UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 1082
PLATE 40

MINES, QUARRIES, AND PROSPECTS

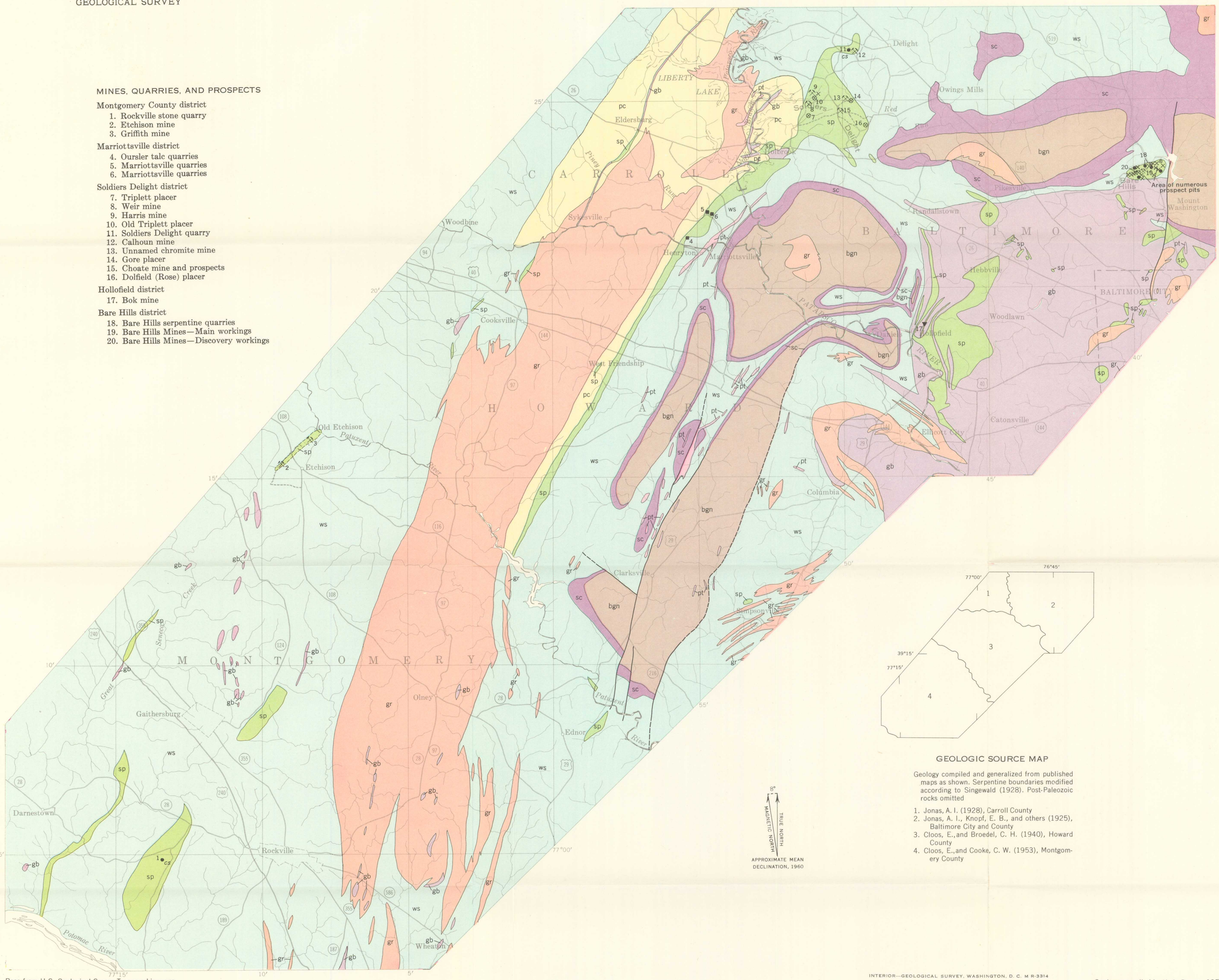
Montgomery County district
1. Rockville stone quarry
2. Etchison mine
3. Griffith mine

Marriottsville district
4. Oursler talc quarries
5. Marriottsville quarries
6. Marriottsville quarries

Soldiers Delight district
7. Triplett placer
8. Weir mine
9. Harris mine
10. Old Triplett placer
11. Soldiers Delight quarry
12. Calhoun mine
13. Unnamed chromite mine
14. Gore placer
15. Choate mine and prospects
16. Dolfield (Rose) placer

Hollofield district
17. Bok mine

Bare Hills district
18. Bare Hills serpentine quarries
19. Bare Hills Mines—Main workings
20. Bare Hills Mines—Discovery workings



EXPLANATION

METAMORPHIC ROCKS

Glenarm series

pc — Peters Creek quartzite
Quartzite and mica schist

ws — Wissahickon formation
Includes southeastern facies of oligoclase-mica schist and northwestern facies of albite-chlorite schist

sc — Setters quartzite and Cockeysville marble

LOWER PALEOZOIC (?)

bgn — Baltimore gneiss
Granitoid biotite gneiss, some hornblende and injection gneiss. Includes Hartley augen gneiss

PRECAMBRIAN

IGNEOUS ROCKS

sp — Serpentine, peridotite, pyroxenite, and associated alteration products

gb — Gabbroic rocks
Includes hypersthene gabbro, olivine gabbro, quartz-hornblende gabbro or metagabbro

gr — Granitic rocks
Includes quartz monzonite, quartz diorite, granodiorite gneiss, and tonalite

pt — Pegmatite
Only the larger pegmatites are shown

PALEOZOIC (?)

Contact
Dashed where inferred

Fault
Dashed where inferred

●[1] Serpentine quarry
cs, crushed stone only

⚒[2] Chromite mine

× Chromite prospect pit or pits

⊗[7] Chromite placer

■[5] Talc or soapstone quarry

▼[17] Asbestos mine

GEOLOGIC SOURCE MAP

Geology compiled and generalized from published maps as shown. Serpentine boundaries modified according to Singewald (1928). Post-Paleozoic rocks omitted

1. Jonas, A. I. (1928), Carroll County
2. Jonas, A. I., Knopf, E. B., and others (1925), Baltimore City and County
3. Cloos, E., and Broedel, C. H. (1940), Howard County
4. Cloos, E., and Cooke, C. W. (1953), Montgomery County

APPROXIMATE MEAN DECLINATION, 1960

Base from U.S. Geological Survey Topographic maps

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. M R-3314

Geology compiled by N. C. Pearre, 1955

MINERAL DEPOSITS IN THE SOUTHERN SERPENTINE DISTRICTS OF THE MARYLAND PIEDMONT UPLAND

SCALE 1:125 000

2 0 2 4 6 MILES