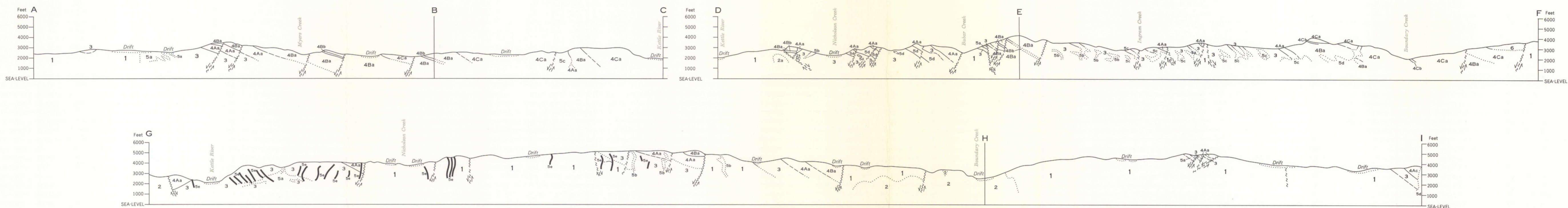


GEOLOGICAL SURVEY OF CANADA
DEPARTMENT OF ENERGY, MINES AND RESOURCES



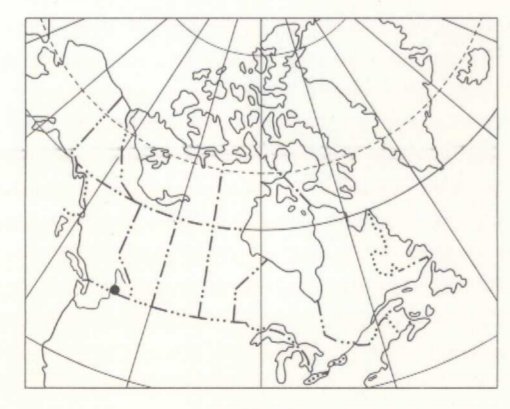
Sections along A-B-C, D-E-F, and G-H-I

PRELIMINARY SERIES



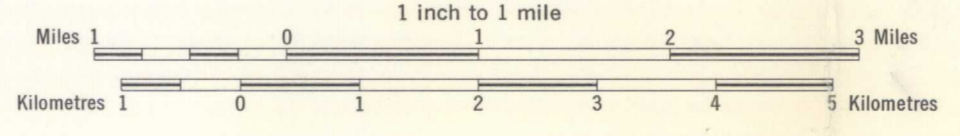
LEGEND

- OLIGOCENE (?)**
 - 6 Breccia, composed of chert, greenstone, syenite, diorite, gabbro, and some serpentine
 - EOCENE AND (?) LATER**
 - 5 Intrusive rocks: 5a, alkaline syenite, largely rhomb-porphry (equivalent to lavas of division 4A); 5b, syenite and diorite (equivalent to lavas of division 4B); 5c, diorite (equivalent to lavas of division 4C); 5d, undivided syenitic rocks of Coryell type (in part, possibly equivalent to 4B); 5e, undivided dykes; too small to map and shown symbolically as short solid line indicating position and trend of dyke; largely intrusive equivalent of divisions 4A, 4B, 4C but some of unknown affinity
 - EOCENE**
 - 4 **MARBON FORMATION (4A, 4B, 4C):**
Division 4C: 4Ca, andesite; 4Cb, tuff and conglomerate
Division 4B: 4Ba, andesite and trachyandesite; 4Bb, tuff
Division 4A: 4Aa, sodic trachyte, in part under-saturated and minor phonolite; 4Ab, related rocks characterized by flow breccias and inter-bedded pyroclastics; 4Ac, related (?) trachytes
 - 3 **KETTLE RIVER FORMATION:** feldspathic and lithic volcanic sandstones and siltstones; shale and conglomerate; minor acid and intermediate pyroclastic and flow rocks
 - CRETACEOUS**
 - 2 Oranodiorite, granite and leucocratic gneissic rocks; 2a, mainly intrusive rocks of gneissic composition (may be Tertiary)
 - JURASSIC TO LATE PALAEOZOIC**
 - 1 Limestone, chert, phyllite, schist, sandstone, conglomerate, greenstone, amphibolite, serpentine
- Drift-covered area
- Geological boundary (defined, approximate, assumed)
- Bedding (horizontal, inclined, vertical)
- Fault (defined, approximate, assumed)
- Thrust fault (teeth in direction of dip; defined, assumed)
- Axial trace of anticline (approximate)
- Tertiary rocks in west half mapped by J. W. H. Monger, 1965; pre-tertiary rocks mapped by H. W. Little, 1965; rocks in east half mapped by H. W. Little and E. Thorpe, 1963, 1964
- Geological cartography by the Geological Survey of Canada, 1966
- Base-map compiled by the Surveys and Mapping Branch, 1961
- Approximate magnetic declination 1968, 21° 53' East decreasing 3.0' annually
- Elevations in feet above mean sea-level



MAP 10-1967
PAPER 67-42
GEOLOGY
GREENWOOD
BRITISH COLUMBIA

Scale 1:63,360
1 inch to 1 mile



MANUSCRIPT AND
CARTOGRAPHY
OCT 29 1968
SECTION

824/1	824/6	824/9
824/4	824/7	824/8
824/2	824/5	824/3
10-1967		

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE
GREENWOOD
BRITISH COLUMBIA