

Specifications for hard-rock gold exploration

.....

1	.....	1
2	.....	1
3	.....	1
3.1	.....	1
3.2	.....	1
4	.....	2
4.1	.....	2
4.2	.....	3
4.3	.....	4
4.4	.....	4
4.5	.....	6
5	.....	6
5.1	.....	6
5.2	.....	7
5.3	.....	7
6	.....	9
6.1	.....	9
6.2	.....	9
6.3	.....	10
6.4	.....	10
6.5	.....	10
6.6	.....	10
6.7	.....	11
6.8	.....	12
6.9	.....	12
6.10	.....	12
6.11	.....	13
7	.....	13
7.1	.....	13
7.2	.....	13
7.3	.....	13
7.4	.....	13
8	.....	14

2020

9	.....	14
9.1	.....	14
9.2	.....	14
9.3	.....	15
9.4	.....	15
9.5	16
9.6	16
9.7	17
9.8	17
9.9	17
A	19
B	20
C	22
D	23
E	24
F	25
G	26
	28

GB/T 1.1-2009
DZ/T 0205—2002

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-
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50%

50%

“ ” “ ”
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“ ” “ ” “ ” “ ” “ ” “ ” “ ” “ ”

SAC/TC 93

-DZ/T 0205—2002
-DZ/T 0152—1995
-DZ/T 0074—1993
-

—1984

2020

GB 12719
GB/T 13908
GB/T 17766
GB/T 18314 GPS
GB/T 18341
GB/T 25283
GB/T 33444
DZ/T 0033 /
DZ/T 0078
DZ/T 0079
DZ/T 0130
DZ 0141
DZ/T 0227
DZ/T 0275

GB/T 17766 GB/T 13908

2020

1: 10000 1: 2000

1: 5000 1: 1000

" 40m× 40m "

" 40m× 40m "

" " " " "

2020

a)

- -

b)

c)

B

2 4

SD

C

2020

3m

3m

a)

b)

c)

d)

e)

2

50%

50%

a)

b)

c)

3

d)

6

3

2

e)

f)

g)

"

"

40m× 40m

40m× 40m

50%

40m× 40m

100%

GB/T 25283

1200m

1500m

1000m

GB/T 1834

GPS

GB/T 18314

2020

1: 2000

1: 2000

GB 12719

2m
DZ 0141

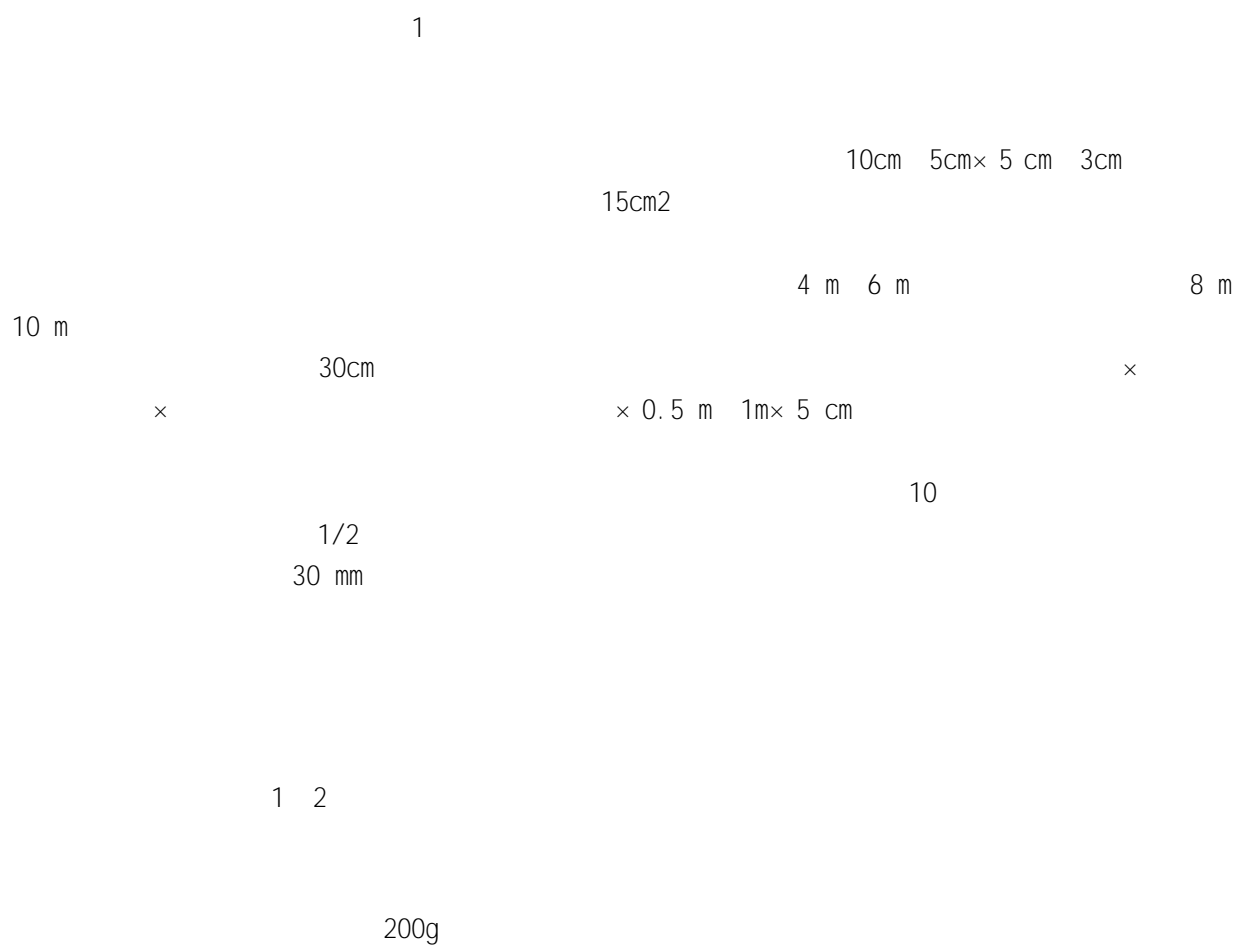
3 m 5 m

80%

57mm

DZ/T 0227

DZ/T 0275



2020

$$Q = kd^2$$

Q—

d—

k—

kg

mm

K

0.8

200

5%

10%

30

2000

5%

5%

30

2000

3%

DZ/T 0130

30

3

0.125m³

5

DZ T 0078

DZ T 0079

DZ/T 0033

"

"

GB/T 17766

D

4

" "

4

1: 1000-1: 2000

a) :

3%

SD

6 8

SD

SD

SD

SD

· /

" "

" " " "

a) " 1/2 1/4 " " " "
1/2 1/4

b)

a)

1/2 1/4
b) •
c)

a

1/4

2020

10⁴t
kg
m
/ ³ t/m³
/ g/t

A.1

	()
	20
	5 20
	5

2020

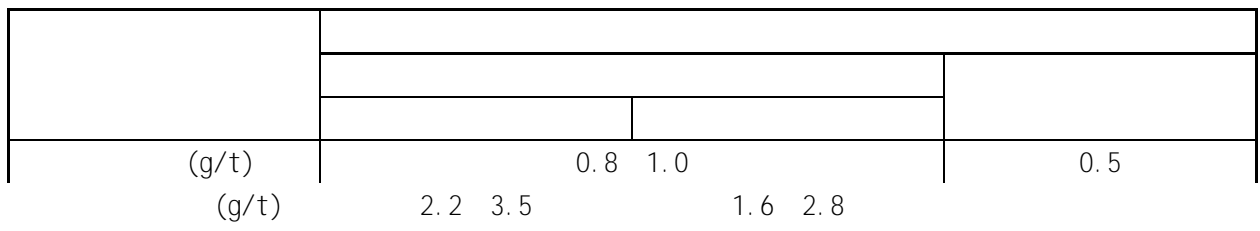
B. 1 B. 2 B. 3 B. 4 B. 5

	m	() m	
	500	500	
	200 500	200 500	
	200	200	

	— —

	80
	80 130
	130

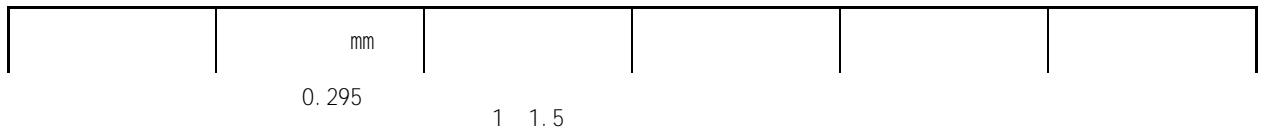
D.1 D.2



E. 1

1.	Gold	Au	80	
2.	Electrum	(Au Ag)	80 50	
3.	Mal doni te	Au ₂ Bi	65. 3	
4.	Auri cupri de	Cu ₃ Au	50. 6	
5.	Wei shani te	(Au Ag) ₃ Hg ₂	56. 91	1983 4
6.	Uytenbogaardt i te	Ag ₃ AuS ₂	32. 6	
7.	Cal averi te	AuTe ₂	44. 03	
8.	Krenneri te	AuTe ₂	43. 5	
9.	Montl brayi te	(Au Sb) ₂ Te ₃	50. 6	
10.	Petzi te	Ag ₃ AuTe ₂	25. 4	
11.	Muthmanni te	(Ag Au)Te	22. 9 35. 2	
12.	Sylvani te	(Au Ag)Te ₄	24. 1	
13.	Kostovi te	CuAuTe ₄	25. 5	
14.	Nagyagi te	Pb ₃ Au(Te Sb) ₄ S _{5 8}	7. 41 10. 16	
15.	Bessmertnovi te	Au ₄ Cu(Te Pb)	68. 0 75. 0	
16.	Bogdanovi te	Au ₅ (Cu Fe) ₃ (Te Pb) ₂	57. 6 63. 6	
17.	Bi l i bi nski te	Au ₃ Cu ₂ PbTe ₂	40. 7 50. 5	
18.	Aurosti bi te	AuSb ₂	44. 7	
19.	Fi schesseri te	Ag ₂ AuSe ₂	29. 0	

F. 1



2020

G. 1

()								Ag
()							10.14×10^{-6}	
							$1 \times 10^{-6} \quad 21.4$ $\times 10^{-6}$	Mo
							7.25×10^{-6}	Sb

2020

- [1] 1984. 11
 - [2] 1997. 11
 - [3]GB 12719-1991
 - [4]GB/T 33444-2016
 - [5]GB 50771-2012
 - [6]GB 51060-2014
 - [7]DZ/T 0078-2015
 - [8]DZ/T 0130-2006
 - [9]DZ/T 0275.1-2015
 - [10]DZ/T 0287-2015
 - [11]T/CMAS 0001
 - [12]HJ 651-2013
 - [13] 1: 50000
 - [14] 1: 50000
 - [15] 2009. 3
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