

2021-2025

.....	1
.....	1
.....	2
.....	2
.....	2
.....	2
.....	3
.....	3
.....	3
.....	8
.....	11
.....	13
.....	17
.....	20
.....	20
.....	20
.....	20
.....	21
.....	24
.....	24
.....	24
.....	32
.....	34
.....	34
.....	34
.....	34
.....	35
.....	35

.....	36
.....	41
.....	41
.....	41
.....	43

1		1: 200000
2		1: 200000
3		1: 200000
4		1: 200000

2021-2025

2020

42

34

8

24

" "

" " " " " "

[2004]323

2021 2025

2020

2021 2025

8137.6km²

1-1

535.56km²

6.58%

500—700m

790m

100—290m

759.00km²

9.33%

440—500m

20—60m

661.68km²

8.13%

380—440m

2—40m

6017.63km²

73.95%

5—10m

0.3—0.5km,

0.5—1.5m

2—3m

240—380m

2—10m

163.16km²,

2.01%

" V"

30—100m

" U"

100—500m

3—10m

—



图1-1 内蒙古自治区奈曼旗地貌图

比例尺 1:100,000
 内蒙古自治区地理研究所编

	3-10m	
1-2m		10-30m
	2007 12 25 (GB/18306-2015)	3.4
0.05-0.10g		-
1636		370
1		
	293	

8137.03km²

1220

24%

304

25%

506

41%

121

2

, , :

41

3

26%

"

"

2

2-1

2020

32

30

2

13

19

2-1

2-1		
		%
	30	93.75
()	2	6.25
	32	100

1

32

29

90.63%

3

9.37%

2

15

3

4.34 /100km²

0.64

/100km²

2.19 /100km²

0.52 /100km²

2-2

2-2								
		(km ²)	/(km ²)					(/100km ²)
							(%)	
1		382	35.04	2	0	2	6.25	0.52
2		207.49	63.99	9	0	9	28.12	4.34
3		468.67	66.14	3	0	3	9.37	0.64
4		821.33	52.16	16	2	18	56.25	2.19
5		1410.82	151.19	30	2	32	100.00	

2
6.25%

3 9.37% 18 56.25% 9 28.12%

2020 32

0 0% 13

40.62% 19 59.38%

2-3

2-3				
	()	()	()	()
	30	0	12	18
	2	0	1	1
	32	0	13	19

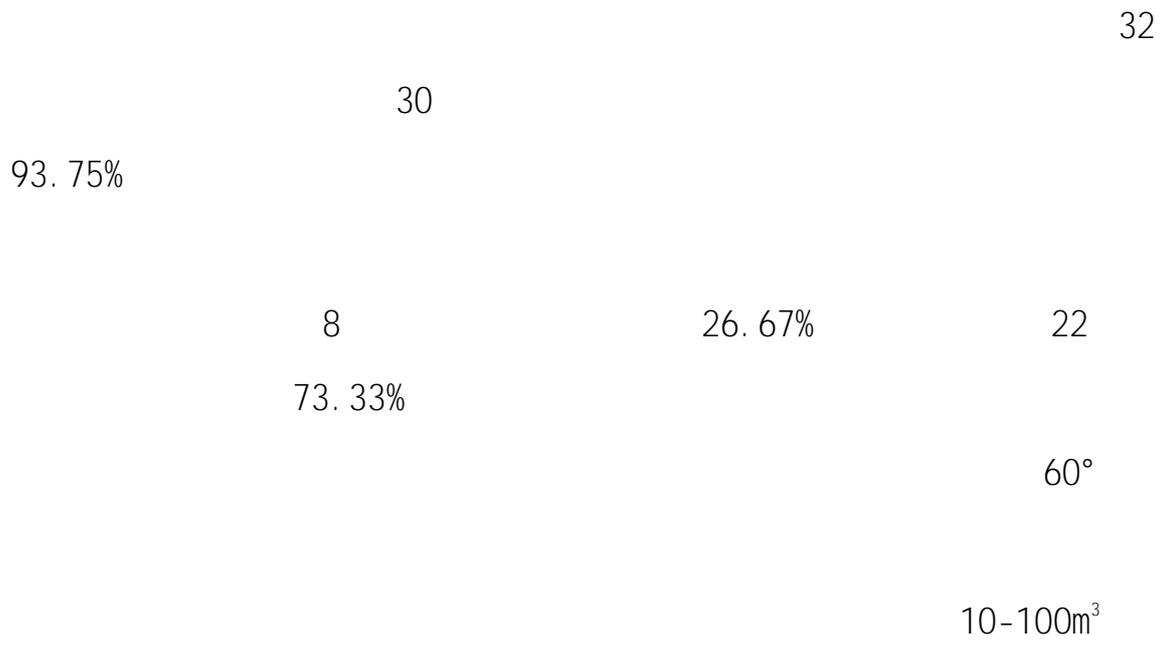
2020 32
 0 0% 16 50.00%
 16 50.00%

2-4

2-4				
	()	()	()	()
	30	0	15	15
	2	0	1	1
	32	0	16	16

2-5 32 18
 60.00% 12 40.00%
 2 1
 50.00% 1 50.00%

2-5		
	(104m3)	(104m3)
	100	10
	10-100	1-10
	1-10	0.1-10
	<1	<0.1



2

42

	1994	1998
35	85.37%	6
6-8	14.63%	97.56
7-8	40	92.68
	38	
		29
	96.67%	3.80 /100km ²
	1	3.33%
0.02 /100km ²		
34	32	

—

41

6	8	68.21%	
2000	366.2mm	567.1mm	1971
			213.1mm
10	567.1mm	100.7mm	

43.9mm 10

14.5mm

>100mm

>20mm 10

>10mm

10

2008

42

24

“ ”

“ ”

2016—2020

1 10

32

5 -9

“ ”

"

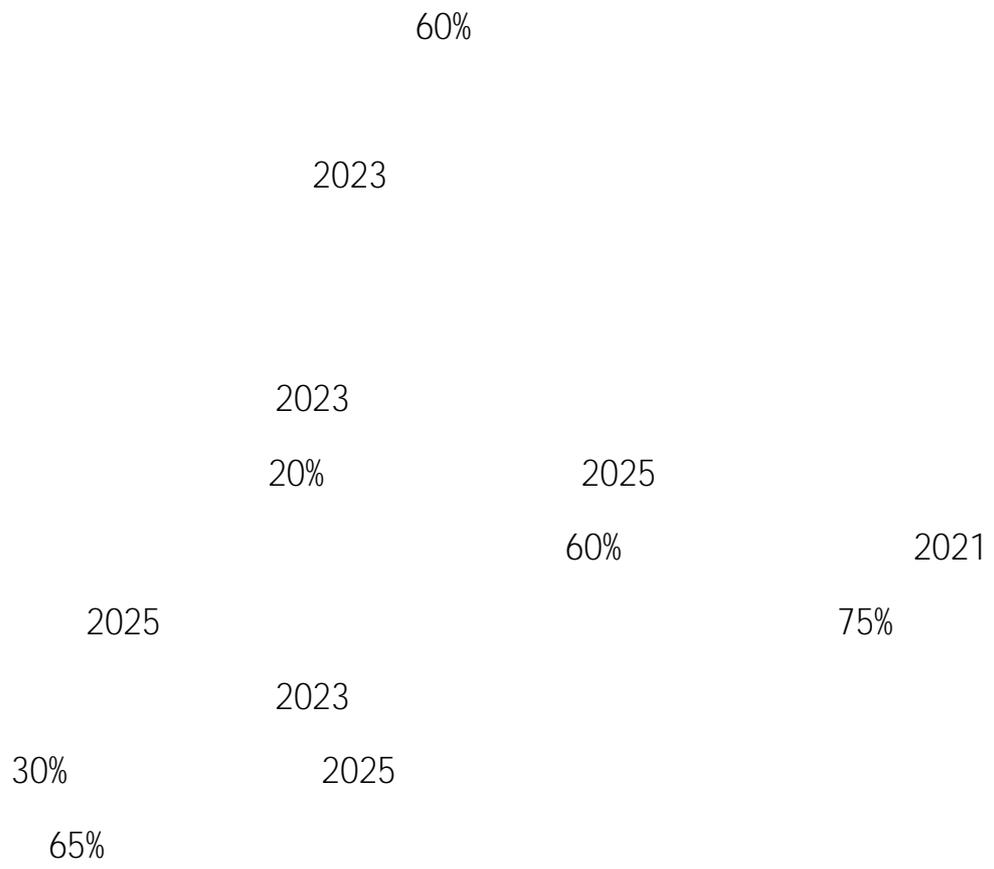
"

“

”

“

”



" "		
1		
1	3	
2	8	
2		
1	3	
2	1	
3	1	
3		
1	9	
2	3	
4		
1	1	

4-1

1:20

2km× 2km

898

4-1			
	G=3	G=2	G=1

4-1

898

1

G G G

2

C C C

G G G= G

G G=1 G=2 G=3

G=1 G=2 G=3

()

2.5—3.5

1.5—2.5

1.5

4-2

2

1 B

2 C

3 D

4-2

1 B

20--150m

40—85°

" V"

10—60m

29

90.63

763.58km²,

9.38

4-2

4-2				
	km ²	%		
B	763.58	9.38	29	---
C	1290.81	15.87	3	—
D	6082.64	74.75	0	

29

27

2

763.58km²

29

24

82.76 5

17.24 2

6.90

2

80°

210°

20-30m

1000m

6m

15 m³

1998 7

4 16

19.20

76

77

10

95.70



4-1



4-2

2

C

—

2--40m

1

2.22

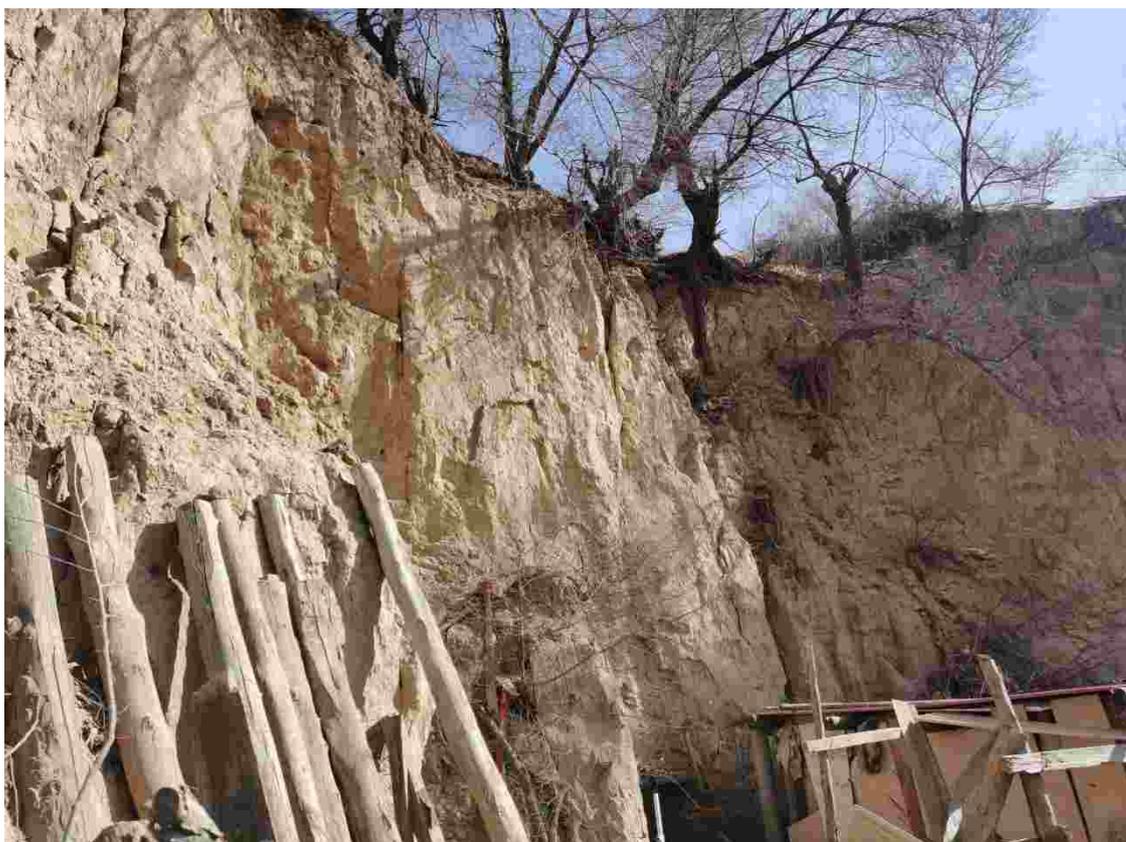
1290.81km²

15.86%

4-3



4-3



4-4



4-5



4-6

3

D

6082.64km²

74.75%

5m

4-1

763.58km²

9.40

29

27

2

-

--

2--40m

1

2.22

134.71km²,

1.65

7238.74km²

88.95%

5m

42

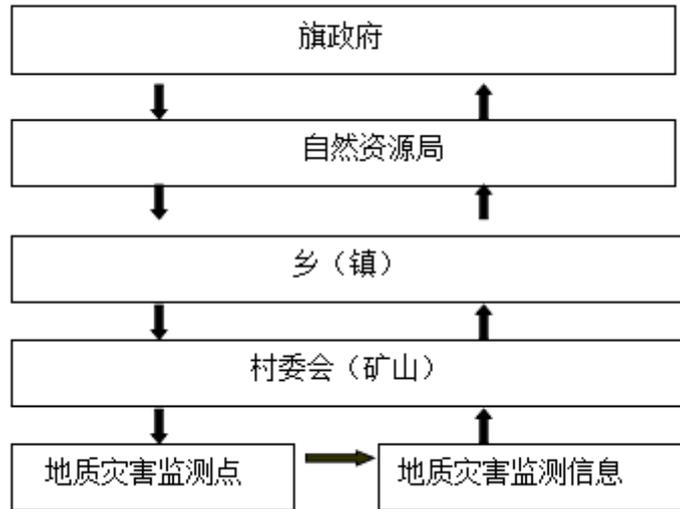
2008

13

2025

“ ”

2



5-1

1

2

3

4

5

1

2

3

1

2

3

4

5

1

2

3

4

1

2

3

4

4

24

"

"

"

"

265

6-1

6-1				
1			50	
2				
			20	
3				
			100	
4				
			50	
			32	
			265	

