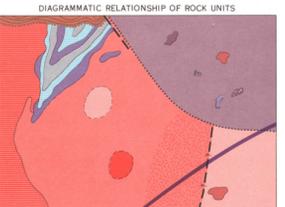


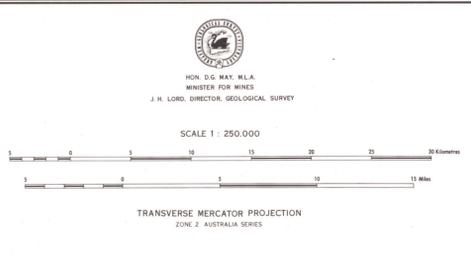
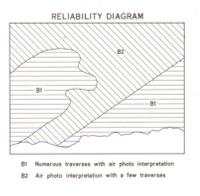
- SYMBOLS**
- Geological boundary
 - Accurate
 - Approximate
 - Fault
 - Type of fault
 - Graded bedding
 - Pinch structures
 - Bedding
 - Measured
 - Vertical
 - Unmeasured
 - Unconformity
 - Structure
 - Measured
 - Vertical
 - Unmeasured
 - Unconformity
 - Plunge of minor anticline
 - Plunge of minor syncline
 - Plunge of major anticline
 - Plunge of major syncline
 - Air photo treatment
 - Sample locality, age determination

- REFERENCE**
- Q1a Lacustrine deposit—clay, silt and sand; saline and gypsumiferous
 - Q1b Lacustrine and fluvial deposit—silt, sand and gravel; saline, gypsumiferous where adjacent to Q1a
 - Q1c Alluvium—clay and silt; clay in channels and terraces; fine saline to brackish
 - Q1d Colluvium and minor alluvium derived from units Q1a, Q1b, Q1c, Q1e, Q1f
 - Q1e Colluvium of locally eroded surface; coarse rock fragments and minor alluvium
 - Q1f Coastal dune sand forming long parallel dunes on coastal plains; overlies Q1d
 - Q1g Beach sand
 - Q2a Alluvium—silt, sand and gravel deposit; alluvium from units Q1a, Q1b, Q1c, Q1d
 - Q2b Alluvium of recent drainage
 - Q2c Estuarine deposit—silt in sheets and dunes
 - Q2d Estuarine deposit—silt and clay in sheets and dunes
 - Q2e Coloured muds, siltstones and clays, form consolidated coastal dunes and forebeach reefs
 - Q3a Clay, silt and sand, calcareous; contains nodular and sheet karst
 - Q3b Sandstone—mostly sand, undulating surface
 - Q3c Sandstone—mostly silt or clay, with some calcareous pebbles and limonite nodules
 - Q3d Gravel plain—mostly unconsolidated limonite gravel, in part sand or lean matrix
 - Q3e Limestone deposit—concreted, limonite gravel and sandstone
 - Q3f Siliceous—siliceous siltstone rock with angular quartz grains
 - Q3g Deep-washed rock, kaolinitic, in part ferruginous and silicified
 - Q3h Sandstone and conglomerate cemented with hematite and limonite; quartzite; in part underlies T1c
 - Q3i Magnetite with associated Q3s

- Plutonism Group**
- T1c **PALIMPSESTINE**: yellow to grey siltstone, silt sandstone and siltstone; with basins
 - MOUNT BAREN BEDS**: sedimentary rocks, unassigned
 - T1b Phyllite, siltstone, minor sandstone and quartzite
 - T1a Massive quartzite
 - T1d Detritite, with stromatolites
 - T1e Conglomerate, includes basal conglomerate (siltstone), and interformational conglomerate (siltstone)
 - T2a Granite
 - T2b Diorite - G. detritite and gabbro; 2. zircon; 3. quartz
 - T3a **Widjemanthia Dyke Suite**
 - T3b Metamorphosed ultrabasic rocks
 - T3c Magnetite with layered structure
 - T3d Magnetite with subvolcanic and schistose structure, includes banded and highly metamorphosed sediments
 - T3e Rhyolite or metamorphosed granitic rock with megacrysts
 - T3f Mafic or amphibolite magnetite
 - T3g Magnetite, unassigned
 - T3h Transitional magnetite of uncertain age
 - T4a Transitional granitic rocks of uncertain age
 - T4b Granite rock unassigned
 - T4c Adamellite, porphyritic
 - T4d Granite/adamellite, younger, fine-grained unit, intrudes A1b
 - T4e Granite/adamellite, medium to coarse-grained, A1d sheared variety
 - T4f Granite/adamellite, older, fine-grained unit intruded by A1d
 - T4g Quartz detritite, with related lithium-bearing pegmatite indicated (s)
 - T4h Magnetite, mainly with banded and schistose structures
 - T5a Fine-grained mafic rock, phylloxy and variolite; in part, includes plagioclase-hornblende, diopside, and tremolite-chlorite-clinozoisite assemblages
 - T5b Basic gneiss
 - T5c Serpentine, after intrusive and minor relative peridotite
 - T5d Ultrabasic rock, altered to schistose talc-carbonate-hornblende-chlorite rock
 - T5e Sandstone, quartzite, phyllite, chert
 - T5f Conglomerate
 - T5g Banded iron and banded chert formations
 - T5h Felsic extrusives, mainly dacite
 - T5i Amphibolite, includes hornblende-plagioclase-epidote-chlorite-garnet-quartz-calcite epidote assemblages



- Possible fault
- Unconformity
- Possible metamorphic front
- Possible metamorphic front
- MOUNT BAREN BEDS**
- Widjemanthia Dyke Suite
- Granite
- Magnetite
- Metamorphosed serpentinite
- Metamorphosed sediment
- Metamorphosed mafic rock
- Quartz detritite
- Porphyritic granite
- Five-grained granite
- Medium to coarse-grained granite
- Sedimentary rock
- Mafic rock
- Serpentine



INDEX TO ADJOINING SHEETS

HYDEN SI 50-4	LAKE JOHNSTON SI 51-1	NORSEMAN SI 51-2
NEWGATE SI 50-8	RAVENSTHORPE SI 51-5	ESPERANCE SI 51-6
BREMERS BAY SI 50-12	SOUTHERN OCEAN	MONDRÄIN IS.

