

Journal YE Xian

2100

300170

Institute of Geology and Miner

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11

on U- scope; t

—

33

760Ma

650-615Ma

825-800

35%
1%~5%

10%

1%~5%

[7,1]

Hf

[4-11]

650-615Ma

[9,12]

615Ma

Rodinia

740Ma

Rodinia

—

[13]

1

3

Ga [5,7]

TTG

Zhu

650

[10]

630Ma

[12]

1-3

2-3m

MSWD=0.83

10m

1m

10-20

100-150

35%

5%

20%~30%

2-3

1%

0.7-1.8

25

40%~45%

5%~10%

2

MSWD=0.20

a

Fig. 1. Distribution of Proterozoic strata in T...
and of mafic intrusive rocks with sam...
plu... section of ...

Fig. 2. U-...
... granite and gra...
Bi-... - ... - ...

b
Zircons from Neoproterozoic
granite in Quruqtagh area

| | $^{206}\text{Pb}/^{238}\text{U}$ | | $^{207}\text{Pb}/^{235}\text{U}$ | | $^{207}\text{Pb}/^{206}\text{Pb}$ | |
|----|----------------------------------|-----|----------------------------------|---|-----------------------------------|-----|
| | /% | /Ma | 1 | σ | 1 | /Ma |
| 08 | 632 | 3 | | | 628 | 22 |
| 5 | 624 | 3 | | | 5 | 34 |
| 0 | 631 | 3 | | | | 34 |
| | 632 | 4 | | | | |
| | 632 | 4 | | | | |
| | 632 | 5 | | | | |
| | 629 | 5 | | | | |
| | 629 | 5 | | | | |
| | 628 | 5 | | | | |
| | 628 | 6 | | | | |
| | 631 | 4 | | | | |
| | 629 | 3 | | | | |
| | 626 | 5 | | | | |
| | 629 | 5 | | | | |
| | 634 | 4 | | | | |
| | 635 | 3 | | | | |
| | 633 | 4 | | | | |
| | 636 | 4 | | | | |
| | 631 | 4 | | | | |
| | 632 | 3 | | | | |
| | 634 | 4 | | | | |
| | 635 | 4 | | | | |

| | | | | | | | |
|-----|------|------|--------|------|-----|---|-----|
| 074 | 1.05 | 0.49 | 0.8680 | 1.00 | 631 | 3 | 635 |
|-----|------|------|--------|------|-----|---|-----|



128

127

Carboniferous rocks in Taim Basin



