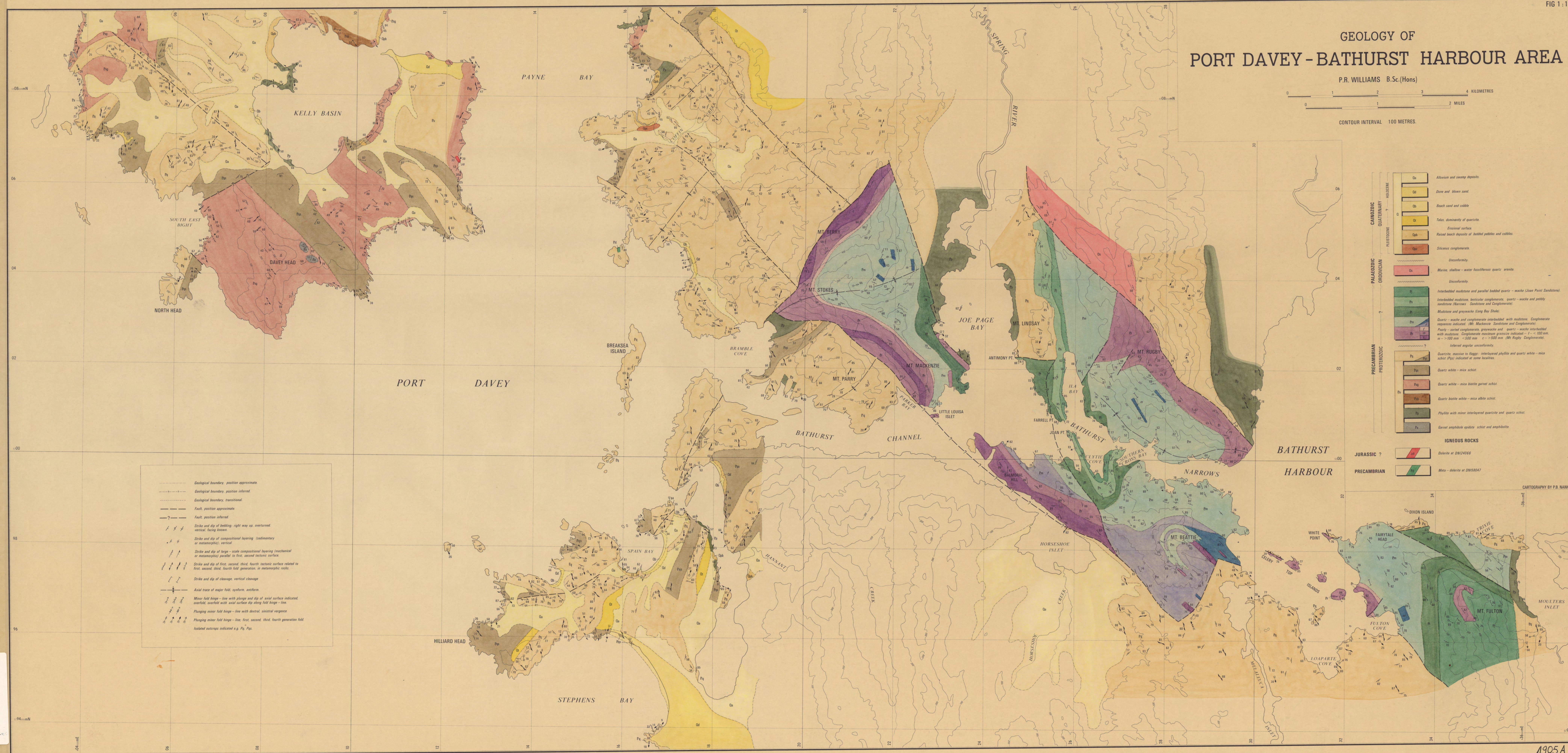
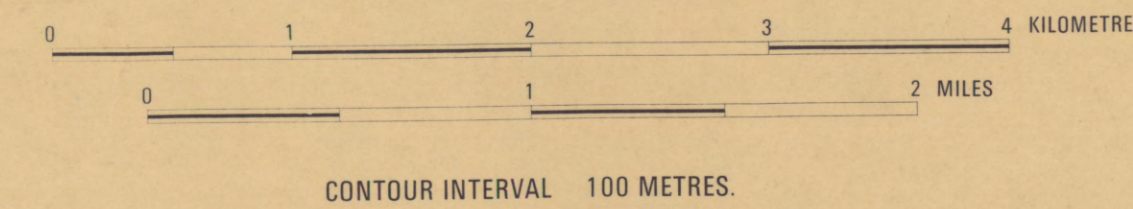


GEOLOGY OF PORT DAVEY-BATHURST HARBOUR AREA

P.R. WILLIAMS B.Sc.(Hons)



- Geological boundary - position approximate.
- Geological boundary - position inferred.
- Geological boundary - transitional.
- Fault, position approximate.
- Fault, position inferred.
- Strike and dip of bedding: right way up, overturned, vertical, facing known.
- Strike and dip of compositional layering (sedimentary or metamorphic), vertical.
- Strike and dip of large-scale compositional layering (metamorphic) parallel to first, second tectonic surface.
- Strike and dip of first, second, third, fourth tectonic surface related to first, second, third, fourth fold generation, in metamorphic rocks.
- Strike and dip of cleavage, vertical, cleavage.
- Axial trace of major fold, system, antiform.
- Minor fold hinge - line with plunge and dip of axial surface indicated, overfold, overfold with axial surface dip along fold hinge - line.
- Plunging minor fold hinge - line with dorsal, sinistral vergence.
- Plunging minor fold hinge - line, first, second, third, fourth generation fold.
- Isolated outcrops indicated e.g. Pq, Pq.

- | PERIOD | UNIT | DESCRIPTION |
|---------------|------|--|
| CENOZOIC | Qa | Alluvium and swampy deposits |
| | Qd | Dune and blown sand |
| | Qc | Beach sand and cobble |
| | Qs | Fine, dominantly of quartzite |
| | Qp | Faceted beach deposits of bedded pebbles and cobbles |
| PALEOZOIC | Pa | Siliceous conglomerate |
| | Un | Unconformity |
| PRECAMBRIAN | Pr | Marine, shallow-water fossiliferous quartzite |
| | Un | Unconformity |
| | Pt | Interbedded mudstone and parallel bedded quartz - wacke (Jean Point Sandstone) |
| | Pt | Interbedded mudstone, lenticular conglomerate, quartz - wacke and pebbly sandstone (Mackenzie Sandstone and Conglomerate) |
| | Pt | Mudstone and greywacke (Long Bay Shale) |
| | Pt | Quartz - wacke and conglomerate interbedded with mudstone. Conglomerate sequences indicated (Mt. Mackenzie Sandstone and Conglomerate) |
| | Pt | Partly - sorted conglomerate, greywacke and quartz - wacke interbedded with mudstone. Conglomerate maximum grain size indicated: f - 100 mm, s - 100 mm - 500 mm, t - 500 mm (Mt. Ruggie Conglomerate) |
| | Pt | Inferred angular unconformity |
| | Pt | Quartzite, massive to fluggy, interlayered phyllite and quartz white - mica schist (Pq) indicated at same localities |
| | Pt | Quartz white - mica schist |
| IGNEOUS ROCKS | Pg | Quartz white - mica biotite gneiss schist |
| | Pg | Quartz biotite white - mica schist |
| | Pg | Quartz biotite white - mica schist |
| | Pg | Phyllite with minor interlayered quartzite and quartz schist |
| | Pg | Granite amphibole aplite schist and amphibolite |
| JURASSIC ? | Ju | Dolerite at DN24086 |
| PRECAMBRIAN | Pc | Meta - dolerite at DN58047 |

CARTOGRAPHY BY P.B. NANKIVELL

4905 A

151

5 cm

4905 A