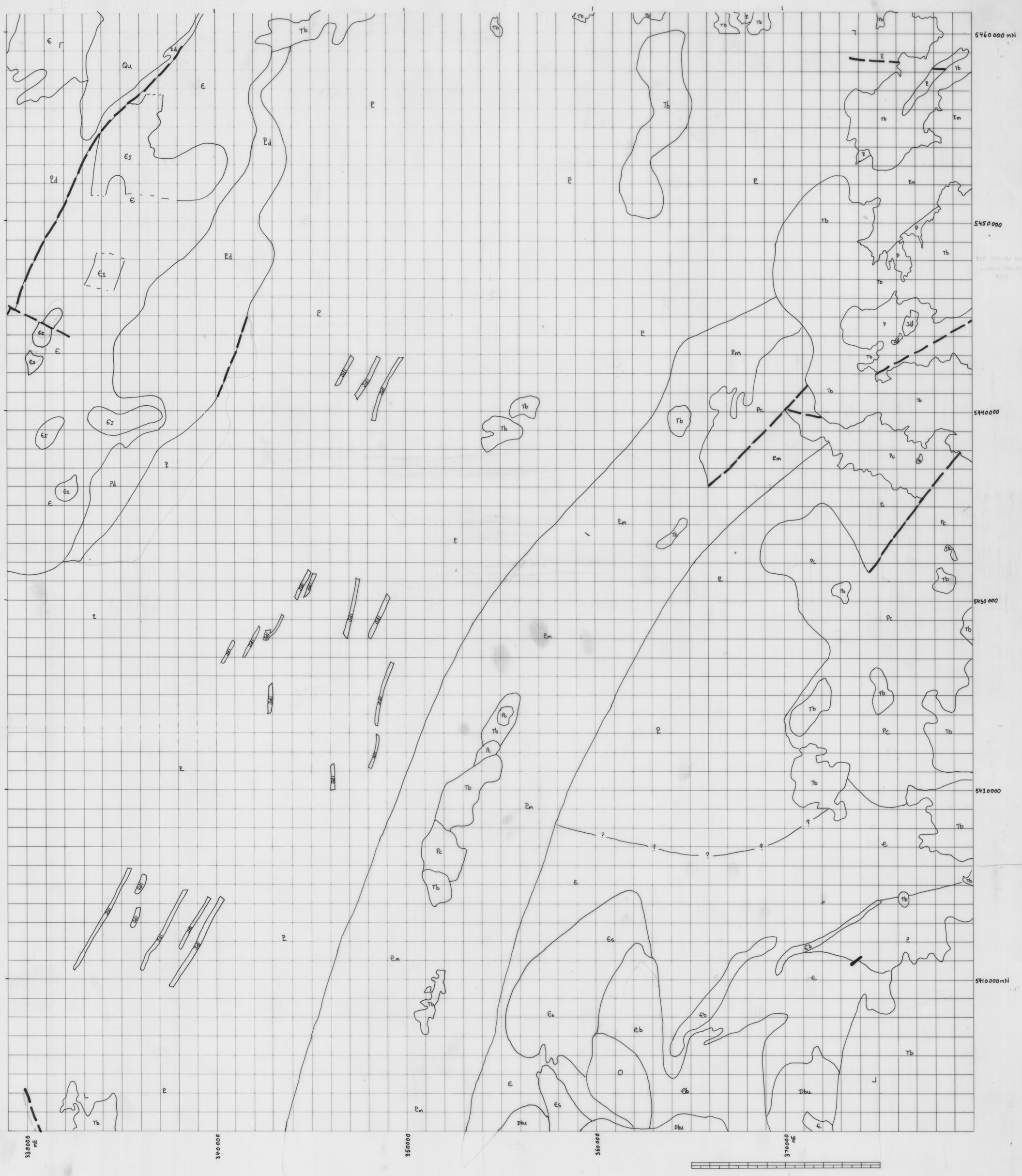
ARTHUR RIVER
1:100000
GEOLOGY

929043




## KEY

| | | |
|---|---|---|
| Qu | Quaternary | Alluvium, sand, gravel and talus. Till, fluvioglacial, periglacial, and associated deposits. |
| Tu | Tertiary | Non marine sequences; marine limestone. |
| Pc | Triassic Permian Upper Carboniferous | Fluvio-lacustrine sequences of sandstone, siltstone, mudstone with carbonaceous sequences. Fresh water sequence with some coal. Upper glacio-marine sequence of pebbly mudstone, pebbly sandstone and limestone. Lower glacio-marine sequence of pebbly mudstone, pebbly sandstone, minor limestone, Tasmanite oil shale and basal tillite. (Permian: Upper Group) |
| O | Lower Devonian-Silurian Ordivician | Some quartzwacke sequences and siltstone-shale sequences; Devonian limestone-siltstone. Limestone sequence. Siliceous terrestial conglomerate, marine quartzwacke and siltstone. (Eldon Group; Junee Group) |
| Є | Cambrian | Middle-Upper Cambrian fossiliferous usually greywacke turbidite sequences; and with intermediate volcanic and associated rocks, and horizon with fossiliferous Upper Cambrian shallow water deposits. Probably Cambrian unfossiliferous usually greywacke turbidite sequences; probably Cambrian unfossiliferous orthoquartzite sequence. (Tyndale Group; Mt Read Volcanics rather) |
| P | PreCambrian | Comparatively unmetamorphosed sequences. mudstone, orthoquartzite, quartzwacke turbidite successions, conglomerate, dolomite (Ꝑd). |
| Pm | | Metamorphic rocks: pelitic sequences, metaquartzite sequences with some platy quartzite units indicated. |

### Igneous Rocks

| | | |
|---|---|---|
| Tb | Tertiary | Basalt and related rock types. |
| Jdl | Jurassic | Dolerite and related rock types. |
| Dbu | Lower Carboniferous Upper Devonian | Dominantly adamellite-granite. |
| Є | Cambrian | Es - Serpentinite, peridotite and associated rocks. Er - Acid with intermediate volcanic and associated rocks. Eb - Basic-intermediate volcanic and associated rocks. |

— Fault

5 cm

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Tasmania - Regional Bulk Sampling - Inter-Office Memorandum
CSR Limited*
Ellis, P.D.

| | | |
|---|---|---|
| WELCOME 7816 | CIRCULAR HEAD 7916 | TABLE CAPE 8016 |
| SANDY CAPE 7815 | ARTHUR RIVER 7915 | HELLYER 8015 |
| CONICAL ROCKS 7814 | PIEMAN 7914 | SOPHIA 8014 |

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ARTHUR RIVER

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