

**70**

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	.....	1
1	.....	4

2	.....	24
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3	.....	65
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4	.....	69
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5 ..... 79

6 ..... 86

7 ..... 95

**8** ..... **106**

**9** ..... **121**

**10** ..... **125**

**11** ..... **131**



13 ..... 192

14 ..... 200

15 ..... 202

16 ..... 206









2.

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2

3.



**1**

**1.1**

**1.1.1**

**1.1.3**

#### 1.1.4





### **1.1.6**

### **1.1.7**

**1.1.8**

**1.2**

**1.2.1**

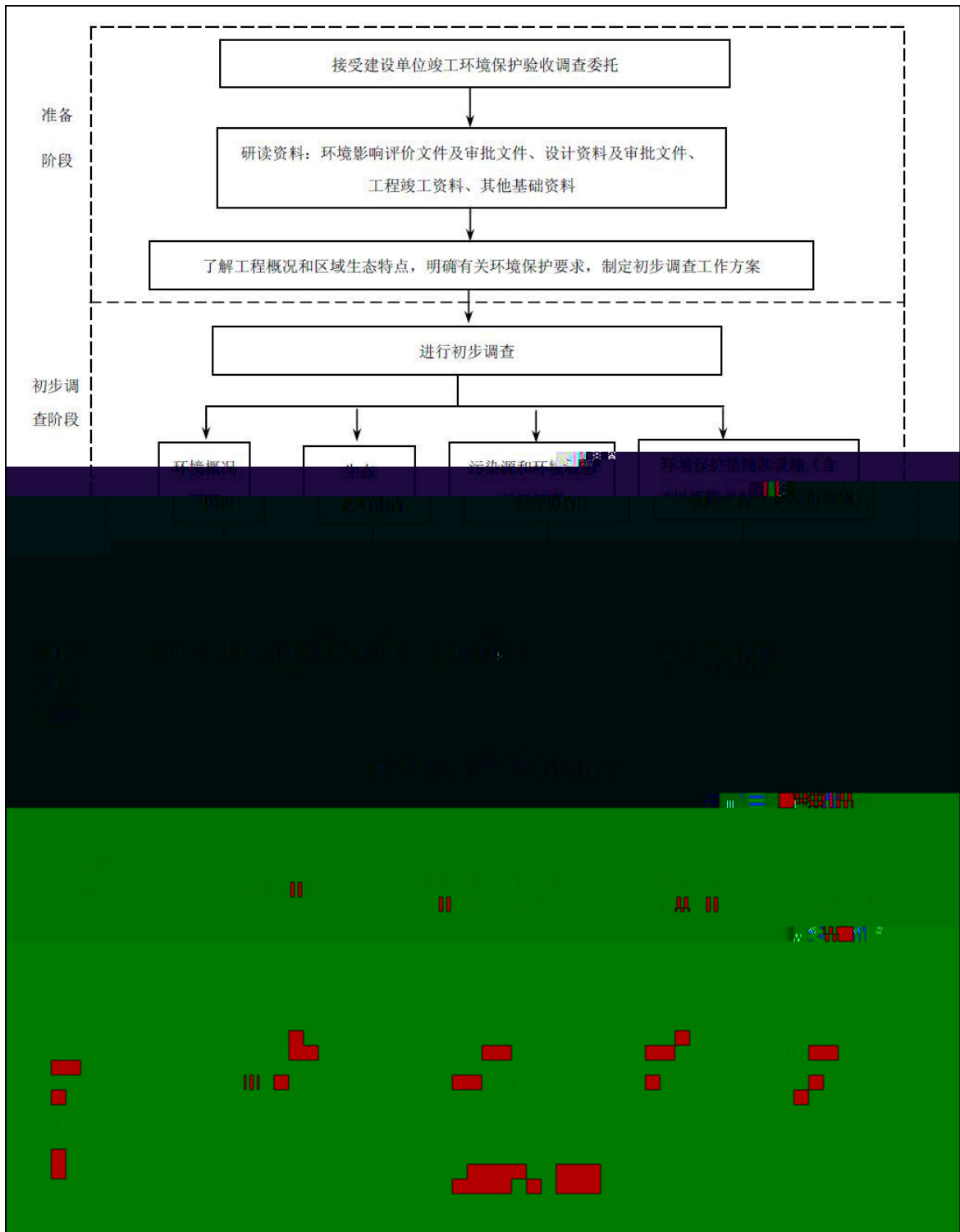
## 1.2.2

## 1.3

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2





1.3-1

## 1.4

### 1.4.1

**1.4.2****1.4-1**



**1.4.3****1.4.3.1****1.4-2**

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1

1.4-3

/ 3

	24	1		


1.4-4

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**1.4-10**

**VOC**

/ 3


**3**

**1.5**

**1.5-1**



**1.6****1.6.1**






1.6-2

			/			

1.6-3



1.6-4

				<b>E3</b>	
				<b>24</b>	/



**2**

**2.1**

**2.1.1**

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**2.1.3**

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**2**

**2.1-2**

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**2.1-3**

		/			

**2.2**

**2.2.1**









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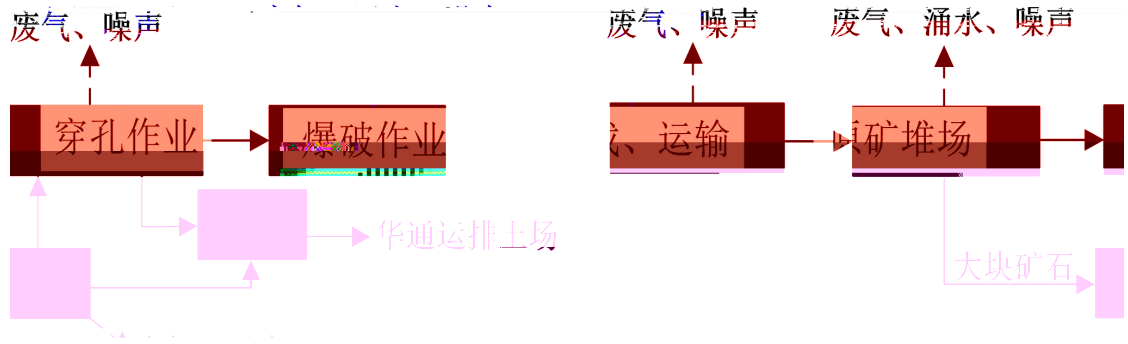
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## 2.2.2

### 2.2.2.1





2.2-1

2.2.2.2



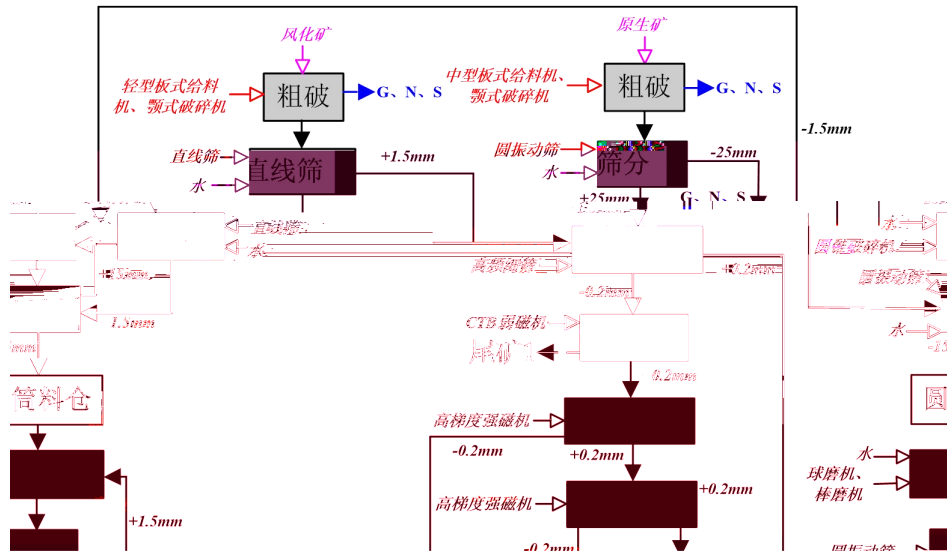

2

## 2.2-4

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			P	REO	P	REO

## 2.2-5

	/	%	%	
			C F <sub>2</sub>	C F <sub>2</sub>



2.2-2

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1

2

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2

**B**

**A**

**B**



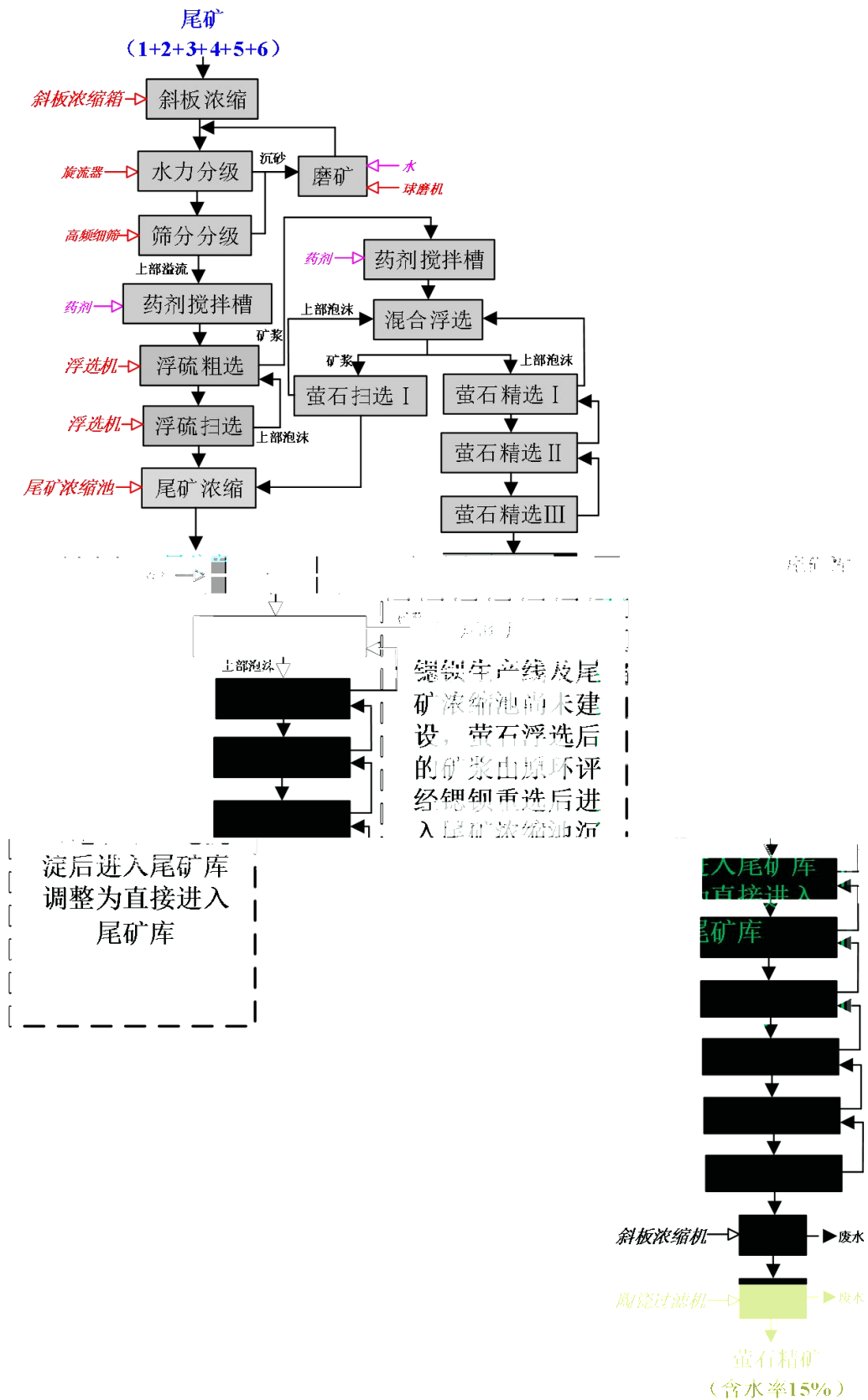
2

1 A

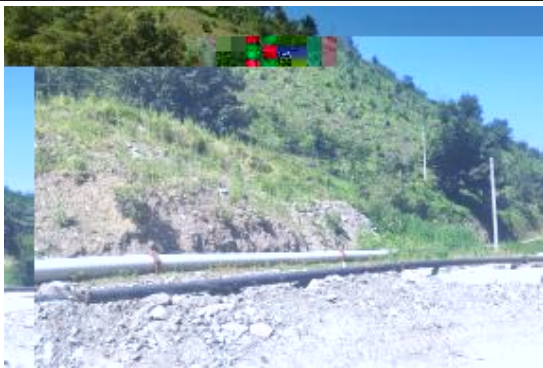
**B**

2 B

3



2.2-4












## 2.2.4

### 2.2.4.1

#### 2.2-5



### 2.2.4.2

#### 2.2-6


**2.2.4**

**2.2.4.1**

2.2.4.2



2.2.4.3

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W.O

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K O B A

D E F G H I J

2.2.4.4

2.2.4.5

2.2.5

## 2.2-7



				<b>45.0</b>	<b>415.5</b>		
				<b>40</b>	<b>45.0</b>		

## 2.3

### 2.3-1



2.3-2


**10%**

**3**

**5**

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**6**

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**2.2%**

**2.35%**

## 2.3-3

			VOC
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10%

A

**2.3-4**



**2.3-5**





9

10

10%

11



## 2.4

**3**

**3.1**









4.1-1



## 4.1-2









**4.2****4.2-1**



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**5**

**5.1**

**5.2**

**5.2.1**

**1**

**2**

**3**

## 5.2.2

## 5.3

### 5.3.1

1

1

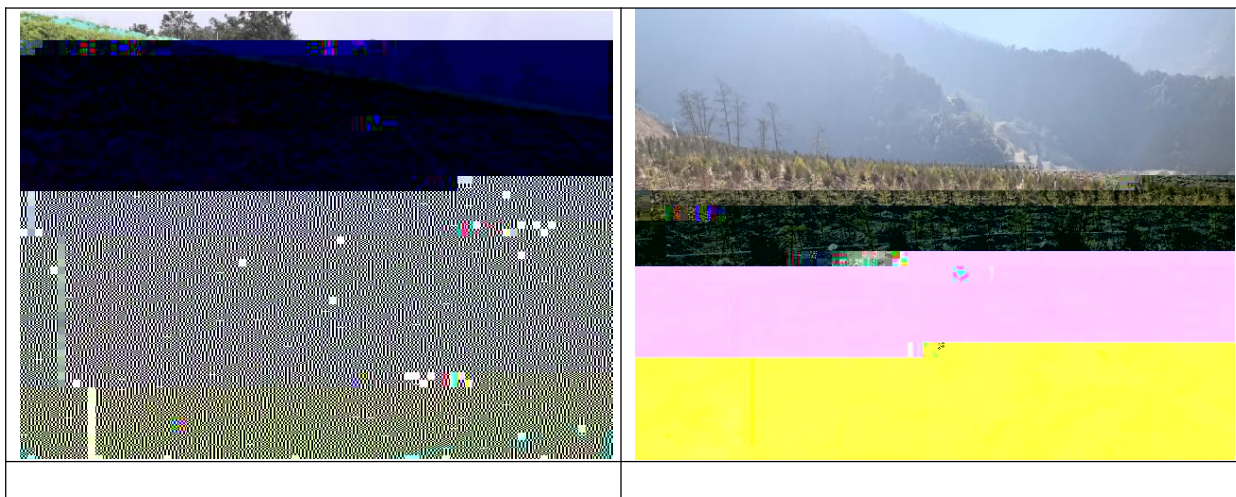


### 5.3.2

### 5.4



### 5.6.1





## 5.7

### 5.7.1



2350

### 5.7.2

### 5.7.3

### 5.8

**6**

**6.1**

**6.1.1**

**1**

**1**

**2**

## 6.1.2

### 6.1.3

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		6.1 H								/L								
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		6.5	8.5	/	/	/	/	/	0.5	250	20	1.0	0.05	1.0	450	1000	0.002	3.0
				/	/	/	/	/										
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		/		/	/	/	/	/					/	2.8			/	

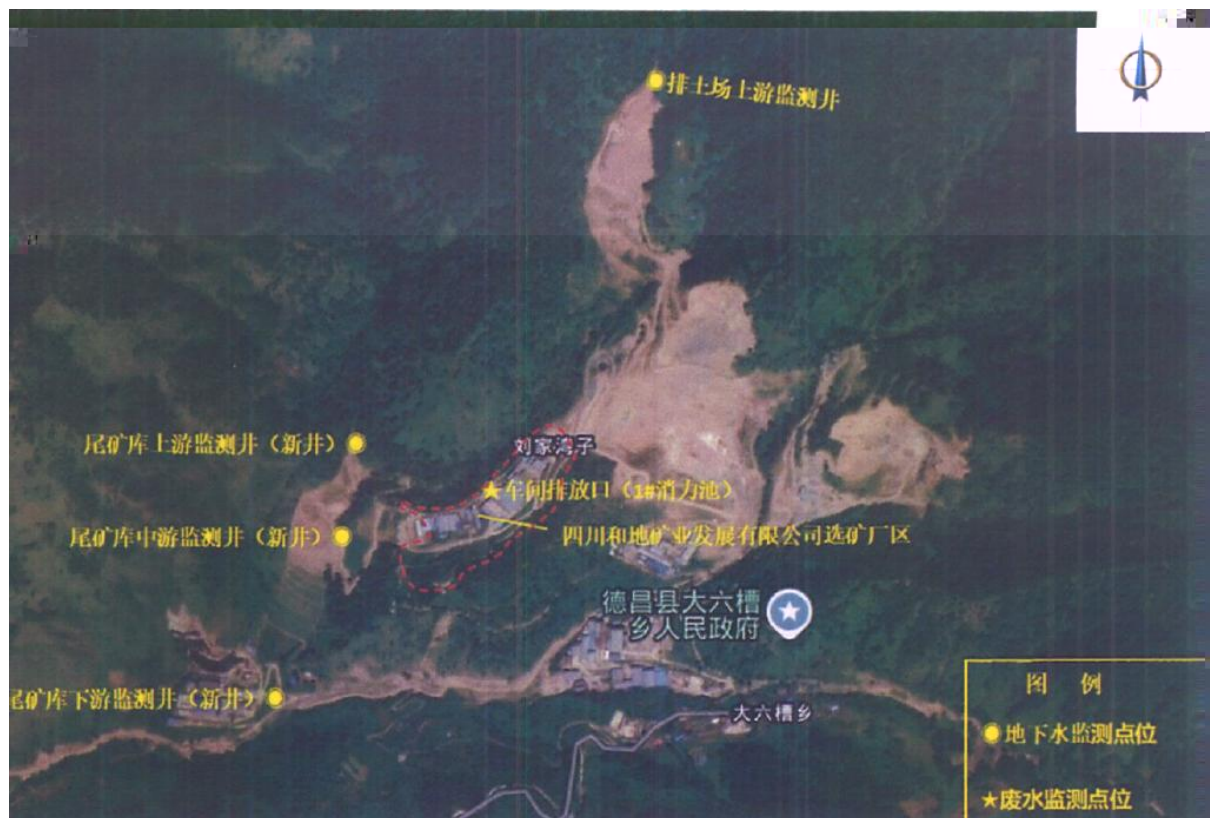
6.1-2			H							CFU/ L			MPN/100 L				/L				
			0.05	0.001	0.01	0.3	0.1	0.01	0.005	3.0	100	0.02	0.05	0.002	1.0	0.02	0.01	1.0	0.7	0.0001	0.005

- ^ ‡ — # {

h! Y Y P D







6.1-1

## 6.2

### 6.2.1

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### 6.2.2



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### 6.3.2

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7

7.1

7.2

7.2.1

7.2-1		/L		
	1# 500	2# 1	3# 500	4# 1



## 7.4

### 7.4.1

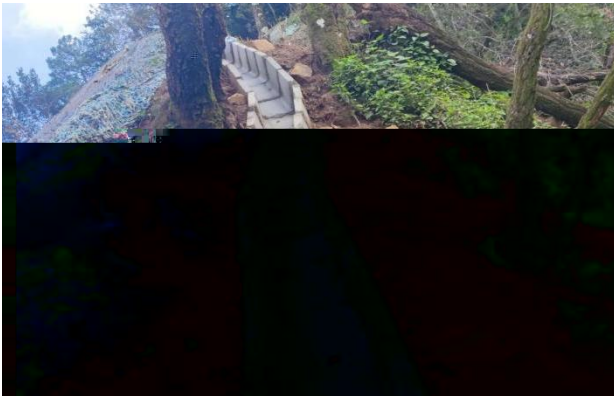
## 7.4-1



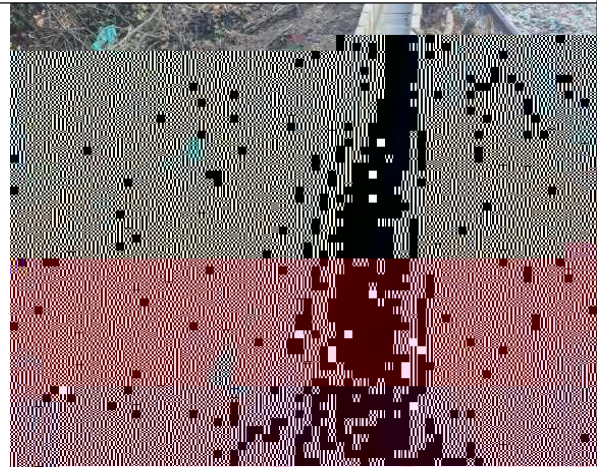
2325



2185



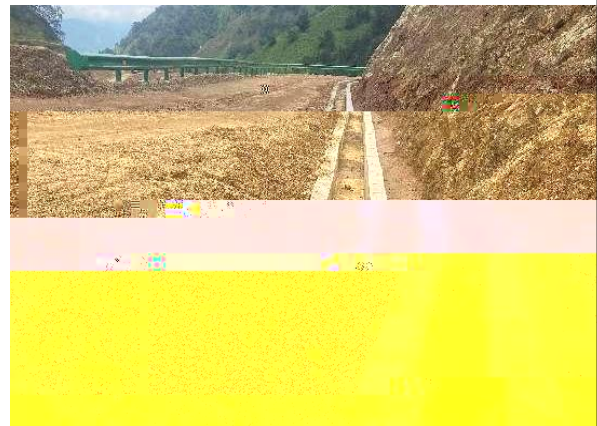
2385 2365



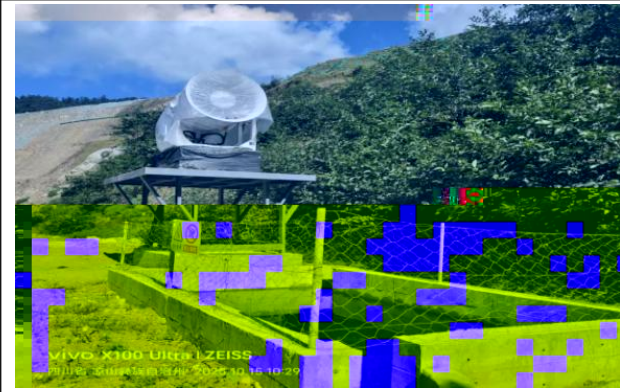
2350-2335



2365



2155



2125 160<sup>3</sup>



90<sup>3</sup>



120<sup>3</sup>



350<sup>3</sup>



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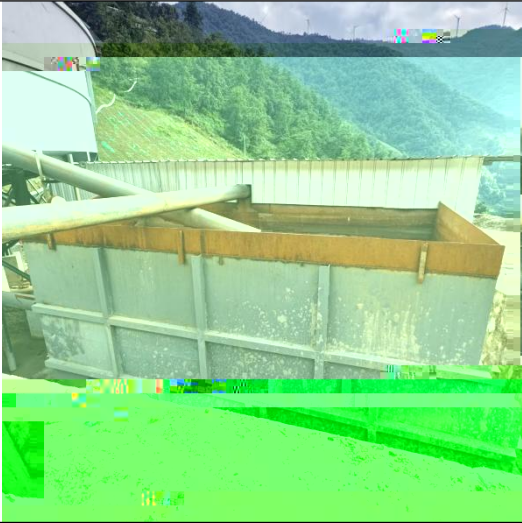
2# 65<sup>3</sup>



3# 15<sup>3</sup>



4# 15<sup>3</sup>



5# 128<sup>3</sup>



6# 108<sup>3</sup>



75<sup>3</sup>



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**8**

**8.1**

**8.1.1**

**8.1-1**

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**8.1.2**

**8.1.3**

**8.2**

**8.3**

**8.3.1**

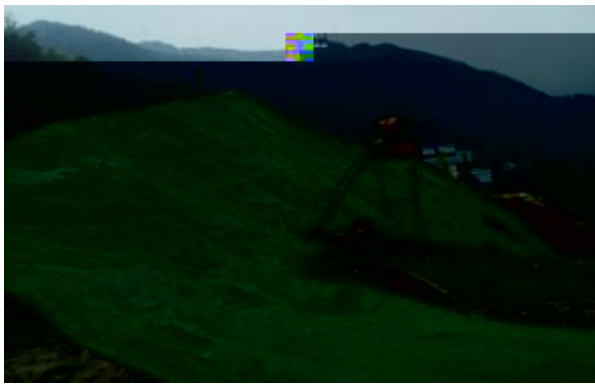
**8.3-1**



**8.3.2****8.3.2.1**



8.3.2.2



100

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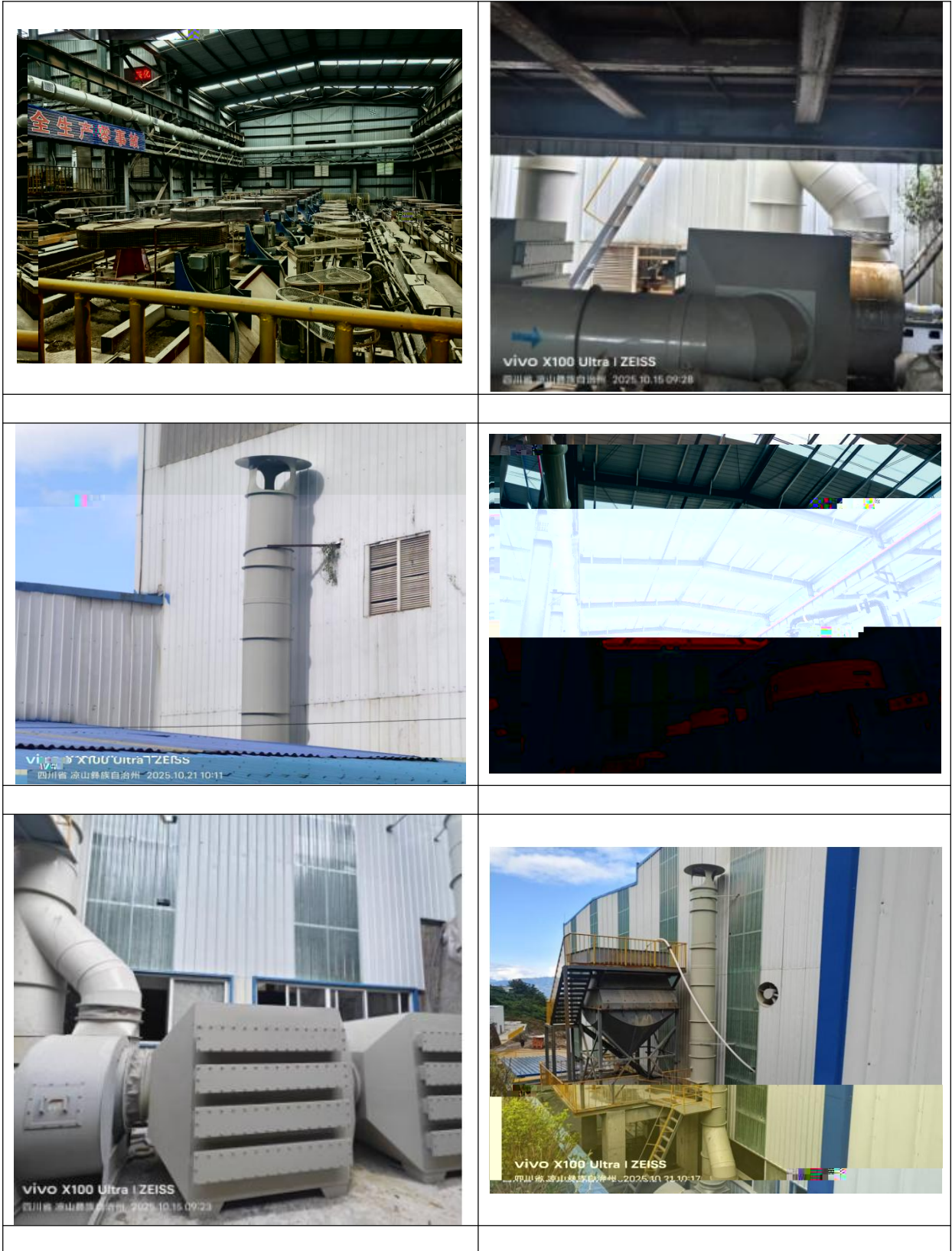
8.3.2.3



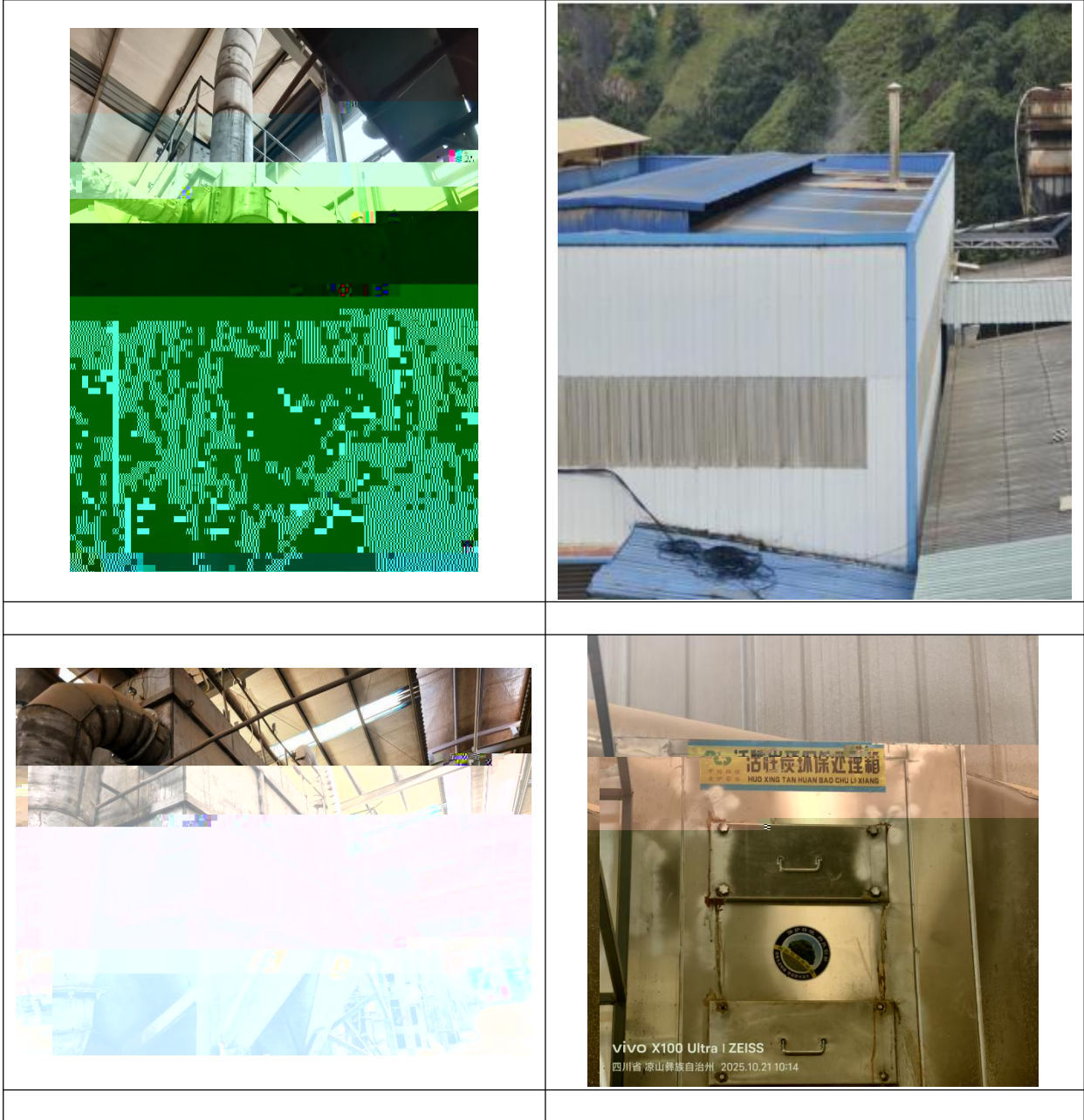
2



8.3.2.4



8.3.2.5



8.3.2.6

8.3.2.7

8.3.3

8.3.3.1



8.3-2

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8.3.3.2

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8.3-3

/ 3

		2025.8.27			2025.8.27			

2

8.3-4

/ 3

		2025.8.26				2025.8.27				
		1	2	3		1	2	3		

8.3-5

1

/ 3

		2025.8.26			2025.8.27			
		1	2	3	1	2	3	

8.3.3.3

8.3-6

/


## 8.4

### 8.4.1

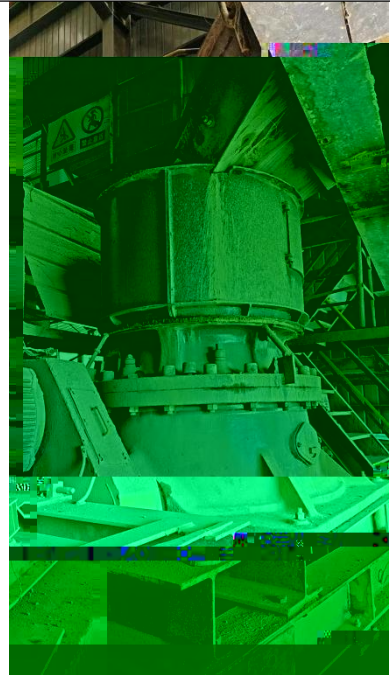
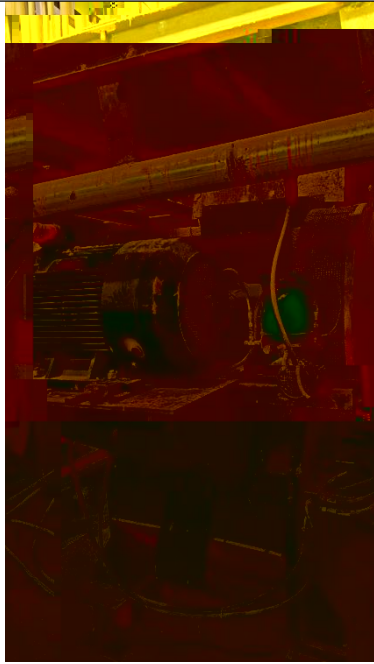
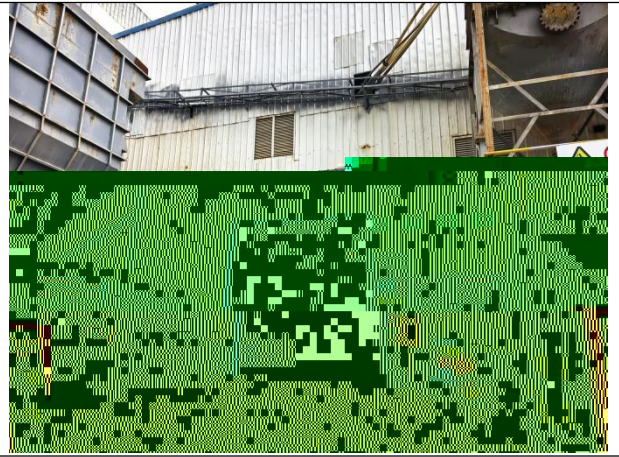
### 8.4.2

**9**

**9.1**

**9.2**

**9.2.1**





## 9.3

### 9.3.1

### 9.3.2

**10**

**10.1**

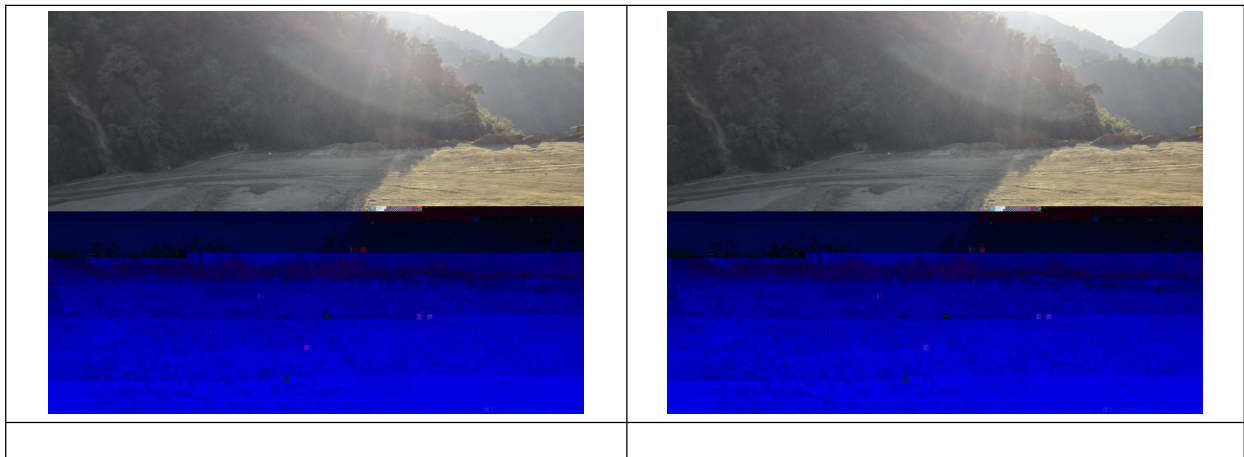
**10.2**

**10.2.1**



## 10.2.2

### 10.2.2.1



### 10.2.1.2

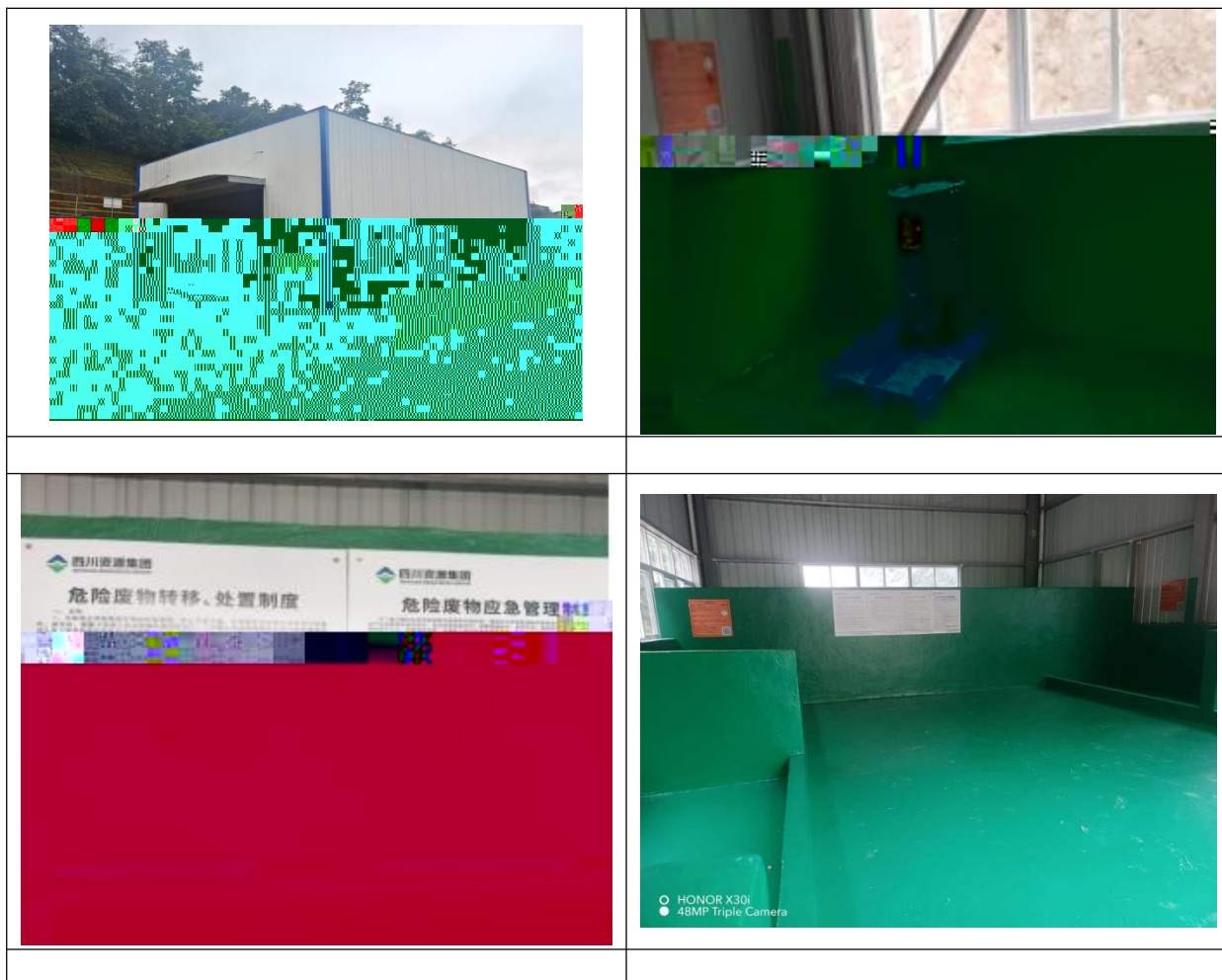


**10.2.1.3**

**10.2.1.4**

**10.2.1.5**

**10.2.1.6**



### 10.3

#### 10.3.1



**11**

**11.1**

**11.1.1**

**11.1.2**

**11.1.3**

**11.1.4**

**11.1-1**

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**11.1-2**



**11.1.5****11.1-3**







### 11.3.2

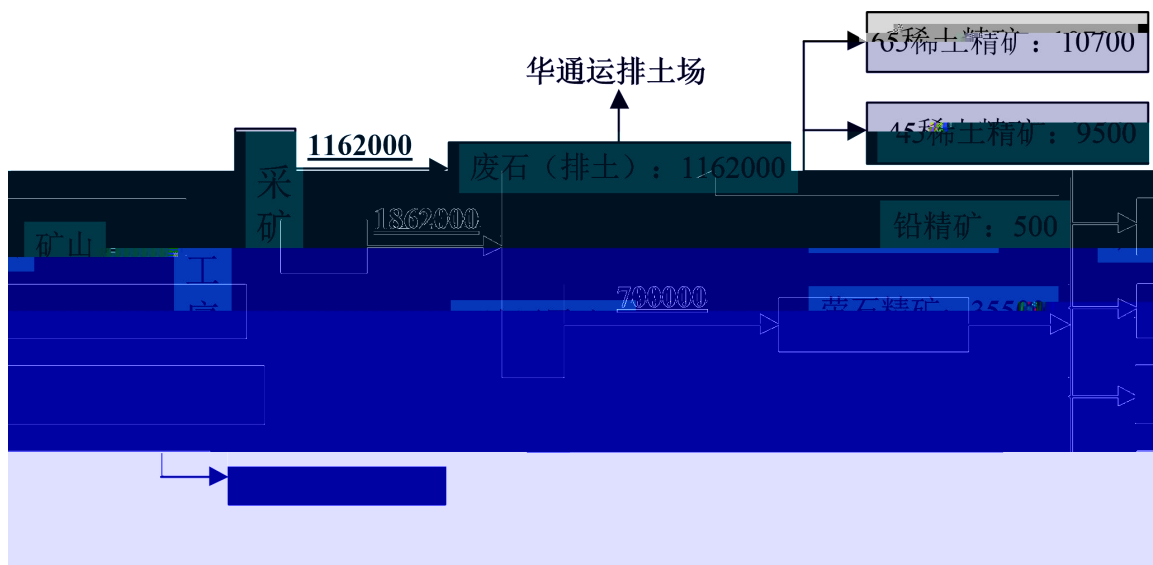

### 11.3.4

1

11.3-2

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1			





## 11.3-4

		/	<sup>232</sup> T	B /	<sup>232</sup> T	B /	%

2

## 11.3-5

		/	<sup>238</sup> U	B /	<sup>238</sup> U	B /	%

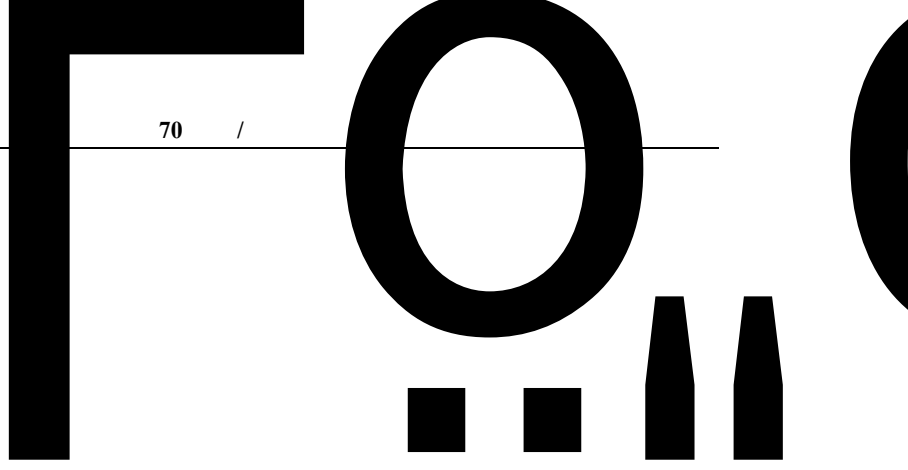
3

## 11.3-6

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**11.3.5****1****1****2****2**



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11.4-2




11.4.3

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**11.4-3**

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**11.4-4**

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**11.4.4****1****1****2**

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3

1

11.4-5



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## 11.5

### 11.5.1

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**11.5.2****11.6****11.6-1**

$\alpha$  $\alpha$ **11.6.2**



**11.7****11.7.1****11.7.1.1****11.7-1**



**11.7.1.2**





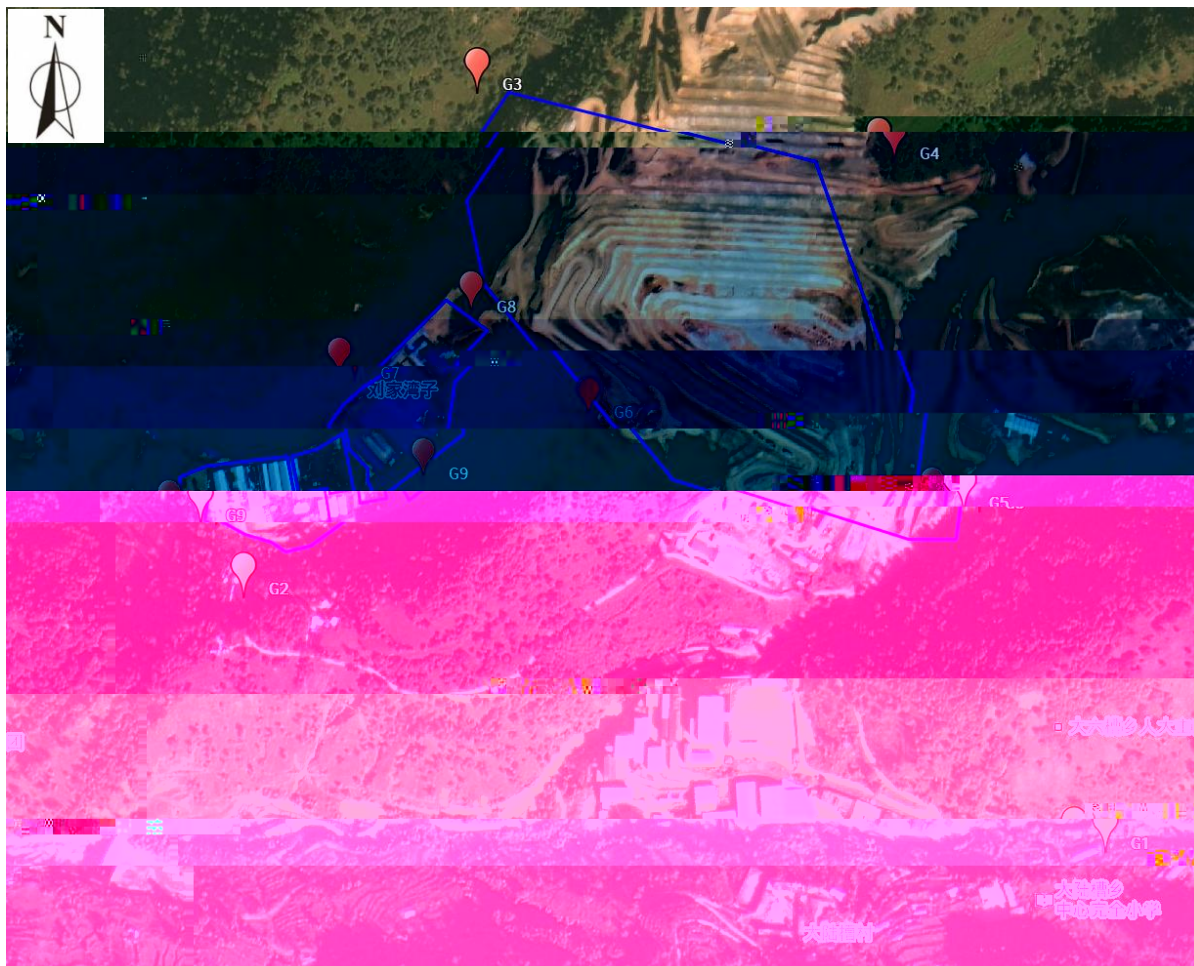
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11.7.2

11.7-3



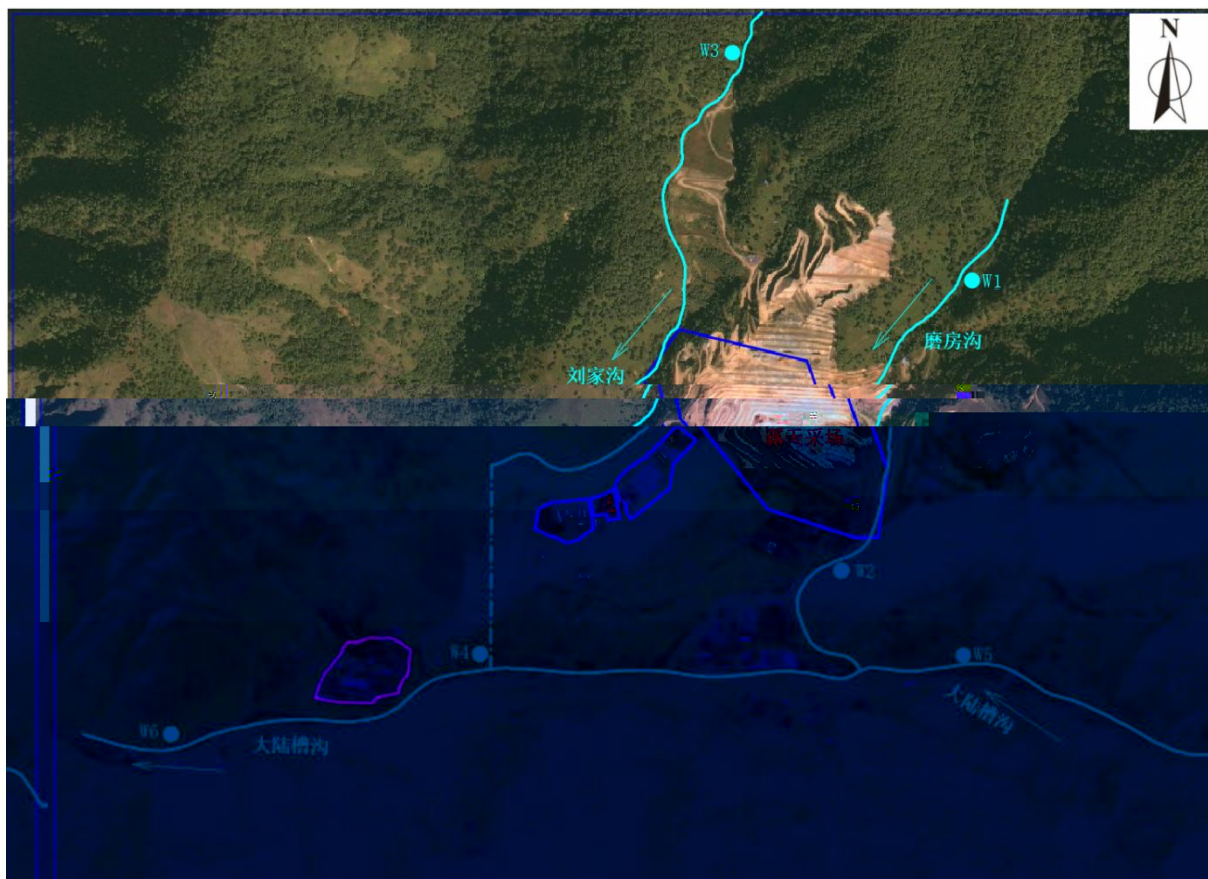


11.7-3

11.7-5

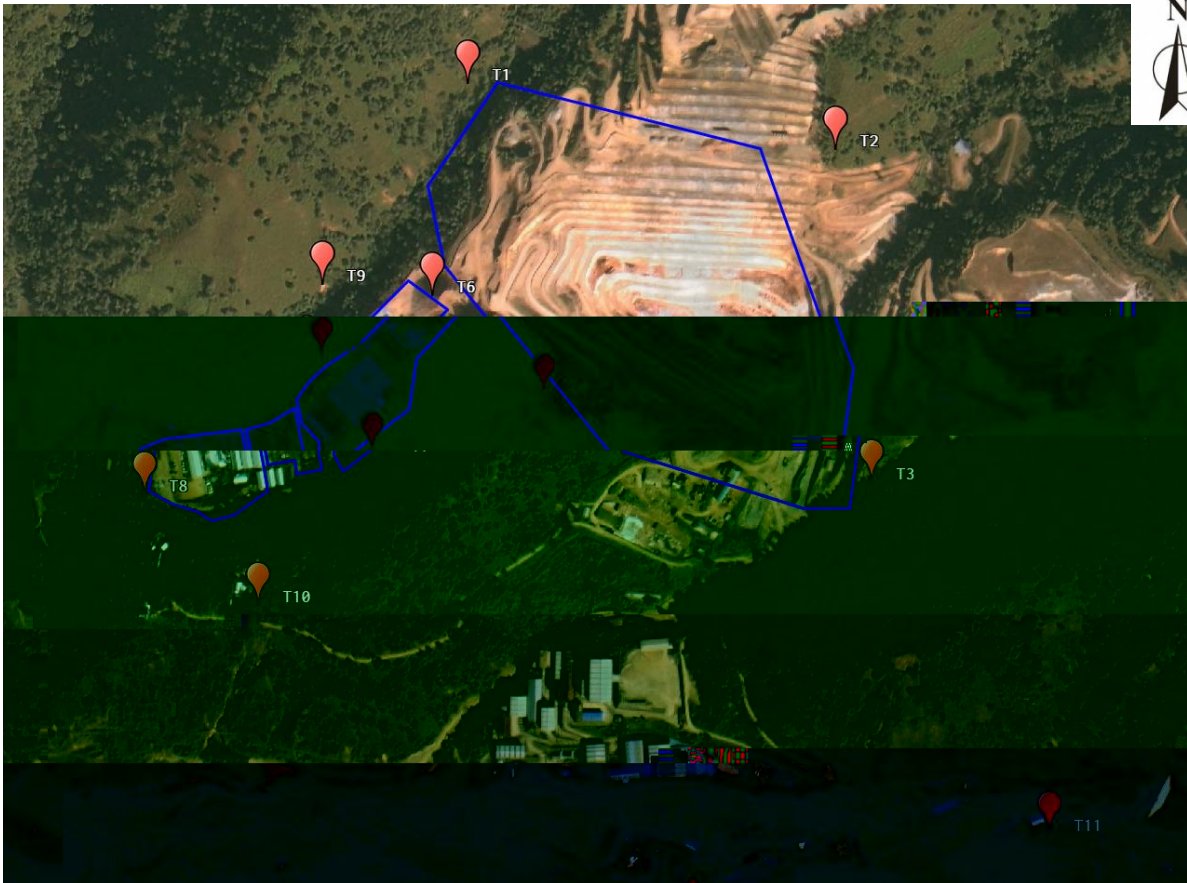


11.7-5

11.7-7



11.7-7

11.8

11.8.1

**11.8.2****11.8-1**



**11.8-2**

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**11.8-3**



**11.8-4**

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**11.8-5**



**11.8-6**



**11.8-7**

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**11.8-8**

### **11.8.3**

### **11.8.4**

#### **11.8.4.1**

#### **11.8.4.2**

#### **11.8.4.3**

**11.8-9**

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**11.8-15**

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**11.8.5****11.9****11.9.1**



**11.9.2.2****11.9-3**



**11.9.3****11.9.3.1****11.9-4**

			<b>X-</b>	
			<b>10 G /</b>	<b>10 G /</b>



11.9.3.2

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## 11.9.3.3

11.9-6

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III

11.9.3.7





## **11.10**

### **11.10.1**

### **11.10.2**

### **11.10.3**

### **11.10.4**

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**11.10.5**

**11.10.6**

**11.10.7**

**12**

**12.1**

**12.2**

**12.2.1**

**12.2.2**

**12.2.3**

## 12.3

## 13

### 13.1

#### 13.1.1

#### 13.1.2

1

2

3





**13.2-3**

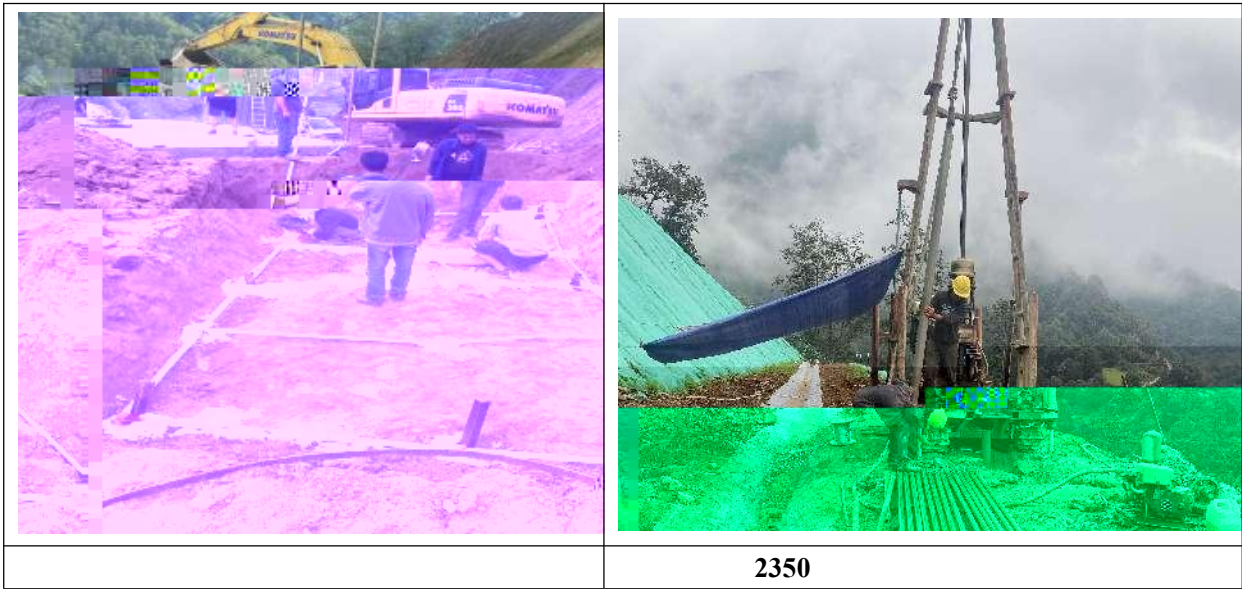


**13.2-4**




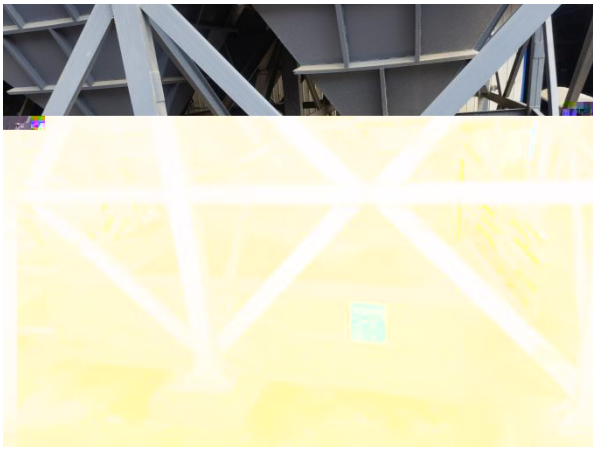
**13.3****13.4****13.4.1**

13.4.2



13.4-1


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## 13.4.3



**14**

**14.1**

**14.2**

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## 15.1

## 15.2

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2



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## 15.3

15.3-1

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<b>2</b>		
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<b>9</b>		
<b>10</b>		

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<b>11</b>		
<b>12</b>		
<b>13</b>		

**16**

**16.1**

**16.2**

**16.2.1**

**16.2.2**

### **16.2.3**

### **16.2.4**

**16.2.5**

**16.2.6**

**16.2.7**

**16.3**

**16.4**

**16.5**



