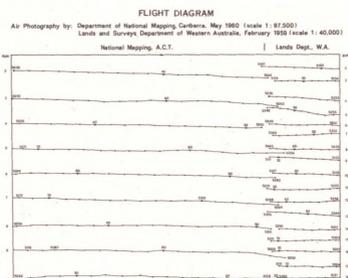


- SYMBOLS**
- Geological boundary
 - Fault
 - Approximate
 - Concealed
 - Inferred and concealed
 - Boulding
 - Strike and dip measured
 - Strike and dip unmeasured
 - Horizontal
 - Vertical
 - Overturned
 - Trend of bedding or foliation
 - Plunge of minor fold axis
 - Lineation with plunge
 - Elongation of stretched pebbles
 - Igneous banding
 - Inclined
 - Metamorphic foliation
 - Inclined
 - Vertical
 - Change
 - Inclined
 - Vertical
 - Current direction (cross-bedding)
 - Flow direction in acid volcanic
 - Specimen locality

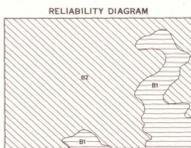
- Aboriginal reserve boundary (approximate)
- Highway, formed only
- Track
- Nationalist control, major
- Soil height, approximate
- Locality
- Position doubtful
- Sand dunes
- Watercourse, intermittent
- Recent drainage line, mainly in calcaree
- Waterhole
- Rockhole
- Grass hole
- Well
- Bore

- Mineral occurrence**
- Copper
 - Fluorite
 - Monazite
 - Ochre
 - Taiferous magnetite with vanadium

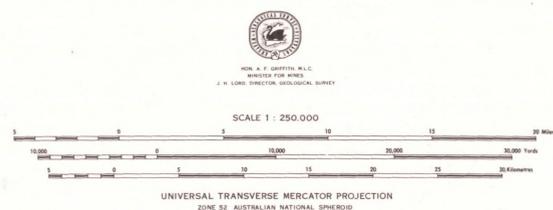


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Copies of this map may be obtained from the Geological Survey of Western Australia or Perth, or the Bureau of Mineral Resources, Geology and Geophysics in Canberra, A.C.T.



B1 Numerous traverses with air photo interpretation
 B2 Air photo interpretation with a few traverses



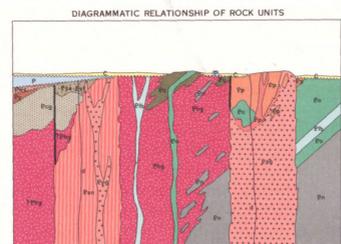
INDEX TO ADJOINING SHEETS

WARRI SG 51 - 4	COBB SG 52 - 1	RAWLINSON SG 52 - 2
BROWNE SG 51 - 8	BENTLEY SG 52 - 5	SCOTT SG 52 - 6
YOWALGA SG 51 - 12	TALBOT SG 52 - 9	COOPER SG 52 - 10



- REFERENCE**
- Qa Alluvium and river gravel
 - Qp Lake deposits—clay and pebbles
 - Qs Eolian sands
 - Qc Colluvium—partly consolidated
 - Ca Calcrete, calcareous gravel and opaline silica
 - Cl Laterite and lateritic gravel
 - Cs Deeply weathered rock—weathering mainly affects Palaeozoic rocks
 - P Sandstone, porous silts, and pebbly beds—fluvio-glacial and glacial deposits
 - TOWNSEND QUARTZITE: quartzite and sandstone
 - Ppa Porphyritic acid volcanic rocks. Some white perlitic rhyolite
 - Ppb Deacidified andesite—abundant perlitic cracks
 - Ppc Agglomerate—acid volcanic fragments
 - Ppd Tuff—acidic green-green
 - Ppe Quartzite with minor acid lava and tuff
 - Ppva Siliceous breccia—possibly associated with faulting in Ppa
 - Ppv Felsite—pink to brown, fawn crystalline, altered flow
 - Ppvc Porphyritic acid volcanic rock—abundant flow-banding, much white perlitic rhyolite
 - Ppvg **OLYVE FORMATION:** amphibolite, mica schist and marble. Originally basic amphibolite (felsite, tuff, siltstone, and dolomite)
 - Ppvh Amphibolite and garnet amphibolite—originally amphibolite basic lavas
 - Ppvh Quartzite and quartz-muscovite schist—well bedded, relic cross-bedding

- IGNEOUS ROCKS**
- Dolerite sheets and dikes—several ages
 - Pyroxenite
 - Gabbro and minor granite—generally related to the Palaeozoic volcanic association
 - Porphyritic monzonite—related to Ppg
 - Gabbro, trachyte, andesitic gabbro—generally well bedded
 - Damaged gabbroic rocks
 - Gabbro—closely related to Pp
 - Granitic gneiss—closely related to Ppa and Ppv
 - Complex of adamellite gneiss, adamellite and relic masses of granite, much migmatization



- C Undifferentiated Cambrian
- Pp Palaeozoic volcanic association
- Ppa Casside Group (not exposed)
- Ppv Granulite and downgraded granulite
- Disconformity

DIAGRAMMATIC SECTION
 NATURAL SCALE
 SECTION A - B

