







49735 m<sup>2</sup>

-

2019 1

2021 6

	.....	1
1.1	.....	1
1.2	.....	1
1.3	.....	1
1.4	.....	3
1.4.1	.....	3
1.4.2	.....	3
1.4.3	.....	4
1.4.4	.....	4
1.5	.....	5
1.6	.....	5
	.....	7
2.1	.....	7
2.1.1	.....	7
2.1.2	.....	8
2.1.3	.....	8
2.1.4	.....	8
2.1.5	.....	9
2.2	.....	10
2.3	.....	13
2.3.1	.....	14
2.3.2	.....	16
2.4	.....	16
2.4.1	.....	16

2.4.2

6	.....	38
7	.....	38
8	.....	39
9	.....	40



1.1

1-1

CGCS2000

---

CGCS2000

**1.4**

**1-1**

2 2017 6 21

3 [2016]31

4 42

5

[2014]126

6 2017 8

7

[2020]4

8

[2019]71

**1.4.3**

1

GB 36600-2018

2 HJ 25.1-2019

3 GB/T 50145-2007

4

2014 78

5 2017

72

**1.4.4**

1 2002

2

2016-2030

2018

4

3

## **1.5**

1

2

## **1.6**

1-2

**1-2**





11

34km

83.2 km<sup>2</sup>

**2.1.5**

1

2

50

90

100

## 2.2

1

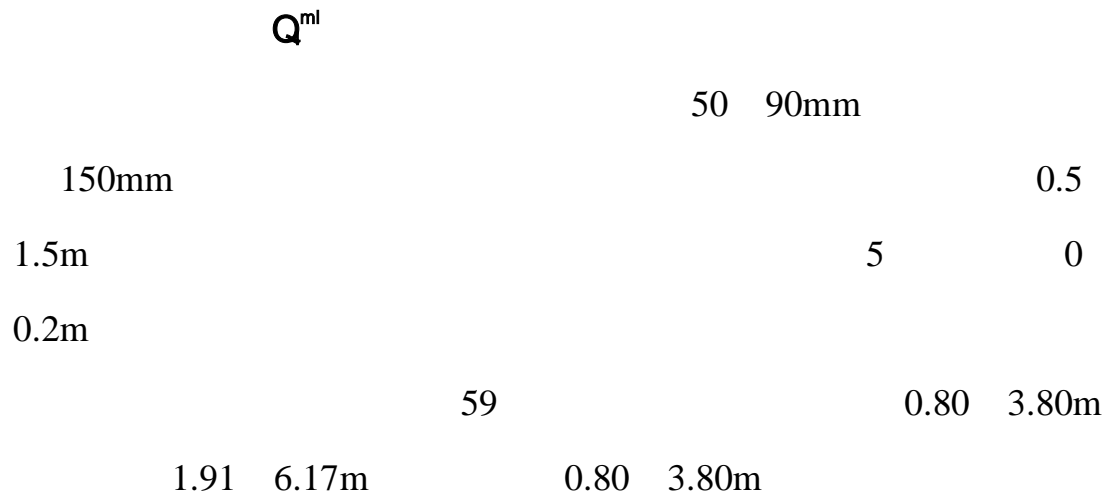
	2018		3517.07	
	9.8%		73.7	3.81%
	1578.2	9.12%		1865.17
	10.39%	2.10	44.87	53.03
	435.2	19.4%		262.7
	7.8%	217.9		10.6 %
80.4	2.3 %	41.0		14.9%
9.0	15.7%	14.4		4.3%
	407.4	23.6%		221.7
	11.7%	32.8		18.1%
	50.8	7.7%	2.9	64.7%
	22.5	15.5%		41.0
	12.7%	455.2		6.6 %

2				
2018		73.7	3.81%	
	35	4.1%		
2018		74.3	4.7%	
26.4	7.9%		138.6	6.0%
	78.0	3.97%		

9.5%		246.7	2.06%
	438.3	2.33%	
2018		186.7	17%
4			
	1865.17	10.39%	
1			
2018			5.4 t 1931.5
	48 km		3
100%		3209.2 km	404.6
km	694.6km	2110 km	
2018		187	18
	2868		1061
	22277		329 2207
	711	19000	14 16
		578.5	85930.3
		9375	1841881 t*km
	8.5% 3.2%		228 28.1%
2018		14100.3	18.2%
2627.1	2.8%		15
			118.7



### 2.3.1



-1.84 -0.18m 5.60 7.30m

$\frac{3}{45}^3$

16

0.70 2.10m

-3.54 4.34m

2.50 9.00m

$\frac{3}{45}^3$

59

15.80m

**-1**

**X<sub>5</sub><sup>3</sup>**

80%

1

1.20m

-0.01m

6.00m

$\frac{3}{45}^3$

85% RQD

5

7.10 m

### 2.3.2

0.70 1.80

m

4.42 6.06 m

6.5 m

1.00 m

### 2.4

#### 2.4.1

Google Earth

15

2019

**2-2 2003 04 Google Earth**

2005 03 Google Earth

**2-3 2009 07 Google Earth**

2011 12 Google Earth

2005

**2-4 2015 10 Google Earth**

2011 12 Google Earth 2011

**2-5 2019 03 Google Earth**

2019 03 Google Earth

**2-6 2020 5 Google Earth**

2020 5 Google Earth

## 2.4.2

2021 6

*2-7*

**2.5**

**2.5.1**

Google

15

2019

2020

2-8 2005 03 Google Earth  
2005 03 Google Earth

2-9 2011 12 Google Earth  
2011 12 Google Earth  
2005

**2-10 2015 10 Google Earth**

2015 10 Google Earth

2011

**2-11 2019 03 Google Earth**

2019 03 Google Earth

**2-12 2020 05 Google Earth**

2020 05 Google Earth

## **2.5.2**

**2.6**

**2-13**

500 m

2-1

**2-14**

**2-1**

1				350 m
2				420 m
3				300 m
4				50 m
5				100 m
6				300 m
7				410 m
8				450 m
9				460 m

**2.7**

-

## 2-2

		(m <sup>2</sup> )				
1		49735	2020 403	2020.12.23	-	

**2-15**

### 3.1

3-1

1			
2			
3			
4			
5			

## **3.2**

### **3.2.1**

2021 6

3-2

		2



**3.2.2**

**3.3**

9

3-2

## **4.1**

### **4.1.1**

### **4.1.2**

## **4.2**

1

4-1

		Google Earth			
		2019			
		2020			
		Google Earth			
		Google Earth			



## 5.1

49735 m<sup>2</sup>

## 5.2

1

2

3

**1**

**2**

**3**

**4**

**5**

**6**

**7**

**8**















