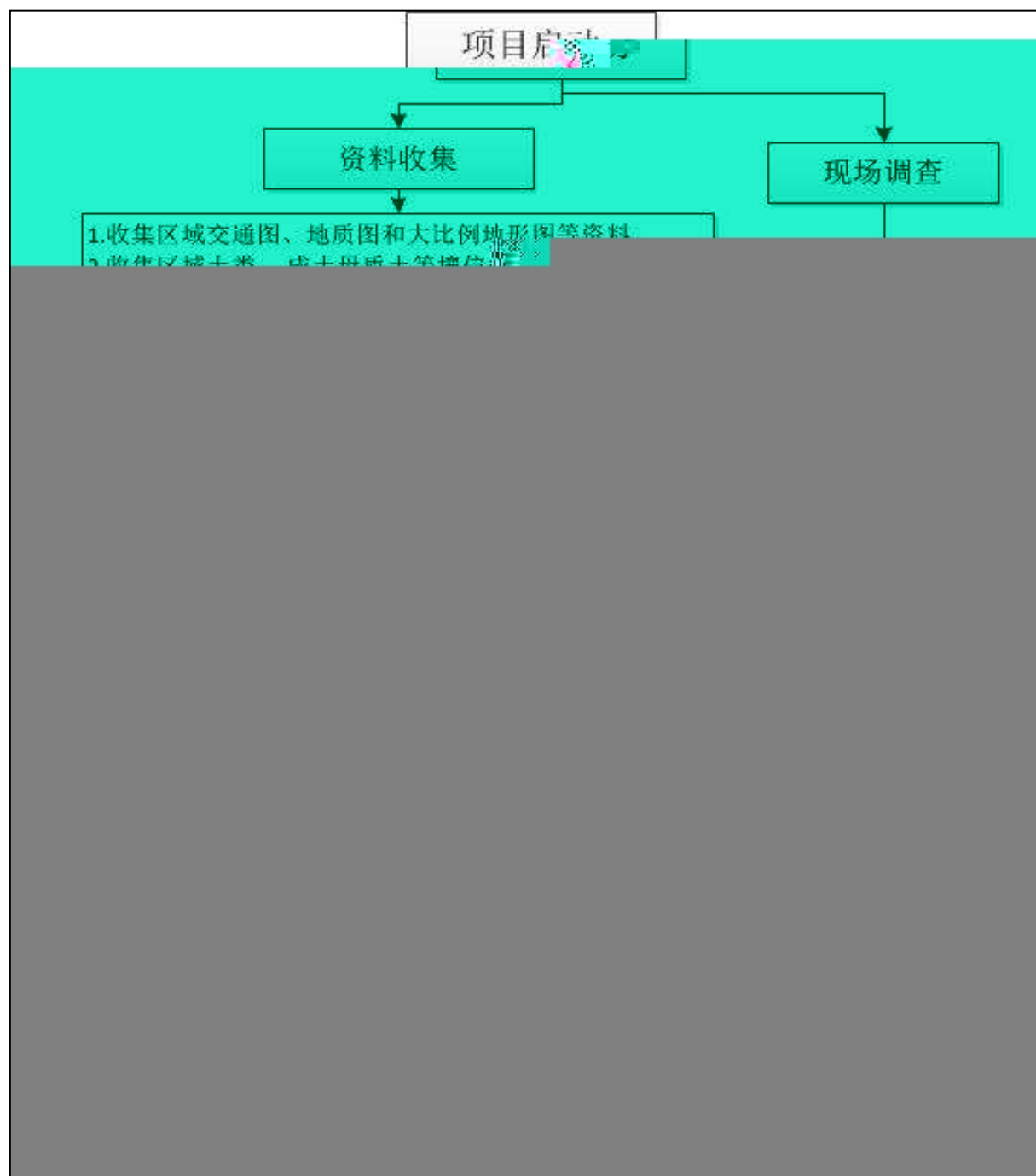
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资料收集

现场调查

1.收集区域交通图、地质图和大比例地形图等资料。

5. 散佈反掘土米 散土母所土筆撞片

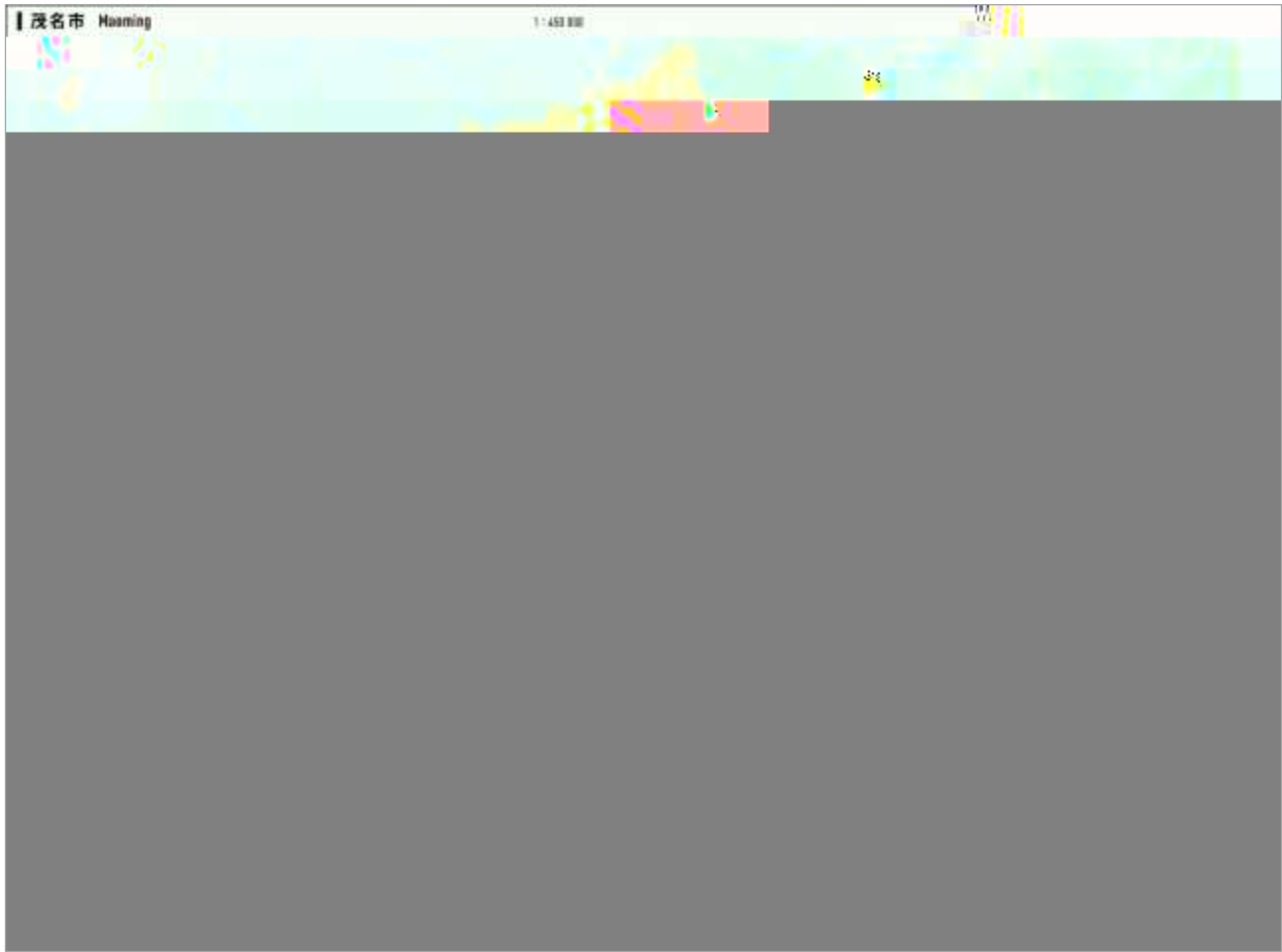


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2.1

“ ” O O Ũ
 O N21.546045° E110.926473°

2.1-1



2.1-1

2.2

2.2.1

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	𐤅𐤍	112
2516	37.97	38m³/s
8m³/s		
≠ O	Ū	87km²
21.5km		

2.4

2.4.1 $\mathcal{M}$

2.4.1.1

$$\begin{array}{ccccccc} & \mathcal{M} & \approx & \mathcal{M} & & \overset{\nu}{\mathcal{I}} & \\ & & & \overset{\neq}{\mathcal{I}} & & & \mathcal{E} \\ \cdot & \overset{\neq}{\mathcal{U}} & & & \overset{\neq}{\mathcal{U}} & \neq & \end{array}$$

Cl⁻ HCO³⁻ δ Ca²⁺ Na⁺ ~ 50 150mg/L

2

М М U C

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Ч 4 50m³/d <1L/s 0.0 7.11L /s.km²

Т Й HCO³⁻ δ Na⁺ HCO³⁻ Cl⁻ δ Na⁺ Ч 2 ĭ 5 0m³ L Cl⁻ ĭ 50 r ö

180mg/L

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. + U ĭ C

图 例



2.4-1 M

2.4.1.4

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(Qal)	10.70~21.50m	∕ 1.50~8.80m	∕ ǎ
	Ł		Ł
(Qmc)	16.50~20.80m	∕ 1.50~3.60m	2.64m ∕ ǎ
	Ł		Ł ǎ

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(Qal)	14.80~22.30m	∕ 1.20~8.40m	4.15m	∕ ǎ
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Ł	Ł			
(Qal)	19.10~26.30m	∕ 0.70~4.10m	2.64m	∕ ǎ
	Ł ~			
(Qal)	17.30~27.00m	∕ 2.80~11.20m	6.07m	∕ ǎ
	Ł ğ ~		Ł ȳ	

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(Qel)	24.00~29.20m	∕ 1.10~10.70m	6.00m
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[illegible]

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3 O ǂ O Ũ ǂ ǂ XQ-D1-25
21.544054 ° N 110.929809 ° E
4 50 U Ĩ 50 U
5 429841.1 1800 ǂ
0.42%
6 L 330 24
7920 L ǂ L
7 ǂ 2 ǂ 2 465

3.2 Ĩ

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ǂ ǂ 50 U/

3.3

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3.4.1

↕ HJ 964—2018 A

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3.4-1 3.4-2

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3.4-2 $\vec{0} \quad \vec{0} \quad \vec{1} \quad \vec{0} \quad \neq$

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	/			HCL	
				HCL	

3.4.2

3.4-3 $\neq U$ $\bar{U} \vdash U$ $\bar{U} \quad \bar{U}$

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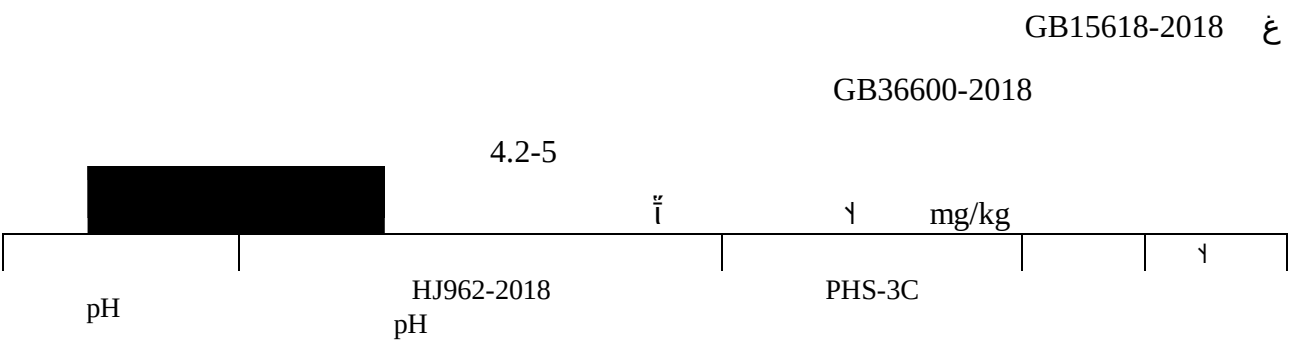
5



4.1-1

4.2

α



№		CAS №			L	
8	.	56-23-5	0.9	2.8	9	36
9		67-66-3	0.3	0.9	5	10
10		74-87-3	12	37	21	120
11	1,1-	75-34-3	3	9	20	100
12	1,2-	107-06-2	0.52	5	6	21
13	1,1-	75-35-4	12	66	40	200
14	-1,2-	156-59-2	66	596	200	2000

4.3-2

γ mg/kg

~						
			pH ≤ 5.5	5.5 pH ≤ 6.5	6.5 pH ≤ 7.5	pH 7.5
1			0.3	0.4	0.6	0.8
			0.3	0.3	0.3	0.6
2			0.5			

		4.4-1				†	mg/kg	pH				
	S01	S02	S03		S04		S05		S06	S07	S08	

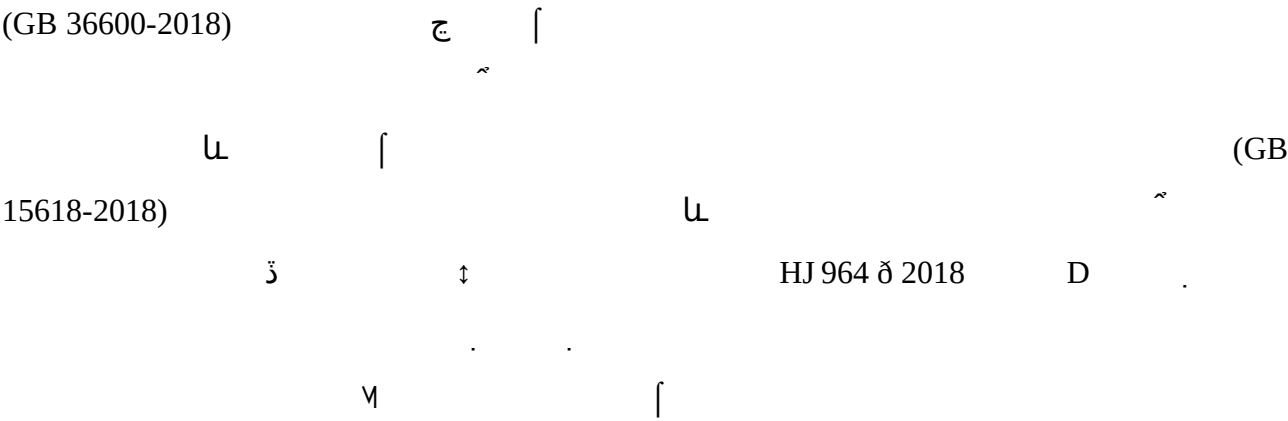
	S01			S02	S03			S04			S05			S06			S07	S08
1,2,3-	/	/	/	/	/	/	/	0.0012L	0.0012L	0.0012L	/	/	/	/	/	/	/	/

4.4-2	μ	μ	mg/kg	pH
	S09	S10	S11	
pH	5.86	5.93	6.08	
	2.04	3.26	2.73	
	0.115	0.195	0.176	
	0.14	0.11	0.10	
	7.1	6.2	33.9	
	13	24	11	
	20	25	25	
	12	15	26	
	45	58	38	

4.5-1

	μ	mg/kg	mg/kg	mg/kg		%	%	
	18	9.71	0.8	3.29	2.39	100	0.00	0.00
	18	0.152	0.062	0.10	0.03	100	0.00	0.00
	18	0.23	0.04	0.08	0.05	100	0.00	0.00
	18	60.5	12.2	29.6	11.35	100	0.00	0.00
	18	15	7	11	2.41	100	0.00	0.00
	18	24	11	18				

4.7



	HJ 84-2016 Cl ⁻	F ⁻			4
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9		00.005	21		00.0001
10		00.3	22	Ů	00.5

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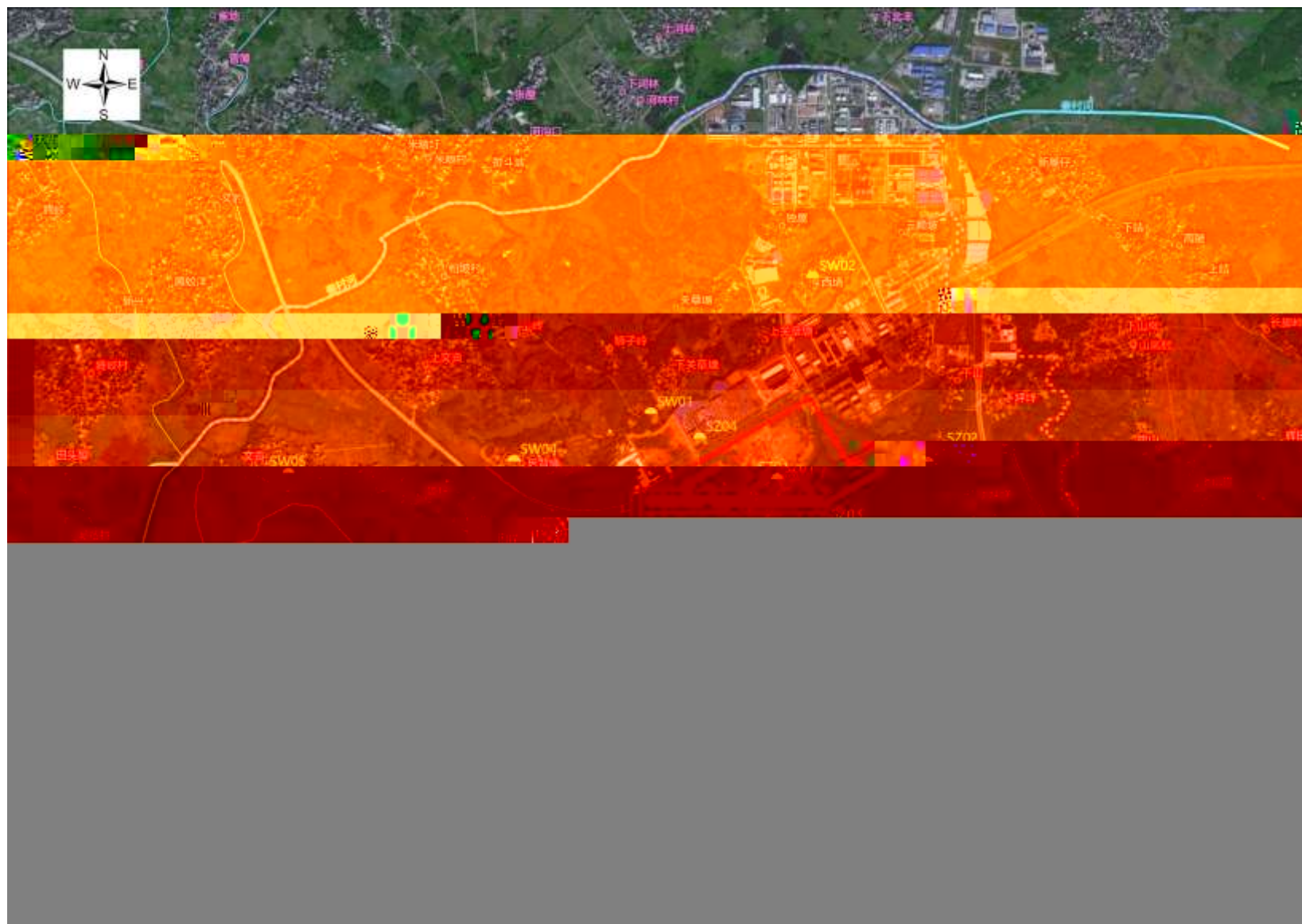
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$P_i \partial \partial \quad i$

$C_i \partial \partial \quad i$



5.7-1											
	SZ01	SZ02	SZ03	SZ04	SZ05	mg/L	mg/L	mg/L		%	%
pH	0.40	0.13	0.20	0.00	0.13	7.20	6.80				

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XQ-D1-18-01

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N21.546045 ° E110.926473 °

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