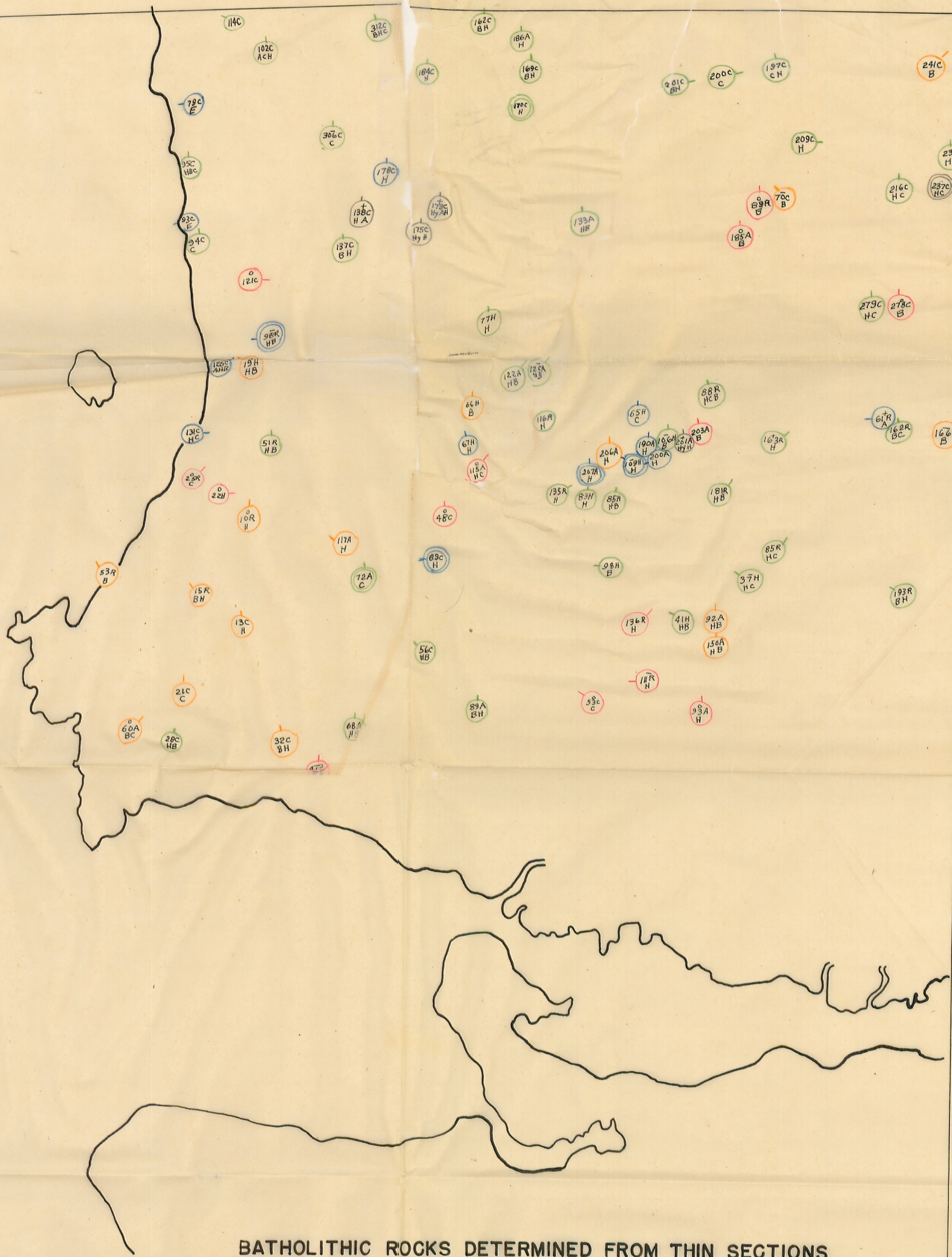


Roddick, Jan-1950

Plate 4

Department of Geology  
UNIVERSITY OF CALIFORNIA



### BATHOLITHIC ROCKS DETERMINED FROM THIN SECTIONS

- |   |                |    |                         |
|---|----------------|----|-------------------------|
| ○ | GRANITE        | ○  | ABOUT 15% DARK MINERALS |
| ○ | GRANODIORITE   | ○  | 20-50% " "              |
| ○ | QUARTZ-DIORITE | ○  | 5-10% " "               |
| ○ | DIORITE        | ○  | 0-5% " "                |
| ○ | GABBRO         | ○  | 50-100% " "             |
| ○ | FINE GRAINED   | H  | HORNBLLENDE             |
| ○ | MEDIUM "       | HY | HYPERTHENE              |
| ○ | COARSE "       | E  | EPIDOTE                 |
|   |                | A  | AUGITE                  |
|   |                | B  | BIOTITE                 |
|   |                | C  | CHLORITE                |

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