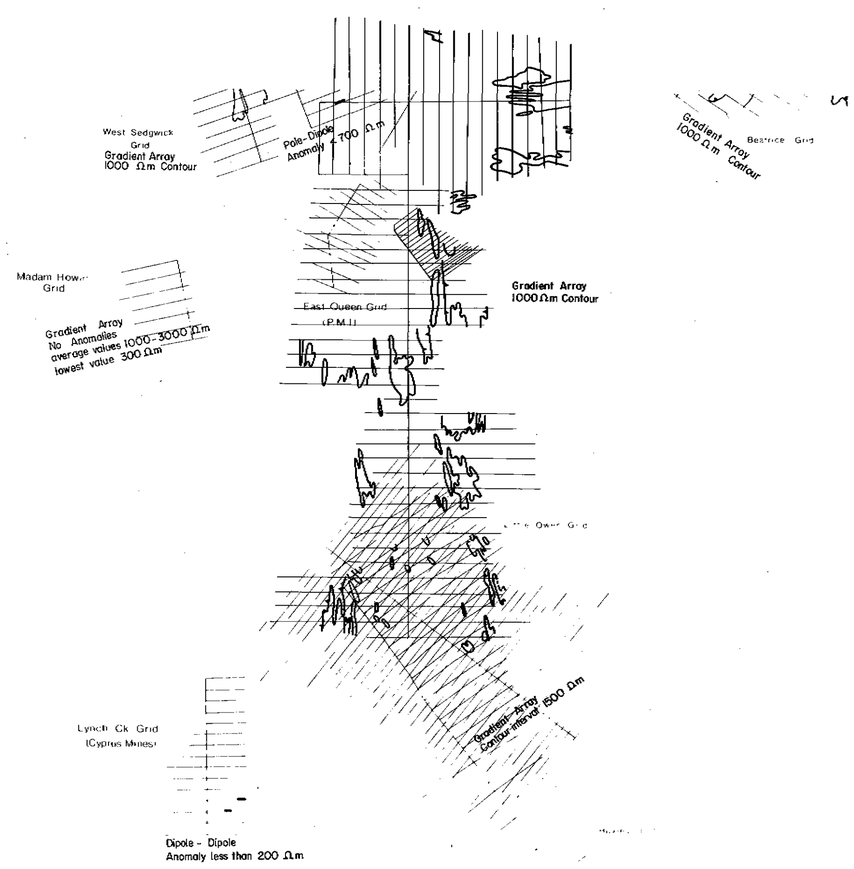
SHEET 16(III)

82-1834



Overlay 16(III) of 1:50000 Dundas compilation, Tasmania

5 cm

I.P. ANOMALIES - RESISTIVITY

Sheet 3

Date June '82

SHEET 3

82-1834

SHEET 16(III)

82-1834

Gradient Array 1000 Ω.m Contour

Gradient Array 1000 Ω.m Contour

Pole-Dipole Anomaly 700 Ω.m

Gradient Array 1000 Ω.m Contour

Gradient Array No Anomalies Average values 1000 - 3000 Ω.m Lowest value 500 Ω.m

Gradient Array Contour interval 1500 Ω.m

Dipole - Dipole Anomaly less than 200 Ω.m

Pole - Dipole average value 500 Ω.m

Pole - Dipole average value 400 - 500 Ω.m

Gradient Array average value 10 000 Ω.m

E.L.9/66

OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN
- PЄ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e$_s$ Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated
- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- RH5 Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

5 cm

SCALE 1:50 000

KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

5 cm

GEOL

I.P. ANOMALIES - RESISTIVITY

Sheet 3

Date June '82

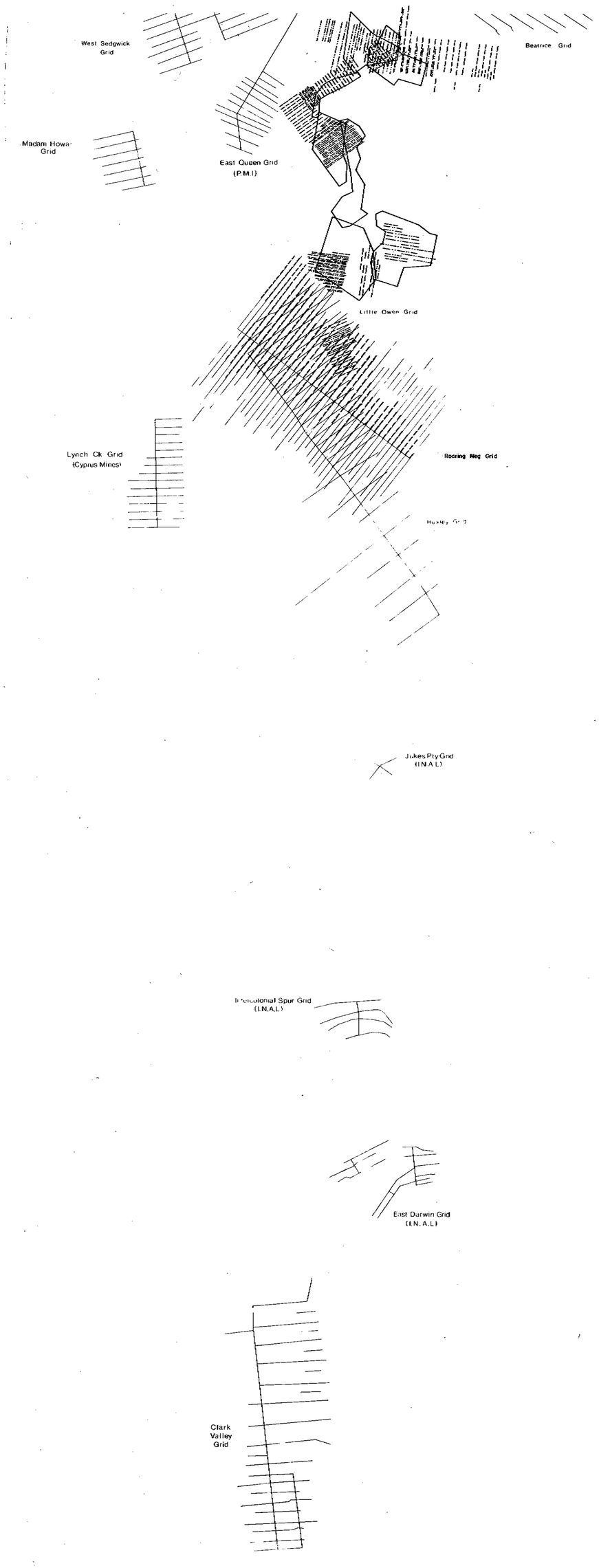
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 16(III) of 1:50000 Dundas compilation, Tasmania

7433

SHEET 17(III)

82-1834 59



Mt. Lyell Mine Lease Grids

—— Blazely & Douglas	, 1934-36	Mt.Lyell Files	E.P.
—— B M R	, 1949	Record No. 1958/111	E.P.
– – – Riotinto	, 1958	Mt.Lyell Files	Turam
– – – BMR	, 1959-67	Record Nos. 1957/50, 1959/36, 1965/94, 1966/103 & 1967/100.	Turam
—·—·— BMR	, 1948-67	Record Nos. 1958/111 & 1967/100.	S.P.
—·—·— CGG	, 1971	Mt. Lyell File No. 14	S.P.

Roaring Meg Grid

---- Pickands Mather	, 1967	Mt. Lyell Files (2 reports) Dip Angle E M ; no results held. Coverage shown is geochemical survey.

Overlay 17 (III) of 1:50000 Dundas compilation, Tasmania

5 cm

E.M; S.P; GRAVITY & APPL'D POT. COVERAGE

Sheet 3

Date June '82

SHEET 3

7433

SHEET 17(111)

82-1834

82-1834

59

Mt. Lyell Mine Lease Grids

Blazely & Douglas	1934-36	Mt. Lyell Files	E.P.
BMR	1949	Record No. 1958/111	E.P.
Riotinto	1958	Mt. Lyell Files	Turam
BMR	1959-67	Record Nos. 1957/50, 1959/36, 1965/94 1966/103 & 1967/100.	Turam
BMR	1948-67	Record Nos. 1958/111 & 1967/100.	S.P.
CGG	1971	Mt. Lyell File No. 14	S.P.

Roaring Meg Grid

Pickands Mather 1967 — Mt. Lyell Files (2 reports) Dip Angle E.M. no results held. Coverage shown is geochemical survey

E.L. 9/66

OTHER GEOLOGICAL UNITS

QUATERNARY
- Q — Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T — Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb — Basalt

JURASSIC
- Jd — Dolerite

PERMIAN
- P — Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD — Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O — Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc — Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € — Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g — Granite (Murchison, Darwin Granites)
- €u — Ultramafic rock

PRECAMBRIAN
- P€ — Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t — Tyndall Group (including Jukes Breccia Member, Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e — Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ — Volcanics
- €e$_c$ — Volcaniclastic conglomerate
- €e — Undifferentiated

- €e$_j$ — Jukes - Darwin sequence

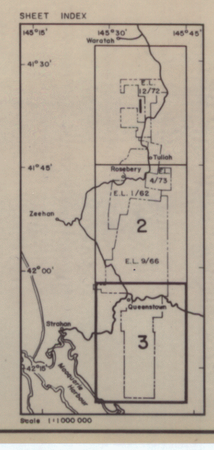
CENTRAL SEQUENCE
- €c — Main belt feldspar-phyric volcanics
- €c$_q$ — Quartz-phyric volcanics
- €c$_a$ — Major andesitic units
- €c$_s$ — Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ — Quartz-feldspar porphyry
- €w$_v$ — Predominantly volcanic
- €w$_s$ — Predominantly sedimentary

- approximate geological boundary
- inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- Drill Hole RH5
- E.L. Boundary
- M.L. Boundary

SHEET INDEX



Scale 1:1 000 000

5 cm

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

5 cm

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOLOGY - INTERPRETATION

E.M; S.P; GRAVITY & APPL'D POT. COVERAGE

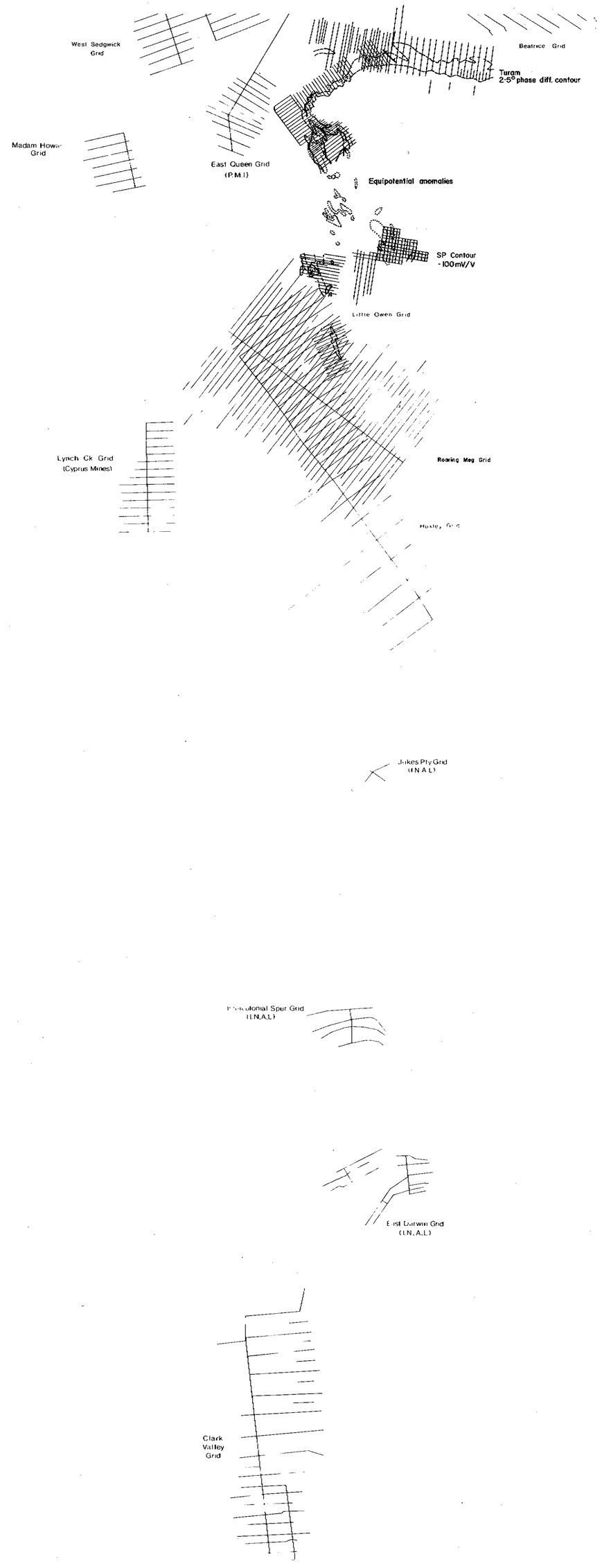
Sheet 3

Date June '82

GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 17(III) of 1:50000 Dundas compilation, Tasmania

7466
SHEET 18(III)
82-1834 62



Roaring Meg Grid

Pickands Mather, 1967 E.M. Anomalies cited in report, but no maps held by Mt. Lyell.

Overlay 18 (III) of 1:50000 Dundas compilation, Tasmania

5 cm

E.M; S. P; GRAVITY & APPL'D POT. ANOMALIES

Sheet 3 Date June '82

SHEET 3

7308

82-1834

7468

SHEET 18(III)

82-1834 62

Turam
2·5° phase diff. contour

Equipotential anomalies

SP Contour
100mV/V

Roaring Meg Grid

Pickands Mather, 1967

E.M. Anomalies cited in report, but no maps held by Mt. Lyell.

E.L.9/66

OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
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PRECAMBRIAN
- P€ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated
- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
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- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

5 cm

SCALE 1:50 000

KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT, TASMANIA

5 cm

GEOLOGY - INTERPRETATION
E.M; S.P; GRAVITY & APPL'D POT. ANOMALIES

Sheet 3
Sheet 3

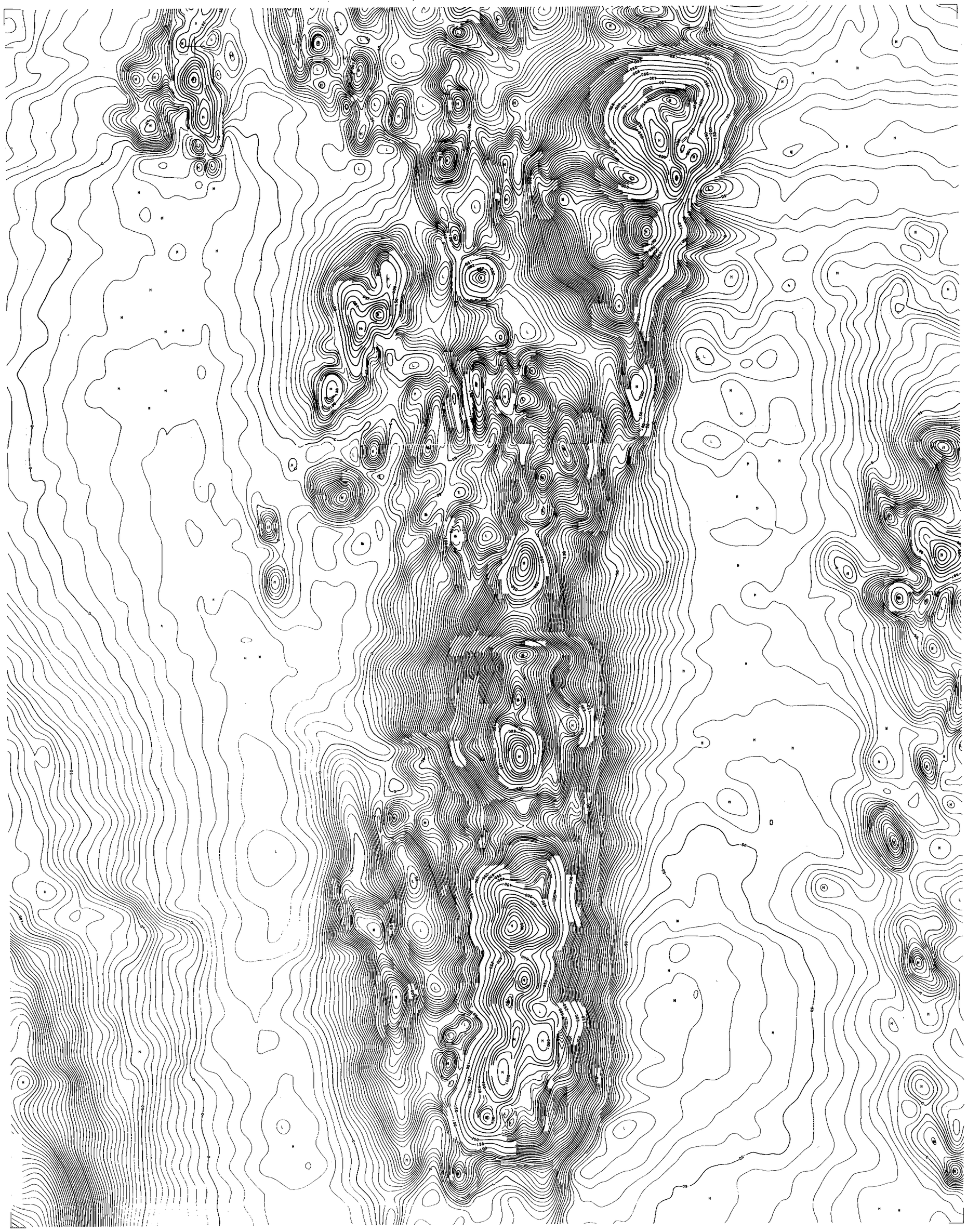
Date June '82
Date Jan 82

GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 18 (III) of 1:50000 Dundas compilation, Tasmania

SHEET 19(III)

82-1854



Overlay 19 (III) of 1:50000 Dundas compilation. Tasmania

Survey by GEOEX Pty. Ltd. for the
DEPARTMENT OF MINES, Tasmania,
May 1981.
CONTOUR INTERVAL 5 n Tesla

5 cm

AEROMAGNETIC RESIDUAL TOTAL INTENSITY CONTOURS

Sheet 3

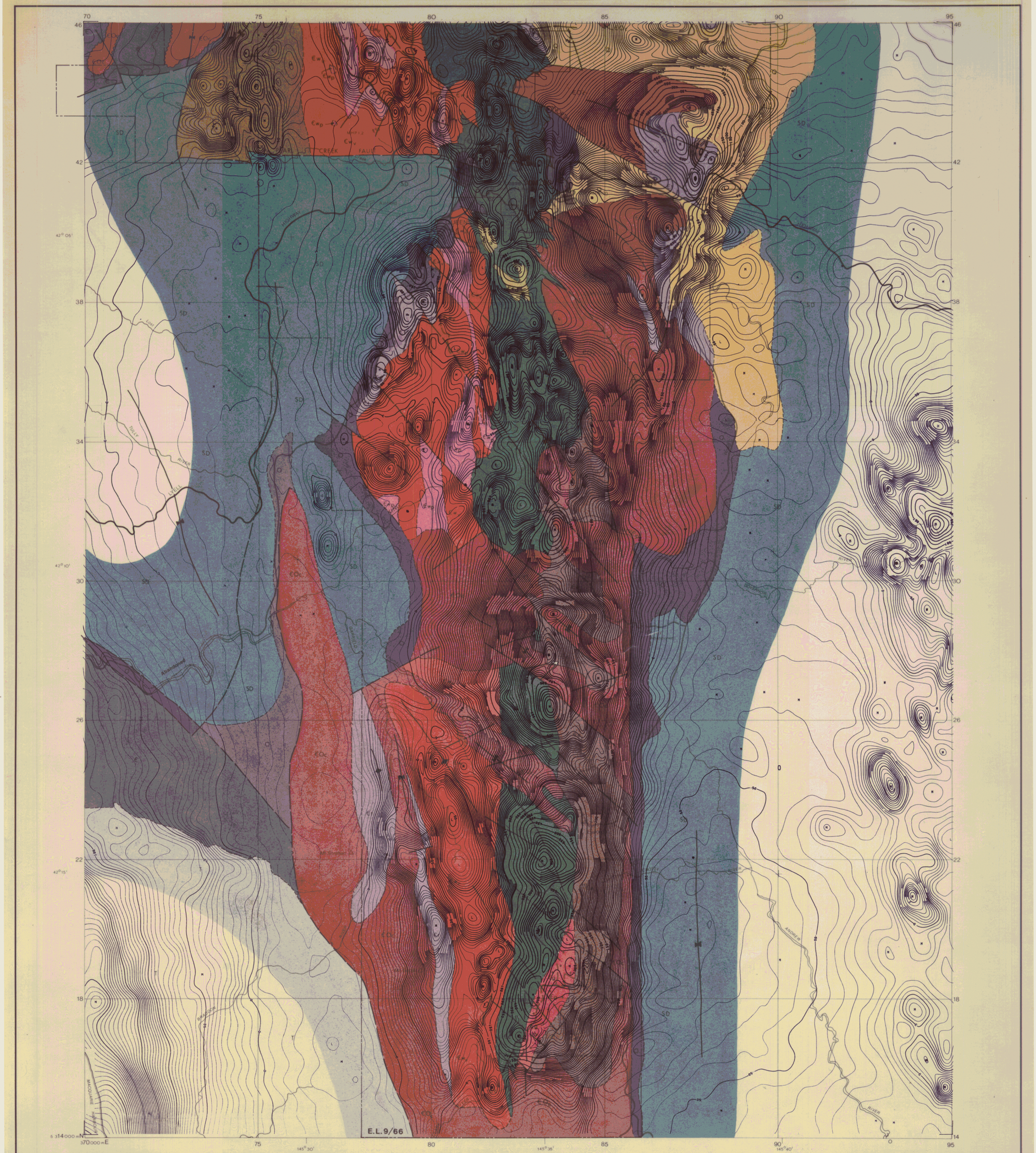
Date Sept. '82

SHEET 3

82-1834

SHEET 19(III)

82-1834



OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentiary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN
- P€ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e$_s$ Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated
- €e$_j$ Jukes - Darwin sequence

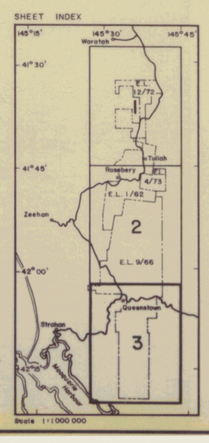
CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- RH5 Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX



Survey by GEOEX Pty. Ltd. for the DEPARTMENT OF MINES, Tasmania, May 1981.
CONTOUR INTERVAL 5n Tesla

5 cm

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

5 cm

GEOLOGY - INTERPRETATION
AEROMAGNETIC RESIDUAL TOTAL INTENSITY CONTOURS

Sheet 3 — Date Sept. '82
Sheet 3 — Date Jan 82

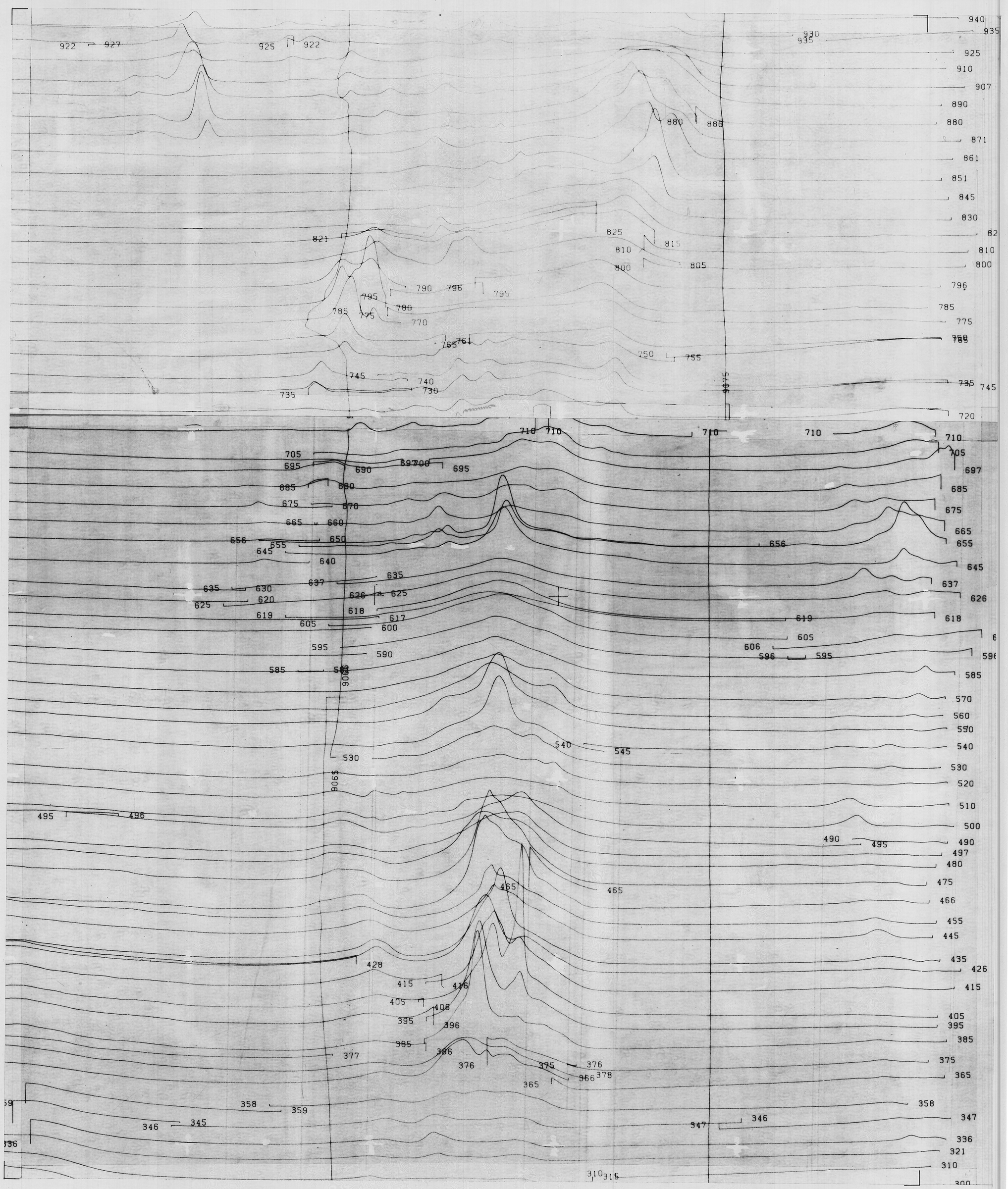
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 19(III) of 1:50000 Dundas compilation, Tasmania

7442

SHEET 20(III)

82-1834 68



Overlay 20(III) of 1:50000 Dundas compilation, Tasmania

Survey by GEOEX Pty Ltd. for the
DEPARTMENT OF MINES, Tasmania,
May 1981
BASELINE VALUE On Tesla
VERTICAL SCALE 1cm : 200n T.

5 cm

AEROMAGNETIC RESIDUAL TOTAL INTENSITY STACKED PROFILES

Sheet 3

Date Sept. '82

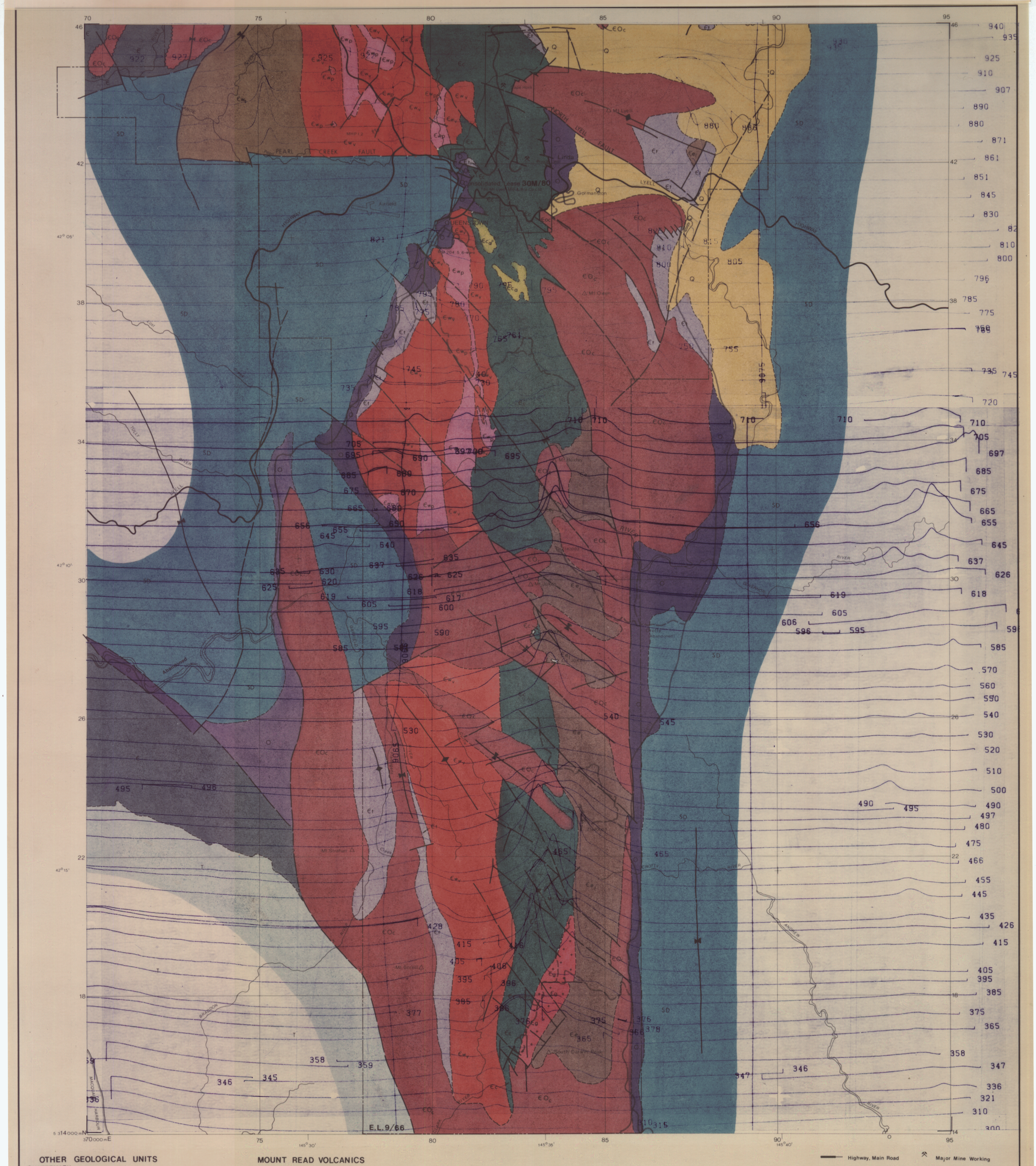
SHEET 3

7442

SHEET 20(III)

82-1834

82-1834



OTHER GEOLOGICAL UNITS

QUATERNARY

- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY

- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC

- Jd Dolerite

PERMIAN

- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN

- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN

- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN

- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN

- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN

- P€ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE

- €e$_s$ Sticht Range sedimentary sequence

Selina Spicer Sequence

- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated
- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE

- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

WESTERN SEQUENCE

- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

- approximate geological boundary
- inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- Drill Hole
- E.L. Boundary
- M.L. Boundary

GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 20(III) of 1:50000 Dundas compilation, Tasmania

Survey by GEOEX Pty. Ltd. for the DEPARTMENT OF MINES, Tasmania, May 1981
BASELINE VALUE On Tesla
VERTICAL SCALE 1cm : 200n T.

SHEET INDEX

Scale 1:1 000 000

5 cm

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

5 cm

GEOLOGY - INTERPRETATION
AEROMAGNETIC RESIDUAL TOTAL INTENSITY STACKED PROFILES

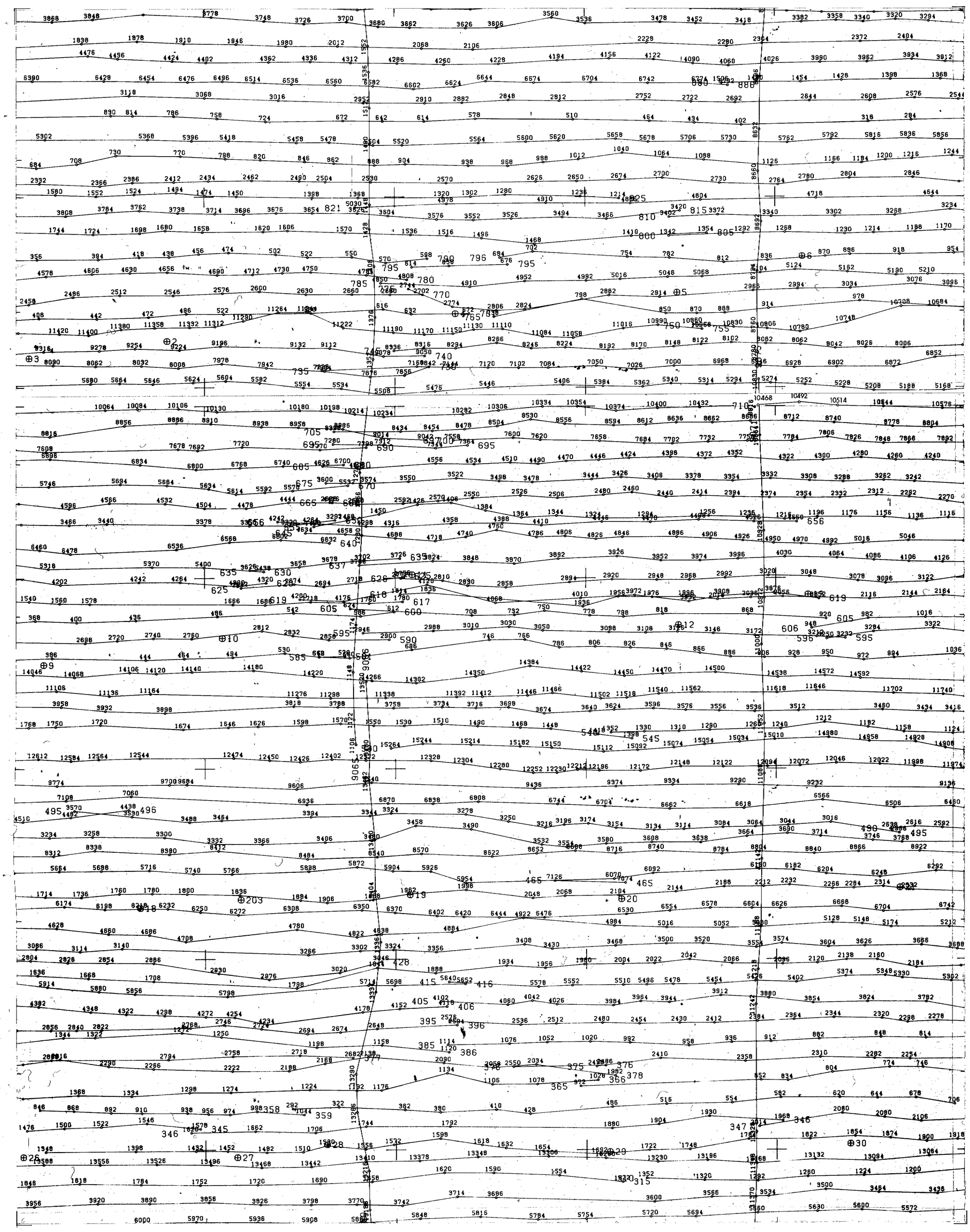
Sheet 3
Sheet 3

Date Sept.'82
Date Jan 82

7445

SHEET 21(111)

82-1834



5 cm

AEROMAGNETIC FLIGHT LINES

Sheet 3

Date June '82

Overlay 21 (III) of 1:50000 Dundas compilation, Tasmania

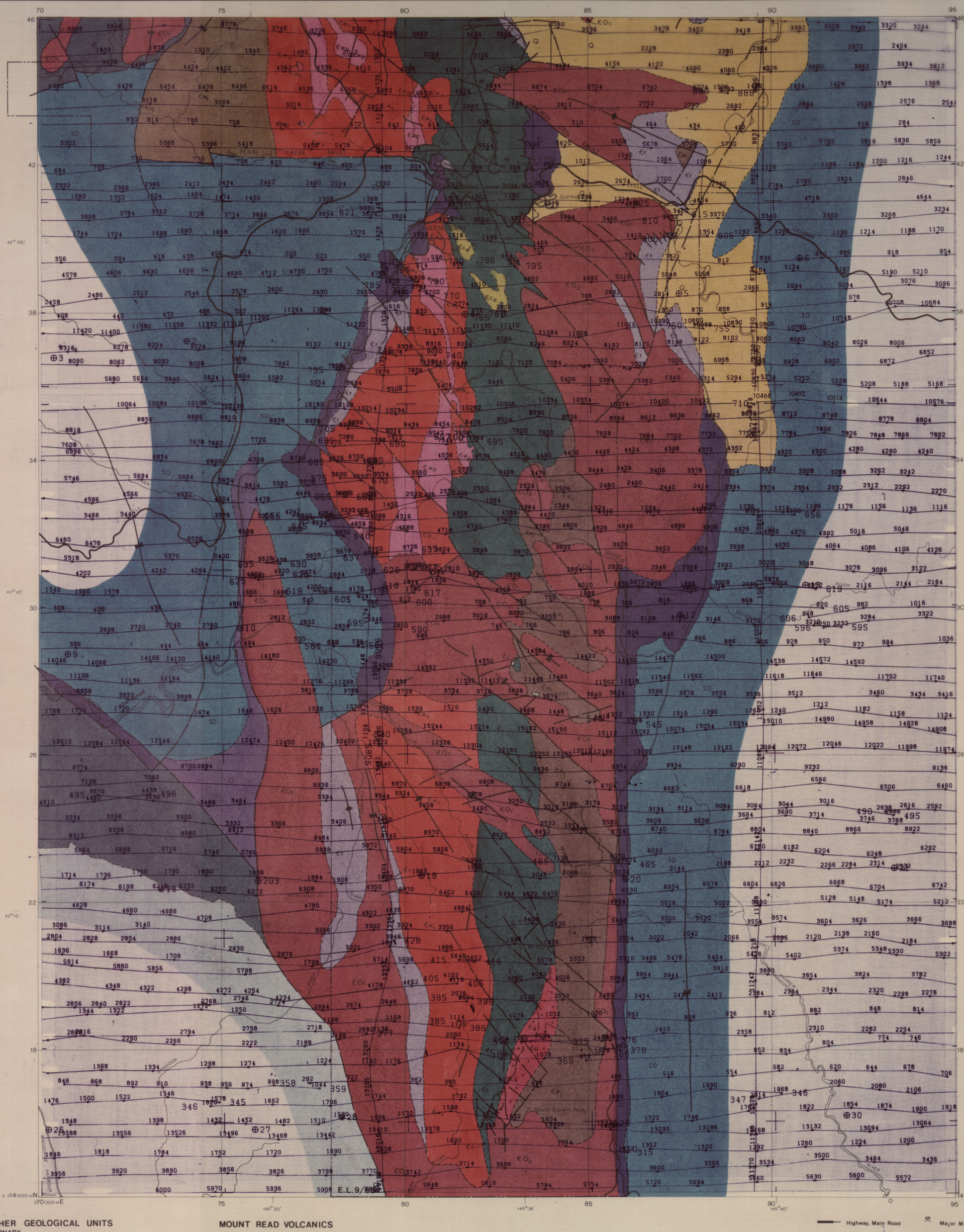
SHEET 3

82-1874

7445

SHEET 21(111)

82-1834

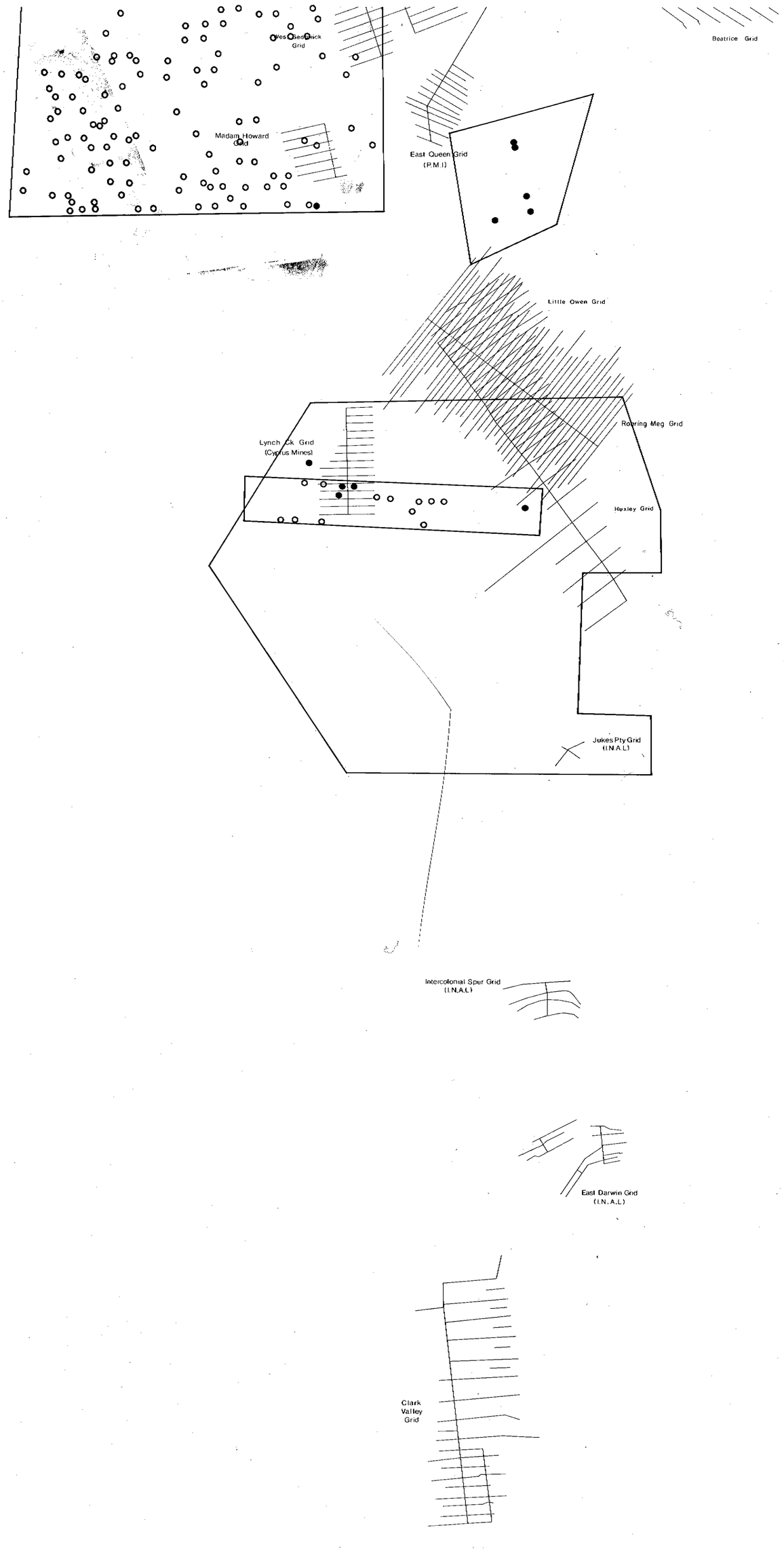

70
75
80
85
90
95
46
42
38
34
30
26
22
18
42° 05'
42° 10'
42° 15'
PEARL CREEK FAULT
NORTH EYELL FAULT
QUEENSTOWN
Linda
Gormanston
Zeehan
Strahan
Rosebery
Tullah
Queenstown
Mt Sedgwick
Mt Stratham
Mt Youngbuck
South Darwin Peak
Mt Murchison
Mt Huxley
Mt Owen
Mt Read
Mt Lyell
Mt Darwin
Mt Jukes
Mt Sophia
Mt Black
Mt Tyndall
Mt Selina
Mt Spicer
Mt Humboldt
Mt Arrowsmith
Mt Youngbuck
Mt Sedgwick
Mt Stratham
Mt Youngbuck
Mt Sedgwick
Mt Stratham
Mt Youngbuck
Mt Sedgwick
Mt Stratham

7448

SHEET 22(III)

82-1834

74



Henty - Yolande Area

Fraser,	1980	Dighem Report No. 310 for Mt. Lyell
Bishop,	1981	Reinterpretation Report ML/MG81/07

Mt. Lyell Mine Lease

Bishop,	1981	Dighem Reinterpretation Report ML/MG81/07

Queenstown Area

Peters & Doorak,	1982	Dighem Report No. 353 for Mt. Lyell

Lynch Creek Area

Fraser,	1980	Dighem Report No. 310 for Mt. Lyell
Bishop,	1981	Dighem Reinterpretation Report ML/MG81/07.

Legend

- Input Anomaly
- Input Anomalous Zone
- Dighem Anomaly
- Mitre Geophysics reinterpretation (All anomalies less than 3ppm ie in the noise level)
- Turair Anomaly
- Turair Anomalous Zone

5 cm

AIRBORNE E.M.

Sheet 3

Date June '82

Overlay 22(III) of 1:50000 Dundas compilation, Tasmania

SHEET 3

7382

82-1834

7448

SHEET 22(III)

82-1834

74

Henty - Yolande Area

Fraser, 1980 — Dighem Report No. 310 for Mt. Lyell

Bishop, 1981 — Reinterpretation Report ML/MG81/07

Mt. Lyell Mine Lease

Bishop, 1981 — Dighem Reinterpretation Report ML/MG81/07

Queenstown Area

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Lynch Creek Area

Fraser, 1980 — Dighem Report No. 310 for Mt. Lyell

Bishop, 1981 — Dighem Reinterpretation Report ML/MG81/07

E.L.9/66

Legend

- Input Anomaly
- Input Anomalous Zone
- Dighem Anomaly
- Mitre, Geophysics reinterpretation (All anomalies less than 3ppm ie in the noise level)
- Turair Anomaly
- Turair Anomalous Zone

OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

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- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

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CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
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PRECAMBRIAN
- P€ Undifferentiated metamorphic rocks

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EASTERN SEQUENCE
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Selina Spicer Sequence
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- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE
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- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
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WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

Scale 1:1 000 000

5 cm

SCALE 1:50 000

KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOL

5 cm

AIRBORNE E.M.

Sheet 3

Date June '82

GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

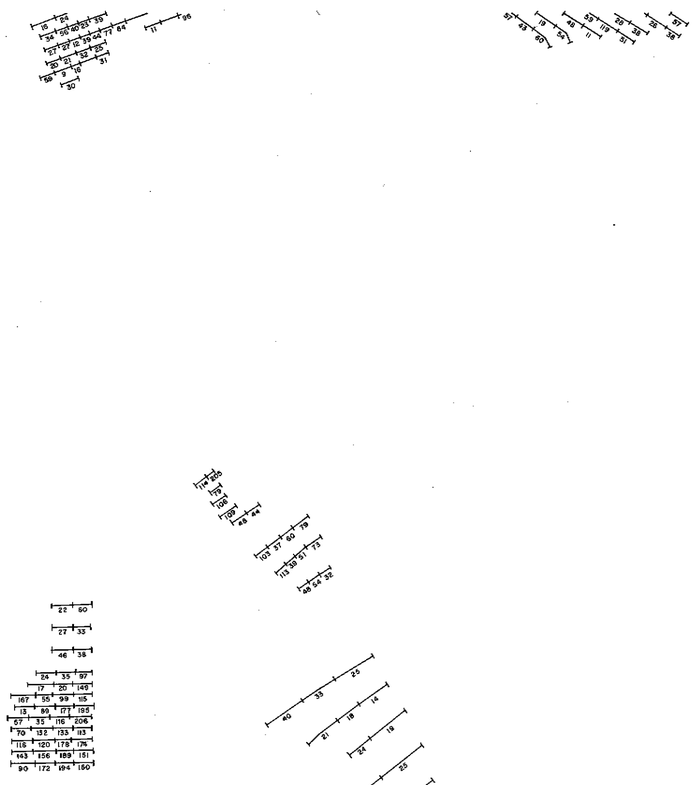
Overlay 22(III) of 1:50000 Dundas compilation, Tasmania

7451

SHEET 23(III)

82-1834

77



Note:- Each value records the average abundance of Cu in a nominal set of ten adjacent soil samples. Ticks record the traverse interval involved

5 cm

REGIONAL DISTRIBUTION OF COPPER IN SOILS

Sheet 3

Date June '82

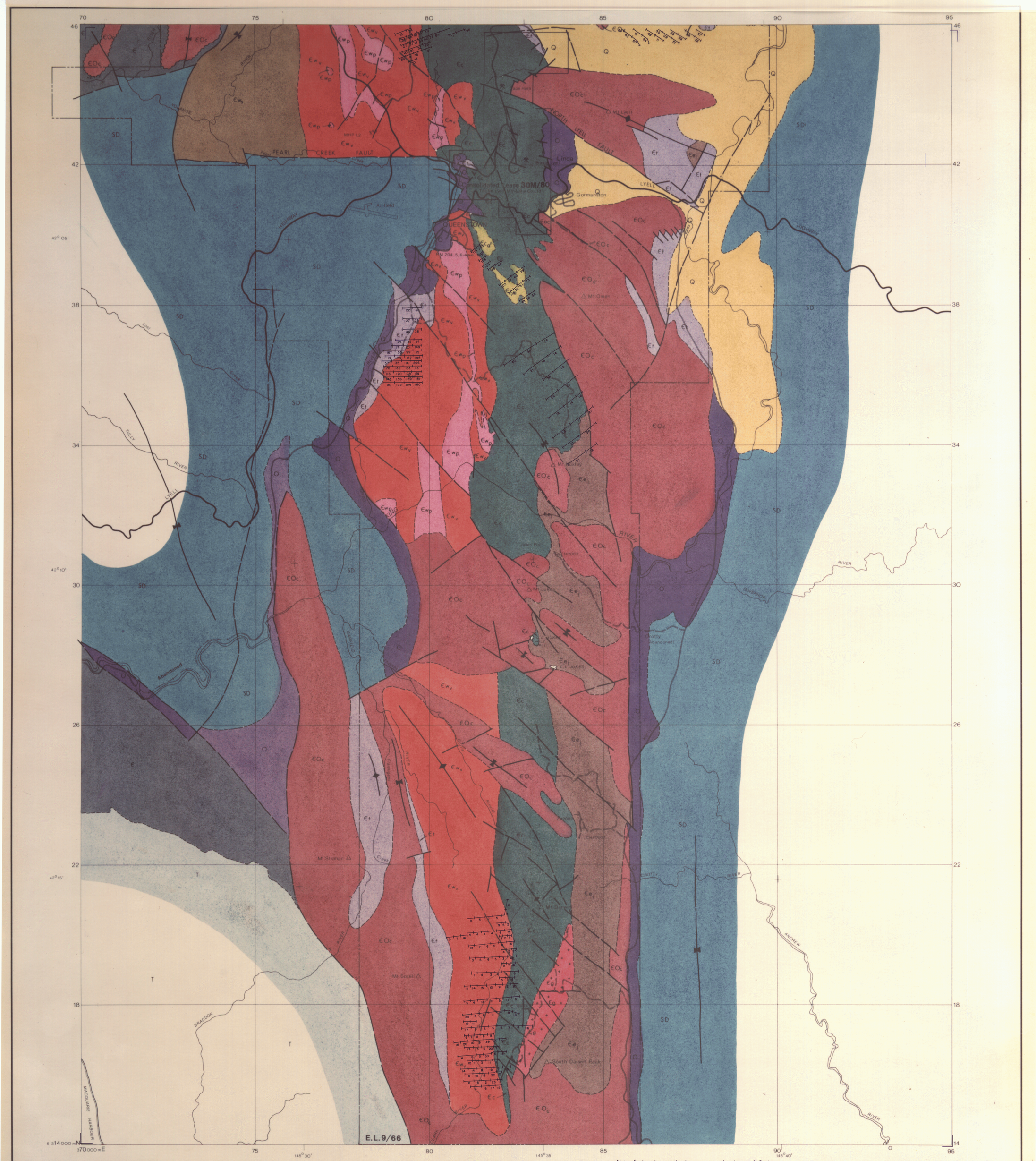
Overlay 23 (III) of 1:50000 Dundas compilation, Tasmania

SHEET 3

82-1834

SHEET 23(III)

82-1834



OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN
- P€ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e$_s$ Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated
- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

approximate geological boundary
Inferred geological boundary
unconformity
fault (approximate)
fault inferred
anticline
syncline

Note:- Each value records the average abundance of Cu in a nominal set of ten adjacent soil samples. Ticks record the traverse interval involved

Highway, Main Road
Vehicular Track
River, Creek
Railway
Major Mine Working
Drill Hole RH5
E.L. Boundary
M.L. Boundary

SHEET INDEX

Scale 1:1 000 000

5 cm

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

5 cm

GETTY - E·Z - MT. LYELL
COMPILATION PROJECT TASMANIA

GEOLOGY - INTERPRE...

REGIONAL DISTRIBUTION OF COPPER IN SOILS

Sheet 3

Date June 82

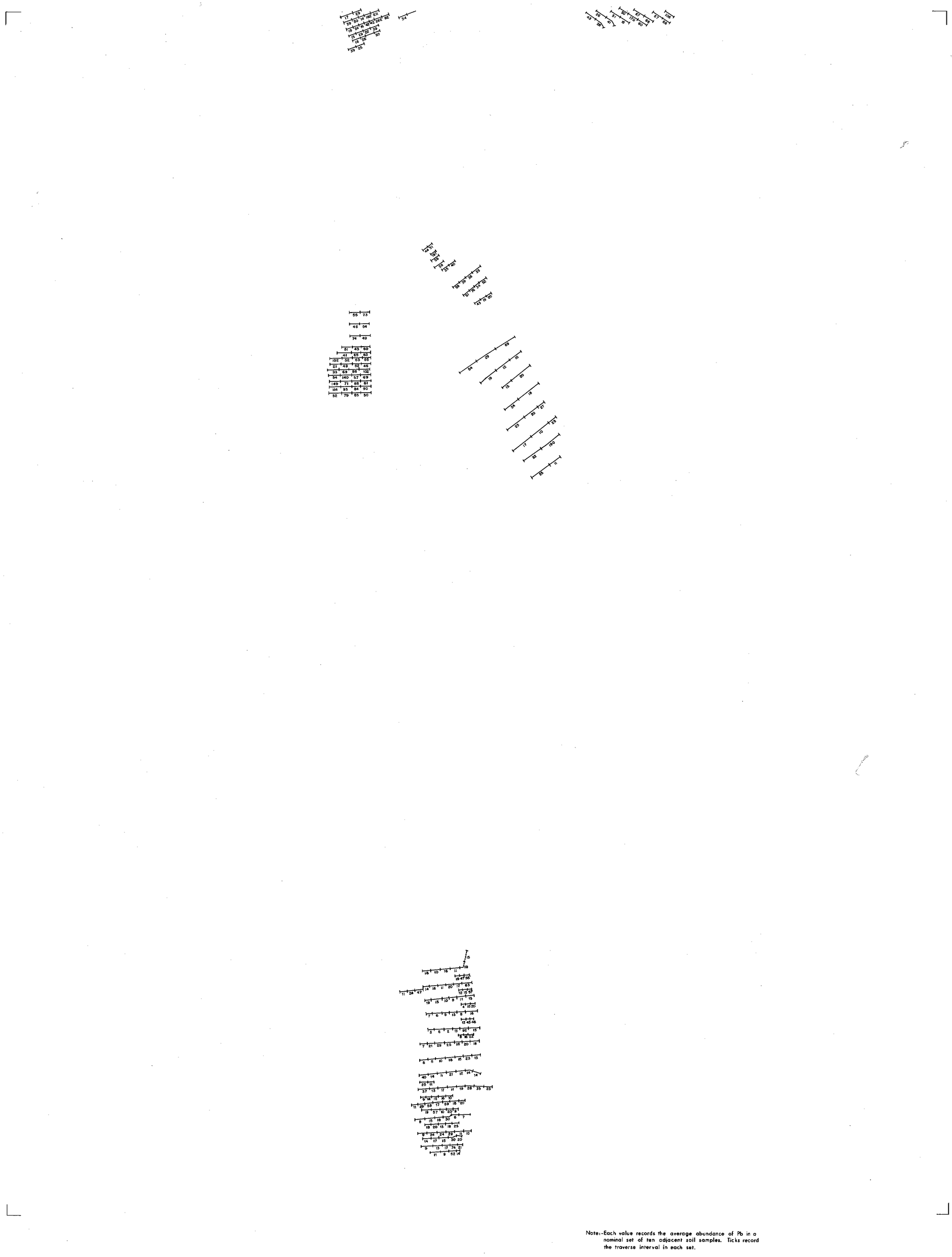
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 23 (III) of 1:50000 Dundas compilation, Tasmania

7454

SHEET 24(III)

82-1834



Note:-Each value records the average abundance of Pb in a nominal set of ten adjacent soil samples. Ticks record the traverse interval in each set.

5 cm

REGIONAL DISTRIBUTION OF LEAD IN SOILS

Sheet 3

Date June '82

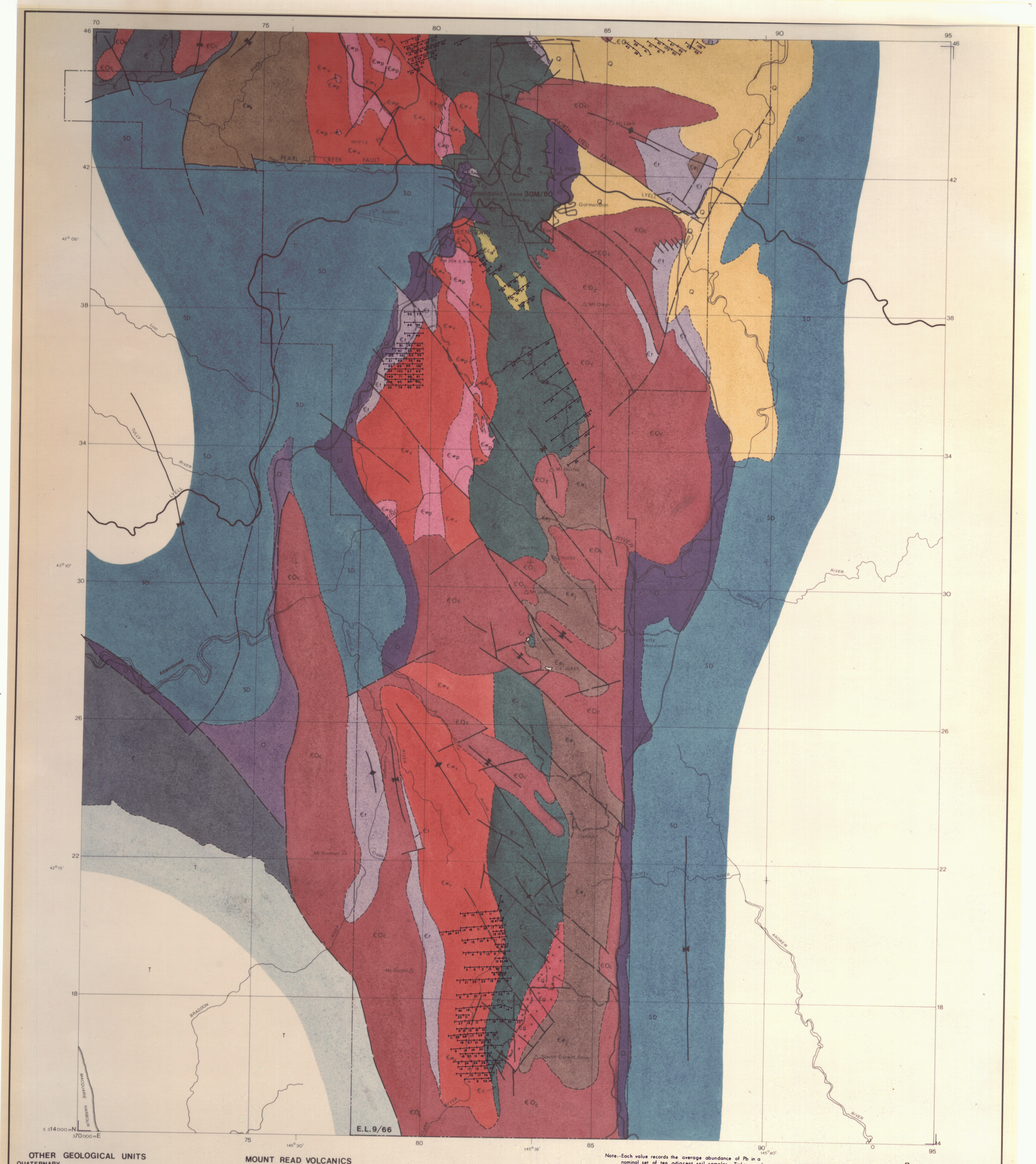
Overlay 24(III) of 1:50000 Dundas compilation, Tasmania

SHEET 3

82-1834

SHEET 24(III)

82-1834



OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN
- Pε Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e$_s$ Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated
- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

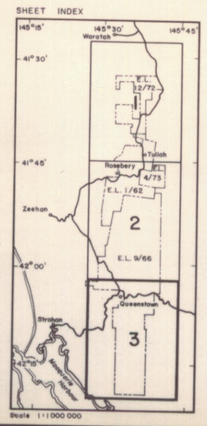
WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

- approximate geological boundary
- inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

Note:-Each value records the average abundance of Pb in a nominal set of ten adjacent soil samples. Ticks record the traverse interval in each set.

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- RH5 Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX



Scale 1:1 000 000

5 cm

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOLOG

5 cm

REGIONAL DISTRIBUTION OF LEAD IN SOILS

Sheet 3

Date June 82

Date Jan 82

GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

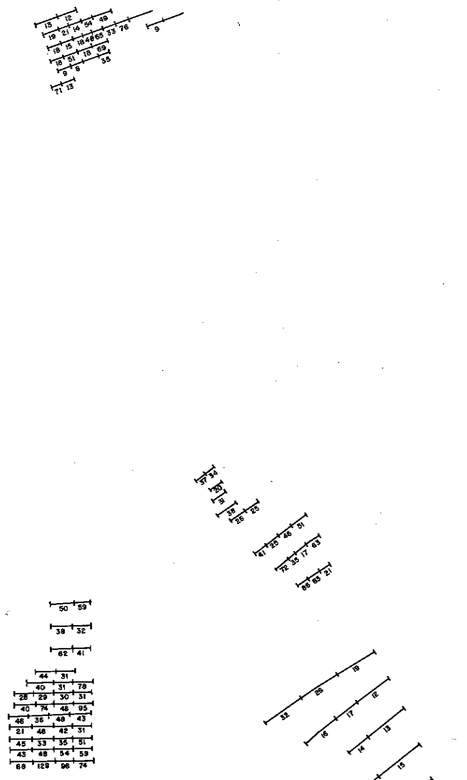
Overlay 24(III) of 1:50000 Dundas compilation, Tasmania

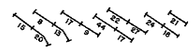
SHEET 25(111)

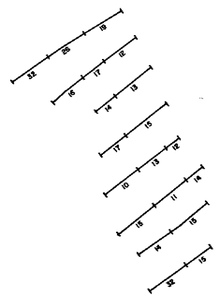
7477

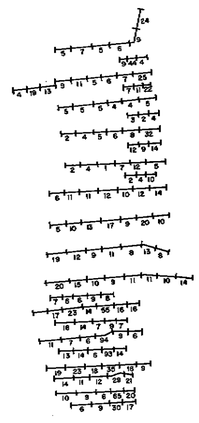
82-1834

83









Note:- Each value records the average abundance of Zn in a nominal set of ten adjacent soil samples. Ticks record the traverse interval involved in each set.

5 cm

REGIONAL DISTRIBUTION OF ZINC IN SOILS

Sheet 3

Date June '82

Overlay 25(III) of 1:50000 Dundas compilation, Tasmania

SHEET 3

82-1834

SHEET 25(III)

82-1834



OTHER GEOLOGICAL UNITS

QUATERNARY
- Q — Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T — Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb — Basalt

JURASSIC
- Jd — Dolerite

PERMIAN
- P — Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD — Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O — Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc — Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € — Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g — Granite (Murchison, Darwin Granites)
- €u — Ultramafic rock

PRECAMBRIAN
- P€ — Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t — Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e$_s$ — Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ — Volcanics
- €e$_c$ — Volcaniclastic conglomerate
- €e — Undifferentiated
- €e$_j$ — Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c — Main belt feldspar-phyric volcanics
- €c$_q$ — Quartz-phyric volcanics
- €c$_a$ — Major andesitic units
- €c$_s$ — Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ — Quartz-feldspar porphyry
- €w$_v$ — Predominantly volcanic
- €w$_s$ — Predominantly sedimentary

- approximate geological boundary
- inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

5 cm

SCALE 1:50 000

0 1 2 3 4 5 KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOLOGY

5 cm

REGIONAL DISTRIBUTION OF ZINC IN SOILS

Sheet 3
Sheet 3

Date June 82
Date Jan 82

GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 25(III) of 1:50000 Dundas compilation, Tasmania

7462

SHEET 27(III)

82-1834



Note:- This coded map has been prepared empirically from the distribution of Cu values averaged over nominal sets of ten adjacent soil samples.

- ⩾ 80 ppm
- 40 - 79 ppm
- 20 - 39 ppm
- 0 - 19 ppm

5 cm

CODED DISTRIBUTION OF COPPER IN SOILS

Sheet 3

Date June '82

Overlay 27(III) of 1:50000 Dundas compilation, Tasmania

SHEET 3

82-1834

SHEET 27(III)

82-1834

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOLOGY - [illegible]

CODED DISTRIBUTION OF COPPER IN SOILS

Sheet 3
Sheet 3

Date June '82
Date Jan 82

OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN
- P€ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e$_s$ Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated
- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

Note:- This coded map has been prepared empirically from the distribution of Cu values averaged over nominal sets of ten adjacent soil samples.

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- Drill Hole RH5
- E.L. Boundary
- M.L. Boundary

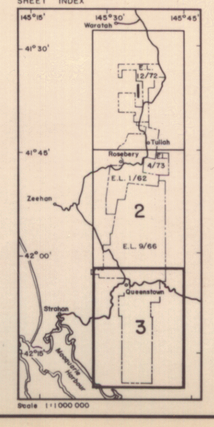
- > 80 ppm
- 40 - 79 ppm
- 20 - 39 ppm
- 0 - 19 ppm

5 cm

SCALE 1:50 000

0 1 2 3 4 5 KILOMETRES

SHEET INDEX



Scale 1:1 000 000

5 cm

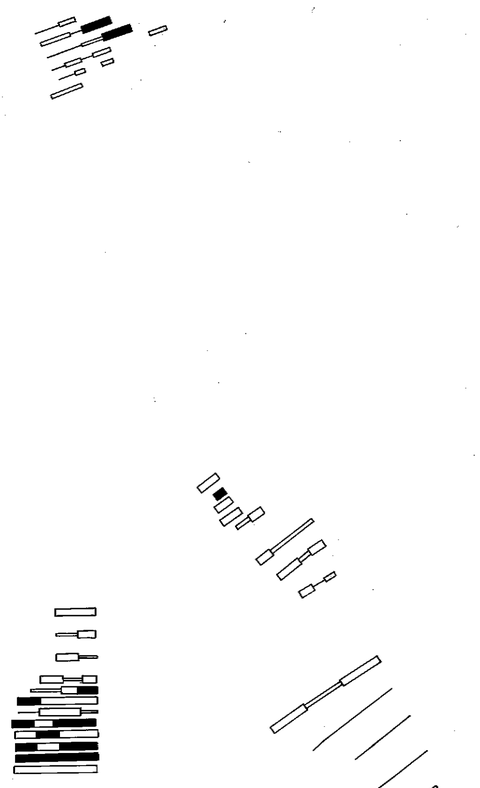
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 27(III) of 1:50000 Dundas compilation, Tasmania

7495

SHEET 28(III)

82-1834 91



Note:- This coded map has been prepared empirically from the distribution of Pb values averaged over nominal sets of ten adjacent soil samples.

≥ 80ppm
50 - 79ppm
25 - 49ppm
0 - 24ppm

5 cm

CODED DISTRIBUTION OF LEAD IN SOILS

Sheet 3

Date June '82

Overlay 28(III) of 1:50000 Dundas compilation, Tasmania

SHEET 3

82-1834

SHEET 28(III)

82-1834



OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN
- P€ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e$_s$ Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated
- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

Note:- This coded map has been prepared empirically from the distribution of Pb values averaged over nominal sets of ten adjacent soil samples.

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- Drill Hole RH5
- E.L. Boundary
- M.L. Boundary

- ⩾ 80 ppm
- 50 - 79 ppm
- 25 - 49 ppm
- 0 - 24 ppm

5 cm

SCALE 1:50 000

0 1 2 3 4 5 KILOMETRES

SHEET INDEX

Scale 1:1 000 000

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOLOGY - 5 cm

CODED DISTRIBUTION OF LEAD IN SOILS

Sheet 3 Date June '82

Sheet 3 Date Jan 82

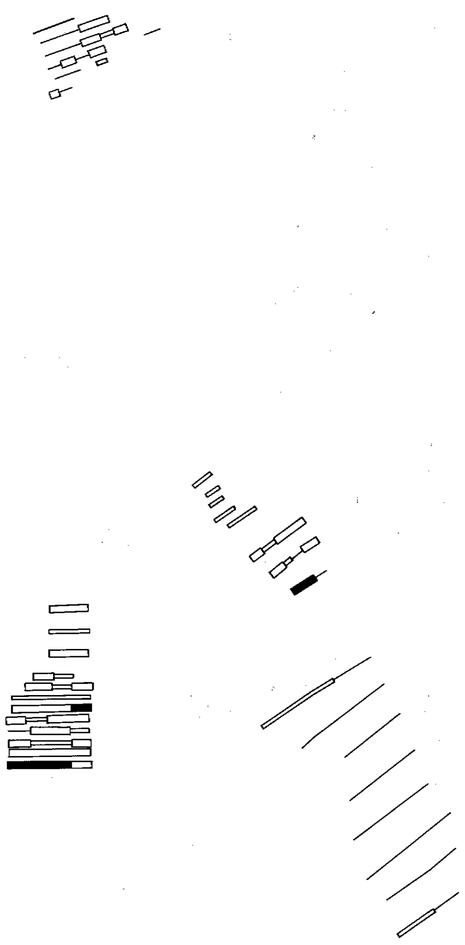
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 28(III) of 1:50000 Dundas compilation, Tasmania

7408

SHEET 29(III)

82-1834



Note:- This coded map has been prepared empirically from the distribution of Zn values averaged over nominal sets of ten adjacent soil samples.

≥ 80 ppm
40 - 79 ppm
25 - 39 ppm
0 - 24 ppm

5 cm

CODED DISTRIBUTION OF ZINC IN SOILS

Sheet 3

Date June '82

Overlay 29(III) of 1:50000 Dundas compilation, Tasmania

SHEET 3

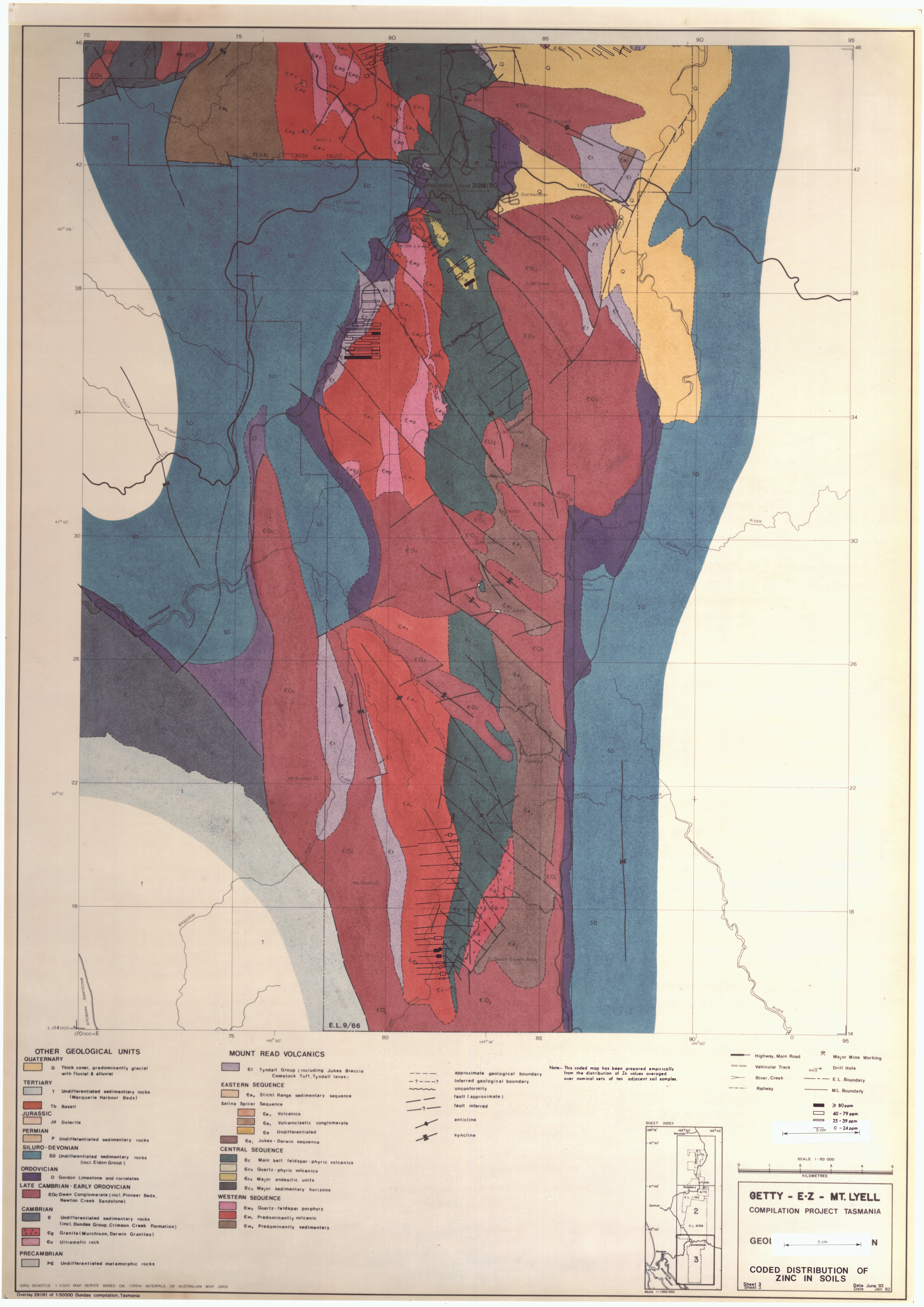
82-1834

7408

SHEET 29(III)

82-1834

94



OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN
- PE Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS
- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e$_s$ Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated

- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

Note:- This coded map has been prepared empirically from the distribution of Zn values averaged over nominal sets of ten adjacent soil samples.

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- RH5 Drill Hole
- E.L. Boundary
- M.L. Boundary

- ≥ 80 ppm
- 40 - 79 ppm
- 25 - 39 ppm
- 0 - 24 ppm

5 cm

SCALE 1:50 000

0 1 2 3 4 5 KILOMETRES

SHEET INDEX

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOI 5 cm N

CODED DISTRIBUTION OF ZINC IN SOILS

Sheet 3
Sheet 3

Date June '82
Date Jan '82

GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

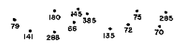
Overlay 29(III) of 1:50000 Dundas compilation, Tasmania

7473

SHEET 31(III)

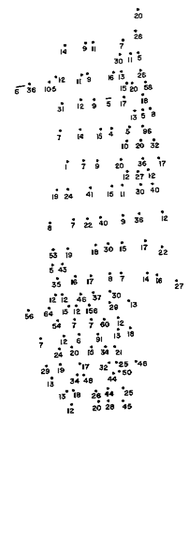
82-1834 99











Notes:- Values shown are the highest abundance of Cu recorded in each set of ten adjacent soil samples. A point is used to designate the location of the highest value and a bar is used where the highest value is shared by two or more sites within the set of ten samples.

5 cm

REGIONAL DISTRIBUTION HIGHEST Cu ABUNDANCE IN SOILS

Sheet 3

Date June '82

Overlay 31(III) of 1:50000 Dundas compilation, Tasmania

SHEET 3

7473

SHEET 31(III)

82-1874

82-1854



OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN
- P€ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e$_s$ Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated
- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

Notes:- Values shown are the highest abundance of Cu recorded in each set of ten adjacent soil samples. A point is used to designate the location of the highest value and a bar is used where the highest value is shared by two or more sites within the set of ten samples.

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- RH5 Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

Scale 1:1 000 000

5 cm

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOLOGY 5 cm

REGIONAL DISTRIBUTION HIGHEST Cu ABUNDANCE IN SOILS

Sheet 3
Sheet 3

Date June '82
Date Jan 82

GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

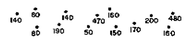
Overlay 31(III) of 1:50000 Dundas compilation, Tasmania

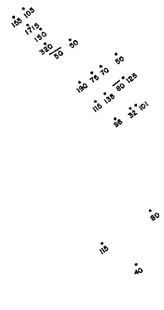
7476

SHEET 32(III)

82-1834 102









Notes:- Values shown are the highest abundance of Pb recorded in each set of ten adjacent soil samples. A point is used to designate the location of the highest value and a bar is used where the highest value is shared by two or more sites within the set of ten samples.

5 cm

REGIONAL DISTRIBUTION HIGHEST Pb ABUNDANCE IN SOILS

Sheet 3

Date June '82

Overlay 32(III) of 1:50000 Dundas compilation, Tasmania

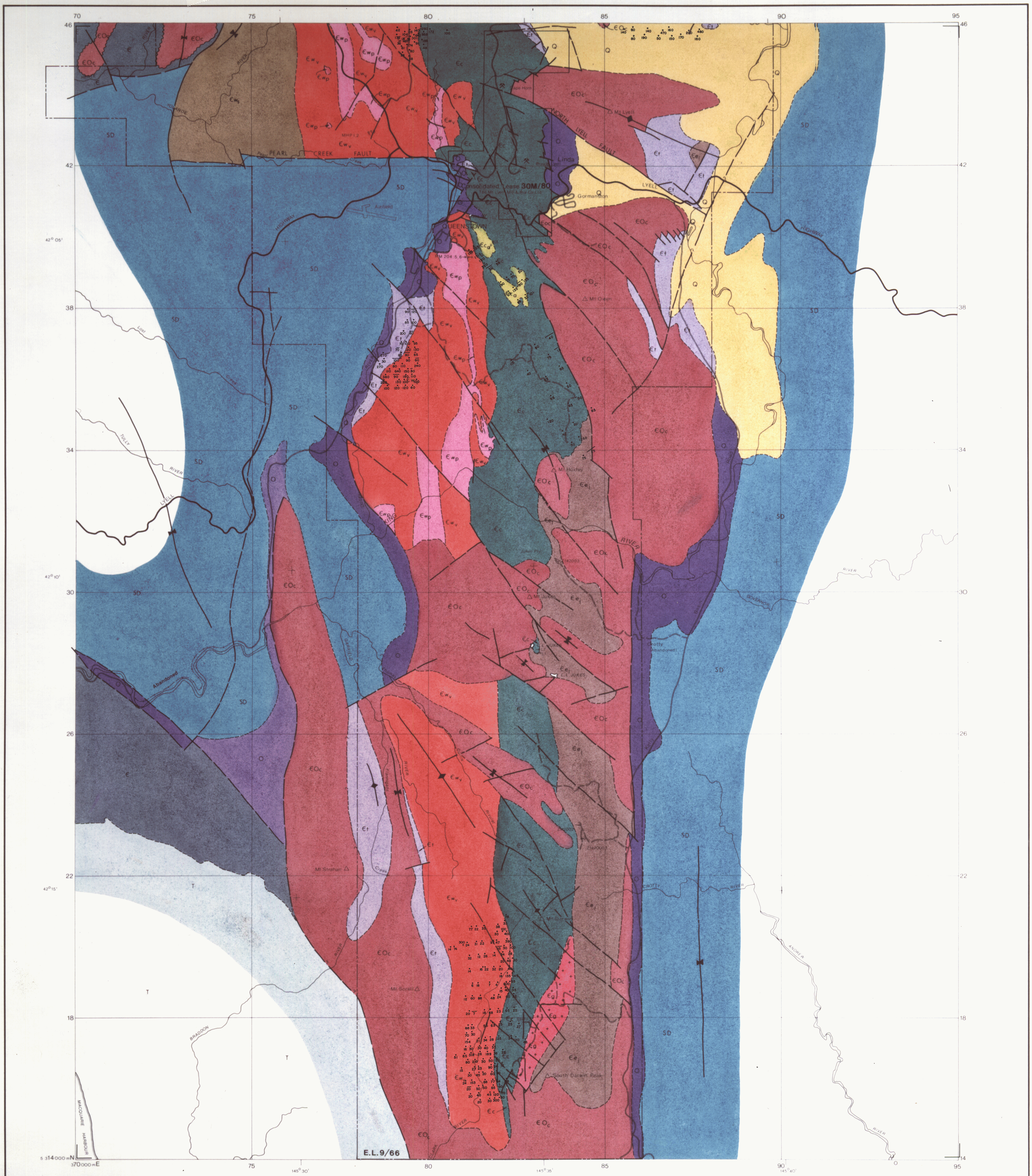
SHEET 3

7476

SHEET 32(III)

82-1874

82-1834



OTHER GEOLOGICAL UNITS

QUATERNARY
- Q — Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T — Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb — Basalt

JURASSIC
- Jd — Dolerite

PERMIAN
- P — Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD — Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O — Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc — Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € — Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g — Granite (Murchison, Darwin Granites)
- €u — Ultramafic rock

PRECAMBRIAN
- PC — Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t — Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e_s — Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e_v — Volcanics
- €e_c — Volcaniclastic conglomerate
- €e — Undifferentiated
- €e_j — Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c — Main belt feldspar-phyric volcanics
- €cq — Quartz-phyric volcanics
- €cs — Major andesitic units
- €cs — Major sedimentary horizons

WESTERN SEQUENCE
- €w_p — Quartz-feldspar porphyry
- €w_v — Predominantly volcanic
- €w_s — Predominantly sedimentary

- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

Notes:- Values shown are the highest abundance of Pb recorded in each set of ten adjacent soil samples. A point is used to designate the location of the highest value and a bar is used where the highest value is shared by two or more sites within the set of ten samples.

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- Drill Hole RH5
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

5 cm

SCALE 1:50 000

0 1 2 3 4 5 KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOLOGY - 5 cm

REGIONAL DISTRIBUTION HIGHEST Pb ABUNDANCE IN SOILS

Sheet 3 — Date June '82

Sheet 3 — Date Jan 82

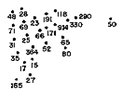
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

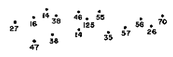
Overlay 32(III) of 1:50000 Dundas compilation, Tasmania

7479

SHEET 33(III)

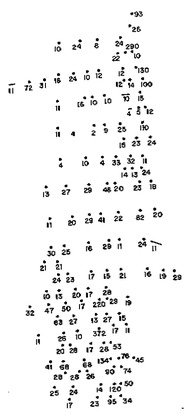
82-1834 105











Notes:- Values shown are the highest abundance of Zn recorded in each set of ten adjacent soil samples. A point is used to designate the location of the highest value and a bar is used where the highest value is shared by two or more sites within the set of ten samples.

REGIONAL DISTRIBUTION HIGHEST Zn ABUNDANCE IN SOILS

Sheet 3

Date May '82

Overlay 33(III) of 1:50000 Dundas compilation, Tasmania

SHEET 3

7479

SHEET 33(III)

7100114

82-1874

82-1834 105

70 75 80 85 90 95

46 42 38 34 30 26 22 18 14

42° 05' 42° 10' 42° 15'

370 000 mE 5 314 000 mN

145° 30' 145° 35' 145° 40'

PEARL CREEK FAULT

NORTH LYELL FAULT

LYELL FAULT

Consolidated Lease 30M/80

The Mt Lyell Mining & Rly Co Ltd

E.L.9/66

QUEENSTOWN

Airfield

Gormanston

Linda

Mt Lyell

Mt Owen

Mt Huxley

Mt Jukes

Mt Strahan

Mt Sorell

South Darwin Peak

Mt Direction

Scotty (Abandoned)

Abandoned

HIGHWAY

RIVER

Creek

MACQUARIE HARBOUR

SD

T

O

€

€Oc

€Ec

€Et

€Ec

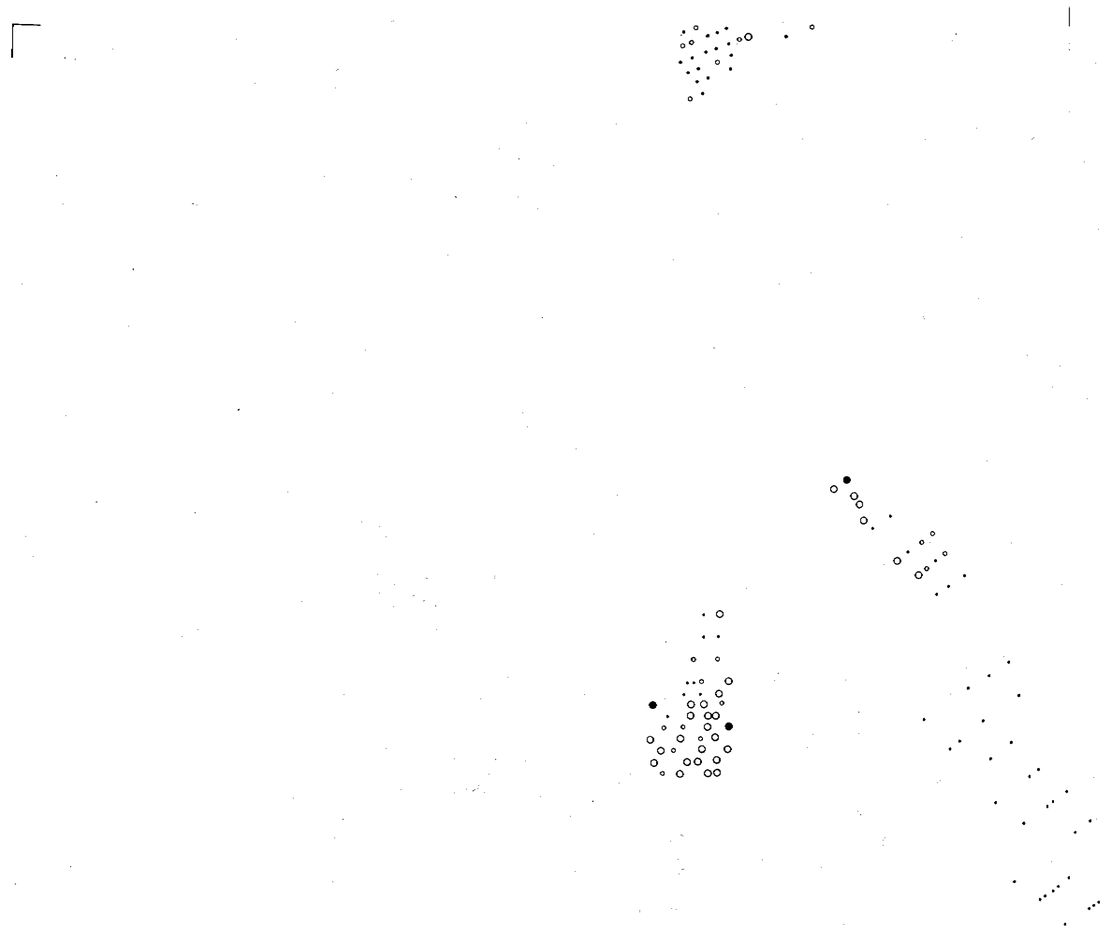
€Ec

€Ec

7482

SHEET 34(III)

82-1834



Notes:- This coded map has been prepared empirically from the distribution of the highest values of Cu recorded in each set of ten adjacent soil samples.

LEGEND

- ● ≥400 ppm
- ○ 200 - 399 ppm
- ◦ 100 - 199 ppm
- • <100 ppm

5 cm

CODED DISTRIBUTION HIGHEST Cu ABUNDANCE IN SOILS

Sheet 3

Date: May '82

Overlay 34(III) of 1:50000 Dundas compilation, Tasmania

SHEET 3

7482

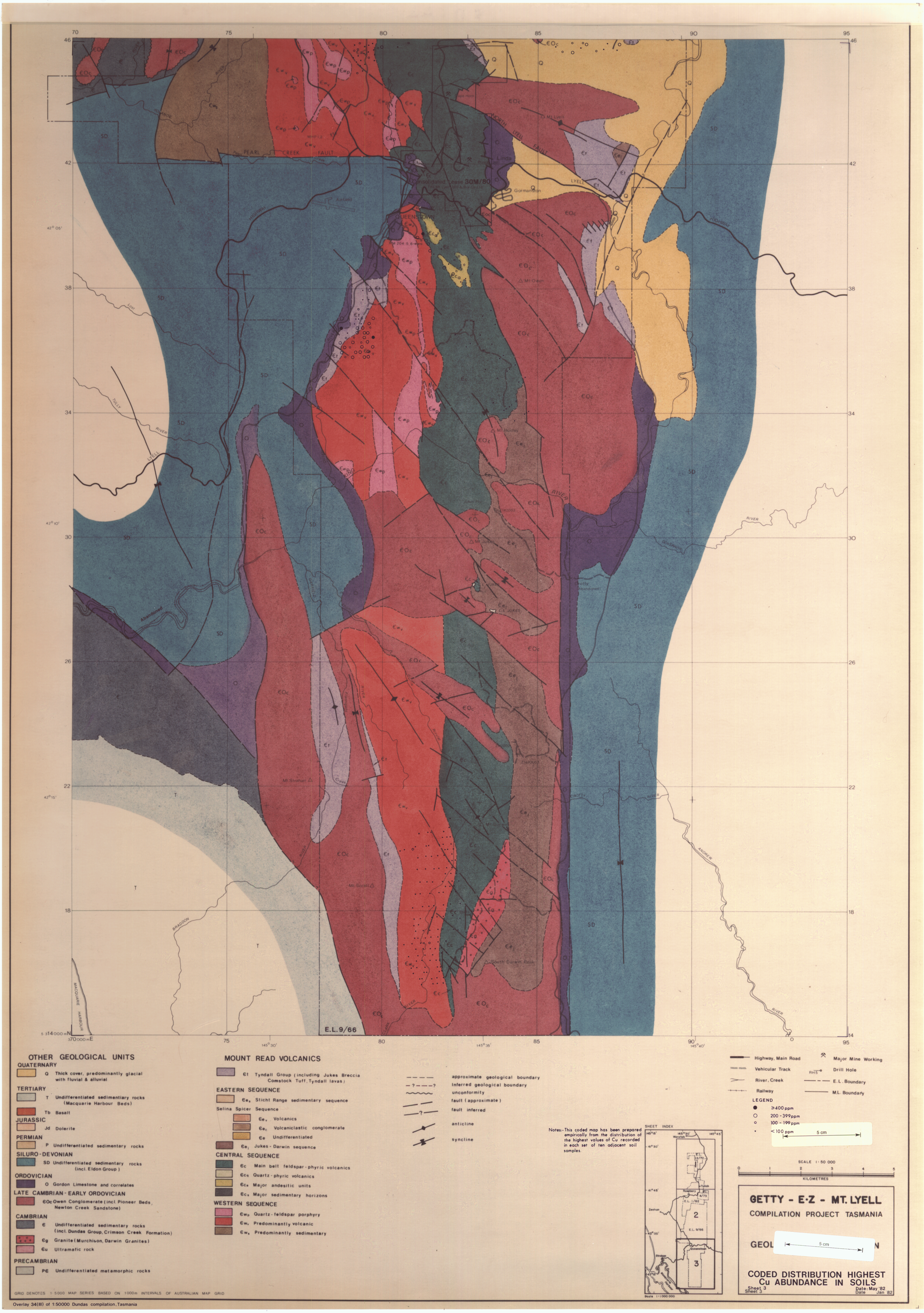
82-1834

7482

SHEET 34(III)

82-1834

108



OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentiary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN
- Pε Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e$_s$ Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated
- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

Notes:- This coded map has been prepared empirically from the distribution of the highest values of Cu recorded in each set of ten adjacent soil samples.

SHEET INDEX

Highway, Main Road
Vehicular Track
River, Creek
Railway
Major Mine Working
RH5 Drill Hole
E.L. Boundary
M.L. Boundary

LEGEND
- ● ≥400 ppm
- ○ 200 - 399 ppm
- ◦ 100 - 199 ppm
- • <100 ppm

5 cm

SCALE 1:50 000

0 1 2 3 4 5 KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOL 5 cm N

CODED DISTRIBUTION HIGHEST Cu ABUNDANCE IN SOILS

Sheet 3
Sheet 3

Date: May '82
Date Jan 82

Scale 1:1 000 000

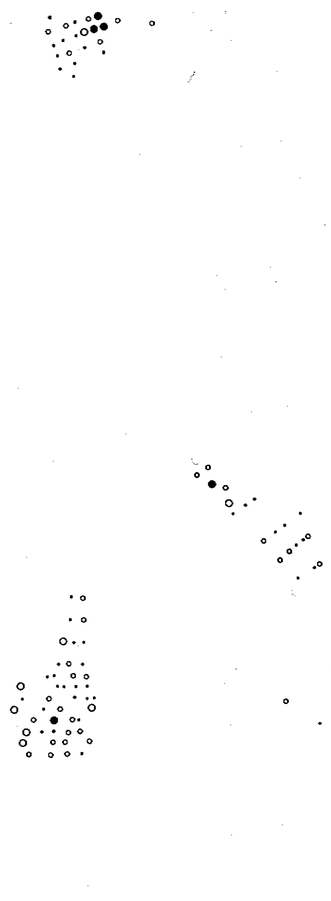
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 34(III) of 1:50000 Dundas compilation, Tasmania

7485

SHEET 35(III)

82-185



Notes:- This coded map has been prepared empirically from the distribution of the highest values of Pb recorded in each set of ten adjacent soil samples.

LEGEND

- ● ≥400 ppm
- ○ 200 - 399 ppm
- o 100 - 199 ppm
- • < 100 ppm

5 cm

CODED DISTRIBUTION HIGHEST Pb ABUNDANCE IN SOILS

Sheet 3

Date: May'82

Overlay 35(III) of 1:50000 Dundas compilation, Tasmania

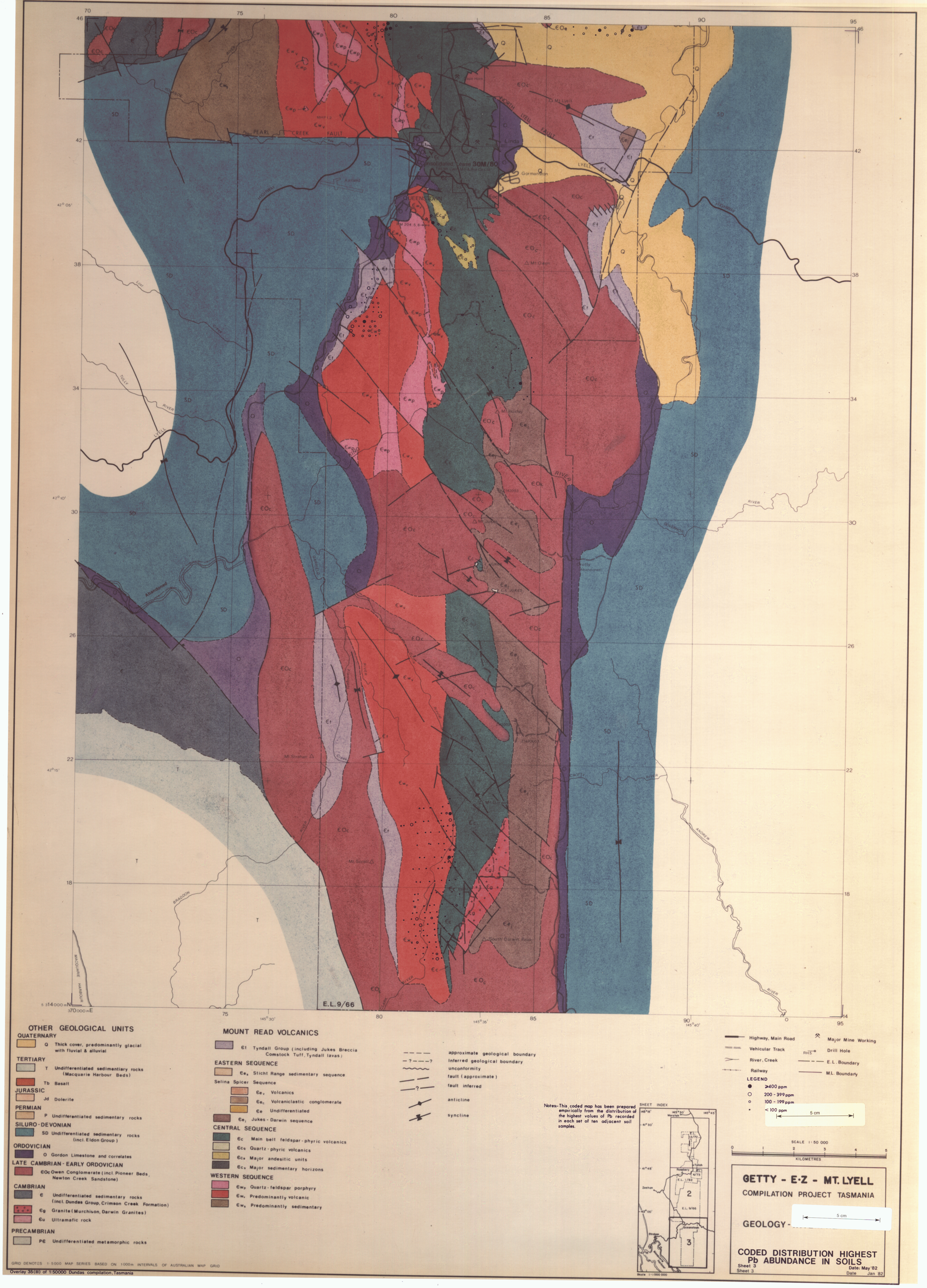
SHEET 3

82-1834

7485

SHEET 35(III)

82-1834 III



OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN
- P€ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e$_s$ Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e$_v$ Volcanics
- €e$_c$ Volcaniclastic conglomerate
- €e Undifferentiated
- €e$_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c$_q$ Quartz-phyric volcanics
- €c$_a$ Major andesitic units
- €c$_s$ Major sedimentary horizons

WESTERN SEQUENCE
- €w$_p$ Quartz-feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

Notes:- This coded map has been prepared empirically from the distribution of the highest values of Pb recorded in each set of ten adjacent soil samples.

SHEET INDEX

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- RH5 Drill Hole
- E.L. Boundary
- M.L. Boundary

LEGEND
- ● ≥400 ppm
- ○ 200 - 399 ppm
- ◦ 100 - 199 ppm
- • < 100 ppm

5 cm

SCALE 1:50 000

0 1 2 3 4 5 KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOLOGY -

5 cm

CODED DISTRIBUTION HIGHEST Pb ABUNDANCE IN SOILS

Sheet 3
Sheet 3

Date: May '82
Date Jan 82

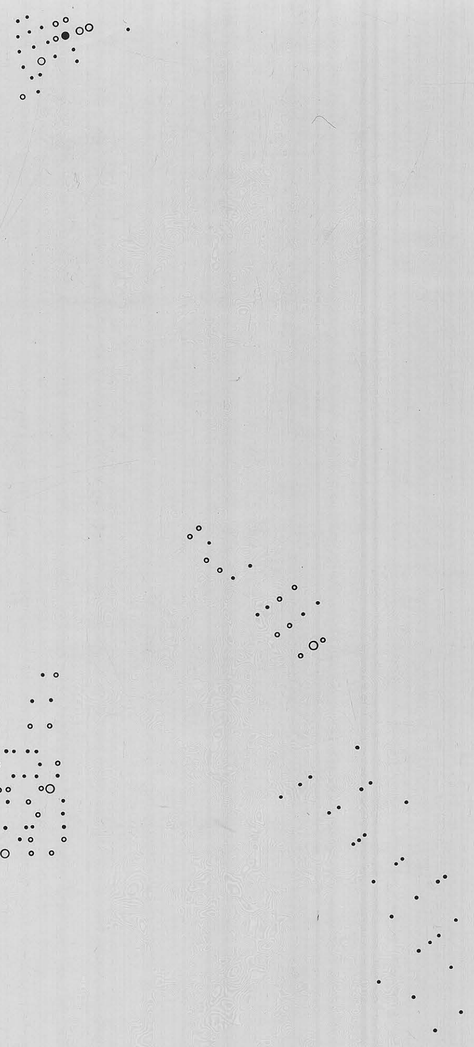
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

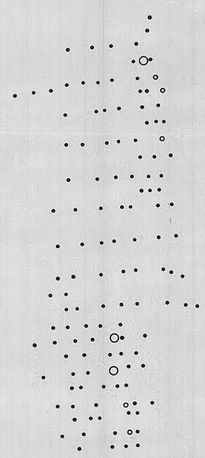
Overlay 35(III) of 1:50000 Dundas compilation, Tasmania

7488
SHEET 36(III)

82-1834

114.





LEGEND

- ● ⩾400 ppm
- ○ 200-399 ppm
- ○ 100-199 ppm
- • <100 ppm

Notes:- This coded map has been prepared empirically from the distribution of the highest values of Zn recorded in each set of ten adjacent soil samples.

5 cm

CODED DISTRIBUTION HIGHEST Zn ABUNDANCE IN SOILS

Sheet 3

Date: May '82

Overlay 36(III) of 1:50000 Dundas compilation, Tasmania

SHEET 3

82-1834

7488 SHEET 36(III)

82-1834

E.L.9/66

OTHER GEOLOGICAL UNITS

QUATERNARY
- Q Thick cover, predominantly glacial with fluvial & alluvial

TERTIARY
- T Undifferentiated sedimentiary rocks (Macquarie Harbour Beds)
- Tb Basalt

JURASSIC
- Jd Dolerite

PERMIAN
- P Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- SD Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- O Gordon Limestone and correlates

LATE CAMBRIAN - EARLY ORDOVICIAN
- €Oc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- € Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- €g Granite (Murchison, Darwin Granites)
- €u Ultramafic rock

PRECAMBRIAN
- PE Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- €t Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE
- €e_s Sticht Range sedimentary sequence

Selina Spicer Sequence
- €e_v Volcanics
- €e_c Volcaniclastic conglomerate
- €e Undifferentiated
- €e_j Jukes - Darwin sequence

CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €c_q Quartz-phyric volcanics
- €c_a Major andesitic units
- €c_s Major sedimentary horizons

WESTERN SEQUENCE
- €w_p Quartz-feldspar porphyry
- €w_v Predominantly volcanic
- €w_s Predominantly sedimentary

- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

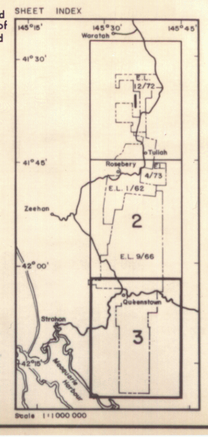
- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- Drill Hole RH5
- E.L. Boundary
- M.L. Boundary

LEGEND
- ● ⩾400 ppm
- ○ 200-399 ppm
- ○ 100-199 ppm
- • <100 ppm

5 cm

Notes:- This coded map has been prepared empirically from the distribution of the highest values of Zn recorded in each set of ten adjacent soil samples.

SHEET INDEX



Scale 1:1 000 000

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOLOGY - IN

5 cm

CODED DISTRIBUTION HIGHEST Zn ABUNDANCE IN SOILS

Sheet 3 Date: May '82

Sheet 3 Date Jan 82

GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 36(III) of 1:50000 Dundas compilation, Tasmania