710001

82-1834

GETTY-E.Z. – MT LYELL COMPILATION
EL'S 1/62, 12/72, 4/73, 9/66
1982 – EZ CO. GETTY OIL DEVEL.
MT LYELL MINING & RAILWAY CO

GETTY – E.Z. – MT LYELL COMPILATION

EL 1/62, EL 12/72, EL 4/73, EL 9/66

1982

Electrolytic Zinc Company of Australasia Limited
Getty Oil Development Company Limited
Mt Lyell Mining and Railway Company Limited

82-1834

GETTY-E.Z. – MT LYELL COMPILATION
EL'S 1/62, 12/72, 4/73, 9/66
1982 – EZ CO. GETTY OIL DEVEL.
MT LYELL MINING & RAILWAY CO

A collection of transparencies and plans of:

distribution of Pb, Mn, Zn and Cu in soils;

metallogenic and mineral deposits;

alteration styles;

geology;

EM, SP, gravity and applied potential anomalies and coverage;

IP anomalies and coverage;

aeromagnetics;

airborne EM;

cultural features and topography;

grid base map;

lineaments

CONTENTS

All transparencies & Plans at 1 : 50 000

Sheet 1 Geology Interpretation

CONTENTS

Sheet 2 Geology Interpretation

CONTENTS

Sheet 3 Geology Interpretation

SHEET 1

7300

710006

82-1804

370000 mE 75 80 85 90 95

5 402 000 mN 98 94 90 86 82 5 378 000 mN

41° 30' 41° 35' 41° 40'

145° 30' 145° 35' 145° 40'

△Mt Pearse △Mt Ramsay △Burns Peak △Mt Charter △Mt Romulus △High Tor

WARATAH ROAD RAILWAY HIGHWAY RIVER HUSKISSON RAMSAY QUE HATFIELD BULGOBAC MURCHISON PIEMAN SOUTHWELL MARIONOMA Creek

E.L.12/72 E.L.1/62 H086-M&91M/74 QUE RIVER TULLAH Mackintosh Dam L. MACKINTOSH

Tb Jd P SD O €Oc € €g €u Pε €Ec €Ecq €Ecs €Ecv €Ecd €Es €Et €Ewp €Ewv €Ews

OTHER GEOLOGICAL UNITS

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

TERTIARY
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- €e$_c$ Volcaniclastic conglomerate
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- €c$_s$ Major sedimentary horizons

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- €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

0 1 2 3 4 5 KILOMETRES

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

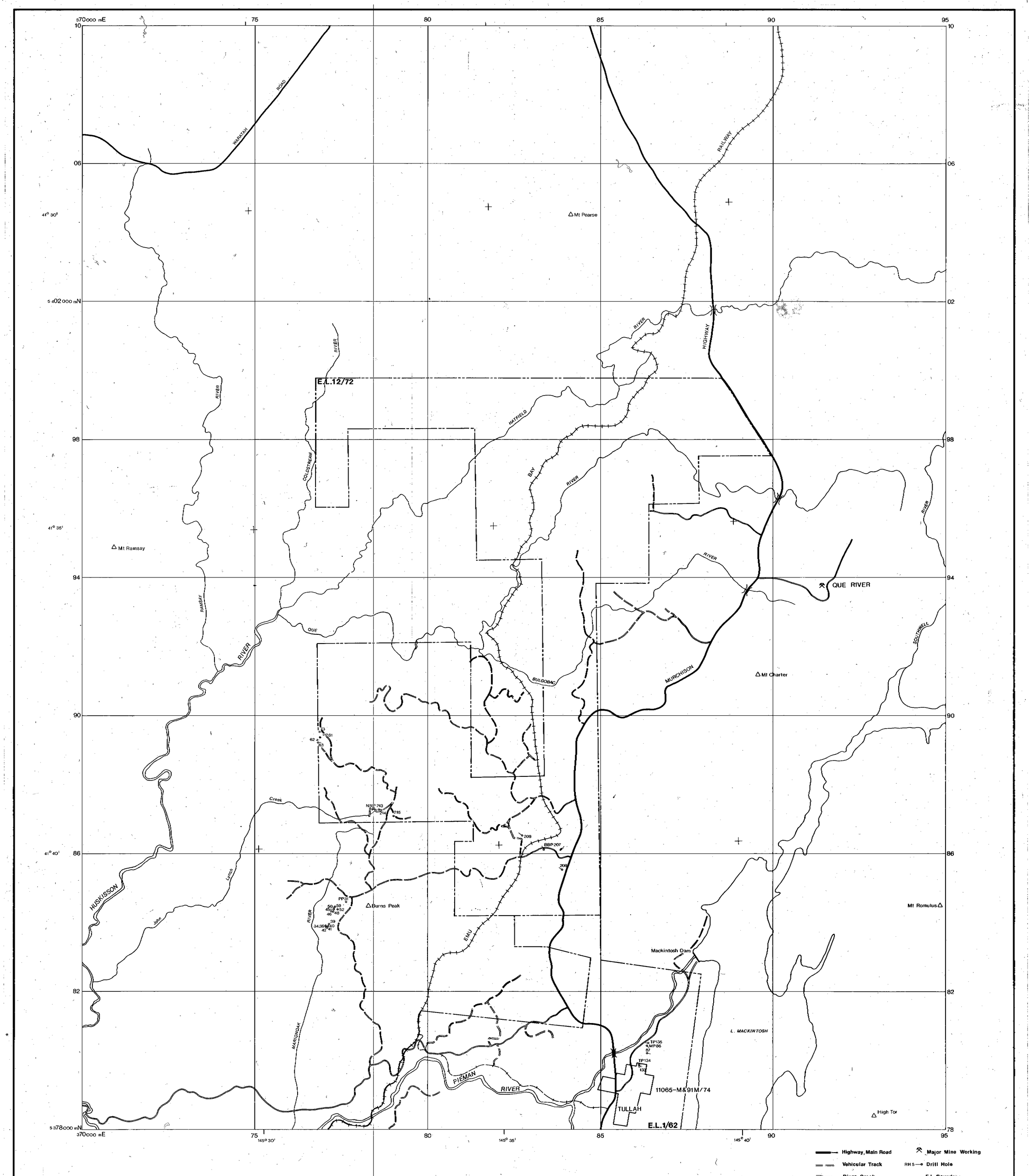
GEOLOGY - INTERPRETATION

Sheet 1. Date June 82

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

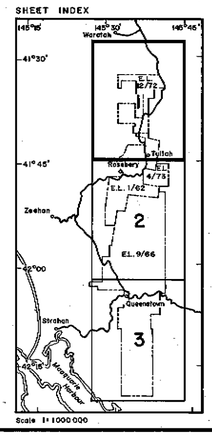
SHEET 1(1)

82-1834



Highway, Main Road
Vehicular Track
River, Creek
Railway
Major Mine Working
RH 5 — Drill Hole
E.L. Boundary
M.L. Boundary

SHEET INDEX



Scale 1:1000000

5 cm

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

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

Sheet 1 (1) of 1:50000 Dundas compilation, Tasmania

SHEET 1

7389

710006

82 - 1834

SHEET 1(1)

7389

710007

82 - 1834

E.L.12/72

E.L.1/62

1065-M&91M/74

Mt Pearse

Mt Ramsay

Mt Charter

Burns Peak

Mackintosh Dam

Mt Romulus

High Tor

QUE RIVER

L. MACKINTOSH

TULLAH

OTHER GEOLOGICAL UNITS

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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

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inferred geological boundary

unconformity

fault (approximate)

fault inferred

anticline

syncline

Highway, Main Road

Vehicular Track

River, Creek

Railway

Major Mine Working

RH 5 — Drill Hole

E.L. Boundary

M.L. Boundary

SHEET INDEX

SCALE 1:50 000

KILOMETRES

GETTY - E.Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOLOGY - INTERPRETATION

Sheet 1

Date June 82

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

Sheet 1 (i) of 1:50000 Dundas compilation, Tasmania

SHEET 2 (1)

82-1834

E.L. 5/63 Comstaff Pty Ltd

E.L. 1/63 Cleveland Tin Ltd

E.L.1/63 Cleveland Tin Ltd

E.L. 33/79 The B.H.P Co. Ltd.

E.L. 1/76 Comm. Alum Corp. Ltd.

E.L. 16/78 Aberfoyle Expl. Pty Ltd

Reserve

Highway

State

E.L. 5/63 Comstaff Pty Ltd

E.L. 22/74 Aberfoyle Expl.PL.

E.L.15/73 Aberfoyle Expl.Pty Ltd

E.L. 12/72 E.Z. Co. of A'Asia Ltd.

Area

Conservation

E.L.32/79 B.H.P Co.Ltd.

E.L.17/77 Renison Ltd

State Highway Reserve

E.L.5/63 Comstaff Pty Ltd

Southwest

E.L.5/63 Comstaff Pty Ltd

L. ROSEBERY

E.L. 1/62 E.Z. Co. of A'Asia Ltd.

E.L. 2/70 Cleveland Tin Ltd

E.L. 2/78 Alcoa of Aust.Ltd

5 cm

CULTURAL FEATURES

Sheet 1

Date June '82

Overlay 2 (i) of 1:50000 Dundas compilation, Tasmania

SHEET 1

7330

82-1834 710006

7330

SHEET 2 (1)

82-1834 710011

E.L. 5/63 Comstaff Pty Ltd

E.L.1/63 Cleveland Tin Ltd

E.L. 16/78 Aberfoyle Expl. Pty Ltd

E.L. 33/79 The B.H.P. Co. Ltd.

E.L.12/72

E.L.1/76 Comm. Alum Corp. Ltd.

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E.L.15/73 Aberfoyle Expl. Pty Ltd

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PERMIAN
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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
- RH 5 Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

5 cm

SCALE 1:50 000

KILOMETRES

5 cm

GETTY ... COMPILATION PROJECT TASMANIA

CULTURAL FEATURES

GEOLOGY - INTERPRETATION

Sheet 1 Sheet 1.

Date June '82 Date June 82

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

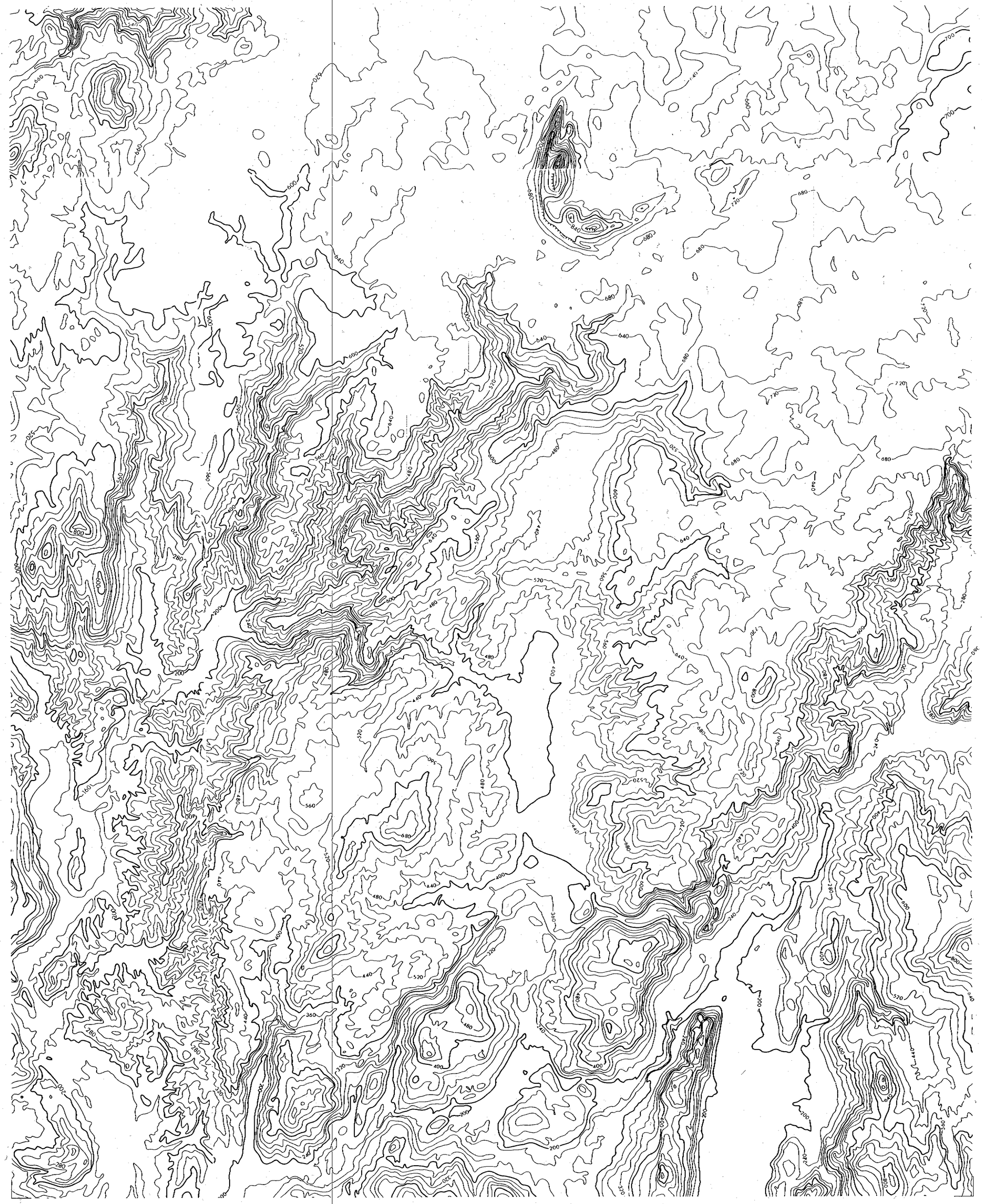
Overlay 2 (i) of 1:50000 Dundas compilation, Tasmania

7389

SHEET 3(1)

710015

82-1834



TOPOGRAPHY

5 cm

Sheet 1

Date May '82

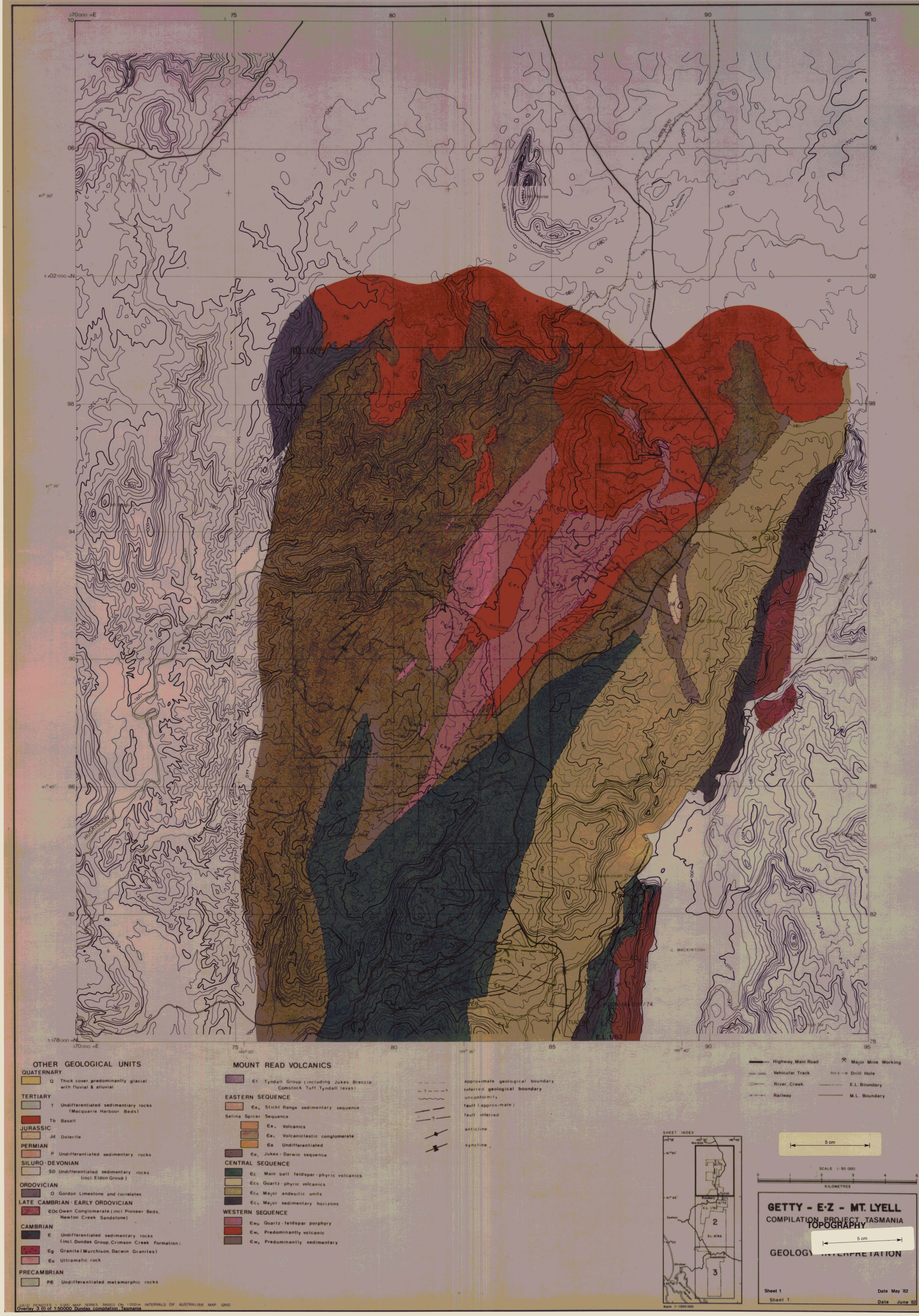
Overlay 3 (i) of 1:50000 Dundas compilation, Tasmania

SHEET 1

82-1834

SHEET 3 (1)

82-1834



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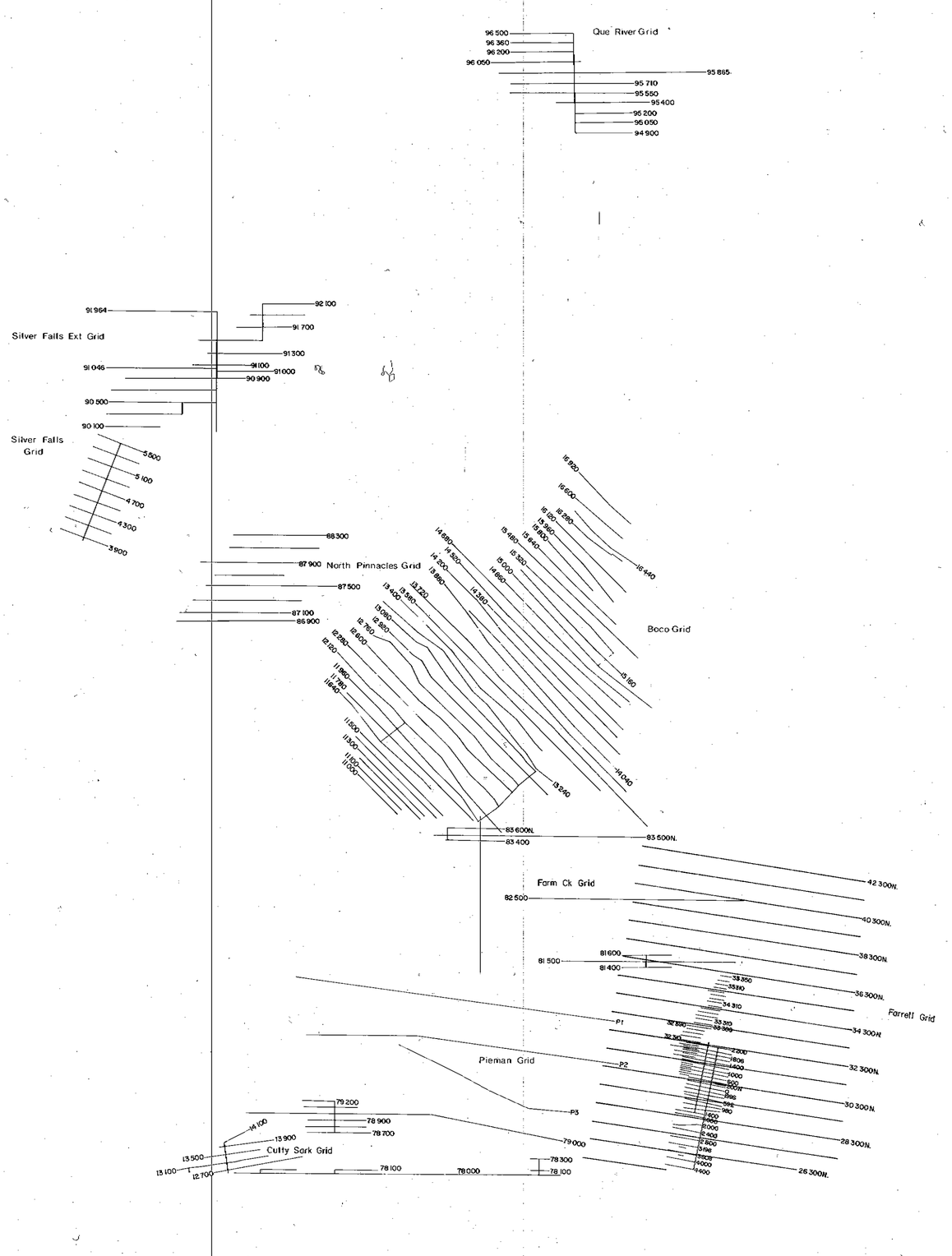
SHEET 4(1)

82-1834 710018



GRID BASE MAP – LINE Nos.

Overlay 4 (I) of 1:50000 Dundas compilation, Tasmania

Sheet 1

Date June '82

SHEET 1

7390

710006

82-1834

7392

SHEET 4(1)

82-1834 710018

370000 mE 75 80 85 90 95

5402000 mN 02 98 94 90 86 82 78

41° 30' 41° 35' 41° 40' 145° 30' 145° 35' 145° 40'

Mt Ramsay

Mt Pearse

Mt Charter

Mt Romulus

Burns Peak

High Tor

QUE RIVER

HUSKISSON

RAMSAY

QUE

LYNCH

MACKINTOSH

WARATAH ROAD

RAILWAY

HIGHWAY

SOUTHEY

E.L.12/72

Que River Grid

Silver Falls Ext Grid

Silver Falls Grid

North Pinnacles Grid

Boco Grid

Farm Ck Grid

Mackintosh Dam

Farrell Grid

Jerman Grid

Gutty Sam Grid

MX 91M/74

E.L. 1/62

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River, Creek
Railway
Major Mine Working
RHS Drill Hole
E.L. Boundary
M.L. Boundary

SHEET INDEX

5 cm

SCALE 1:50 000

0 1 2 3 4 5 KILOMETRES

5 cm

GETTY - E

COMPILATION PROJECT TASMANIA

GRID BASE MAP - LINE Nos.

GEOLOGY - INTERPRETATION

Sheet 1.

Date June '82

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

Overlay 4 (I) of 1:50000 Dundas compilation, Tasmania

7395

SHEET 5 (1)

7100 21

82-1834

01 EZ 1:10000 Various Contributors

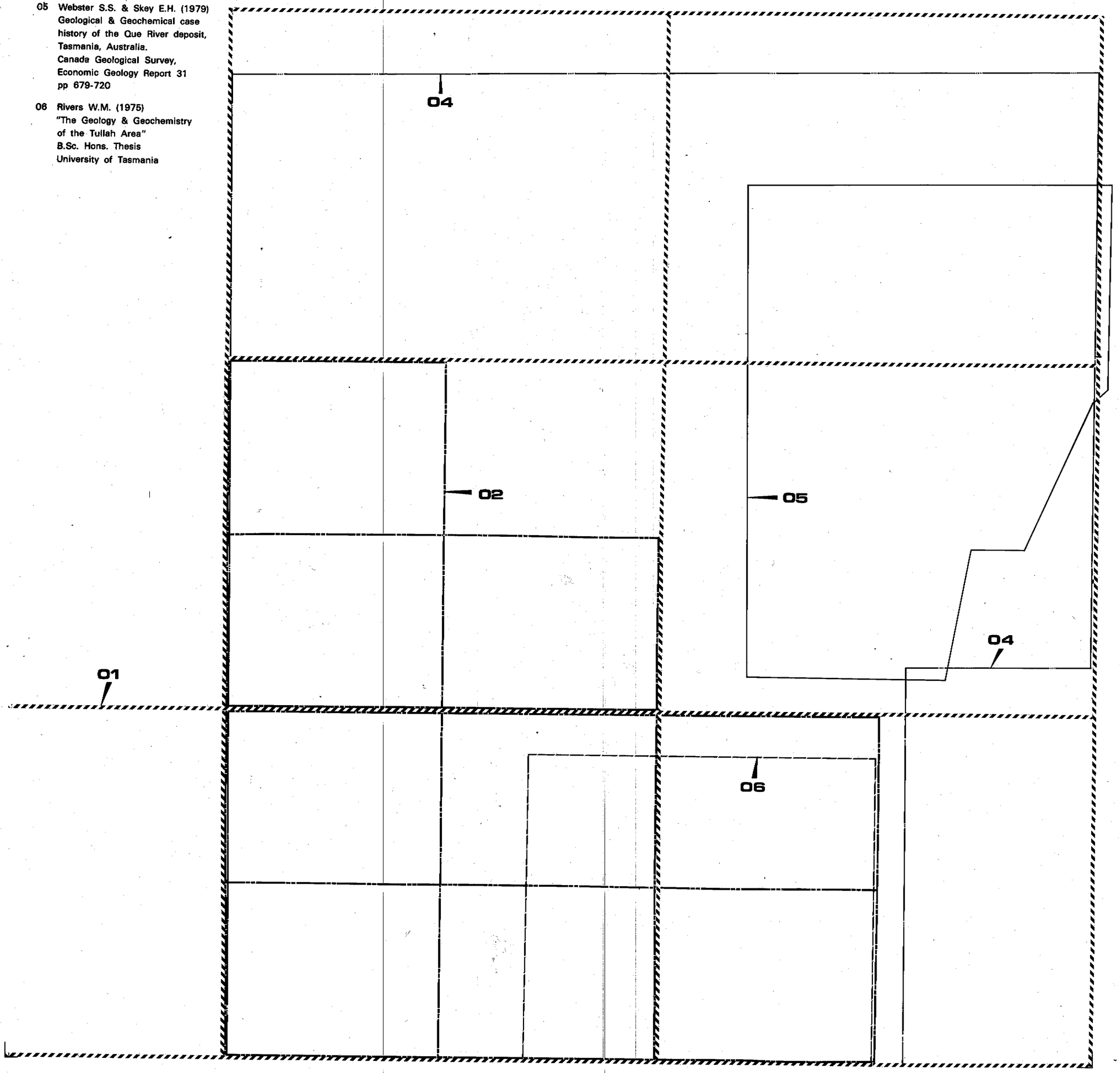
02 EZ 1:5000 Various Contributors

03 EZ 1:5000 Various Contributors
Special Format

04 Collins, P.L.E. (1980) 1:31680
Geological Survey Explanatory Report
Sheet 44, Mackintosh.

05 Webster S.S. & Skey E.H. (1979)
Geological & Geochemical case
history of the Que River deposit,
Tasmania, Australia.
Canada Geological Survey,
Economic Geology Report 31
pp 679-720

06 Rivers W.M. (1975)
"The Geology & Geochemistry
of the Tullah Area"
B.Sc. Hons. Thesis
University of Tasmania



Overlay 5 (1) of 1:50000 Dundas compilation, Tasmania

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SOURCE GEOLOGICAL DATA

Sheet 1

Date June '82

SHEET 1

82-1834 710006

7395 SHEET 5 (1)

82-1834 710021

01 EZ 1:10000 Various Contributors

02 EZ 1:5000 Various Contributors

03 EZ 1:5000 Various Contributors Special Format

04 Collins, P.L.E. (1980) 1:31680 Geological Survey Explanatory Report Sheet 44, Mackintosh.

05 Webster S.S. & Skey E.H. (1979) Geological & Geochemical case history of the Que River deposit, Tasmania, Australia. Canada Geological Survey, Economic Geology Report 31 pp 679-720

06 Rivers W.M. (1975) "The Geology & Geochemistry of the Tullah Area" B.Sc. Hons. Thesis University of Tasmania

E.L.12/72

E.L.1/68

E.L.4/73

E.L.9/66

E.L.1/67

H066-M&91M/74

QUE RIVER

L. MACKINTOSH

Mackintosh Dam

Mt Ramsay

Mt Pearse

Mt Charter

Mt Romulus

High Tor

Owen Peak

Zeehan

Strahan

Queenstown

Roseberry

Tullah

HUSKISSON RIVER

RAMSAY RIVER

QUE RIVER

HIGHWAY

RAILWAY

WARATAH ROAD

LYELL HIGHWAY

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Drill Hole
E.L. Boundary
M.L. Boundary

SHEET INDEX

5 cm

SCALE 1:50 000

KILOMETRES 0 1 2 3 4 5

5 cm

GETTY - E·2 - MT. LYELL

COMPILATION PROJECT TASMANIA

SOURCE GEOLOGICAL DATA

GEOLOGY - INTERPRETATION

Sheet 1
Sheet 1.

Date June '82
Date June 82

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

Overlay 5 (i) of 1:50000 Dundas compilation Tasmania

7398

SHEET 6 (1)

710024

82-1834

1. EZ. Co. A0-521-0026,27 Project Bulgobac, EL 12/72, Sheet 3A. JM,WM,RPT 1979. (Nominal C horizon and AAS analysis).

2. EZ. Co. A0-521-0024,25 Project Bulgobac, EL 12/72. Sheet 3D. JM, WM, RPT 1979, rev. 1980. (Nominal C horizon and AAS analysis used by both Aberfoyle & EZ).

3. EZ. Co. A0-521-0022 Project Bulgobac, EL 12/72 Sheet 3C. JM 1979, rev. 1980. (Nominal C).

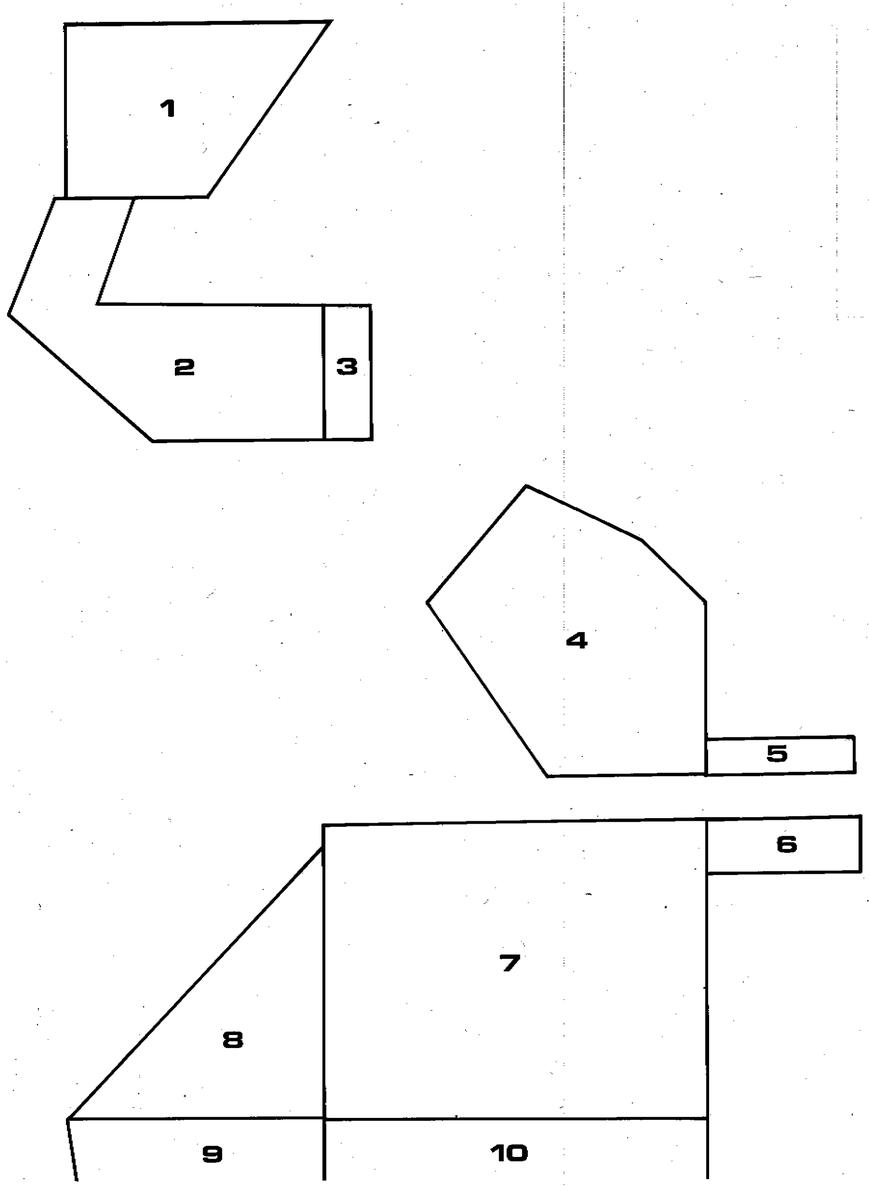
4. EZ. Co. A0-504-0025,26 Project Mt Black. EL 1/62 sheet 5B, JM,RPT 1979,rev.1980. (Nominal C horizon and AAS analysis)

5 EZ. Co. A0-504-0031,32 Project Mt Black EL 1/62 Farm Creek Lines. Sheet 6A. JM, RPT 1979.

6. EZ. Co. A0-504-0033,34 Project Mt Black. EL 1/62 Sheet 6D.JM,RPT 1979.

7. EZ. Co. A0-504-0027,28 Project Mt Black. EL 1/62 Sheet 5C,RPT. 1978. (Two cycles of sampling).

8. EZ Co. A0-504-0029,30 Project Mt Black EL 1/62 Pieman Lines Sheet 5D. PK, RPT, 1978. (Two cycles of sampling).



5 cm

SOURCE GEOCHEMICAL DATA

Sheet 1

Date June '82

Overlay 6 (I) of 1:50000 Dundas compilation, Tasmania

SHEET 1

7398

82-1834

710006

7398

SHEET 6 (1)

82-1834

710024

370000 mE 75 80 85 90 95

5402000 mN 98 94 90 86 82

41° 30' 41° 35' 41° 40'

145° 30' 145° 35' 145° 40'

5378000 mN

Mt Pearse

Mt Ramsay

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Mt Romulus

High Tor

Burns Peak

Mackintosh Dam

L. MACKINTOSH

RAILWAY ROAD WARATAH RIVER RAMSAY HUSKISSON MURCHISON SOUTHWELL QUE RIVER TULLAH Creek John Lyell

E.L.12/72

E.L.1/62

E.L.9/66

H066-M&91M/74

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7. EZ. Co. AO-504-0027,28 Project Mt Black. EL 1/62 Sheet 5C,RPT. 1978. (Two cycles of sampling).

8. EZ. Co. AO-504-0029,30 Project Mt Black EL 1/62 Pieman Lines Sheet 5D. PK, RPT, 1978. (Two cycles of sampling).

1 2 3 4 5 6 8 9 10

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

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- RH 5 Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

Scale 1:1000 000

5 cm

SCALE 1:50 000

0 1 2 3 4 5

5 cm

GETTY - E.Z. - MT. LYELL

COMPILATION PROJECT - TASMANIA

SOURCE GEOCHEMICAL DATA

GEOLOGY - INTERPRETATION

Sheet 1

Sheet 1.

Date June '82

Date June 82

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

Overlay 6 (1) of 1:50000 Dundas compilation, Tasmania.

SHEET 7(1)

Major Lineament
Minor Lineament

5 cm

LINEAMENTS

Sheet 1

Date June '82

Overlay 7 (i) of 1:50000 Dundas compilation, Tasmania

SHEET 1

710006

82-1804

7401

SHEET 7(1)

710027

82-1834

370000 mE 75 80 85 90 95

5402000 mN 02 98 94 90 86 82 78

41° 30' 41° 35' 41° 40'

145° 30' 145° 35' 145° 40'

E.L.12/72

E.L.1/62

M55-M.91M/14

Mt Ramsay

Mt Pearse

Mt Romulus

High Jre

QUE RIVER

L. MACKINTOSH

Mackintosh Dam

Lyrica

Lyrica Peak

Hibernian

Ramsay River

Que River

Southhell River

Hamilton River

Hibernian River

Hibernian Highway

Railway

Road

Warratah

Jukes

Tyndall

Comstock

Dundas

Crimson Creek

Eldon

Gordon

Owen

Pioneer

Newton Creek

Murchison

Darwin

Sticht Range

Selina Spicer

Mount Read

Main belt

Quartz-phyric

Major andesitic

Major sedimentary

Quartz-feldspar porphyry

Predominantly volcanic

Predominantly sedimentary

Macquarie Harbour Beds

Basalt

Dolerite

Undifferentiated sedimentary rocks

Ultramafic rock

Undifferentiated metamorphic rocks

Thick cover, predominantly glacial with fluvial & alluvial

Volcanics

Volcaniclastic conglomerate

Undifferentiated

Jukes-Darwin sequence

Granite (Murchison, Darwin Granites)

Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

OTHER GEOLOGICAL UNITS

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- Q Thick cover, predominantly glacial with fluvial & alluvial

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approximate geological boundary
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fault (approximate)
fault inferred
anticline
syncline

Highway, Main Road
Vehicular Track
River, Creek
Railway
Major Mine Working
RH 5 Drill Hole
E.L. Boundary
M.L. Boundary

SHEET INDEX

Major Lineament 5 cm
Minor Lineament

SCALE 1:50 000
0 1 2 3 4 5
KILOMETRES
5 cm

GET... L
COMPILATION PROJECT TASMANIA
LINEAMENTS

GEOLOGY - INTERPRETATION

Sheet 1 Date June '82
Sheet 1. Date June 82

GRID DENOTES 1:5,000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 7 (i) of 1:50000 Dundas compilation, Tasmania

SHEET 8 (1)

710030

DEPOSIT REFERENCE

(see reference cards for detailed information)

NO.	MINE (X = deposit un-named)	COMMODITIES (minor commodities listed in brackets)
001	Campbells No. 2	Sn
002	Campbells No. 1	Sn
003	Jones (Websters)	Sn
004	Campbells Galena	Pb, Zn
005	Summer Creek P.A.	Sn
006	Wombat Flat	Sn
007	South Eischoff	Sn
008	Johnson's Creek	Sn
009	X	Sn
010	X	Bi
011	Cundy Prospect	Sn
012	Mt Ramsay	W
013	Waratah	Sn (Cu)
014	Gold Hill	Au (Pb)
015	Que River Mine	Zn, Pb, Cu, Ag, Au (Ba, Mn)
016	North Valley	Sn
017	Huskisson River Area	Ba, Pb
018	Just-In-Time	Pb, Ba
019	Silver Falls	Pb, Ag (Zn, Cu) Ba
020	Sock Creek	Zn
021	Mt Charter Barite	Ba
023	Yellowband Creek	Sn (Ce, La, Th)
024	Mt Block Barite	Ba
027	Peacock Copper Reward	Cu (Pb, Zn, Ag, Au)
028	Lynch Creek	Pb (Ag) Ba
029	Osmiridium Mine	Os, Ir, Au, Pt (Sn)
031	Burns Peek	Pb, Ba
032	Pinnacles Mine (South Workings)	Zn, Pb, Cu (Ag, Au, Ba)
033	Strongs Creek Gold Diggings	Au (Pb, Cu, Cr)
034	Section 1893	py
035	Section 1894	py
036	Samuel Smiths Lode	py
037	Lynch's Section	As
038	Metropolitan Mine	Cu (Pb)
039	Farrell Blocks	Pb (Cu)
040	White Hawk Mine	Pb, Ag, Zn
041	Symmon & Lynch's Section	Pb, Zn, Cu
042	Chester Osmiridium Deposit	Os, Ir (Au, Sn)
043	X	Bi
044	Tin Creek	Sn, Au, Os, Ir
046	Chester Mine	py (Zn, Pb, Ag, Cu, Au)
047	Sections 3711 & 3712	Pb
048	Home Rule Prospect	Pb, Zn
049	Section 1726	Cu, Pb
051	Section 1876	Cu (Pb, Zn)
052	Cutty Sark Mine	Cu (Zn)
054	Section 3645	Pb, Zn
055	Section 2524	Pb, Zn
056	Langdon's Mine	Pb, Zn
057	New North Mt Farrell	Pb, Ag (Zn, Cu, Sb)
058	Farrell Mackintosh	Pb
059	North Mt Farrell	Pb, Ag (Cu, Au)
060	Mt Farrell Mine	Pb, Ag (Cu, Zn)
310	North (Brown) Workings	Pb, Zn, Cu, Ag
311	Bornes Creek	Au, Os, Ir
315	Central (Thomas) Workings	Pb, Zn, Cu, Ag

FORM OF OCCURRENCE

- Vein
- Vein, with strike
- Stockwork or multiple veins
- Stratiform syngenetic (indicating strike)
- ? Strike direction not known
- Stratabound replacement (indicating strike)
- Disseminated
- Disseminated, with strike
- Indeterminate or unknown
- Indeterminate or unknown, with strike
- Alluvial / Residual
- \+ Form of occurrence unknown & no significant mineralisation

SIZE OF OCCURRENCE

- > 1,000,000 Tonnes
- 1,000 – 1,000,000 Tonnes
- < 1,000 Tonnes

5 cm

METALLOGENIC MAP

Overlay 8 (i) of 1:50000 Dundas compilation, Tasmania

Sheet 1

Date June '82

SHEET 1

82-18 710006

SHEET 8(1)

710030

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006	Wombat Flat	Sn
007	South Bischoff	Sn
008	Johnson's Creek	Sn
009	X	Sn
010	X	Bi
011	Cundy Prospect	Sn
012	Mt Ramsay	W
013	Waratah	Sn (Cu)
014	Gold Hill	Au (Pb)
015	Que River Mine	Zn, Pb, Cu, Ag, Au (Ba, Mn)
016	North Valley	Sn
017	Huskisson River Area	Ba, Pb
018	Just-In-Time	Pb, Ba
019	Silver Falls	Pb, Ag (Zn, Cu) Ba
020	Sock Creek	Zn
021	Mt Charter Barite	Ba
023	Yellowband Creek	Sn (Ce, La, Th)
024	Mt Black Barite	Ba
027	Pearces Copper Reward	Cu (Pb, Zn, Ag, Au)
028	Lynch Creek	Pb (Ag) Ba
029	Osmiridium Mine	Os, Ir, Au, Pt (Sn)
031	Burns Peak	Pb, Ba
032	Pinnacles Mine (South Workings)	Zn, Pb, Cu (Ag, Au, Ba)
033	Strongs Creek Gold Diggings	Au (Pb, Cu, Cr)
034	Section 1893	py
035	Section 1894	py
036	Samuel Smiths Lode	py
037	Lynch's Section	As
038	Metropolitan Mine	Cu (Pb)
039	Farrell Blocks	Pb (Cu)
040	White Hawk Mine	Pb, Ag, Zn
041	Symmon & Lynch's Section	Pb, Zn, Cu
042	Chester Osmiridium Deposit	Os, Ir (Au, Sn)
043	X	Bi
044	Tin Creek	Sn, Au, Os, Ir
046	Chester Mine	py (Zn, Pb, Ag, Cu, Au)
047	Sections 3711 & 3712	Pb
048	Home Rule Prospect	Pb, Zn
049	Section 1726	Cu, Pb
051	Section 1876	Cu (Pb, Zn)
052	Cutty Sark Mine	Cu (Zn)
054	Section 3645	Pb, Zn
055	Section 2524	Pb, Zn
056	Langdon's Mine	Pb, Zn
057	New North Mt Farrell	Pb, Ag (Zn, Cu, Sb)
058	Farrell Mackintosh	Pb
059	North Mt Farrell	Pb, Ag (Cu, Au)
060	Mt Farrell Mine	Pb, Ag (Cu, Zn)
310	North (Brown) Workings	Pb, Zn, Cu, Ag
311	Barnes Creek	Au, Os, Ir
315	Central (Thomas) Workings	Pb, Zn, Cu, Ag

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- Vein
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- Stratabound replacement (indicating strike)
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- Disseminated, with strike
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- + Form of occurrence unknown & no significant mineralisation

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5 cm

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- Jd Dolerite

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EASTERN SEQUENCE
- €e Stitch Range sedimentary sequence

Selina Spicer Sequence
- €es Volcanics
- €ec Volcaniclastic conglomerate
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- €c Main belt feldspar phyric volcanics
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- €wp Quartz feldspar porphyry
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- fault (approximate)
- fault (inferred)
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- 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

METALLOGENIC MAP

GEOLOGY - INTERPRETATION

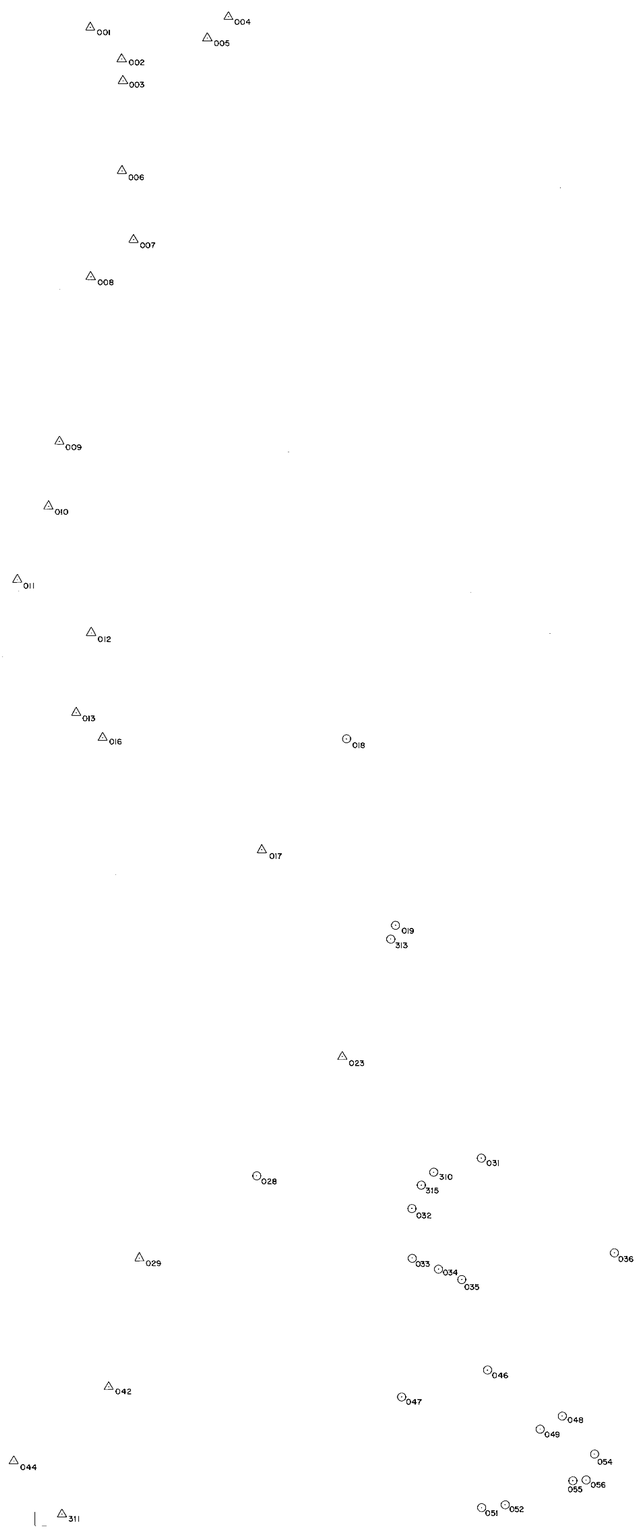
Sheet 1 Date June '82

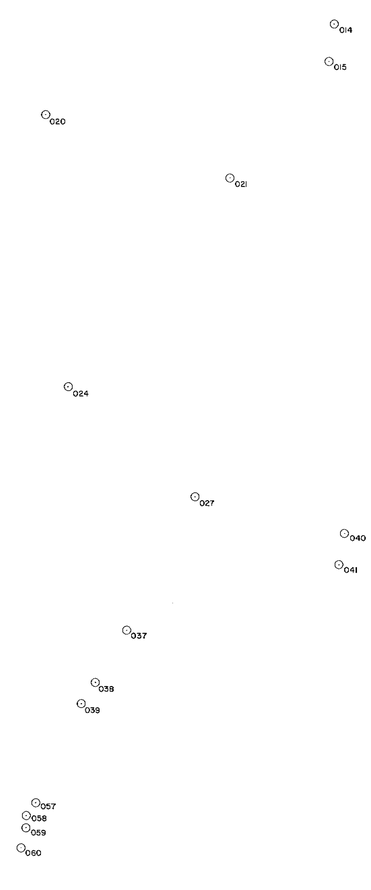
Sheet 1 Date June 82

Overlay '8 (i)' of 1:50000 Dundas compilation Tasmania

SHEET 9(1)

82-1834





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006	Wombat Flat	Sn
007	South Bischoff	Sn
008	Johnson's Creek	Sn
009	X	Se
010	X	Bi
011	Cundy Prospect	Sn
012	Mt Ramsay	W
013	Waratah	Sn (Cu)
014	Gold Hill	Au (Pb)
015	Que River Mine	Zn, Pb, Cu, Ag, Au (Ba, Mn)
016	North Valley	Sn
017	Huskisson River Area	Be, Pb
018	Just-In-Time	Pb, Ba
019	Silver Falls	Pb, Ag (Zn, Cu) Ba
020	Sock Creek	Zn
021	Mt Charter Berite	Ba
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024	Mt Block Barite	Ba
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028	Lynch Creek	Pb (Ag) Ba
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055	Section 2524	Pb, Zn
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LEGEND:

- ⊙ Position accurate
- △ Position approximate

5 cm

MINERAL OCCURRENCES

Sheet 1

Date June '82

Overlay 9 (1) of 1:50000 Dundas compilation, Tasmania

SHEET 1

82-1834

SHEET 9(1)

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approximate geological boundary
inferred geological boundary
unconformity
fault (approximate)
fault inferred
anticline
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Highway Main Road
Vehicular Track
River Creek
Railway
Major Mine Working
Drill Hole
E.L. Boundary
M.L. Boundary

LEGEND:
- Position accurate
- Position approximate

5 cm

5 cm

SCALE 1:50 000
KILOMETRES

SHEET INDEX

GETTY - E·Z - MT. LYELL
MINERAL OCCURRENCES
COMPILATION PLANES TASMANIA

GEOLOGY - INTERPRETATION

Sheet 1 Date June '82

Sheet 1 Date June 82

Overlay 9-(1) of 1:50000 Dundas compilation, Tasmania

SHEET 10(1)

82-1854

QUATERNARY

Q		Thick cover (glacial till, alluvium)

TERTIARY

Ts		Undifferentiated sedimentary rock
Tb		Basalt

JURASSIC

Jd		Dolerite

PERMIAN

Pt		Tillite

SILURO-DEVONIAN

Dg		Granite
ELDON GROUP	Ds	Sandstone
	Dsh	Siltstone
	Ss	Black shale & siltstone
	Sq	Quartzite, sandy shale, siltstone

ORDOVICIAN

GORDON LIMESTONE	Ol	Limestone
	Osh	Calcareous shale

LATE CAMBRIAN - EARLY ORDOVICIAN

	€-Oc	Conglomerate quartz sandstone minor shale (Owen Conglomerate)

CAMBRIAN

TYNDALL GROUP	€tb	Volcaniclastic conglomerate, tuff (Jukes Breccia)
	€tt	Tuff (Comstock Tuff)
	€tl	Lava

Intrusive Rocks

	€If	Felsic (non-granitic)
	€Ii	Intermediate
	€Ib	Basic
	€Iu	Ultrabasic
	€g	Granite

Overlay 10 (1) of 1:50000 Dundas compilation, Tasmania

CAMBRIAN

Extrusive Volcanics

	€ft	Felsic tuff
	€fa	Felsic agglomerate
	€ff	Felsic ash-flow
	€fl	Felsic lava
	€f	Felsic undifferentiated
	€it	Intermediate tuff
	€ia	Intermediate agglomerate
	€if	Intermediate ash-flow
	€il	Intermediate lava
	€i	Intermediate undifferentiated
	€bt	Basic tuff
	€ba	Basic agglomerate
	€bf	Basic ash-flow
	€bl	Basic lava
	€b	Basic undifferentiated

Sedimentary Rocks

	€sb	Black shale
	€sh	Shale, siltstone
	€sq	Sandstone, greywacke
	€sv	Volcaniclastic siltstone (Rosebery Host)
	€ss	Volcaniclastic sandstone
	€sc	Conglomerate (excluding Owen, Tyndall)
	€sl	Dolomite, limestone
	€se	Chert, fine grained siliceous rock
	€s	Sediment undifferentiated

PRECAMBRIAN

	PEq	Quartzite & shale
	PEs	Schist

INTERBEDDED LITHOLOGIES

Symbol: dominant lithology - mixed / subordinate lithology

eg. €sh - b / €ft - l

Colour code: striped

50	Strike & dip of bedding, facing known
50	Strike & dip of bedding, facing unknown
50	Overturned bedding
	Vertical bedding
50	Strike & dip of cleavage
	Vertical cleavage
50	Banding or primary foliation in volcanic rocks
	Anticline, plunge
	Syncline, plunge
	Geological boundary
	Unconformity
	Fault - observed or accurate
	Fault - position approx. or inferred

5 cm

GEOLOGY

SHEET 1

DATE JUNE 82

SHEET 1

82-1834

SHEET 10(1)

82-1834

370000 mE 75 80 85 90 95

5402000 mN 02 98 94 90 86 82 78

41° 30' 41° 35' 41° 40'

145° 30' 145° 35' 145° 40'

WARATAH ROAD

RAILWAY

△Mt Pearse

HIGHWAY

RIVER

E.L.12/72

△Mt Ramsay

RAMSAY RIVER

QUE RIVER

△Mt Quarter

SOUTHWELL

HUSKISSON

Creek

△Mt Romulus

Mackintosh Dam

L. MACKINTOSH

△High Tor

E.L.1/62

M&91M/74

QUATERNARY GEOLOGICAL UNITS

QUATERNARY
- Q — Thick cover (glacial till, alluvium)

TERTIARY
- Q — Thick cover, predominantly glacial
- Tsm — Undifferentiated sedimentary rock

TERTIARY
- Tb — Basalt

JURASSIC
- Js — Undifferentiated sedimentary rocks
- Jd — Dolerite (Mt Darwin Harbour Beds)

PERMIAN
- Pb — Basalt
- Pt — Tillite

JURASSIC
- Jd — Dolerite

SILURO-DEVONIAN
- Dg — Granite

PERMIAN
- Ds — Sandstone
- P — Undifferentiated sedimentary rocks

SILURO-DEVONIAN
- Dsh — Black shale & siltstone
- SD — Undifferentiated sedimentary rocks (incl. Eldon Group)

ORDOVICIAN
- Ol — Limestone
- O — Gordon Limestone correlates

LATE CAMBRIAN EARLY ORDOVICIAN
- €Oc — Owen Conglomerate, quartz sandstone, minor shale (Owen Conglomerate)

CAMBRIAN
- €tb — Volcaniclastic conglomerate, tuff (incl. Dundas Breccia)
- € — Undifferentiated sedimentary rocks (incl. Dundas Group, Comstock Tuff, Pieman Creek Formation)
- €g — Granite (Murchison, Darwin Granites)

Intrusive Rocks
- ν — Ultramafic rock
- €If — Felsic (non-granitic)
- €Ii — Intermediate
- €b — Basic
- €Iu — Ultrabasic
- €g — Granite

PRECAMBRIAN
- P€ — Undifferentiated metamorphic rocks

CAMBRIAN MOUNT READ VOLCANICS

Extrusive Volcanics

EASTERN SEQUENCE
- €ft — Felsic tuff
- €t — Tyndall Group (including Jukes Breccia Member, Tuff, Tyndall lavas)
- €fa — Felsic agglomerate
- €ff — Felsic ash-flow
- €fl — Felsic lava
- €es — Slight change, sedimentary sequence
- Selina Spicer Sequence
- €it — Intermediate tuff
- €v — Volcanics
- €ia — Intermediate agglomerate
- €if — Intermediate ash-flow
- €il — Intermediate, lava
- €i — Undifferentiated
- €e — Intermediate undifferentiated
- Jukes-Darwin sequence

CENTRAL SEQUENCE
- €bt — Tuff
- €ba — Basic agglomerate
- €c — Main belt feldspar-phyric volcanics
- €bf — Basic ash-flow
- €cq — Quartz-phyric volcanics
- €bl — Basic lava
- €b — Basic undifferentiated
- €s — Mainly sedimentary horizons

Sedimentary Rocks

WESTERN SEQUENCE
- €sh — Black shale
- €wp — Quartz-feldspar porphyry
- €sh — Shale, siltstone
- €sq — Sandstone, greywacke
- €wp — Porphyritic volcanic
- €sv — Volcaniclastic siltstone (Rosebery Host)
- €ss — Volcaniclastic sandstone
- €sc — Conglomerate (excluding Owen, Tyndall)
- €sl — Dolomite, limestone
- €se — Chert, fine grained siliceous rock
- €s — Sediment undifferentiated

PRECAMBRIAN

- P€q — Quartzite & shale
- P€s — Schist

approximate geological boundary

INTERBEDDED LITHOLOGIES

Symbol: dominant lithology - mixed / subordinate lithology

eg. €sh-b

unconformity

fault (approximate)

fault inferred

?

€ti : T

Colour code: striped

anticline

syncline

- 50 — Strike & dip of bedding, facing known
- 50 — Strike & dip of bedding, facing unknown
- 50 — Overturned bedding
- Vertical bedding
- 50 — Strike & dip of cleavage
- Vertical cleavage
- 50 — Banding or primary foliation in volcanic rocks
- Anticline, plunge
- Syncline, plunge
- Geological boundary
- Unconformity
- Fault - observed or accurate
- Fault - position approx. or inferred

- 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

0 1 2 3 4 5

KILOMETRES

5 cm

GETT... COMPILATION PROJECT TASMANIA

GEOLOGY

GEOLOGY - INTERPRETATION

SHEET 1
Sheet 1.

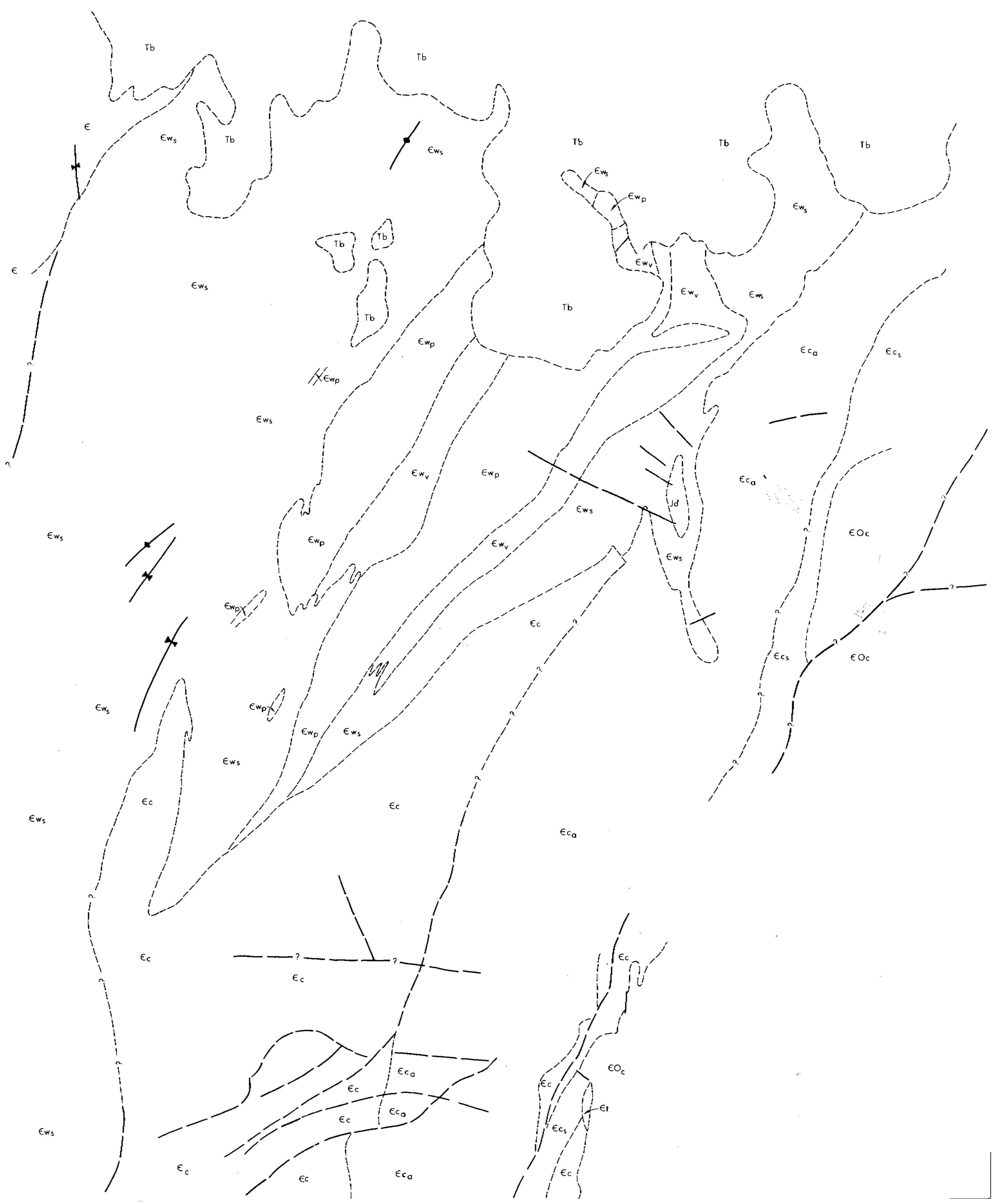
DATE JUNE '82
Date June 82

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

Overlay 10 (1) of 1:50000 Dundas compilation Tasmania

SHEET 11(1)

82-1834 39



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

ЄOc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN

Є Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)

Єg Granite (Murchison, Darwin Granites)

Єu Ultramafic rock

PRECAMBRIAN

PЄ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

Єt Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE

$Єe_s$ - Sticht Range sedimentary sequence

Selina Spicer Sequence

$Єe_v$ Volcanics

$Єe_c$ Volcaniclastic conglomerate

Єe Undifferentiated

$Єe_j$ Jukes - Darwin sequence

CENTRAL SEQUENCE

Єc Main belt feldspar - phyric volcanics

$Єc_q$ Quartz - phyric volcanics

$Єc_a$ Major andesitic units

$Єc_s$ Major sedimentary horizons

WESTERN SEQUENCE

$Єw_p$ Quartz - feldspar porphyry

$Єw_v$ Predominantly volcanic

$Єw_s$ Predominantly sedimentary

approximate geological boundary

inferred geological boundary

unconformity

fault (approximate)

fault inferred

anticline

syncline

5 cm

GEOLOGY - INTERPRETATION

Sheet 1. Date June '82

Overlay 11(I) of 1:50000 Dundas compilation. Tasmania

370000 mE 75 80 85 90 95

5402000 mN 10 06 02 98 94 90 86 82 78

41° 30' 41° 35' 41° 40'

145° 30' 145° 35' 145° 40'

5378000 mN

Mt Ramsay
Mt Pearse
Mt Charter
Mt Romulus
High Tor
Solomons Peak
Mackintosh Dam

RAMSAY RIVER
HUSKISSON RIVER
HIGHWAY
RAILWAY
ROAD
QUE RIVER
L. MACKINTOSH
E.L.12/72
E.L.1/82
VOBH-M&91M/74

Tb Ewp Ewv Ewm Ews Ecs Ecg Ec Ecc Ecf Ecl Ecv Ecs Ecg Ecc Ecc Ecs EOc Jd

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
- EOc 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

- Ewt Tyndall Group (including Jukes Breccia, Comstock Tuff, Tyndall Lavas)

EASTERN SEQUENCE
- Ecs Stitt Range sedimentary sequence

Selina Spicer Sequence
- Ecv Volcanics
- Ecc Volcaniclastic conglomerate
- Ecg Undifferentiated
- Ecj Jukes-Darwin sequence

CENTRAL SEQUENCE
- Ec Main belt feldspar-phyric volcanics
- Ecq Quartz-phyric volcanics
- Eca Major andesitic units
- Ecs Major sedimentary horizons

WESTERN SEQUENCE
- Ewp Quartz-feldspar porphyry
- Ewv Predominantly volcanic
- Ews 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
RHS 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

5 cm

GEOLOGY - INTERPRETATION

Sheet 1.
Sheet 1.

Date June '82
Date June 82

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

Overlay 11 (1) of 1:50000 Dundas compilation, Tasmania

SHEET 12(1)

82-1834

Qa Alluvium, swamp deposits

Qg Glacial deposits, till boulder moraine, outwash gravel

Qs Scree, boulder fan mountain edge rock-fall

5 cm

GEOLOGY COVER

Sheet 1

Date June '82

Overlay 12 (1) of 1:50000 Dundas compilation, Tasmania

SHEET 1

7330

710006

82-1834

7416

SHEET 12(1)

82-1834 42

370000 mE 75 80 85 90 95

5402000 mN 10 06 02 98 94 90 86 82 78

41° 30' 41° 35' 41° 40'

145° 30' 145° 35' 145° 40'

Mt Pearse △

Mt Ramsay △

Mt Charter △

Mt Romulus △

High Tor △

RAILWAY

HIGHWAY

ROAD

RIVER

QUE RIVER

HUSKISSON RIVER

RAMSAY RIVER

MACKINTOSH DAM

L. MACKINTOSH

E.L.12/72

E.L.1/62

H055-M&21M/74

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$_a$ 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

Qa Alluvium, swamp deposits

Qg Glacial deposits, till boulder moraine, outwash gravel

Qs Scree, boulder fan mountain edge rock - fall

Highway, Main Road

Vehicular Track

River, Creek

Railway

Major Mine Working

RH5 Drill Hole

E.L. Boundary

M.L. Boundary

SHEET INDEX

Scale 1:1000 000

SCALE 1:50 000

KILOMETRES

5 cm

5 cm

GETTY

COMPILATION PROJECT TASMANIA

GEOLOGY COVER

GEOLOGY - INTERPRETATION

Sheet 1 Date June '82

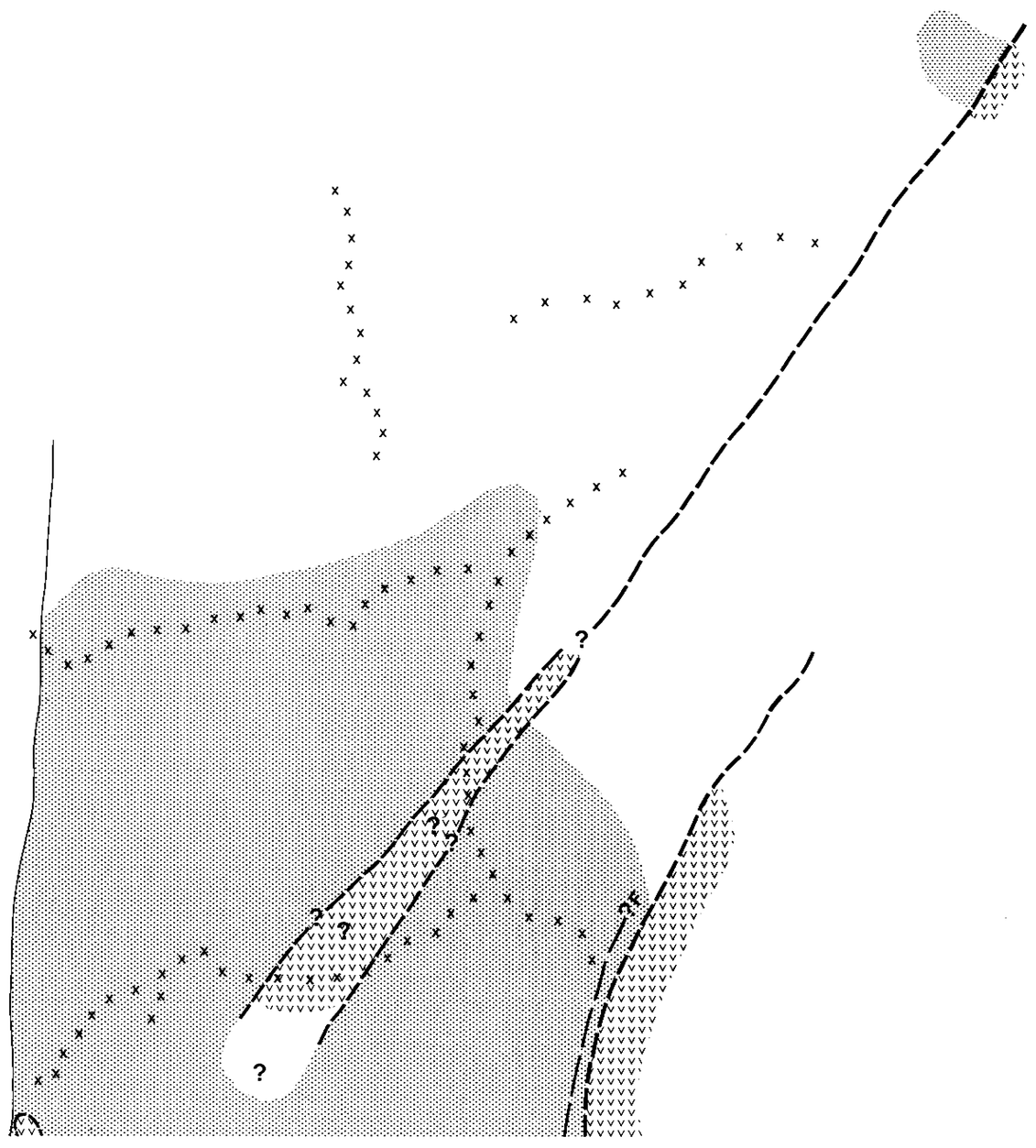
Sheet 1. Date June 82

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

Overlay 12 (i) of 1:50000 Dundas compilation, Tasmania

SHEET 13(1)

82-185



ALTERATION LEGEND:

- X X X Traverses sampled
- ——— Boundary of Central Sequence
- – – – Host Horizon
- Hangingwall
- Shallow Footwall
- Deep Footwall
- Granite

5 cm

ALTERATION STYLES CENTRAL SEQUENCE

Sheet 1

Date Jan '82

Overlay 13 (I) of 1:50000 Dundas compilation, Tasmania

SHEET 1

7419

SHEET 13(1)

710006

82-1834

82-1834

370000 mE

5402000 mN

5378000 mN

41° 30'

41° 35'

41° 40'

145° 30'

145° 35'

145° 40'

Mt Pearse

Mt Ramsay

Mt Charter

Mt Romulus

High Tor

L. MACKINTOSH

E.L.12/72

E.L.1/62

HUSKISSON

RAMSAY

MURCHISON

QUE RIVER

HIGHWAY

RAILWAY

ROAD

RIVER

Creek

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

RHS Drill Hole

E.L. Boundary

M.L. Boundary

ALTERATION LEGEND:

X X X X Traverses sampled

Boundary of Central Sequence Host Horizon

Hangingwall

Shallow Footwall

Deep Footwall

Granite

5 cm

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

SHEET INDEX

Scale 1:1000 000

GETTY

COMPILAT

5 cm

ALTERATION STYLES

GEOLOGY CENTRAL SEQUENCE

Sheet 1

Date Jan '82

Date June 82

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

Overlay 13 (1) of 1:50000 Dundas compilation, Tasmania

SHEET 14(1)

82-1834

Silver Falls Extension Grid

·····	Scintrex , 1980	E·Z File (315·04/7T) Dipole - Dipole
———	Scintrex , 1981	E·Z Report No. 137 Gradient Array

Silver Falls Grid

·····	Solo Geophysics	1979 for Aberfoyle Expl. P.L. E·Z Files Dipole - Dipole

North Pinnacles Grid

·····	Scintrex , 1979	E·Z File (315·04/6T) Dipole - Dipole
·····	Scintrex , 1979	E·Z File (315·04/23T) Dipole - Dipole
·····	Scintrex , 1979	E·Z File (315·04/8T) Dipole - Dipole
o	Scintrex , 1980	E·Z File (315·04/10T) Downhole I.P. NPP 213, NPP 215

Cutty Sark Grid

— — —	Scintrex ,	TAS 041 Gradient Array
·····	Geoex , 1978	E·Z Report 131 Dipole - Dipole

Silver Falls Ext. Grid

Silver Falls Grid

North Pinnacles Grid

Boco Grid

Farm Creek Grid

Farrell Grid

Pieman Grid

Mt Sale Grid

Cutty Sark Grid

Que River Grid

Que River Grid

⊙	Scintrex , 1978	E·Z File (315·04/15) Electrical Sounding

Boco Grid

— — —	Scintrex , 1976-77	E·Z File (315·04/24T) Gradient Array
———	Scintrex , 1978	E·Z File (315·04/24T) Dipole-Dipole
·····	Scintrex , 1979	E·Z File (315·04/23T) Dipole-Dipole
⊙	Scintrex , 1976	E·Z File (315·04/26T) Electrical Sounding (Schlumberger)

Farm Creek Grid

·····	Scintrex , 1979	E·Z File (315·04/23T) Dipole - Dipole
·····	Scintrex , 1980	E·Z File (315·04/10T) Dipole - Dipole

Farrell Grid

·····	McPhar , 1970	E·Z File (315·04/16T) Dipole - Dipole

Mt. Sale Grid

— — —	Scintrex , 1979	E·Z File (315·04/17T) Gradient Array
·····	Scintrex , 1979	E·Z File (315·04/17T) Dipole - Dipole

Pieman Grid

·····	Geoex , 1978	E·Z Report No. 131 Dipole - Dipole

5 cm

I. P. COVERAGE

Sheet 1

Date June '82

Overlay 14(I) of 1:50000 Dundas compilation, Tasmania

SHEET 1

710006

82-1834

SHEET 14(1)

82-1834

370000 mE 75 80 85 90 95

5402000 mN 02 98 94 90 86 82 78

41°30' 41°35' 41°40' 145°30' 145°35' 145°40'

RAILWAY ROAD WERATAH HIGHWAY RIVER HUSKISSON RAMSAY MARIONS HAMFIELD CROSSTHWAITE QUE SOUTHWELL

△Mt Ramsay △Mt Pearse △Mt Charter △Mt Romulus △Mt Huxley

E.L.12/72

E.L.1/62

Que River Grid
⊙ Scintrex , 1978 E·Z File (315·04/15) Electrical Sounding

QUE RIVER

Silver Falls Extension Grid
····· Scintrex , 1980 E·Z File (315·04/7T) Dipole-Dipole
— — — Scintrex , 1981 E·Z Report No. 137 Gradient Array

Silver Falls Grid
····· Solo Geophysics 1979 for Aberfoyle Expl. P.L. E·Z Files Dipole-Dipole

North Pinnacles Grid
····· Scintrex , 1979 E·Z File (315·04/6T) Dipole-Dipole
····· Scintrex , 1979 E·Z File (315·04/23T) Dipole-Dipole
····· Scintrex , 1979 E·Z File (315·04/8T) Dipole-Dipole
o Scintrex , 1980 E·Z File (315·04/10T) Downhole I.P. NPP 213, NPP 215

Cutty Sark Grid
— — — Scintrex , TAS 041 Gradient Array
····· Geoex , 1978 E·Z Report 131 Dipole-Dipole

Boco Grid
— — — Scintrex , 1976-77 E·Z File (315·04/24T) Gradient Array
——— Scintrex , 1978 E·Z File (315·04/24T) Dipole-Dipole
Scintrex , 1979 E·Z File (315·04/23T) Dipole-Dipole
⊙ Scintrex , 1976 E·Z File (315·04/26T) Electrical Sounding (Schlumberger)

Farm Creek Grid
····· Scintrex , 1979 E·Z File (315·04/23T) Dipole-Dipole
····· Scintrex , 1980 E·Z File (315·04/10T) Dipole-Dipole

Farrell Grid
····· McPhar , 1970 E·Z File (315·04/16T) Dipole-Dipole

Mt. Sale Grid
— — — Scintrex , 1979 E·Z File (315·04/17T) Gradient Array
····· Scintrex , 1979 E·Z File (315·04/17T) Dipole-Dipole

Pieman Grid
····· Geoex , 1978 E·Z Report No. 131 Dipole-Dipole

H066-M&91M/74

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
- DDH ○ Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

Scale 1:1000 000

5 cm

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

GETTY - E.Z - MT LYELL

COMPILA 5 cm

GEOLOGY - INTERPRETATION
I. P. COVERAGE

Sheet 1
Sheet 1

Date June '82
Date June 82

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

Overlay 14(1) of 1:50000 Dundas compilation, Tasmania

SHEET 15(1)

82-1634

Que River Grid

Dipole - Dipole
Anomaly value 14 mV/V

Dipole - Dipole
Percentage Frequency
Effect ~4.0

Dipole - Dipole
Anomaly value greater than 16 mV/V

North Pinnacles Grid

Gradient Array
20 msec contour

Dipole - Dipole
Anomaly value greater than 20-25 mV/V

Bobs Grid

Dipole - Dipole
Anomaly value greater than 16 mV/V

Dipole - Dipole
Value greater than 16 msec

Dipole - Dipole Percentage Frequency Effect ~2 %

Perman Grid

Farrell Grid

Dipole - Dipole
Metal Factor ~ 50

Dipole - Dipole
Percentage Frequency
Effect 5-9 %

Average 10-15 mV/V

Cutty Sark Grid

Gradient Array
30 mV/V Contour

Dipole - Dipole value greater than 14 msec

Gradient Array
30 mV/V Contour

Overlay 15(1) of 1:50000 Dundas compilation Tasmania

5 cm

I. P. ANOMALIES - CHARGEABILITY

Sheet 1

Date June '82

SHEET 1

710006

82-1804

SHEET 15(1)

82-1834

370000 mE 75 80 85 90 95

5402000 mN 02 98 94 90 86 82 78

41° 30' 41° 35' 41° 40' 145° 30' 145° 40'

△Mt Pearse △Mt Ramsay △Mt Charter △Mt Romulus △Mt Tor

WARATAH ROAD

RAILWAY

HIGHWAY

HUSKISSON RIVER

HAMPTON RIVER

QUE RIVER

MACKINTOSH RIVER

E.L.12/72

Que River Grid

Silver Falls Ext. Grid

Dipole - Dipole Anomaly value 14 mV/V

Dipole - Dipole Percentage Frequency Effect ~4.0

Dipole - Dipole Anomaly value greater than 16 mV/V

Gradient Array 250 msec contour

North Pinnacles Grid

Dipole - Dipole Anomaly value greater than 20 - 25 mV/V

Boco Grid

Dipole - Dipole Anomaly value greater than 16 mV/V

Mackintosh Dam

Dipole - Dipole Value greater than 16 msec

Dipole - Dipole Percentage Frequency Effect ~2 %

Farrell Grid

Dipole - Dipole Metal Factor ~50

M066-M&91M/74

Dipole - Dipole Percentage Frequency Effect 5-9 %

Average 10-15 mV/V

Dipole - Dipole value greater than 14 msec

E.L.1/62

Gradient Array 30 mV/V Contour

Gradient Array 30 mV/V Contour

QUE RIVER

TULLEY

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

5 cm

GEOLOGY - INTERPRETATION
I. P. ANOMALIES - CHARGEABILITY

Sheet 1
Sheet 1

Date June '82
Date June 82

Overlay 15(1) of 1:50000 Dundas compilation Tasmania

SHEET 16(1)

82-1834

Que River Grid

Dipole - Dipole
Anomaly less than 700 Ωm

Silver Falls Ext Grid

Silver Falls
Grid

Dipole - Dipole
Anomaly value
~400 Ωm

North Pinnacles Grid

Dipole - Dipole
Anomaly value
less than 900 Ωm

Boco Grid

Gradient Array
1000 Ωm Contours

Farm Ck Grid

Farrell Grid

Pieman Grid

Gradient Array
1000 Ωm Contours

Cutty Sark Grid

Gradient Array
1000 Ωm Contours

Dipole - Dipole
Survey values 600 - 700 Ωm

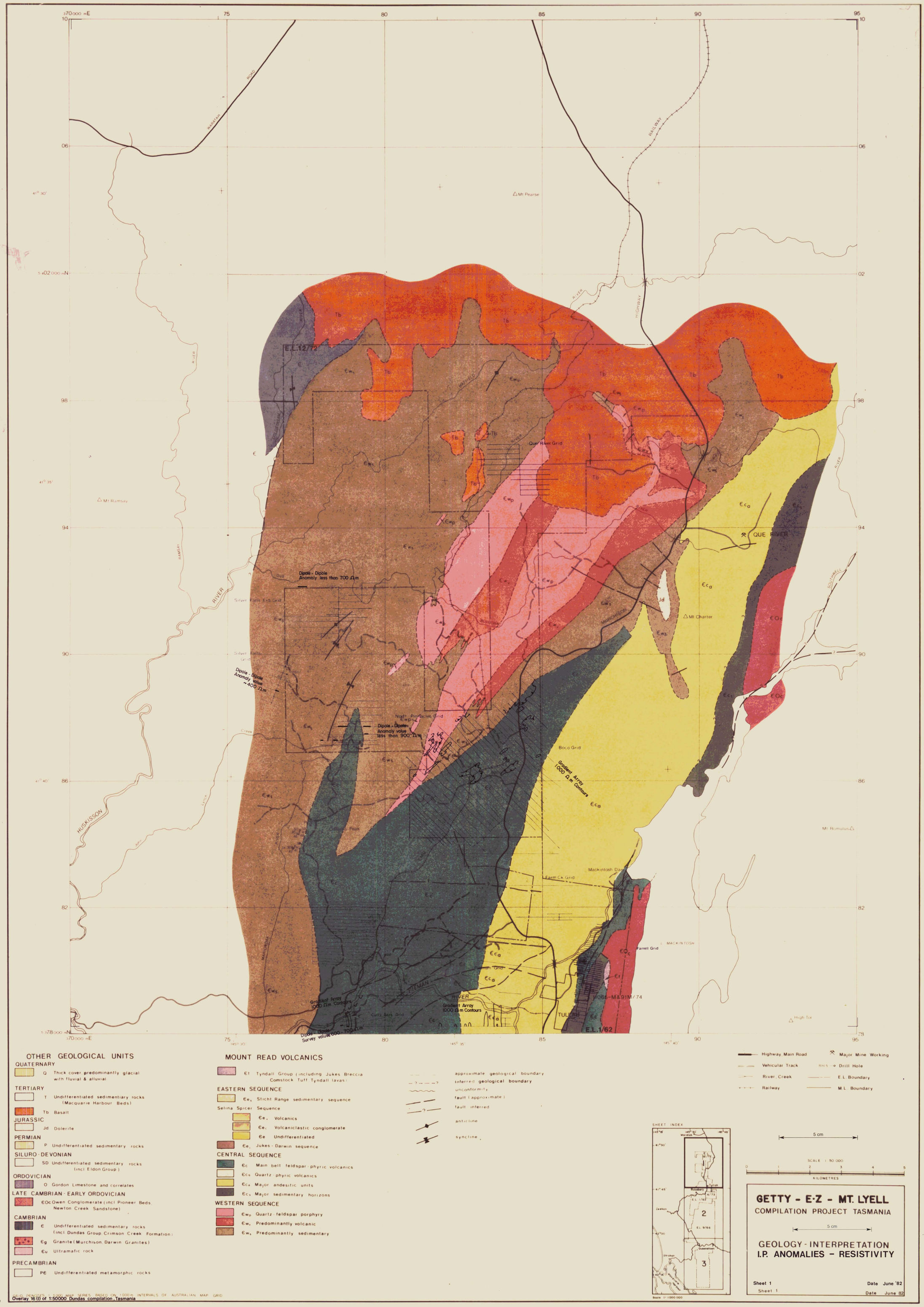
5 cm

I.P. ANOMALIES - RESISTIVITY

Sheet 1

Date June '82

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



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

5 cm

GEOLOGY - INTERPRETATION
I.P. ANOMALIES - RESISTIVITY

Sheet 1
Sheet 1

Date June '82
Date June 82

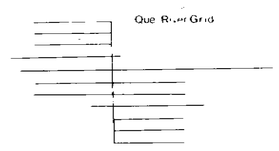
GRID RECTIFIED 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

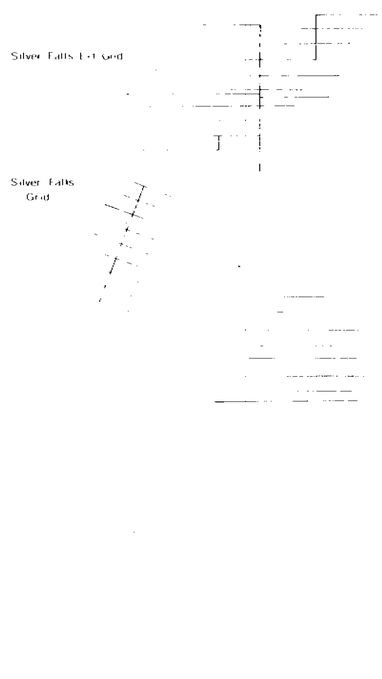
Overlay 16 (1) of 1:50000 Dundas compilation, Tasmania

SHEET 17(1)

82-1834

57





Mt. Sale Grid

—·—·— Scintrex , 1979 EZ (315-04/17T) SP

Farrell Grid

—— BMR , 1958 E-Z Files SP

—·—·— Richardson , 1952 E-Z Files SP

– – – – BMR , 1958 BMR Report No. 35 Turam

– – – – Richardson , 1952 E-Z Files Turam

5 cm

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

Sheet 1

Date June '82

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

SHEET 1

710006

82-1834

SHEET 17(1)

82-1834 57

370000 mE 75 80 85 90 95

5402000 mN 02 98 94 90 86 82 78

41° 30' 41° 35' 41° 40' 41° 45'

145° 30' 145° 35' 145° 40'

Mt Pearse △

Mt Ramsay △

Mt Charter △

Mt Romulus △

High Tor △

HIGHWAY

RAILWAY

ROAD

WARATAH

RIVER

HUSKISSON

RAMSAY

QUE

MURCHISON

SOUTHWELL

E.L.12/72

Que River Grid

Silver Falls Grid

Boco Grid

Mackintosh Dam

Farm Ck Grid

Farrell Grid

Mt. Sale Grid

L. MACKINTOSH

QUE RIVER

E.L.1/62

Tb Basalt

Jd Dolerite

Ecₐ Andesitic units

Ecₛ Sedimentary horizons

Ewₚ Quartz-feldspar porphyry

Ewᵥ Predominantly volcanic

Ewₛ Predominantly sedimentary

Mt. Sale Grid

Scintrex , 1979 EZ (315·04/17T) SP

Farrell Grid

BMR , 1958 E·Z Files SP

Richardson , 1952 E·Z Files SP

BMR , 1958 BMR Report No. 35 Turam

Richardson , 1952 E·Z Files Turam

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
- €eₛ Sticht Range sedimentary sequence

Selina Spicer Sequence
- €eᵥ Volcanics
- €eᶜ Volcaniclastic conglomerate
- €e Undifferentiated
- €eⱼ Jukes-Darwin sequence

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

WESTERN SEQUENCE
- €wₚ Quartz-feldspar porphyry
- €wᵥ Predominantly volcanic
- €wₛ 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
RHS 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

5 cm

GEOLOGY - INTERPRETATION
E.M; S.P; GRAVITY & APPLD POT. COVERAGE

Sheet 1
Sheet 1.

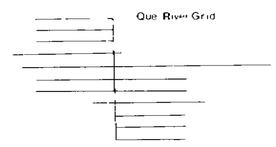
Date June '82
Date June 82

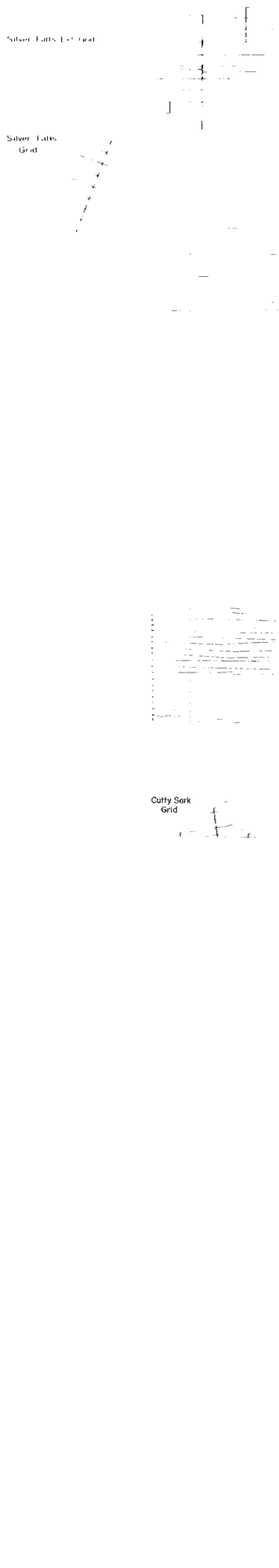
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

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

SHEET 18(1)

82-1834





5 cm

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

Sheet 1

Date June '82

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

SHEET 1

82-1834

710006

SHEET 1811

82-1834

60

370000 mE

5402000 mN

5178000 mN

170000 mE

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA

GEOLOGY - INTERPRETATION E.M; S.P; GRAVITY & APPLD POT. ANOMALIES

Sheet 1
Sheet 1

Date June '82
Date June 82

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

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

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

- Highway Main Road
- Vehicular Track
- River Creek
- Railway
- Major Mine Working
- DDH 5 Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

Scale 1:1000000

5 cm

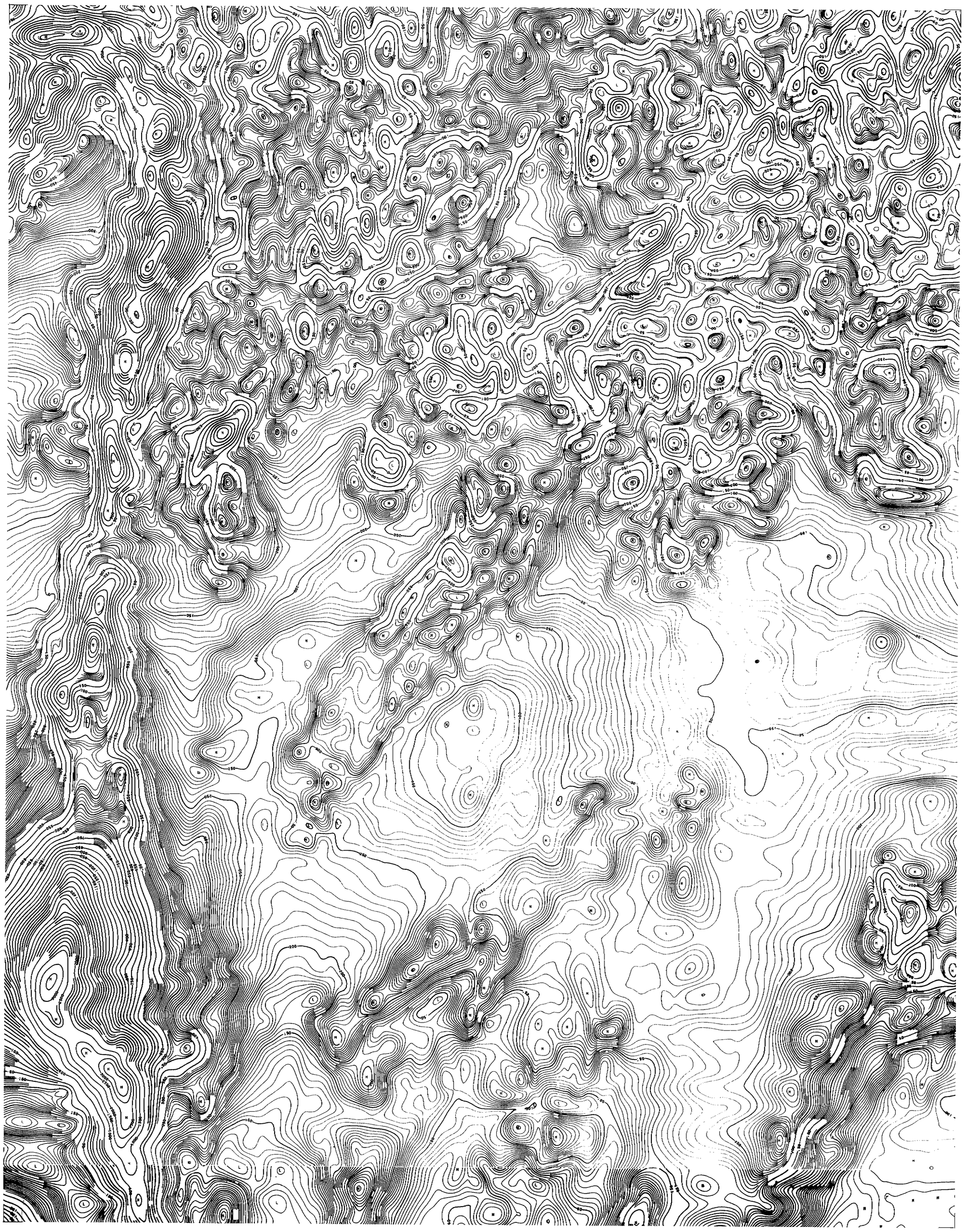
SCALE 1:50000

0 1 2 3 4 5

KILOMETRES

SHEET 19(1)

82-1834



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

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

5 cm

AEROMAGNETIC RESIDUAL TOTAL INTENSITY CONTOURS

Sheet 1

Date Sept. '82

SHEET 1

710006

82-1834

SHEET 19 (1)

82-1834

63

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

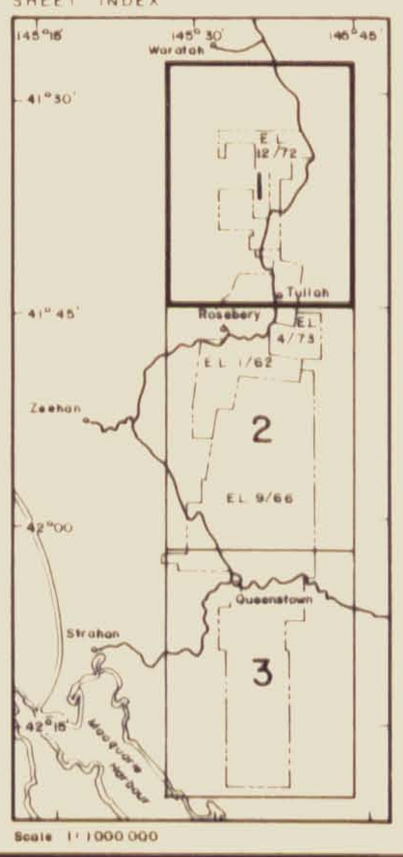
Drill Hole

E.L. Boundary

M.L. Boundary

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

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 CONTOURS

Sheet 1 Date Sept. '82

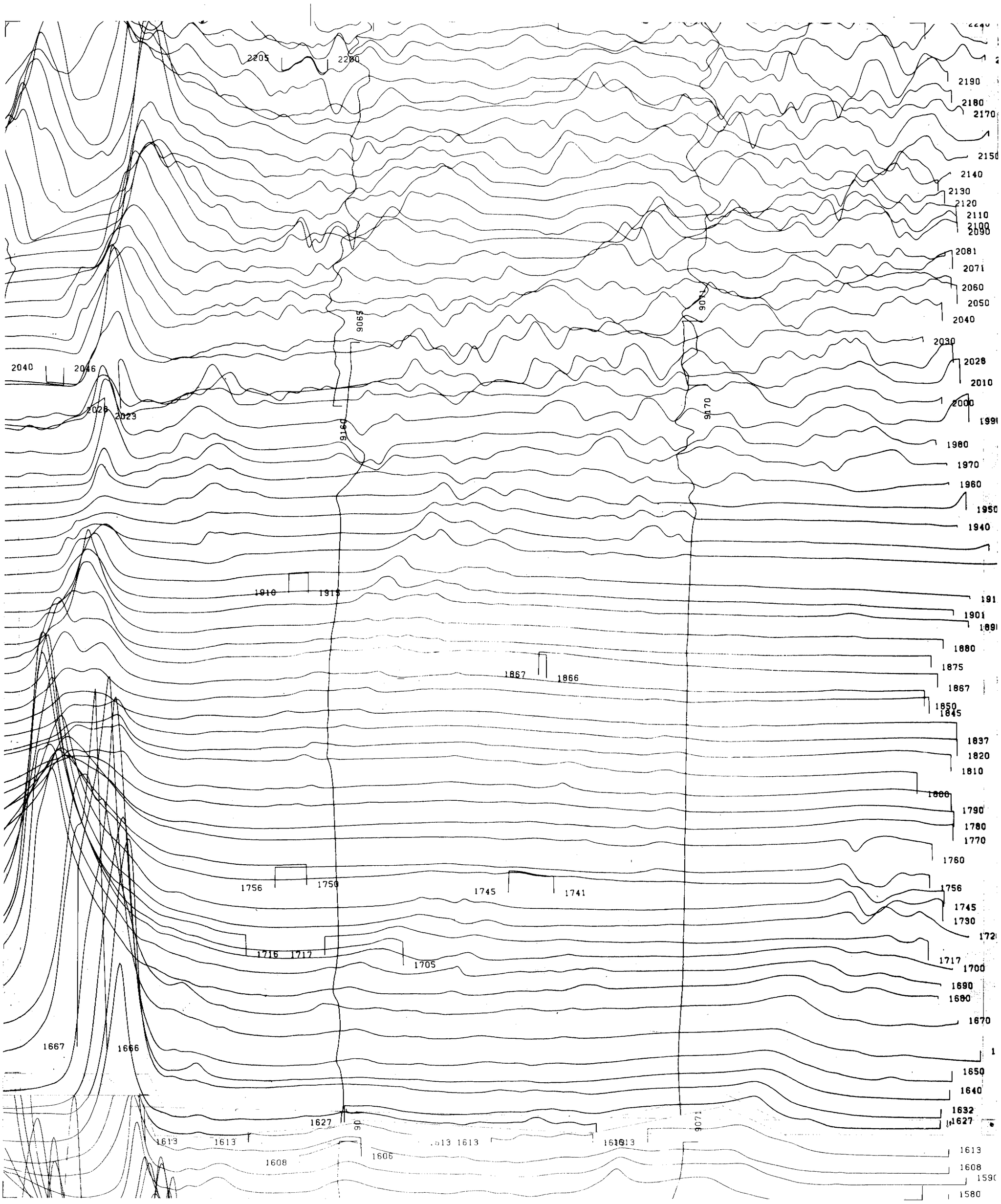
Sheet 1 Date June 82

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

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

SHEET 20(1)

82-1824



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

Surveyed by GEOEX Pty. Ltd. for the
DEPARTMENT OF MINES, Tasmania,
May 1981
BASELINE VALUE 0 n Tesla
VERTICAL SCALE 1cm : 200 n T.

5 cm

AEROMAGNETIC RESIDUAL TOTAL INTENSITY STACKED PROFILES

Sheet 1

Date Sept. '82

SHEET 1

82-1854

710006

SHEET 20(1)

82-1854 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

- PE Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- Et Tyndall Group (including Jukes Breccia Comstock Tuff Tyndall lavas)

EASTERN SEQUENCE

- €es Sticht Range sedimentary sequence

Selina Spicer Sequence

- €e Volcanics
- €ec Volcaniclastic conglomerate
- €e Undifferentiated

- €ej Jukes-Darwin sequence

CENTRAL SEQUENCE

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

WESTERN SEQUENCE

- €wp Quartz-feldspar porphyry
- €w Predominantly volcanic
- €ws 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 1:1000 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 1
Sheet 1

Date Sept. 82
Date June 82

Surveyed by GEOEX Pty. Ltd. for the DEPARTMENT OF MINES, Tasmania, May 1981
BASELINE VALUE 0 n Tesla
VERTICAL SCALE 1cm : 200 n T.

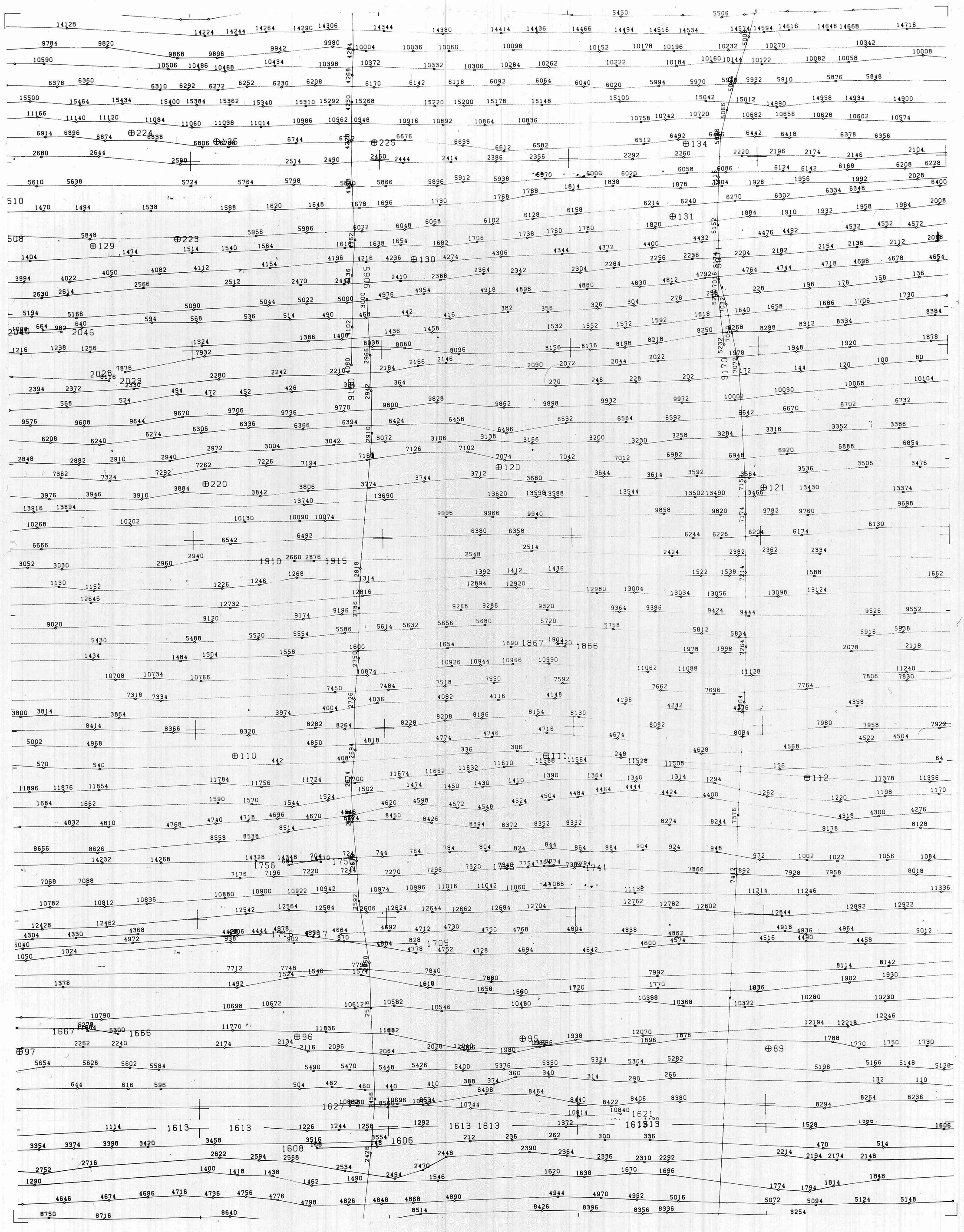
GRID: PRINCIPAL 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

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

7443

SHEET 21 (I)

82 - 1834 69



5 cm

AEROMAGNETIC FLIGHT LINES

Sheet 1

Date June '82

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

SHEET 1

710056

82-1834

SHEET 21(1)

82-1834 69

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 21 (1) of 1:50000 Dundas Compilation, Tasmania

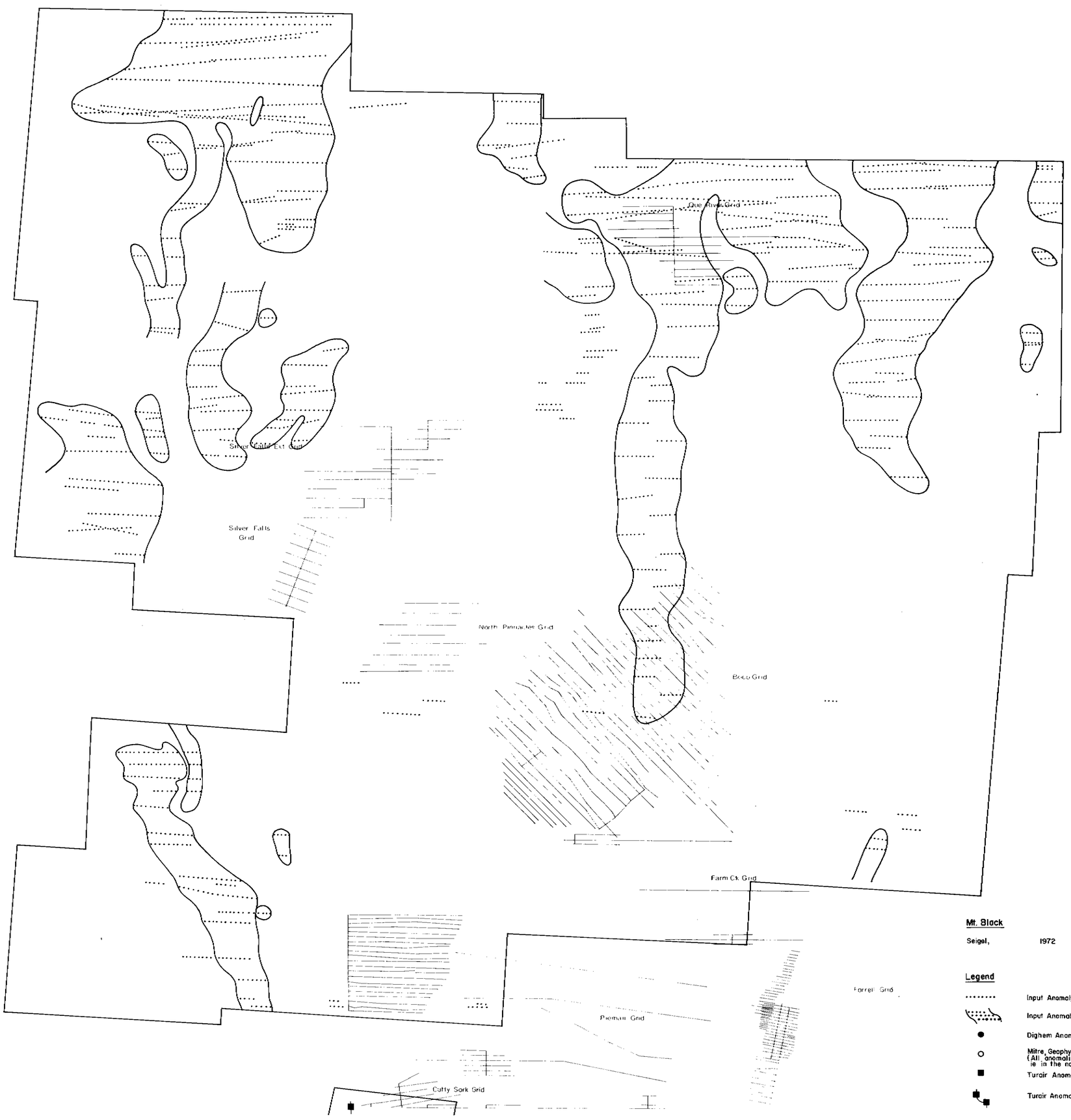
1446

SHEET 22(1)

82-1834 72

Bulgobac Area

Geoterrex, 1975 EZ 315-03/6T
INPUT EM



Mt. Black

Seigel, 1972 EZ 315-10/2T
Turair

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 1 Date June '82

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

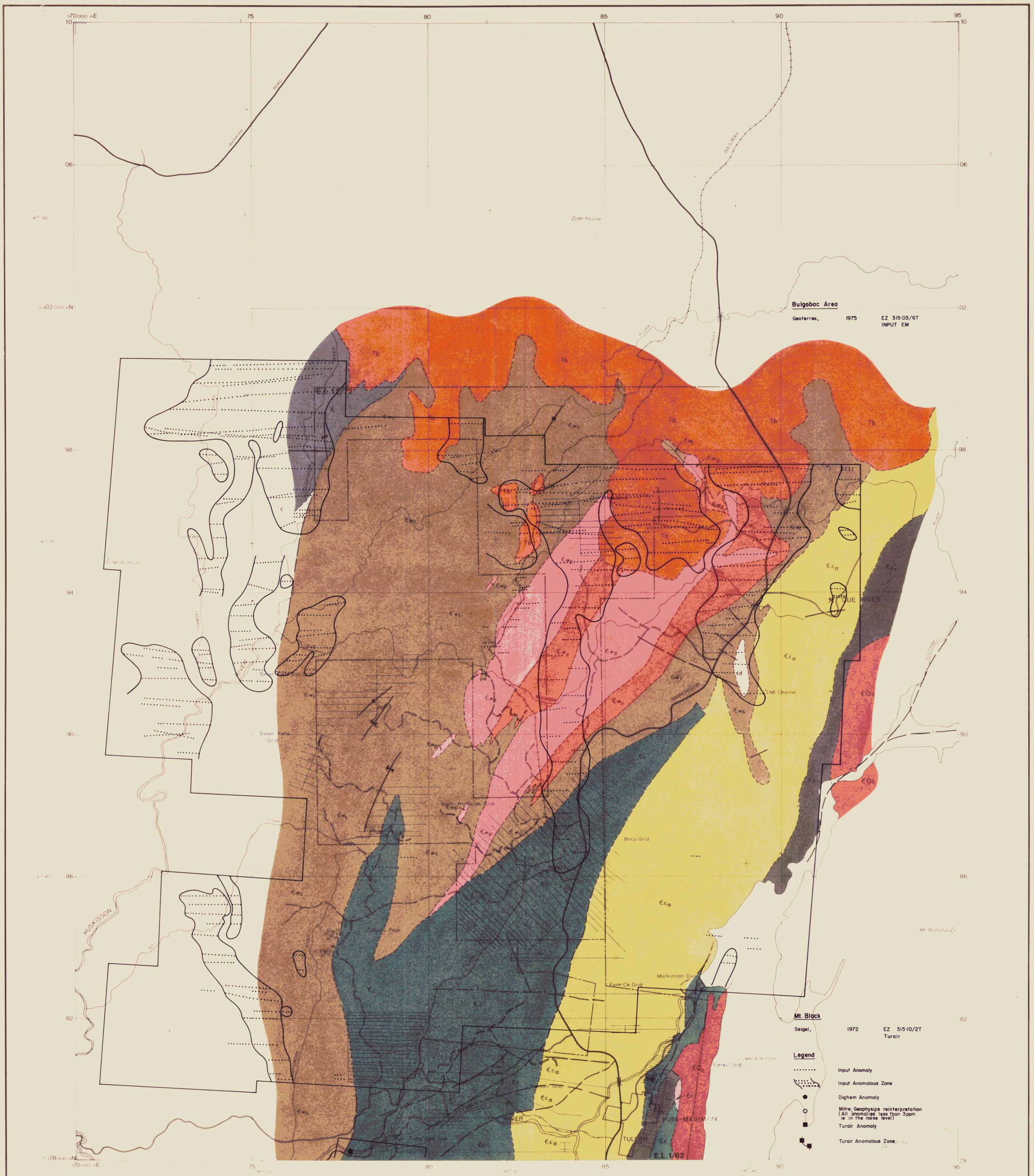
SHEET 1

82-1834

7440

SHEET 22(1)

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
- 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

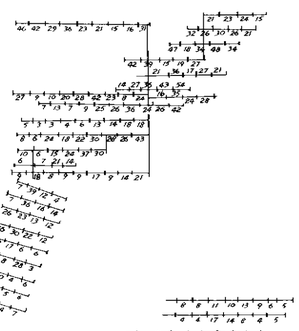
approximate geological boundary
inferred geological boundary
unconformity
fault (approximate)
fault inferred
anticline
syncline

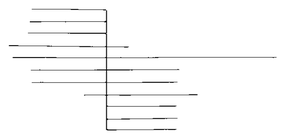
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

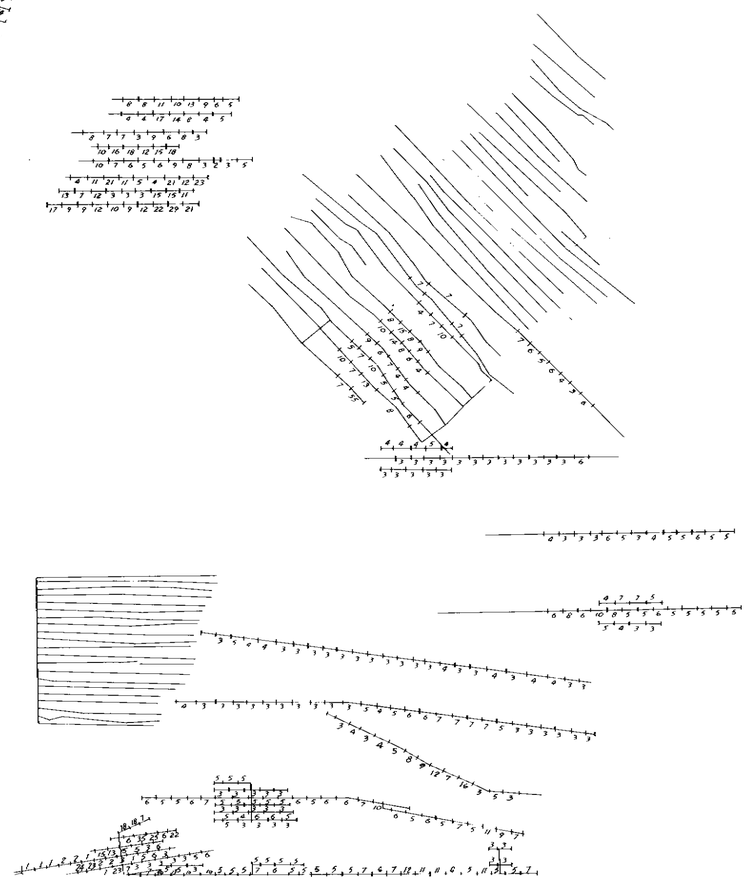
Overlay 22(1) of 1:50000 Dundas compilation Tasmania

SHEET 23 (1)

82-1834







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

5 cm

REGIONAL DISTRIBUTION OF COPPER IN SOILS

Sheet 1

Date June '82

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

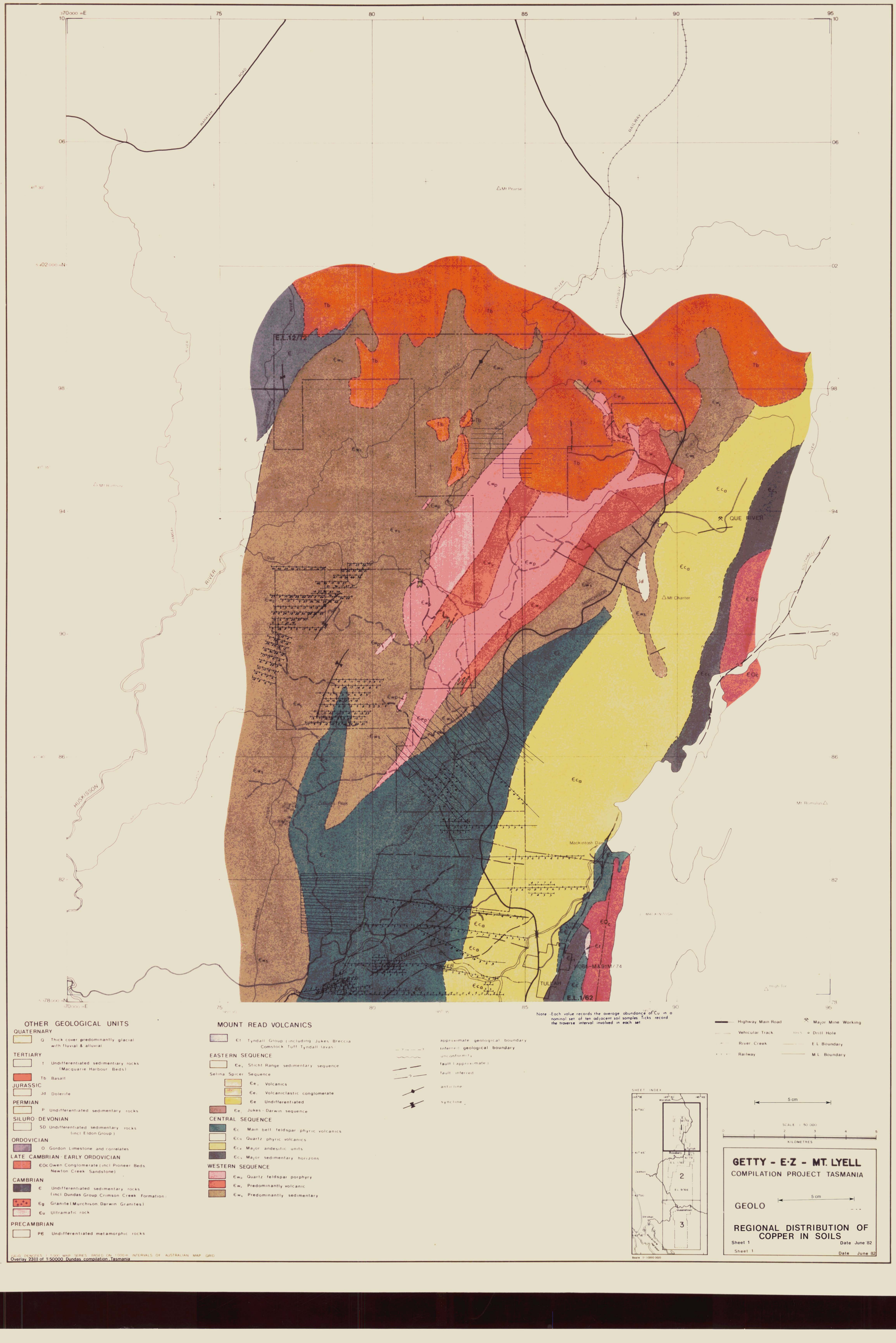
SHEET 1

710006

82-1834

SHEET 23(1)

82-1834



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

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

- Et 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

5 cm

GEOLO

REGIONAL DISTRIBUTION OF COPPER IN SOILS

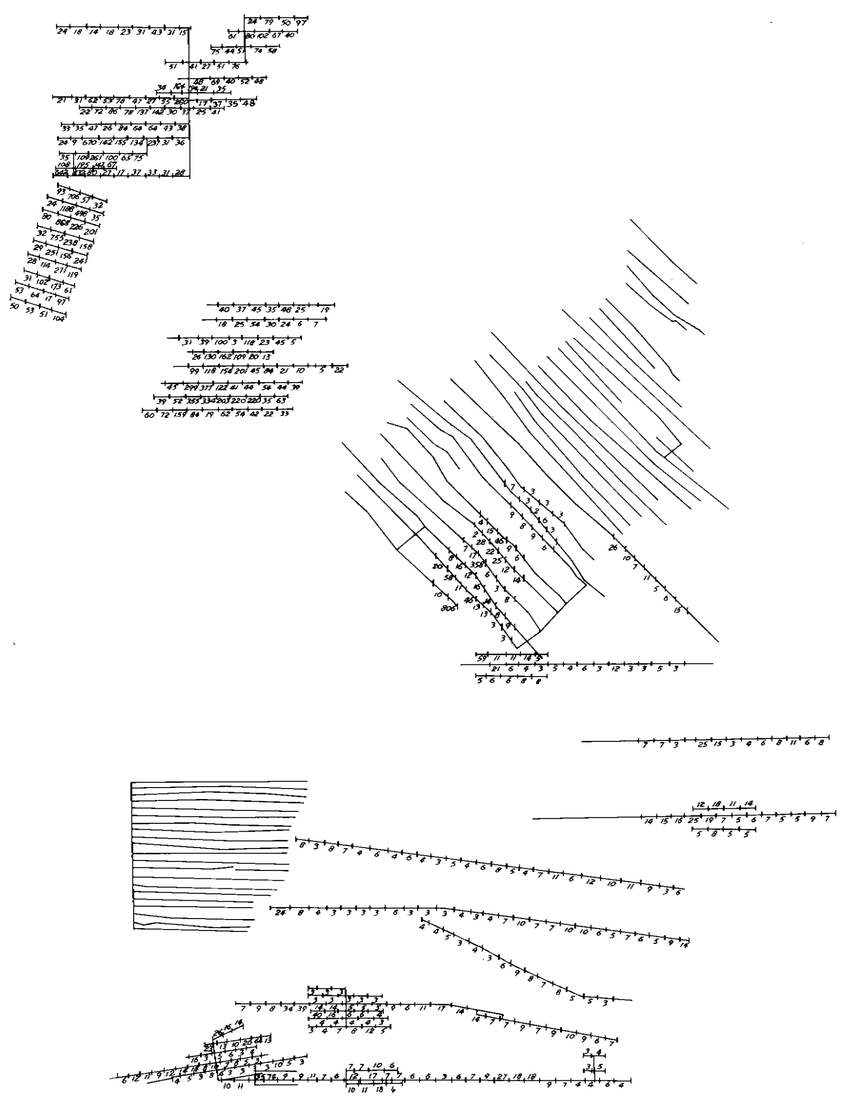
Sheet 1 Date June 82

Sheet 1 Date June 82

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

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

SHEET 24(1)



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

5 cm

REGIONAL DISTRIBUTION OF LEAD IN SOIL

Sheet 1

Date June'82

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

SHEET 1

710006

82-1854

7152

SHEET 24(1)

82-1854 78

370000 mE 75 80 85 90 95

10 06 02 98 94 90 86 82 78

41° 30' 41° 35' 41° 40'

5 402 000 mN

5 378 000 mN

145° 30' 145° 35' 145° 40'

Mt Pearse △ Mt Ramsay △ Mt Charter △ Mt Romulus △ High Tor △

WARATAH ROAD RAILWAY HIGHWAY RIVER HAMPSHIRE HILLS HAMPSHIRE CREEK HAMPSHIRE RIVER RAMSAY RIVER HUSKISSON RIVER QUE RIVER SOUTHWELL RIVER BULGOBAC MURCHISON L MACKINTOSH TULLAH Mackintosh Dam

E.L.12/72 E.L.1/62 1066-M&91M/74

Tb Ewp Ews Ecg Eca Ec Ecc EOc Et Jd

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

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
- €es Sticht Range sedimentary sequence

Selina Spicer Sequence
- €ev Volcanics
- €ec Volcaniclastic conglomerate
- €e Undifferentiated

- €ej Jukes-Darwin sequence

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

WESTERN SEQUENCE
- €wp Quartz-feldspar porphyry
- €wv Predominantly volcanic
- €ws 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
RHS Drill Hole
E.L. Boundary
M.L. Boundary

SHEET INDEX

Wardlaw 1/72 Tullah 4/73 Rosebery 4/73 E.L. 1/62 2 EL 9/66 Zeehan Queenstown Strahan 3

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

GE 5 cm ION

REGIONAL DISTRIBUTION OF LEAD IN SOIL

Sheet 1 Date June 82

Sheet 1 Date June 82

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

SHEET 25(1)

82-1854

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 1

Date June '82

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

SHEET 1

710006

82-1854

SHEET 25(1)

82-1854 81

370000 mE 75 80 85 90 95

5402000 mN 02 98 94 90 86 82 78 5378000 mN

145° 30' 145° 35' 145° 40' 145° 45'

41° 30' 41° 35' 41° 40'

Mt Ramsay Mt Pearse Mt Charter Burns Peak Mt Romulus High Tor

WARATAH ROAD RAILWAY HIGHWAY RIVER HUSKISSON RAMSAY MACKINTOSH QUE RIVER SOUTHWELL HATFIELD BULGOBAC MURCHISON

E.L.12/72 E.L.1/62 H066-M&91M/74

Mackintosh Dam

Tb Ews Ewp Ewv Ecv Ecs Ecc Eca Ec Et Jd EOc

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

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

EASTERN SEQUENCE
- €es Sticht Range sedimentary sequence

Selina Spicer Sequence
- €ev Volcanics
- €ec Volcaniclastic conglomerate
- €e Undifferentiated

- €ej Jukes-Darwin sequence

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

WESTERN SEQUENCE
- €wp Quartz-feldspar porphyry
- €wv Predominantly volcanic
- €ws Predominantly sedimentary

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

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.

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

SHEET INDEX

Scale 1:1000 000

5 cm

SCALE 1:50 000

0 1 2 3 4 5 KILOMETRES

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

5 cm

GEOLO

REGIONAL DISTRIBUTION OF ZINC IN SOILS

Sheet 1 Date June '82

Sheet 1 Date June 82

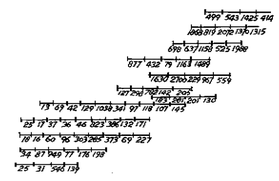
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

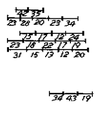
Overlay 25(1) of 1:50000 Dundas compilation, Tasmania

7458

SHEET 26(1)

82-1834 84





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

5 cm

REGIONAL DISTRIBUTION OF MANGANESE IN SOILS

Sheet 1

Date June '82

Overlay 26(I) of 1:50000 Dundas compilation, Tasmania

SHEET 1

710006

82-1834

SHEET 26(1)

82-1834

370000 mE 75 80 85 90 95

5402000 mN 02 98 94 90 86 82 78

41° 30' 41° 35' 41° 40' 145° 30' 145° 35'

Mt Pearse △

Mt Ramsay △

Mt Charter △

Mt Romulus △

Rocky Peak △

High Tor △

Mackintosh Dam

L. MACKINTOSH

QUE RIVER

TULLAH

E.L.12/72

E.L.1/62

1066-M&91M/74

RAILWAY

HIGHWAY

ROAD

WERATAH

HAYHEAD

BULGOBAC

MURCHISON

SOUTHWELL

HUSKISSON

RAMSAY

RIVER

Creek

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

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

- 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 - INT

5 cm

REGIONAL DISTRIBUTION OF MANGANESE IN SOILS

Sheet 1 Date June '82

Sheet 1. Date June 82

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

Overlay 26(1) of 1:50000 Dundas compilation Tasmania

SHEET 27(I)

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 1

Date June '82

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

SHEET 1

710006

82-1834

7360

SHEET 2701

82-1834

46

370000 mE 75 80 85 90 95

5402000 mN 02 98 94 90 86 82 78

41° 30' 41° 35' 41° 40'

145° 30' 145° 35' 145° 40'

ROAD

WARATAH

RAILWAY

HIGHWAY

RIVER

△Mt Pearse

△Mt Ramsay

△Mt Charter

△Mt Romulus

△Bluff Peak

△High Tor

E.L.12/72

E.L.1/62

QUE RIVER

Mackintosh Dam

L. MACKINTOSH

HAYFIELD

BULGOBAC

MURCHISON

HUSKISSON

RAMSAY

SOUTHWELL

Tb

Jd

Ews

Ewp

Ewv

Ec

Eca

Ecc

ECc

Ef

1066-M&9TM/74

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

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

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
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

Boats 1:1000 000

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

GEOLOGY - II 5 cm

CODED DISTRIBUTION OF COPPER IN SOILS

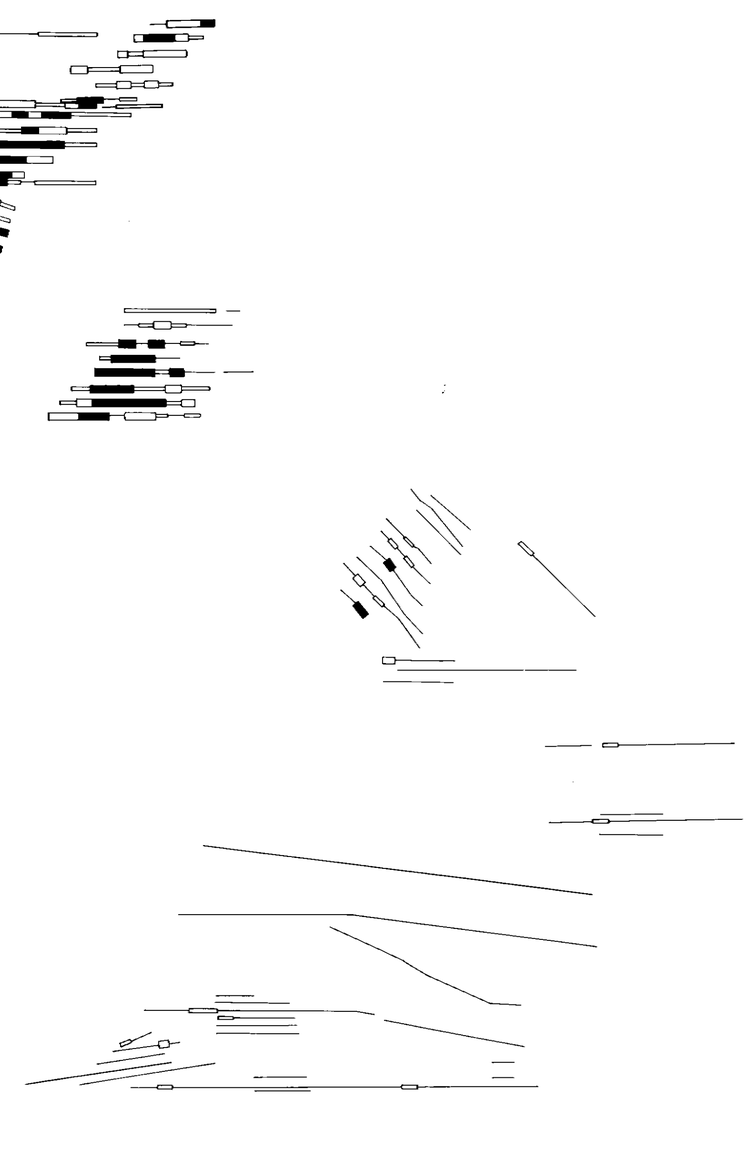
Sheet 1 Date June '82

Sheet 1 Date June 82

7463

SHEET 28(1)

82-1834 [89]



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

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

5 cm

CODED DISTRIBUTION OF LEAD IN SOILS

Sheet 1

Date June '82

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

SHEET 1

82-1854 710006

SHEET 28(1) 103

82-1854 89

370000 mE 75 80 85 90 95

5402000 mN 02 98 94 90 86 82 78 5378000 mN

41° 30' 41° 35' 41° 40' 145° 30' 145° 35' 145° 40'

WARATAH ROAD

RAILWAY

HIGHWAY

RIVER

△Mt Pearse

△Mt Ramsay

△Mt Charter

△Burns Peak

△Mt Romulus

△High Tor

E.L.12/72

E.L.1/62

QUE RIVER

Mackintosh Dam

L. MACKINTOSH

TULLAH

HUSKISSON

RAMSAY

SOUTHWELL

M066-M&91M/74

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
RHS Drill Hole
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 1:1000 000

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

GEOLOGY 5 cm

CODED DISTRIBUTION OF LEAD IN SOILS

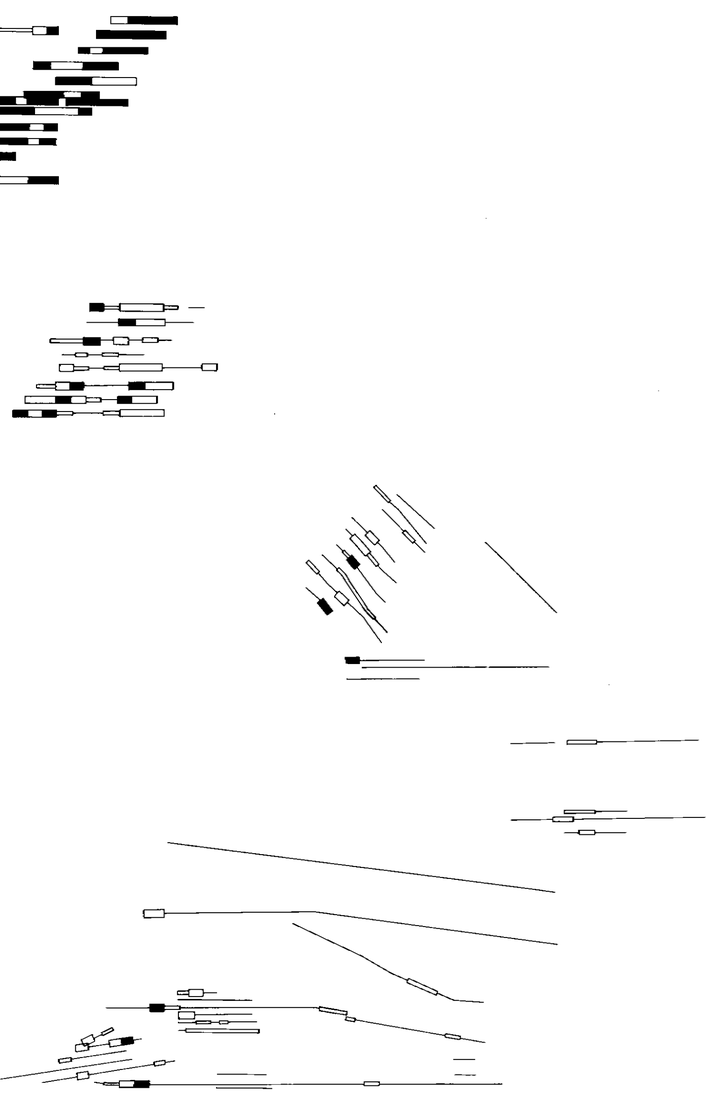
Sheet 1 Date June '82
Sheet 1 Date June 82

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

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

SHEET 29(1)

82-1834 a1



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 1

Date June '82

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

SHEET 1

710006

82-1834

SHEET 29(1)

82-1834 a2

370000 mE 75 80 85 90 95

5402000 mN 02 98 94 90 86 82 78

41° 30' 41° 35' 41° 40' 145° 30' 145° 35' 145° 40'

Mt Pearse △

Mt Ramsay △

Mt Charter △

Mt Romulus △

High Tor △

E.L.12/72

E.L.1/62

M086-M&91M/74

ROAD

WABATAH

RAILWAY

HIGHWAY

RIVER

QUE RIVER

MACKINTOSH

Mackintosh Dam

Tb Basalt

Jd Dolerite

Ecα Major andesitic units

Ecs Major sedimentary horizons

Ec Main belt feldspar-phyric volcanics

Ewp Quartz-feldspar porphyry

Ews Predominantly sedimentary

Ew Predominantly volcanic

EOc Owen Conglomerate

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

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

GEOLO

5 cm

CODED DISTRIBUTION OF ZINC IN SOILS

Sheet 1 Date June '82

Sheet 1. Date June 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
- EOc Owen Conglomerate (incl Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN
- E Undifferentiated sedimentary rocks (incl Dundas Group, Crimson Creek Formation)
- Eg Granite (Murchison, Darwin Granites)
- Eu Ultramafic rock

PRECAMBRIAN
- PE Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

- Et Tyndall Group (including Jukes Breccia Comstock Tuff Tyndall lavas)

EASTERN SEQUENCE
- Ees Sticht Range sedimentary sequence

Selina Spicer Sequence
- Eev Volcanics
- Eevc Volcaniclastic conglomerate
- Ee Undifferentiated

- Eej Jukes-Darwin sequence

CENTRAL SEQUENCE
- Ec Main belt feldspar-phyric volcanics
- Ecq Quartz-phyric volcanics
- Ecα Major andesitic units
- Ecs Major sedimentary horizons

WESTERN SEQUENCE
- Ewp Quartz-feldspar porphyry
- Ewv Predominantly volcanic
- Ews 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 Drill Hole
E.L. Boundary
M.L. Boundary

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

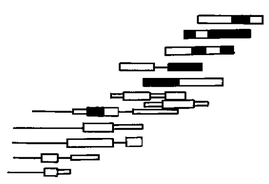
Overlay 29(1) of 1:50000 Dundas compilation, Tasmania

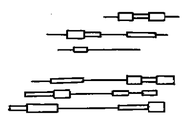
T40J

SHEET 30 (1)

82 - 1834

95





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

≥ 1000 ppm
200 - 999 ppm
100 - 199 ppm
< 100 ppm

5 cm

CODED DISTRIBUTION OF MANGANESE IN SOILS

Sheet 1

Date June '82

Overlay 30(1) of 1:50000 Dundas compilation, Tasmania

SHEET 1

710006

82-1854

SHEET 30 (1)

82-1854 95

370000 mE

75 80 85 90 95

10 06 02 98 94 90 86 82 78

5402000 mN

5378000 mN

41° 30' 41° 35' 41° 40' 41° 45'

145° 30' 145° 35' 145° 40'

Mt Pearse △

Mt Ramsay △

Mt Charter △

Mt Romulus △

High Tor △

Gordon Peak

Mackintosh Dam

L. MACKINTOSH

RAILWAY

HIGHWAY

ROAD

WARATAH

QUE RIVER

TULLAH

HUSKISSON RIVER

RAMSAY RIVER

QUE RIVER

PIEMAN RIVER

MACKINTOSH RIVER

SOUTHWELL RIVER

HATFIELD RIVER

COLOSTRUM RIVER

BULGOBIN RIVER

MURCHISON RIVER

E.L.12/72

E.L.1/62

1086-M&91M/74

Tb

Ews

Ewp

Ecs

Eca

Ec

EOc

Et

Jd

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

- Et 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$_a$ 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 Mn values averaged over nominal sets of ten adjacent soil samples.

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

≥ 1000 ppm
200 - 999 ppm
100 - 199 ppm
< 100 ppm

5 cm

SCALE 1:50 000

0 1 2 3 4 5 KILOMETRES

SHEET INDEX

Scale 1:1000 000

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

GEOLO 5 cm

CODED DISTRIBUTION OF MANGANESE IN SOILS

Sheet 1 Date June 82

Sheet 1. Date June 82

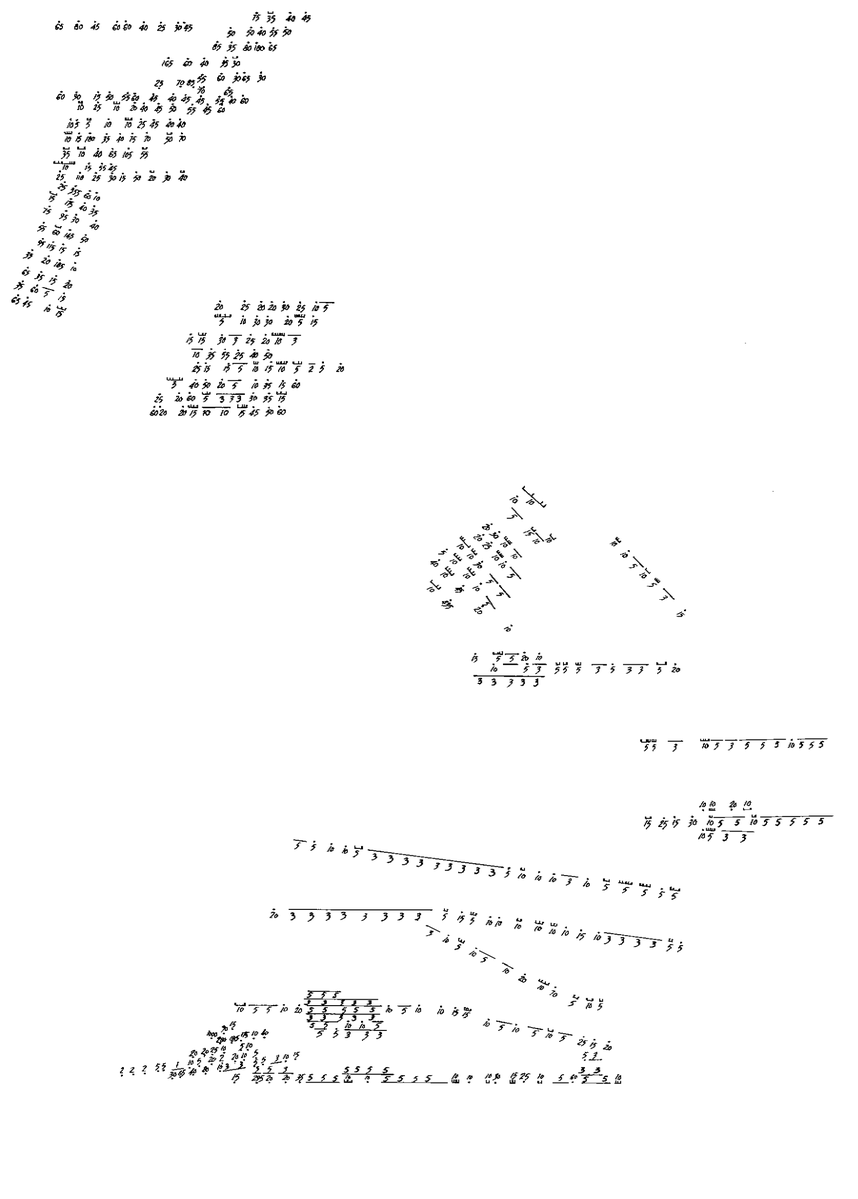
GRID DENOTES 1:50000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

Overlay 30(1) of 1:50000 Dundas compilation, Tasmania

7471

SHEET 31(i)

82-1834 97



Notes:- Values shown are the highest abundandance 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 1

Date June '82

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

SHEET 1

82-1804 710006

SHEET 31(1) 7471

82-1804 97

370000 mE 75 80 85 90 95

10 06 02 98 94 90 86 82 78

RAILWAY

ROAD

ASPHALT

△Mt Pearse

HIGHWAY

RIVER

E.L.12/72

HAYFIELD

COLEBROOK

BULGOBAC

MURCHISON

QUE RIVER

△Mt Charter

△Burns Peak

Mackintosh Dam

HUSKISSON

MARIONOA

TULLAH

E.L.1/62

△Mt Romulus

1086-M&91M/74

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

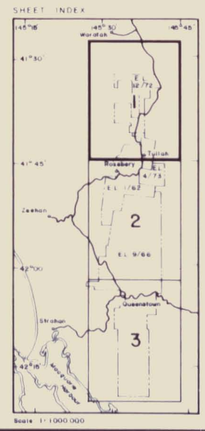
WESTERN SEQUENCE
- €w$_p$ Quartz feldspar porphyry
- €w$_v$ Predominantly volcanic
- €w$_s$ Predominantly sedimentary

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
Drill Hole
E.L. Boundary
M.L. Boundary

SHEET INDEX



Scale 1:1000 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 1 Date June 82

Sheet 1 Date June 82

THIS DRAWING IS BASED ON MAPS OF PARTS OF 2 ADJACENT INTERVALS OF AUSTRALIAN MAP GRID

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

7474

SHEET 32(1)

82-1834

100

Notes:- Values shown are the highest abundandance 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 1

Date June '82

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

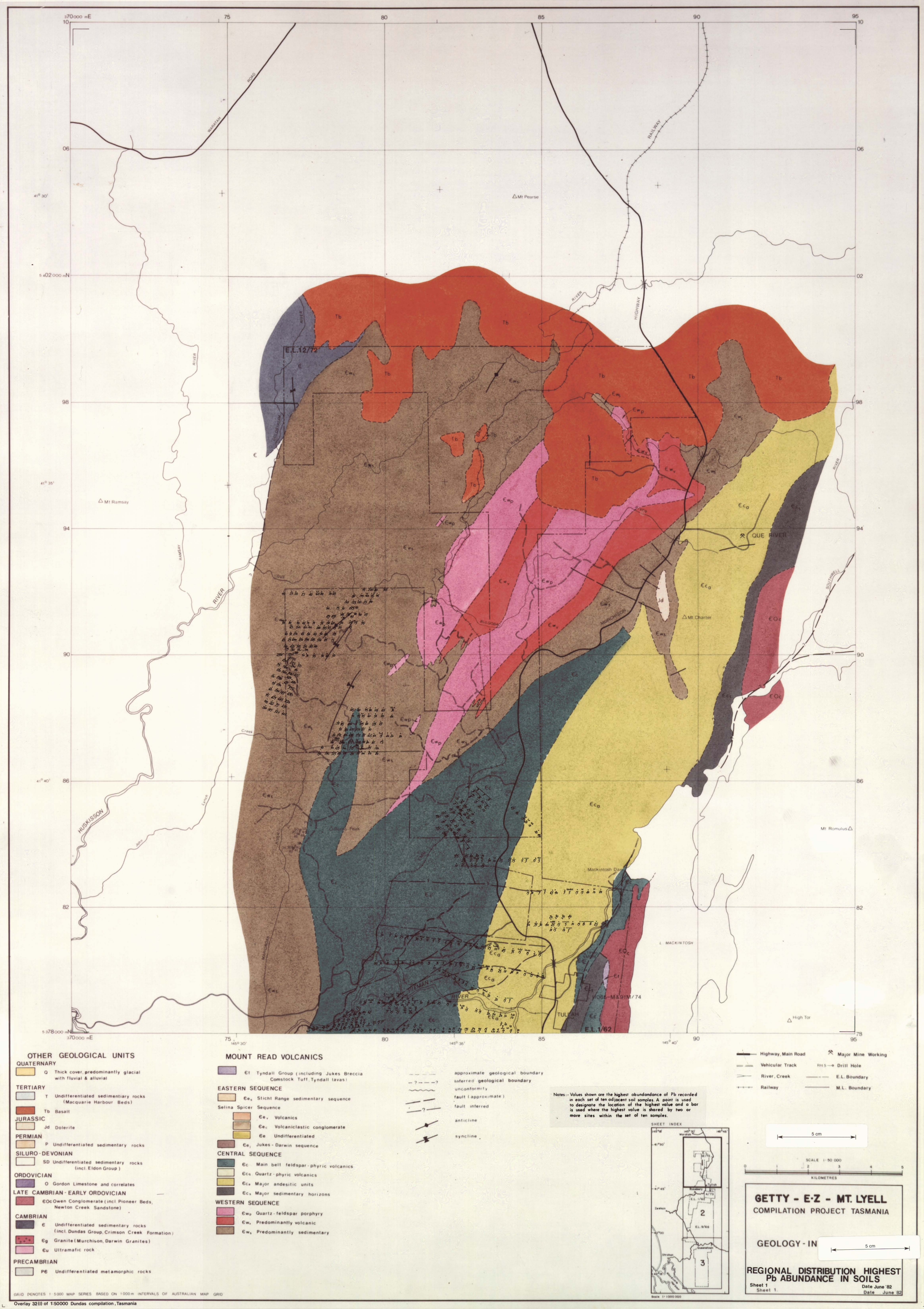
SHEET 1

7474

SHEET 32(1)

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

CAMBRIAN
- Є Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- Єg Granite (Murchison, Darwin Granites)
- Єu Ultramafic rock

PRECAMBRIAN
- PЄ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

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

EASTERN SEQUENCE
- Єes Sticht Range sedimentary sequence

Selina Spicer Sequence
- Єev Volcanics
- Єec Volcaniclastic conglomerate
- Єe Undifferentiated
- Єej Jukes - Darwin sequence

CENTRAL SEQUENCE
- Єc Main belt feldspar-phyric volcanics
- Єcq Quartz-phyric volcanics
- Єca Major andesitic units
- Єcs Major sedimentary horizons

WESTERN SEQUENCE
- Єwp Quartz-feldspar porphyry
- Єwv Predominantly volcanic
- Єws 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
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 - IN

5 cm

REGIONAL DISTRIBUTION HIGHEST Pb ABUNDANCE IN SOILS

Sheet 1
Sheet 1.

Date June '82
Date June 82

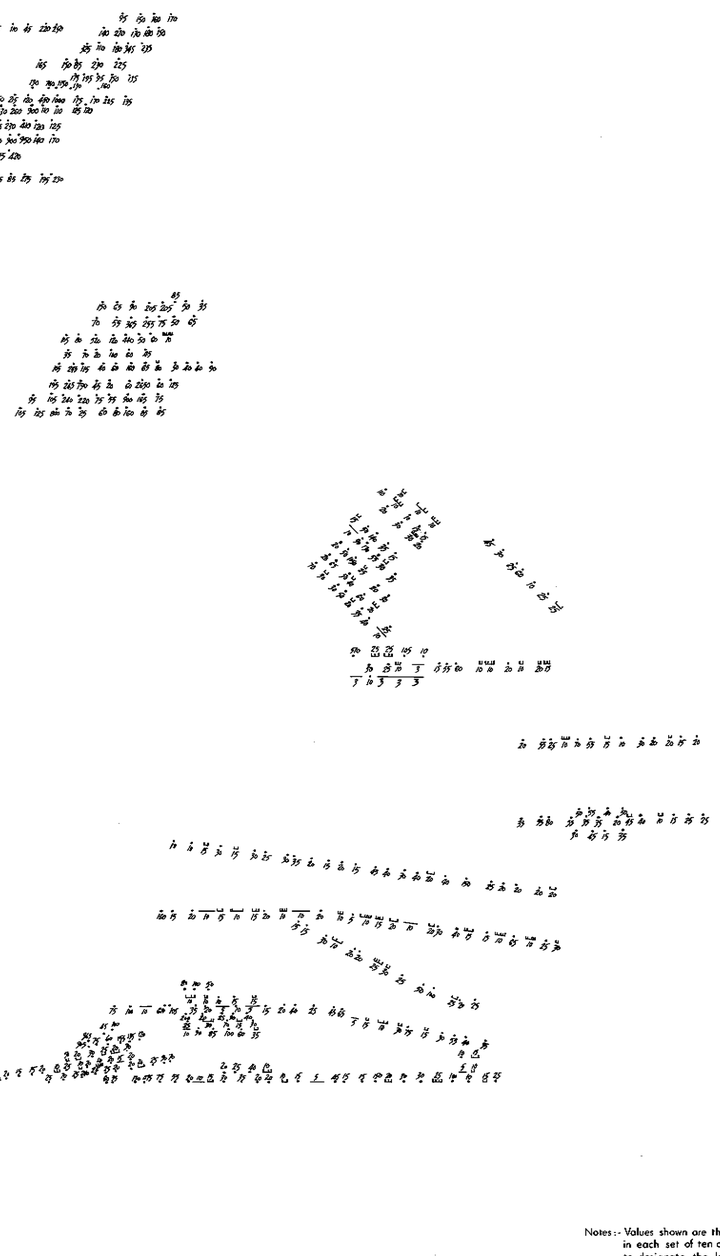
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

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

7477

SHEET 33(1)

82-1834 103



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.

5 cm

REGIONAL DISTRIBUTION HIGHEST Zn ABUNDANCE IN SOILS

Sheet 1

Date May '82

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

SHEET 1

7300

710006

82-1834

7477

SHEET 33(1)

82-1834 103

370000 mE 75 80 85 90 95

5 402 000 mN 98 94 90 86 82 5 378 000 mN

41° 30' 41° 35' 41° 40' 145° 30' 145° 35' 145° 40'

WARATAH ROAD

RAILWAY

△Mt Pearse

RIVER

HIGHWAY

E.L.12/72

SOLOSTREAM

WAYFIELD

△Mt Ramsay

RAMSAY

QUE RIVER

HUSKISSON

△Burns Peak

MURCHISON

SOUTHWELL

△Mt Charter

Mt Romulus△

Mackintosh Dam

L. MACKINTOSH

TIEMAN RIVER

TULLAH

H065-M&91M/74

E.L.1/62

△High Tor

Tb Basalt

Jd Dolerite

Ewp Quartz-feldspar porphyry

Ewv Predominantly volcanic

Ews Predominantly sedimentary

Eca Major andesitic units

Ecs Major sedimentary horizons

Ec Main belt feldspar-phyric volcanics

EOc Owen Conglomerate

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
- EOc 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
- €es Sticht Range sedimentary sequence

Selina Spicer Sequence
- €ev Volcanics
- €ec Volcaniclastic conglomerate
- €e Undifferentiated

- €ej Jukes-Darwin sequence

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

WESTERN SEQUENCE
- €wp Quartz-feldspar porphyry
- €wv Predominantly volcanic
- €ws Predominantly sedimentary

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

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.

Highway, Main Road
Vehicular Track
River, Creek
Railway
Major Mine Working
RH 5 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 Zn ABUNDANCE IN SOILS

Sheet 1
Sheet 1.

Date May '82
Date June 82

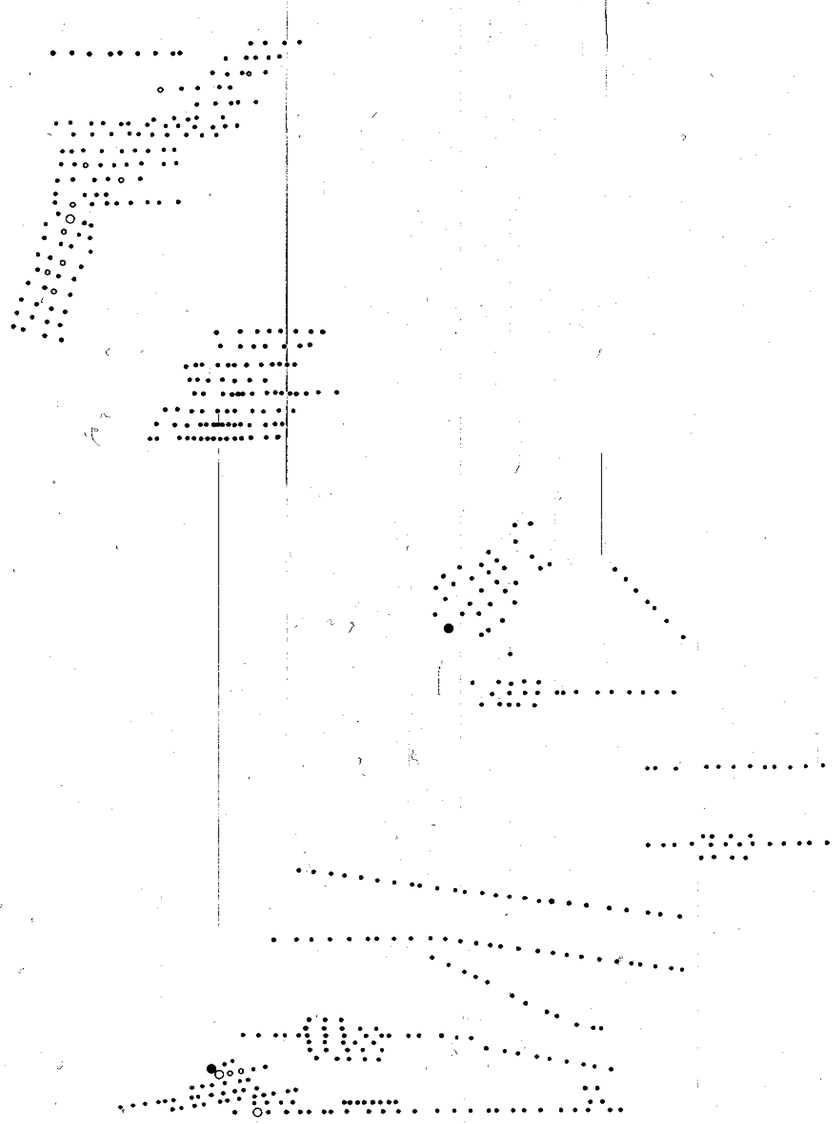
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

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

7480

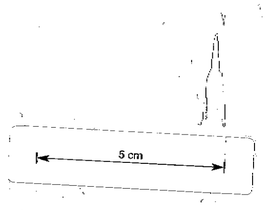
SHEET 34(1)

82-1834 106



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

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



CODED DISTRIBUTION HIGHEST Cu ABUNDANCE IN SOILS

Sheet 1

Date May '82

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

SHEET 1

7480

SHEET 34(1)

82-1834 106

710006

82-18[illegible]4

370000 mE

5402000 mN

5378000 mN

E.L.12/72

E.L.1/62

Mt Ramsay △

Mt Pearse △

Mt Charter △

Mt Romulus △

High Tor △

Burns Peak △

QUE RIVER

L. MACKINTOSH

Mackintosh Dam

TULLAH

HUSKISSON

RAMSAY RIVER

HIGHWAY

RAILWAY

WARATAH ROAD

SOUTHWELL RIVER

MURCHISON RIVER

DUCK RIVER

HATFIELD RIVER

COLDSTREAM RIVER

BULGOMAL RIVER

JOHN RIVER

LYNCH Creek

TIEMAN RIVER

1086-M&91M/74

Wordale

Tullah

Rosebery

Zeehan

Strahan

Queenstown

Macquarie Harbour

SHEET INDEX

Scale 1:1000 000

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
RH 5 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

KILOMETRES

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

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

GEO[illegible]ON

5 cm

CODED DISTRIBUTION HIGHEST Cu ABUNDANCE IN SOILS

Sheet 1
Sheet 1.

Date May '82
Date June 82

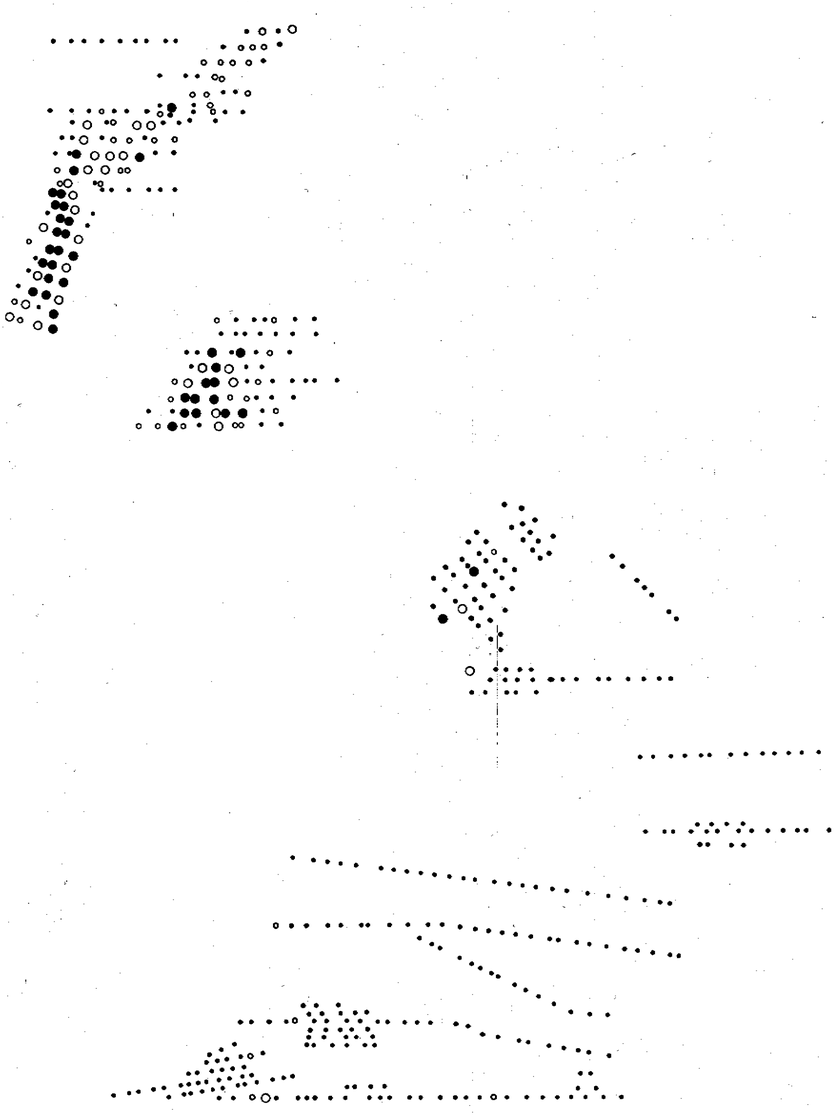
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

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

7483

SHEET 35(1)

82-1834 109



LEGEND

- ⩾400ppm
- 200-399ppm
- 100-199ppm
- <100 ppm

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.

5 cm

CODED DISTRIBUTION HIGHEST Pb ABUNDANCE IN SOILS

Sheet 1

Date May '82

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

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

CODED DISTRIBUTION HIGHEST Pb ABUNDANCE IN SOILS

Sheet 1
Sheet 1.

Date May '82
Date June 82

SCALE 1:50 000
0 1 2 3 4 5 KILOMETRES

5 cm

5 cm

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

Scale 1:1000 000

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$_a$ 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
- RH 5 Drill Hole
- E.L. Boundary
- M.L. Boundary

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

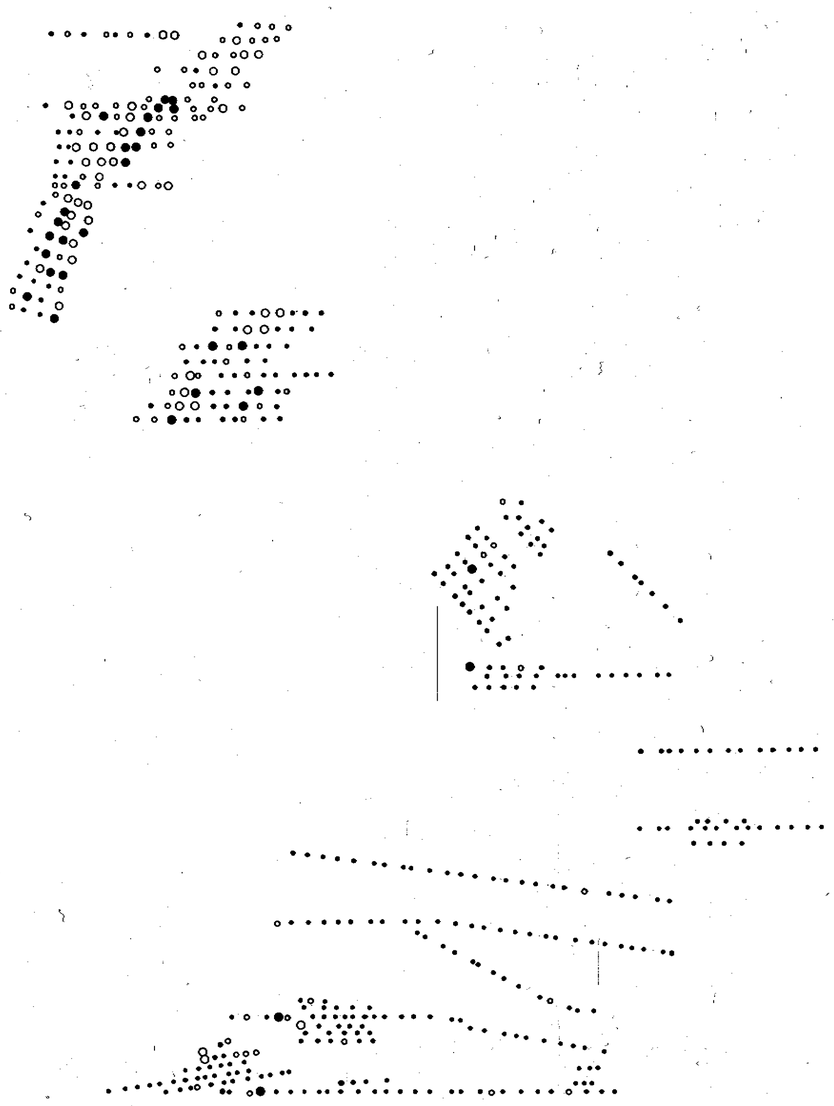
GRID DENOTES 1:5000 MAP SERIES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

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

7486

SHEET 36(1)

82-1804



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 1

Date May '82

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

370000 mE 75 80 85 90 95

5402000 mN 10 06 98 94 90 86 82 78

41° 30' 41° 35' 41° 40'

145° 30' 145° 35' 145° 40'

Mt Pearse △ Mt Ramsay △ Mt Charter △ Burns Peak △ Mt Romulus △ High Tor

WARATAH ROAD RAILWAY HIGHWAY RIVER

E.L.12/72 E.L.1/62 M.L.1065-M&91M/74

HATFIELD COLDSTREAM BULGOBAC MURCHISON HUSKISSON RAMSAY QUE TIEMAN MARIONOAK Lynch John Creek

QUE RIVER Mackintosh Dam L. MACKINTOSH TULLAH

Tb Basalt

Ewp Quartz-feldspar porphyry

Ews Predominantly sedimentary

Ewv Predominantly volcanic

Ec Main belt feldspar-phyric volcanics

Eca Quartz-phyric volcanics

Ecs Major sedimentary horizons

Et Tyndall Group (including Jukes Breccia, Comstock Tuff, Tyndall lavas)

Jd Dolerite

EOc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

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

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

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

CAMBRIAN
- E Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)
- Eg Granite (Murchison, Darwin Granites)
- Eu Ultramafic rock

PRECAMBRIAN
- PE Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

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

EASTERN SEQUENCE
- Ees Sticht Range sedimentary sequence

Selina Spicer Sequence
- Eev Volcanics
- Eec Volcaniclastic conglomerate
- Ee Undifferentiated
- Eej Jukes-Darwin sequence

CENTRAL SEQUENCE
- Ec Main belt feldspar-phyric volcanics
- Eca Quartz-phyric volcanics
- Eca1 Major andesitic units
- Ecs Major sedimentary horizons

WESTERN SEQUENCE
- Ewp Quartz-feldspar porphyry
- Ewv Predominantly volcanic
- Ews 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

LEGEND
- ● ≥400ppm
- ○ 200-399ppm
- ○ 100-199ppm
- ● <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 1:1000 000

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 Zn ABUNDANCE IN SOILS

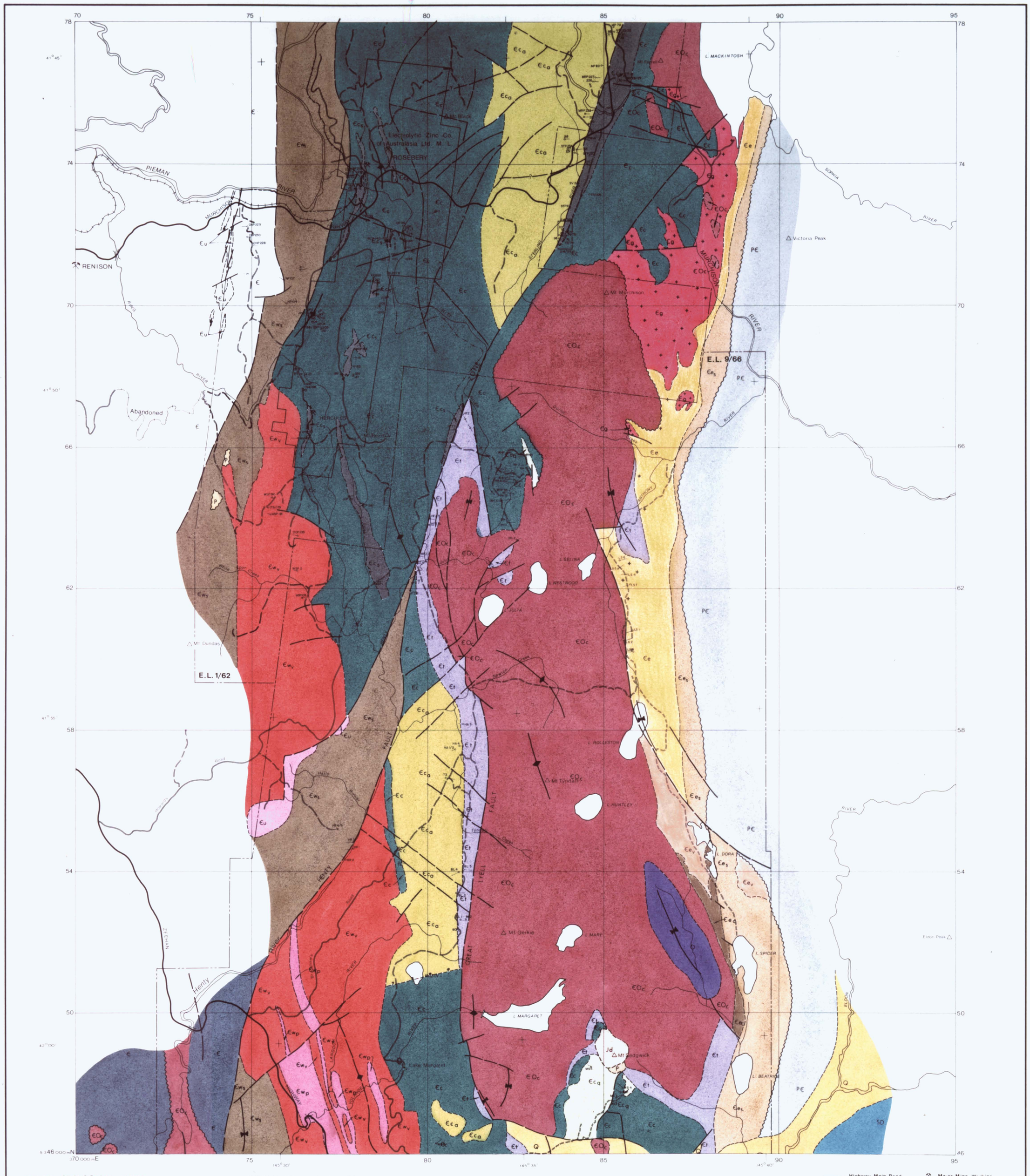
Sheet 1
Sheet 1.

Date May '82
Date June 82

SHEET 2

738

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
- €es Sticht Range sedimentary sequence

Selina Spicer Sequence
- €ev Volcanics
- €eq Volcaniclastic conglomerate
- €e Undifferentiated

- €ej Jukes - Darwin sequence

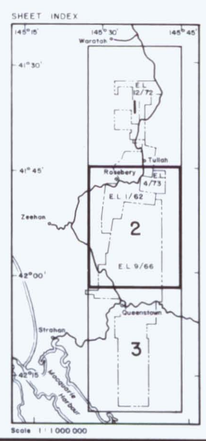
CENTRAL SEQUENCE
- €c Main belt feldspar-phyric volcanics
- €cq Quartz-phyric volcanics
- €ca Major andesitic units
- €cs Major sedimentary horizons

WESTERN SEQUENCE
- €wp Quartz-feldspar porphyry
- €wv Predominantly volcanic
- €ws 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
RH 5 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 - INTERPRETATION

Sheet 2

Date June 82

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

SHEET 1 (II)

82-1834

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

Electrolytic Zinc Co. of Australasia Ltd. M. L.

ROSEBERY

RENISON

Abandoned

HERCULES

△Mt Black

△Mt Read

△Mt Dundas

△Mt Farrell

△Mt Murchison

△Victoria Peak

△Mt Tyndall

△Mt Geikie

△Mt Sedgwick

Lake Margaret

Eldon Peak △

L. MACKINTOSH

L. ROLLESTON

L. HUNTLEY

L. DORA

L. SPICER

L. BEATRICE

L. MARGARET

BASIN L.

L. JULIA

L. WESTWOOD

L. SELINA

L. MARY

E.L. 9/66

E.L. 1/62

PIEMAN RIVER

MURCHISON HIGHWAY

RING RIVER

STITT

HENTY

JONES CK

DONALDS CK

WHITE SPUR CREEK

JULIA CREEK

NEWTON CREEK

QUINN CREEK

ANTHONY RIVER

STERLING RIVER

MURCHISON RIVER

SOPHIA RIVER

ELDON RIVER

LANGDON RIVER

YOLANDE RIVER

HENTY RIVER

ZEEHAN HIGHWAY

BRADSHAWS ROAD

HOWARDS ROAD

HALLS RIVULET

TYNDALL CREEK

Henty River

Zeehan

70 75 80 85 90 95

78 74 70 66 62 58 54 50 46

41°45' 41°50' 41°55' 42°00'

370 000 mE 5 346 000 mN

145°30' 145°35' 145°40'

Highway, Main Road
Vehicular Track
River, Creek
Railway
Major Mine Working
RH 5 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

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

Sheet 1 (II) of 1:50000 Dundas compilation Tasmania

SHEET R

738

710010

82-1834

7304

SHEET 1(11)

710008

82-1834

Electrolytic Zinc Co. of Australasia Ltd. M. L. ROSEBERY

E.L. 1/62

E.L. 9/66

Abandoned

RENISON

HERCULES

Mt Read

Mt Dundas

Mt Block

Mt Murchison

Victoria Peak

Mt Tyndall

Mt Geikie

Mt Sedgwick

Lake Margaret

L. MACKINTOSH

L. SELINA

L. WESTWOOD

L. JULIA

L. ROLLESTON

L. HUNTLEY

L. MARY

L. DORA

L. SPICER

L. BEATRICE

L. MARGARET

Eldon Peak

PIEMAN RIVER

MURCHISON RIVER

SOPHIA RIVER

ZEEHAN

HENTY RIVER

LYELL FAULT

GREAT LANGDON FAULT

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

EOc Owen Conglomerate (incl. Pioneer Beds, Newton Creek Sandstone)

CAMBRIAN

E Undifferentiated sedimentary rocks (incl. Dundas Group, Crimson Creek Formation)

Eg Granite (Murchison, Darwin Granites)

Eu Ultramafic rock

PRECAMBRIAN

PE Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

Et Tyndall Group (including Jukes Breccia Comstock Tuff, Tyndall lavas)

EASTERN SEQUENCE

Ees Sticht Range sedimentary sequence

Selina Spicer Sequence

Eev Volcanics

Eevc Volcaniclastic conglomerate

Ee Undifferentiated

Eej Jukes - Darwin sequence

CENTRAL SEQUENCE

Ec Main belt feldspar-phyric volcanics

Eca Quartz-phyric volcanics

Ecs Major andesitic units

Ecs Major sedimentary horizons

WESTERN SEQUENCE

Ewp Quartz-feldspar porphyry

Ewv Predominantly volcanic

Ews 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 1:50 000

KILOMETRES

GETTY - EZ - MT LYELL

COMPILATION PROJECT TASMANIA

GEOLOGY - INTERPRETATION

Sheet 2

Date June 82

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

Sheet 1 (II) of 1:50000 Dundas compilation Tasmania

SHEET 2(11)

82-1834 71012

E.L.17/77 Renison Ltd

E.L.22/74 Aberfoyle Expl.P.L.

Lake Rosebery

Reserve

State Highway

Murchison Dam

E.L. 4/73 Aberfoyle Expl. Pty Ltd

Area

Hercules Haulage

Dam

Comstaff Pty Ltd
E.L. 5/63

E.L. 2/78 Alcoa of Australia Ltd

Anthony Dam

Henty Dam

Conservation

Anthony Scheme

VACANT

White Spur Dam

Cut

E.L.1/62
E.Z. Co. of A'Asia Ltd

Newton Dam

Tyndall Dam

Canal

Southwest

Langdon Diversion

Dam

E.L.15/76 C.S.R Ltd

Amoco Minerals Aust. Co.
E.L. 4/78

E.L. 9/66 Mt Lyell Mining & Railway Co. Ltd.

King River Storage

E.L. 9/80 Amoco Minerals. Aust. Co.

5 cm

CULTURAL FEATURES

Sheet 2

Date June '82

Overlay 2 (II) of 1:50000 Dundas compilation, Tasmania

SHEET R

738

7/0010

82-1834

738

SHEET 2(11)

7/0012

82-1834

E.L.17/77 Renison Ltd

E.L.22/74 Aberfoyle Expl.Pty.Ltd.

E.L.4/73 Aberfoyle Expl. Pty Ltd.

E.L. 9/66

E.L. 2/78 Alcoa of Australia Ltd

VACANT

Comstaff Pty Ltd
E.L. 5/63

E.L.1/62
E.Z. Co. of A'Asia Ltd
E.L. 1/62

E.L.15/76 C.S.R Ltd

Amoco Minerals Aust.Co.
E.L. 4/78

E.L. 9/66 Mt Lyell Mining & Railway Co.Ltd.

E.L. 9/80 Amoco Minerals. Aust. Co.

Electrolytic Zinc Co of Australasia Ltd M.L. ROSEBERY

Lake Rosebery

L. MACKINTOSH

Victoria Peak

RENISON

Abandoned

Mt Dundas

Mt Murchison

Mt Tyndall

Mt Geikie

Mt Sedgwick

Anthony Dam

Henty Dam

Anthony Scheme

White Spur Dam

Newton Dam

Tyndall Dam

Langdon Diversion

Dam

L. PEDDER

L. ROSEBERY

L. HUNTLEY

L. MARY

L. MARGARET

L. DORA

L. SPICER

L. BEATRICE

Lake Margaret

Pieman River

Murchison River

Henty River

Zeehan Highway

Strahan Road

Queenstown Road

Sophia River

Mackintosh River

Franklin River

Gordon River

Lyell Highway

Great Lyell Fault

Southwest Canal

Conservation Cut

Zeehan

Henty

Eldon

Gordon Peak

King River Storage

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
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PRECAMBRIAN
- P€ Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

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

EASTERN SEQUENCE
- €es Sticht Range sedimentary sequence

Selina Spicer Sequence
- €ev Volcanics
- €ec Volcaniclastic conglomerate
- €e Undifferentiated

- €ej Jukes - Darwin sequence

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

WESTERN SEQUENCE
- €wp Quartz-feldspar porphyry
- €wv Predominantly volcanic
- €ws 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
RH 5 Drill Hole
E.L. Boundary
M.L. Boundary

SHEET INDEX

SCALE 1:50 000

KILOMETRES

5 cm

5 cm

GETTY -

COMPILATION PROJECT TASMANIA
CULTURAL FEATURES

GEOLOGY - INTERPRETATION

Sheet 2
Sheet 2

Date June '82
Date June 82

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

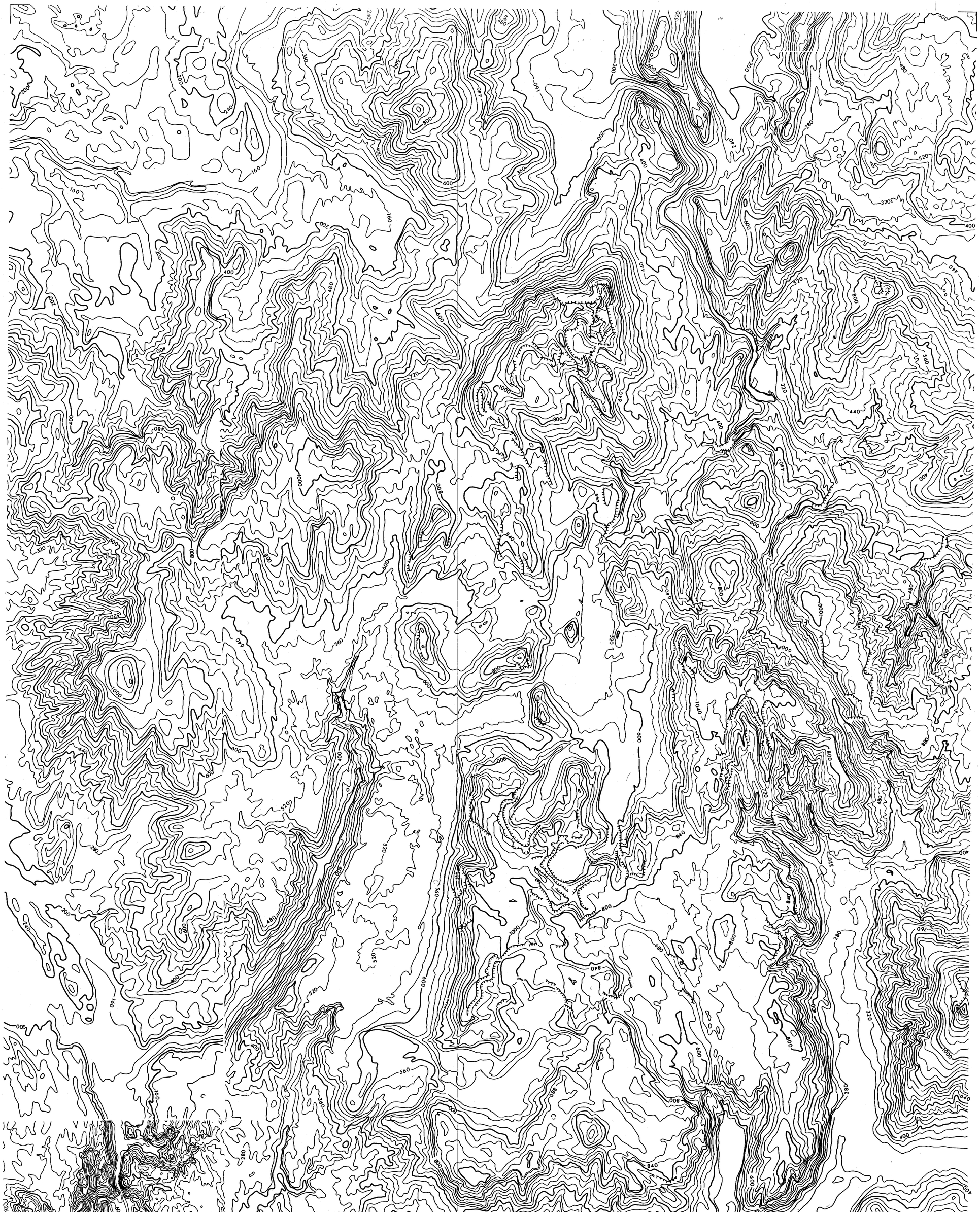
Overlay 2 (II) of 1:50000 Dundas compilation, Tasmania

7390

SHEET 3(11)

710016

82-1834



5 cm

TOPOGRAPHY

Sheet 2

Date May '82

Overlay 3 (II) of 1:50000 Dundas compilation, Tasmania

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

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

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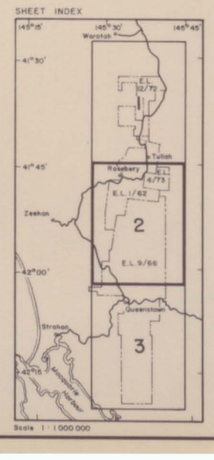
- approximate geological boundary
- Inferred geological boundary
- unconformity
- fault (approximate)
- fault inferred
- anticline
- syncline

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- RH 5 Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX



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COMPILATION PROJECT TASMANIA
TOPOGRAPHY

GEOLOGY - INTERPRETATION

Sheet 2
Sheet 2

Date May '82
Date June 82

Overlay 3 (II) of 1:50000 Dundas compilation, Tasmania

5 cm

GRID BASE MAP – LINE Nos.

Sheet 2

Date June '82

Overlay 4 (II) of 1:50000 Dundas compilation, Tasmania

SHEET 2

738

710010

82-1834

7393

SHEET 4(11)

710019

82-1834

PIEMAN RIVER

RENISON

Abandoned

Natone Extension Grid

Colebrook Hill Grid

Electrolytic Zinc Co Aust Australasia Ltd M L

ROSEBERY

Murchison River Grid

Rosebery Lodes Grid

Mt Murchison Grid

Tyndall Grid

Curtys Sark Grid

Basaltic Grid

Raspberry Mine Grid

Mt Sedgwick Grid

Lake Bolt Grid

Sterling Valley Grid

Farrell Grid

L MACKINTOSH

SOPHIA RIVER

Victoria Peak

Mt Murchison

E.L. 9/66

Dasiwitz Grid

Jones Creek Grid

Henty Fault Zone Grid

Red Hills Grid

Selina Grid

L SELINA

L WESTWOOD

L JULIA

White Spur Grid

Mt Dundas

E.L. 1/62

Newton Creek Grid

Howards Road

West Tyndall Grid

East Tyndall Grid

Henty River Grid

Basin Lake Grid

Mt Gerkie

L MARY

L HUNTLEY

L ROLLESTON

Rolleston Grid

Dora Grid

Spicer Grid

L SPICER

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L BEATRICE

Eldon Peak

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FACET

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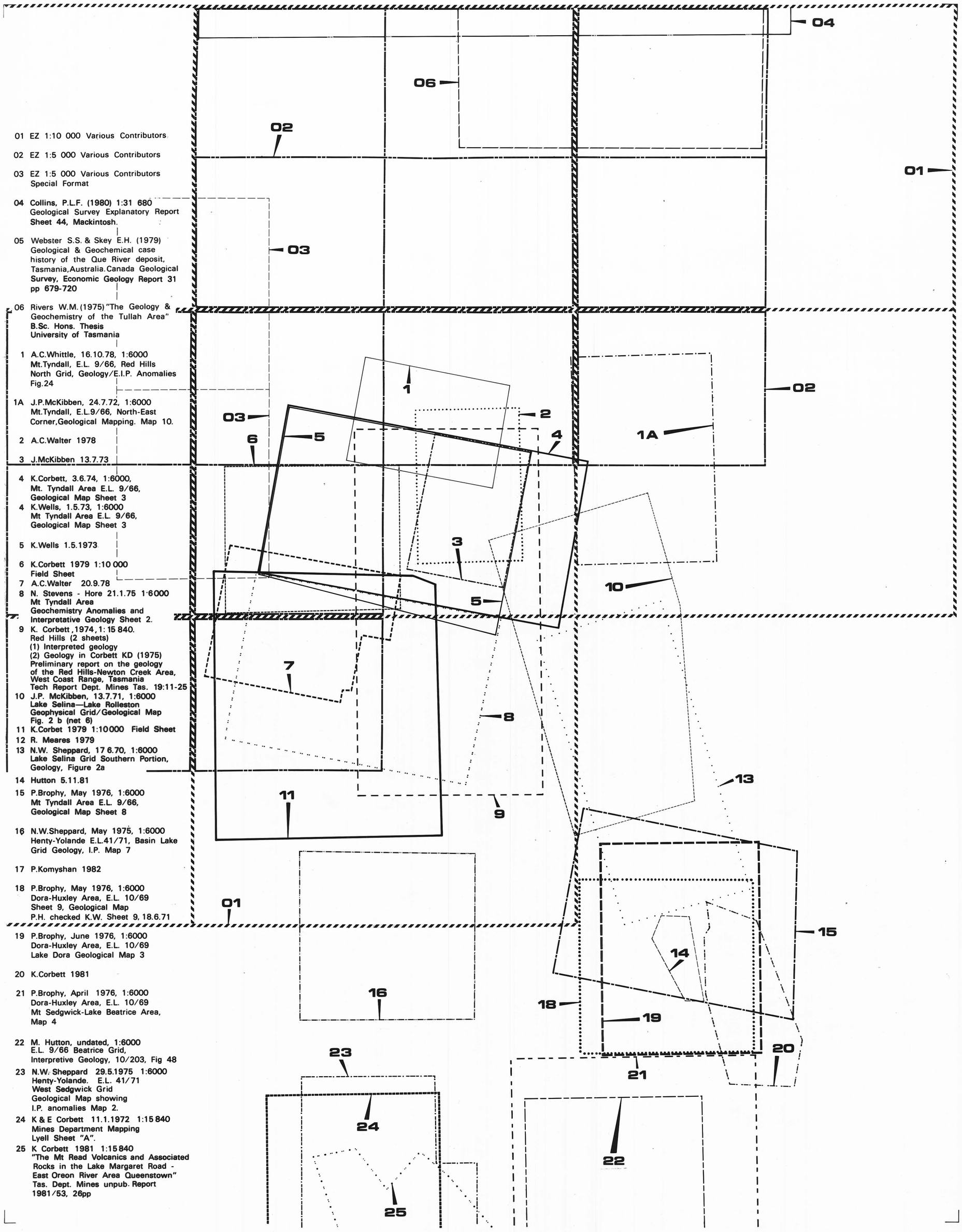

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04 **Collins, P.L.F. (1980) 1:31 680 Geological Survey Explanatory Report Sheet 44, Mackintosh.**

05 Webster S.S. & Skey E.H. (1979) Geological & Geochemical case history of the Que River deposit, Tasmania, Australia. Canada Geological Survey, Economic Geology Report 31 pp 679-720

06 Rivers W.M. (1975) "The Geology & Geochemistry of the Tullah Area" B.Sc. Hons. Thesis University of Tasmania

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1A J.P.McKibben, 24.7.72, 1:6000 Mt.Tyndall, E.L.9/66, North-East Corner, Geological Mapping. Map 10.

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

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

SHEET INDEX

SCALE 1:50 000

5 cm

5 cm

GETTY - E.Z - MT. LYELL
COMPILATION PROJECT TASMANIA
SOURCE GEOLOGICAL DATA

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Sheet 2 Date June '82

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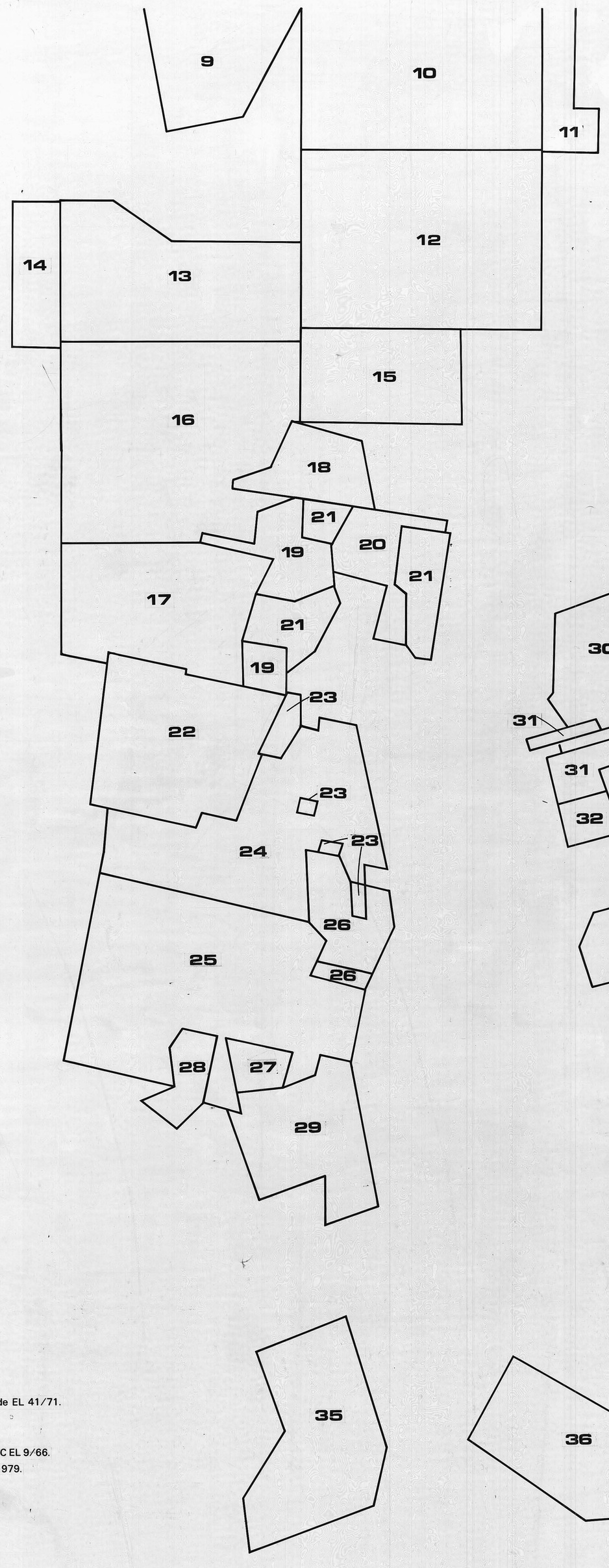
Overlay 5 (II) of 1:50000 Dundas compilation, Tasmania



9 EZ. Co. A0-504-0048,49 Project Mt Black. EL 1/62 Sheet 7A. MB 1979. (Probably several cycles of sampling).

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12. EZ. Co. A0-504-0035,40 Project Mt Black. EL 1/62 Sheet 7C. PMI 1968, Cominco 1976, EZ. 1979, PK, RPT 1980.

13. EZ. Co. A0-504-0050,51 Project Mt Black. EL 1/62 Sheet 7D. MB 1979, rev. 1980. (Probably 2 cycles of sampling).

14 EZ. Co. A0-504-0113,114 Project Mt.Black. EL 1/62 Sheet 28C. RPT 1980.

15 EZ. Co. A0-504-0036, 0037, 0046 Project Mt Black EL 1/62. Sheet 9B RPT 1980

16 EZ. Co. A0-504-0060,86 Project Mt Black. EL 1/62 Sheet 9A. JM 1979, rev. 1980. (At least two cycles of sampling).

17. EZ. Co. A0-504-0115,116 Project Mt Black. EL 1/62. Sheet 9D. 1972/73 & 1980 data. RPT rev. 1980. (Two cycles of sampling, 1972/73 & 1980)

18. Mt.Lyell 4/303 The Consolidated Syndicate, EL 9/66. Mt.Tyndall, Sheet 4. ACW, 1978.

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20. Mt Lyell 3/322 The Consolidated Syndicate, XRF Renison 1970. Mt Tyndall Area EL 9/66. Sheet 3 R.G.Wilson 1977.

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5 cm

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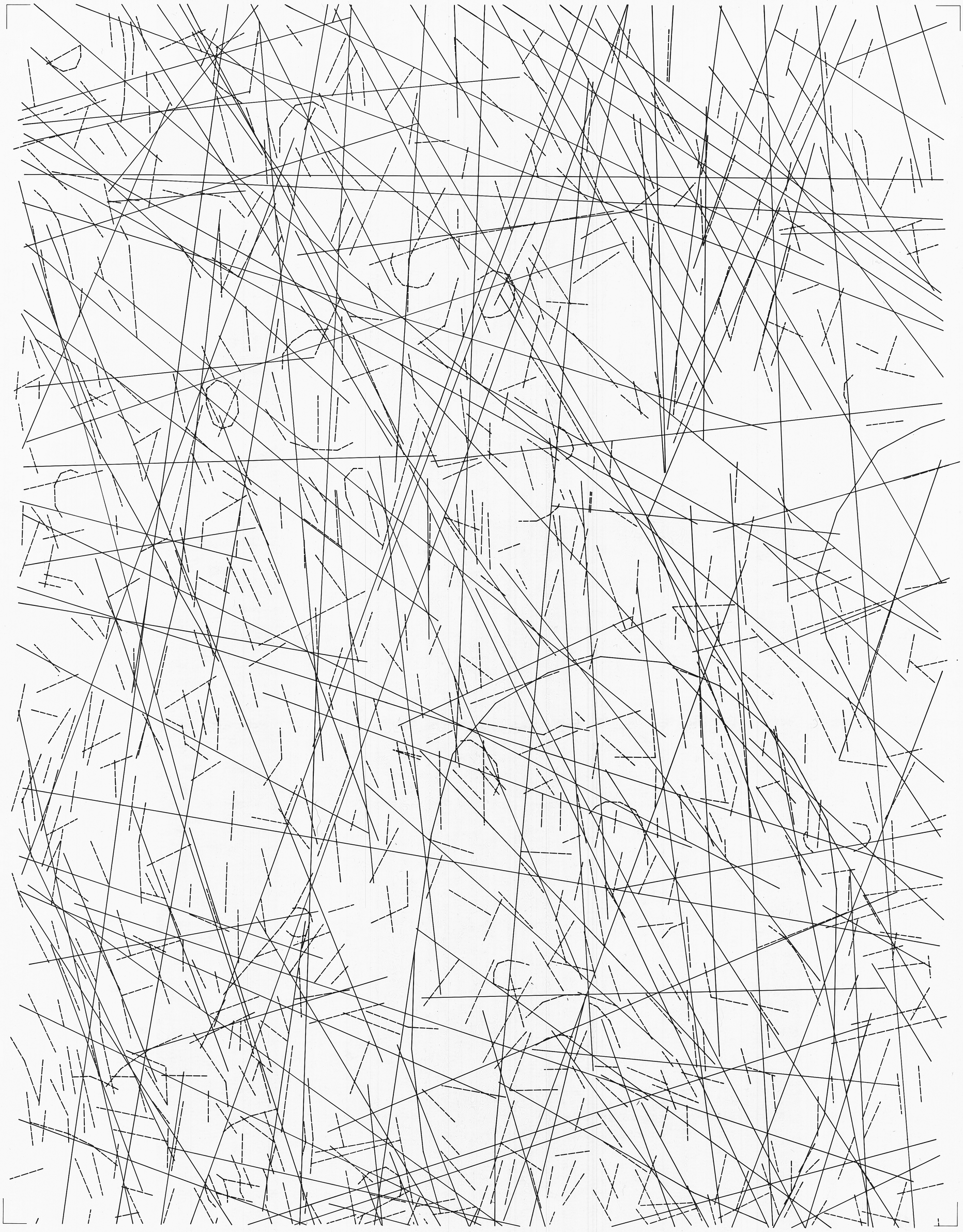

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Minor Lineament

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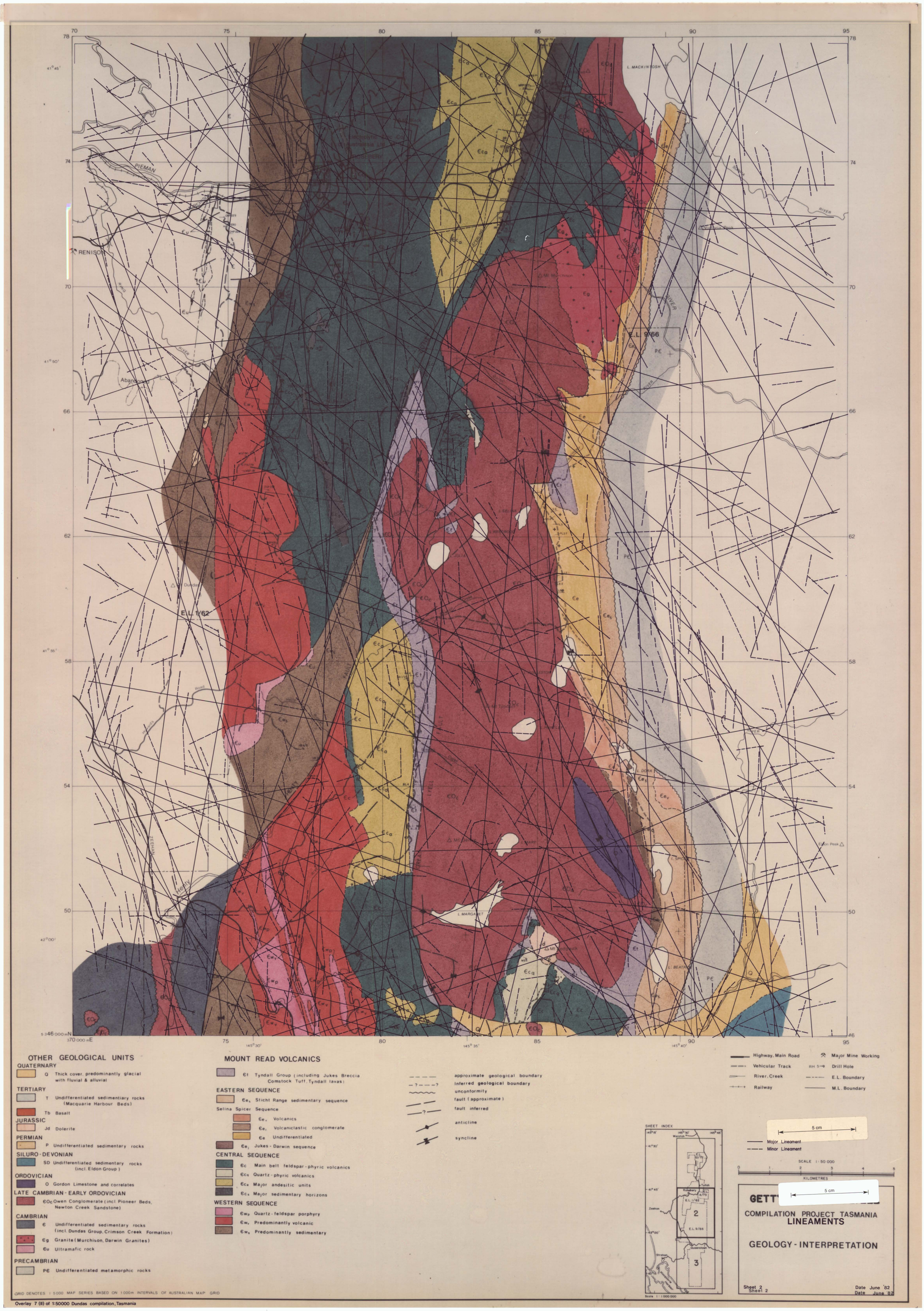

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- PE Undifferentiated metamorphic rocks

MOUNT READ VOLCANICS

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

EASTERN SEQUENCE
- €es Sticht Range sedimentary sequence

Selina Spicer Sequence
- €ev Volcanics
- €ec Volcaniclastic conglomerate
- €e Undifferentiated

- €ej Jukes - Darwin sequence

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

WESTERN SEQUENCE
- €wp Quartz-feldspar porphyry
- €wv Predominantly volcanic
- €ws 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
RH 5 Drill Hole
E.L. Boundary
M.L. Boundary

Major Lineament
Minor Lineament

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

Overlay 7 (II) of 1:50000 Dundas compilation, Tasmania

7405

SHEET 8(II)

82-1834

710031

DEPOSIT REFERENCE

(see reference cards for detailed information)

NO.	MINE (X = deposit un-named)	COMMODITIES (minor commodities listed in brackets)
030	Section 1841	Pb, Zn
050	Mace's No 2 Lode	Pb, Ag
053	Hawkesbury Mine	Cu
061	Dutton's Workings	Pb, Zn, Cu
062	North Murchison	Pb, Ag (Zn, Cu)
063	Central Farrell	Pb, Ag, Zn, Cu
065	New Spray	Pb, Ag (Zn, Cu, As)
066	Salmon's Lodes	Pb, Zn, Cu
070	Rosebery Mine	Zn, Pb, Cu, Ag, Au, Cd, Ba, Mn, As
071	Block P.A.	Pb, Cu, Ag, Zn, Sn
072	Mt. Black Pty.	Cu, Au, Ag, (Pb, Zn, Bi, W, Sn, As)
073	Great South Rosebery	Cu, (W, Au)
074	Fafferds Claim (Turley)	Cu (As, Pb, Sn)
076	Murchison River	Pb, Zn, Ag (Cu, As)
078	South Murchison	Pb, Zn
079	Collen's Section	Pb, Zn
080	Thomas' Section	Cu
081	Green & Kings Workings	Pb, Ag
082	Thomas' Blocks	Pb, Ag (Zn, Cu)
083	Finn's Prospect	(Cu, Pb, As, Sn, W, Ag)
084	Donoghue's Sections	Cu, Pb (Zn, Ag, Au)
085	Tullah Silver & Lead	Pb, Zn, Ag
086	Mace's Mine	Pb, Zn, Ag
087	Osborne Copper	Cu (Pb, As, Ag, Bi)
088	Foy's Lode	Pb, Zn, Cu, Ag
089	Fenton's Section	Sn (As, Cu, Cr)
090	Section 5084	Sn
091	Exe Gorge & Falls	Sn (Cu, As)
092	Exe River Pty	Sn, Pb, Zn, As, Cu
094	Ronison	Sn(Ag,Cu,Au,W,Pb,Zn)
100	Penzance	Sn
101	Olympic	Sn, As
102	Clifton Mine	Cu (Au)
103	Athenic	Sn (As, Au)
104	Section 5274	Sn
105	Lyntos Mine	Pb (Ni)
106	King Curtin Mine	Ni
107	Great North Colebrook	Cu
108	Colebrook Mine	Cu(Zn,Pb,Ag,As)
109	Glenfiee Mine	py
110	South Glenfiee Mine	py
111	S.W. Whites Section	Zn, Pb, Ag
113	Jupiter Mine	Zn,Pb,Cu,Ag,Au
114	Salisbury Mine	Pb,Zn,Cu,Ag,Au (Sb)
115	Chamberlain Mine	Cu(Ag,Pb,Zn,Au)
116	Rosebery Lodes	Ag,Pb,Zn,Au (Cu,Sb)
117	Dalmeny Mine	Zn,Pb,Ag,Au
118	Berry Consols	Cu,Ag,Au
120	Koonya Mine	Zn,Pb,Ag (Cu,Au)
122	A. Midcaes Mine	Cu, Ag, Au (Pb,Zn)
124	Sterling Valley	Pb Zn Ag Cu As
125	Woolvan's Sections	Cu,Pb
127	Kittson's Sections	Ag (Cu,Zn,Bi)
128	Symmons & Rice's Section	Pb,Cu (Ba)
130	Kopi	Ag,Pb,Cu (Ni, Au)
131	Melba Flat Alluvial	Sn
132	Fraser Mine	As,Cu, Sn (Ag)
133	Green's Prospect	Cu(Sn,Pb)
134	Curtin-Davis Mine	Ag,Pb,Cu (As,Zn,Sb,Bi)
135	Curtin-Davis Extd	Pb,Ag,Cu(Zn,Bi)
136	Montezuma Mine	Cu
137	Block 302	Pb,Ag (Zn,Cu,Sb,As)
138	Block 291	Ag,Pb,Cu (Sb,As)
139	Central Curtin-Davis	Cu,Ag
140	S.W. Curtin-Davis	Cu,Ag (Bi)
141	No.1 Curtin-Davis	Cu,Ag (Pb,Zn,As,Sb,Bi)
142	South Curtin-Davis	Ag,Pb,Cu(Zn)
143	Hecla Mine	Ag,Cu,Bi (As,Pb,Zn,Ni,Sb)
144	Great Northern Creek (Carbine)	Pb,Zn,Ag,Cu (As,Sb,Bi)
145	Evandon Prospect	Pb,Zn
146	Curtin-Davis Consols	Zn, Ag, As
147	Ramesdale Prospect	Cu,Pb,Zn,Sb,Ag
148	Walleces Prospect	Pb,Cu,Ag,Zn (As,Sb,Sn)
149	Bonnie Dundee	Pb,Ag,Cu
150	Fahfore Mine	Ag,Cu (Pb,Zn,As,Bi,Sb)
151	Ring Valley Mine	Ag,Cu (Pb,Zn,Sb,Bi)
152	Section 5275	Sn
153	Ring P.A.	Cu,Ag,Pb,Zn (Bo,Mn)
156	Svengali Prospect	Cu
157	New Palace Mine	Ag (Cu)
158	Hamilton Mine	Pb (Sb)
159	Hercules Mine	Zn,Pb,Cu,Ag, Au (Mg,As,Bi)
164	Henty Fault Zone	Cu
165	Red Hills Road	Cu
166	Red Hills Cu	Cu (Pb,Zn,Ag,Au)
167	Red Hills Pb-Zn	Zn,Pb,Ag (Cu,Au)
169	Great North Creek	Sn
171	West Comet	Ag,Pb
172	Ahern Prospect	Sn
173	Comet-Moestries Mine	Ag,Pb (Zn)
175	Platt Prospect	Pb,Zn
178	Banner Cross	Ag,Pb,Zn (Sb)
179	Kosminsky Mine	Ag Pb Zn (Cu)
180	Great South Comet	Ag,Pb,Zn
181	Ainslie	Ag,Pb,Zn
182	Moore's Pimple Mine	Pb,Zn,Cu,Ag (Ni)
183	Harris Reward	Pb
184	Henty Fault Zone	Cu,Pb,(Zn)
185	Selina Pyrite	(Ag,Cu,Mo)
186	Hodges Mystery	Cu
187	Howards Anom.(Line 30 Pit)	Zn,Pb,Ag (Cu)
188	Tyndall Mine	Pb,Zn,Cu,Ag (As)
189	Howard's Anomaly	Ag,Ba (Pb,Zn)
192	Henty River Adits	Pb,Zn,Ag
193	Henty Gorge Adit	Au ?
195	Lake Dora Mines	Cu (Ag,Pb,Zn,As,Co)
197	X	Au
200	Lake Margaret Rd. Alluvial	Au
204	Beatrice	Pb,Zn
322	Adelaide Mine	Pb,Ag (Zn,Cu)
330	East Hercules	Py
332	Grand Centre Adit	Cu (Pb)

FORM OF OCCURRENCE

- Vein
- Vein, with strike
- Stockwork or multiple veins
- Stratiform syngenetic (indicating strike)
- ? Strike direction not known
- Stratabound replacement (indicating strike)
- Disseminated
- Disseminated, with strike
- Indeterminate or unknown
- Indeterminate or unknown, with strike
- Alluvial / Residual
- \+ Form of occurrence unknown & no significant mineralisation

SIZE OF OCCURRENCE

- > 1,000,000 Tonnes
- 1,000 – 1,000,000 Tonnes
- < 1,000 Tonnes

5 cm

METALLOGENIC MAP

Sheet 2

Date June '82

Overlay 8 (II) of 1:50000 Dundas compilation, Tasmania

SHEET 2
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710010
82-1834

7495
SHEET 8(11)

710031
82-1834

GETTY - E·Z - MT. LYELL

COMPILATION PROJECT TASMANIA
METALLOGENIC MAP

GEOLOGY - INTERPRETATION

Sheet 2 Date June '82

Overlay 8 (II) of 1:50000 Dundas compilation, Tasmania

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

SCALE 1:50 000

0 1 2 3 4 5 KILOMETRES

5 cm

SHEET INDEX

Scale 1:1 000 000

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

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- €c Main belt feldspar-phyric volcanics
- €ca Quartz-phyric volcanics
- €cx 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

Highway, Main Road
Vehicular Track
River, Creek
Railway
Major Mine Working
RH 5 Drill Hole
E.L. Boundary
M.L. Boundary

DEPOSIT REFERENCE
(see reference cards for detailed information)

NO.	MINE (X = deposit not shown)	COMMODITIES (minor commodities listed in brackets)
030	Sectio[n]	Pb, Zn
050	Mace's [Lode]	Pb, Ag
053	Hawke[s]	Cu
061	Dutto[n] [Workings]	Pb, Zn, Cu
062	North [Mine]	Pb, Ag (Zn, Cu)
063	Centre[Mine]	Pb, Ag, Zn, Cu
065	New S[ection]	Pb, Ag (Zn, Cu, As)
066	Salmo[n Lode]	Pb, Zn, Cu
070	Roseb[ery Mine]	Zn, Pb, Cu, Ag, Au, Cd, Ba, Mn, As
071	Black [Prince]	Pb, Cu, Ag, Zn, Sn
072	Mt. Bl[yth]	Cu, Au, Ag, (Pb, Zn, Bi, W, Sn, As)
073	Great [North] [Rosebery]	Cu, (W, Au)
074	Fulfor[d] [Mine (Murley)]	Cu (As, Pb, Sn)
076	Murch[ison River]	Pb, Zn, Ag (Cu, As)
078	South [Mt Black]	Pb, Zn
079	Collin[s] [Section]	Pb, Zn
080	Thom[as] [Section]	Cu
081	Green[Range] [Workings]	Pb, Ag
082	Thom[as] [Section]	Pb, Ag (Zn, Cu)
083	Finn's [Prospect]	(Cu, Pb, As, Sn, W, Ag)
084	Donog[hue] [Workings]	Cu, Pb (Zn, Ag, Au)
085	Tullat[ah] [Silver Lead]	Pb, Zn, Ag
086	Mace's [Mine]	Pb, Zn, Ag
087	Osbor[ne] [Prospect]	Cu (Pb, As, Ag, Bi)
088	Foy's [Mine]	Pb, Zn, Cu, Ag
089	Fenton [Section]	Sn (As, Cu, Cr)
090	Sectio[n] [Cross Cut]	Sn
091	Exe [Group & Adits]	Sn (Cu, As)
092	Exe [River Prospect]	Sn, Pb, Zn, As, Cu
094	Renise[e]	Sn (Ag, Cu, Au, W, Pb, Zn)
100	Penza[nce]	Sn
101	Olymp[us]	Sn, As
102	Clifto[n Mine]	Cu (Au)
103	Athen[s]	Sn (As, Au)
104	Sectio[n] [Cross Cut]	Sn
105	Lynton [Mine]	Pb (Ni)
106	King [Creek]	Ni
107	Great [Lyell] [Workings] [Hook]	Cu
108	Colebr[ook] [Mine]	Cu (Zn, Pb, Ag, As)
109	Glenfi[eld] [Mine]	py
110	South [Mine] [Workings]	py
111	S.W. W[orkings] [Section]	Zn, Pb, Ag
113	Jupite[r] [Mine]	Zn, Pb, Cu, Ag, Au
114	Salisb[ury] [Mine]	Pb, Zn, Cu, Ag, Au (Sb)
115	Cham[pion] [Mine]	Cu (Ag, Pb, Zn, Au)
116	Roseb[ery] [Mine]	Ag, Pb, Zn, Au (Cu, Sb)
117	Dalme[ny] [Mine]	Zn, Pb, Ag, Au
118	Berry [Mine]	Cu, Ag, Au
120	Koony[a] [Mine]	Zn, Pb, Ag (Cu, Au)
122	A. Mid[dleton] [Mine]	Cu, Ag, Au (Pb, Zn)
124	Sterli[ng] [Mine]	Pb Zn Ag Cu As
125	Woolv[erine] [Section]	Cu, Pb
127	Kittso[n] [Prospect]	Ag (Cu, Zn, Bi)
128	Symm[ons] [Creek] [Section]	Pb, Cu (Ba)
130	Kapi	Ag, Pb, Cu (Ni, Au)
131	Melbo[urne] [Mine]	Sn
132	Frase[r] [Mine]	As, Cu, Sn (Ag)
133	Green[Mine]	Cu (Sn, Pb)
134	Curtin [Mine]	Ag, Pb, Cu (As, Zn, Sb, Bi)
135	Curtin [Mine]	Pb, Ag, Cu (Zn, Bi)
136	Monte[zuma Mine]	Cu
137	Block [Mine]	Pb, Ag (Zn, Cu, Sb, As)
138	Block [Mine]	Ag, Pb, Cu (Sb, As)
139	Centre[Mine] [Davis]	Cu, Ag
140	S.W. G[ossan]	Cu, Ag (Bi)
141	No. 1 G[ossan]	Cu, Ag (Pb, Zn, As, Sb, Bi)
142	South [Mine]	Ag, Pb, Cu (Zn)
143	Hecla [Mine]	Ag, Cu, Bi (As, Pb, Zn, Ni Sb)
144	Great [Mine] [Creek] (Carbine)	Pb, Zn, Ag, Cu (As, Sb, Bi)
145	Evend[en] [Mine]	Pb, Zn
146	Curtin [Mine] [Workings]	Zn, Ag, As
147	Rames[ay] [Prospect]	Cu, Pb, Zn, Sb, Ag
148	Wallac[e] [Prospect]	Pb, Cu, Ag, Zn (As, Sb, Sn)
149	Bonnie[Mine]	Pb, Ag, Cu
150	Fahlor[e] [Mine]	Ag, Cu (Pb, Zn, As, Bi, Sb)
151	Ring [Mine]	Ag, Cu (Pb, Zn, Sb, Bi)
152	Sectio[n] [Cross Cut]	Sn
153	Ring [Mine]	Cu, Ag, Pb, Zn (Ba, Mn)
156	Sveng[ali] [Mine]	Cu
157	New F[ound] [Mine]	Ag (Cu)
158	Hamil[ton] [Mine]	Pb (Sb)
159	Hercu[les] [Mine]	Zn, Pb, Cu, Ag, Au (Mg, As, Bi)
164	Henty [River Zone]	Cu
165	Red H[ill] [Mine]	Cu
166	Red H[ill] [Mine]	Cu (Pb, Zn, Ag, Au)
167	Red H[ill] [Mine]	Zn, Pb, Ag (Cu, Au)
169	Great [Mine] [Creek]	Sn
171	West [Mine]	Ag, Pb
172	Ahern [Prospect]	Sn
173	Comet[Mine] [Workings] [Mine]	Ag, Pb (Zn)
175	Platt [Mine]	Pb, Zn
178	Banne[r] [Mine]	Ag, Pb, Zn (Sb)
179	Kosmi[c] [Mine]	Ag Pb Zn (Cu)
180	Great [Mine]	Ag, Pb, Zn
181	Ainslie[Mine]	Ag, Pb, Zn
182	Moore[Mine] [Workings] [Mine]	Pb, Zn, Cu, Ag (Ni)
183	Harris [Mine]	Pb
184	Henty [River Zone]	Cu, Pb, (Zn)
185	Selina [Mine]	(Ag, Cu, Mo)
186	Hodge[s] [Mine]	Cu
187	Howar[d] [Mine] [Mine] [Mine] (Mine 30 Pit)	Zn, Pb, Ag (Cu)
188	Tynda[ll] [Mine]	Pb, Zn, Cu, Ag (As)
189	Howar[d] [Mine]	Ag, Ba (Pb, Zn)
192	Henty [River Zone]	Pb, Zn, Ag
193	Henty [River Zone]	Au ?
195	Lake [Mine] [Workings]	Cu (Ag, Pb, Zn, As, Co)
197	X	Au
200	Lake [Mine] [Workings] [Alluvial]	Au
204	Beatri[ce] [Mine]	Pb, Zn
322	Adelai[de] [Mine]	Pb, Ag (Zn, Cu)
330	East H[ill] [Mine]	Py
332	Grand [Junction] [Adit]	Cu (Pb)

FORM OF OCCURRENCE

- Vein
- Vein, with strike
- Stockwork or multiple veins
- Stratiform syngenetic (indicating strike)
- ? Strike direction not known
- Stratabound replacement (indicating strike)
- Disseminated
- Disseminated, with strike
- Indeterminate or unknown
- Indeterminate or unknown, with strike
- Alluvial Deposit
- + Form of occurrence unknown & no significant mineralisation

SIZE OF OCCURRENCE

- > 1,000,000 Tonnes
- 1,000 - 1,000,000 Tonnes
- < 1,000 Tonnes

5 cm

7408

SHEET 9(11)

82-1834

34

DEPOSIT REFERENCE

(see reference cards for detailed information)

NO.	MINE (X = deposit un-named)	COMMODITIES (minor commodities listed in brackets)
030	Section 1841	Pb, Zn
050	Mace's No. 2 Lode	Pb, Ag
053	Hawkesbury Mine	Cu
061	Dutton's Workings	Pb, Zn, Cu
062	North Murchison	Pb, Ag (Zn, Cu)
063	Central Farrell	Pb, Ag, Zn, Cu
065	New Spray	Pb, Ag (Zn, Cu, As)
066	Salmon's Lodes	Pb, Zn, Cu
070	Rosebery Mine	Zn, Pb, Cu, Ag, Au, Cd, Ba, Mn, As
071	Block PA	Pb, Cu, Ag, Zn, Sn
072	Mt. Black Pty	Cu, Au, Ag, (Pb, Zn, Bi, W, Sn, As)
073	Great South Rosebery	Cu, (W, Au)
074	Fulfords Claim (Turley)	Cu (As, Pb, Sn)
076	Murchison River	Pb, Zn, Ag (Cu, As)
078	South Murchison	Pb, Zn
079	Collins Section	Pb, Zn
080	Thomas' Section	Cu
081	Green & Kings Workings	Pb, Ag
082	Thomas' Blocks	Pb, Ag (Zn, Cu)
083	Finn's Prospect	(Cu, Pb, As, Sn, W, Ag)
084	Donoghue's Sections	Cu, Pb (Zn, Ag, Au)
085	Tulloh Silver & Lead	Pb, Zn, Ag
086	Mace's Mine	Pb, Zn, Ag
087	Osborne Copper	Cu (Pb, As, Ag, Bi)
088	Foy's Lode	Pb, Zn, Cu, Ag
089	Fenton's Section	Sn (As, Cu, Cr)
090	Section 5084	Sn
091	Exe Gorge & Falls	Sn (Cu, As)
092	Exe River Pty	Sn, Pb, Zn, As, Cu
094	Renison	Sn (Ag, Cu, Au, W, Pb, Zn)
100	Penecence	Sn
101	Olympic	Sn, As
102	Clifton Mine	Cu (Au)
103	Athenic	Sn (As, Au)
104	Section 5274	Sn
105	Lynton Mine	Pb (Ni)
106	King Curtin Mine	Ni
107	Great North Colebrook	Cu
108	Colebrook Mine	Cu (Zn, Pb, Ag, As)
109	Glenfine Mine	py
110	South Glenfine Mine	py
111	SW Whites Section	Zn, Pb, Ag
113	Jupiter Mine	Zn, Pb, Cu, Ag, Au
114	Salisbury Mine	Pb, Zn, Cu, Ag, Au (Sb)
115	Chamberlain Mine	Cu (Ag, Pb, Zn, Au)
116	Rosebery Lodes	Ag, Pb, Zn, Au (Cu, Sb)
117	Dolmeny Mine	Zn, Pb, Ag, Au
118	Berry Consols	Cu, Ag, Au
120	Koonya Mine	Zn, Pb, Ag (Cu, Au)
122	A. Midsons Mine	Cu, Ag, Au (Pb, Zn)
124	Sterling Valley	Pb Zn Ag Cu As
125	Woolvens Sections	Cu, Pb
127	Kittsons Sections	Ag (Cu, Zn, Bi)
128	Symmons & Rices Section	Pb, Cu (Bo)
130	Kopi	Ag, Pb, Cu (Ni, Au)
131	Melba Flat Alluvial	Sn
132	Fraser Mine	As, Cu, Sn (Ag)
133	Green's Prospect	Cu (Sn, Pb)
134	Curtin-Davis Mine	Ag, Pb, Cu (As, Zn, Sb, Bi)
135	Curtin-Davis Extd	Pb, Ag, Cu (Zn, Bi)
136	Montezuma Mine	Cu
137	Block 302	Pb, Ag (Zn, Cu, Sb, As)
138	Block 291	Ag, Pb, Cu (Sb, As)
139	Central Curtin-Davis	Cu, Ag
140	SW Curtin-Davis	Cu, Ag (Bi)
141	No. 1 Curtin-Davis	Cu, Ag (Pb, Zn, As, Sb, Bi)
142	South Curtin-Davis	Ag, Pb, Cu (Zn)
143	Hecla Mine	Ag, Cu, Bi (As, Pb, Zn, Ni, Sb)
144	Great Northern Creek (Carbine)	Pb, Zn, Ag, Cu (As, Sb, Bi)
145	Evendon Prospect	Pb, Zn
146	Curtin-Davis Consols	Zn, Ag, As
147	Romesdale Prospect	Cu, Pb, Zn, Sb, Ag
148	Wallaces Prospect	Pb, Cu, Ag, Zn (As, Sb, Sn)
149	Bonnie Dundee	Pb, Ag, Cu
150	Fahiere Mine	Ag, Cu (Pb, Zn, As, Bi, Sb)
151	Ring Valley Mine	Ag, Cu (Pb, Zn, Sb, Bi)
152	Section 5275	Sn
153	Ring P.A.	Cu, Ag, Pb, Zn (Bo, Mn)
156	Svengali Prospect	Cu
157	New Palace Mine	Ag (Cu)
158	Hamilton Mine	Pb (Sb)
159	Hercules Mine	Zn, Pb, Cu, Ag, Au (Mg, As, Bi)
164	Henty Fault Zone	Cu
165	Red Hills Road	Cu
166	Red Hills Cu	Cu (Pb, Zn, Ag, Au)
167	Red Hills Pb-Zn	Zn, Pb, Ag (Cu, Au)
169	Great North Creek	Sn
171	West Comet	Ag, Pb
172	Ahern Prospect	Sn
173	Comet-Maestries Mine	Ag, Pb (Zn)
175	Platt Prospect	Pb, Zn
178	Bonner Cross	Ag, Pb, Zn (Sb)
179	Kosminsky Mine	Ag Pb Zn (Cu)
180	Great South Comet	Ag, Pb, Zn
181	Amelie	Ag, Pb, Zn
182	Moores Pimple Mine	Pb, Zn, Cu, Ag (Ni)
183	Harris Reward	Pb
184	Henty Fault Zone	Cu, Pb, (Zn)
185	Selina Pyrite	(Ag, Cu, Mo)
186	Hodges Mystery	Cu
187	Howards Anom (Line 30 Pit)	Zn, Pb, Ag (Cu)
188	Tyndall Mine	Pb, Zn, Cu, Ag (As)
189	Howards Anomaly	Ag, Ba (Pb, Zn)
192	Henty River Adits	Pb, Zn, Ag
193	Henty Gorge Adit	Au ?
195	Lake Dora Mines	Cu (Ag, Pb, Zn, As, Co)
197	X	Au
200	Lake Margaret Rd. Alluvial	Au
204	Beatrice	Pb, Zn
322	Adelaide Mine	Pb, Ag (Zn, Cu)
330	East Hercules	Py
332	Grand Centre Adit	Cu (Pb)

LEGEND:

- ⊙ Position accurate
- △ Position approximate

5 cm

MINERAL OCCURRENCES

Sheet 2

Date June '82

Overlay 9 (II) of 1:50000 Dundas compilation, Tasmania

SHEET 2

710010

82-1834

7408

SHEET 9(11)

82-1834

34

NO.	MINE	COMMODITIES (minor commodities listed in brackets)
030	Section	Pb, Zn
050	Macs	Pb, Ag
053	Hawke	Cu
061	Dutton	Pb, Zn, Cu
062	North	Pb, Ag (Zn, Cu)
063	Centra	Pb, Ag, Zn, Cu
065	New S	Pb, Ag (Zn, Cu, As)
066	Salmo	Pb, Zn, Cu
070	Rosebe	Zn, Pb, Cu, Ag, Au, Cd, Ba, Mn, As
071	Black	Pb, Cu, Ag, Zn, Sn
072	Mt Bla	Cu, Au, Ag, (Pb, Zn, Bi, W, Sn, As)
073	Great	Cu, (W, Au)
074	Fulfor	Cu (As, Pb, Sn)
076	Murch	Pb, Zn, Ag (Cu, As)
078	South	Pb, Zn
079	Collins	Pb, Zn
080	Thoma	Cu
081	Green	Pb, Ag
082	Thoma	Pb, Ag (Zn, Cu)
083	Finn's	(Cu, Pb, As, Sn, W, Ag)
084	Donog	Cu, Pb (Zn, Ag, Au)
085	Tullah	Pb, Zn, Ag
086	Mace's	Pb, Zn, Ag
087	Osborn	Cu (Pb, As, Ag, Bi)
088	Foy's	Pb, Zn, Cu, Ag
089	Fenton	Sn (As, Cu, Cr)
090	Sectio	Sn
091	Exe	Sn (Cu, As)
092	Exe	Sn, Pb, Zn, As, Cu
094	Renisa	Sn (Ag, Cu, Au, W, Pb, Zn)
100	Penzan	Sn
101	Olymp	Sn, As
102	Clifton	Cu (Au)
103	Athen	Sn (As, Au)
104	Sectio	Sn
105	Lynton	Pb (Ni)
106	King	Ni
107	Great	Cu
108	Colebr	Cu (Zn, Pb, Ag, As)
109	Glenfin	Py
110	South	Py
111	S.W. W	Zn, Pb, Ag
113	Jupite	Zn, Pb, Cu, Ag, Au
114	Salisb	Pb, Zn, Cu, Ag, Au (Sb)
115	Chamb	Cu (Ag, Pb, Zn, Au)
116	Rosebe	Ag, Pb, Zn, Au (Cu, Sb)
117	Dalmer	Zn, Pb, Ag, Au
118	Berry	Cu, Ag, Au
120	Koonyd	Zn, Pb, Ag (Cu, Au)
122	A. Mids	Cu, Ag, Au (Pb, Zn)
124	Sterlin	Pb Zn Ag Cu As
125	Woolve	Cu, Pb
127	Kittso	Ag (Cu, Zn, Bi)
128	Symm	Pb, Cu (Ba)
130	Kapi	Ag, Pb, Cu (Ni, Au)
131	Melba	Sn
132	Fraser	As, Cu, Sn (Ag)
133	Green's	Cu (Sn, Pb)
134	Curtin	Ag, Pb, Cu (As, Zn, Sb, Bi)
135	Curtin	Pb, Ag, Cu (Zn, Bi)
136	Montes	Cu
137	Block	Pb, Ag (Zn, Cu, Sb, As)
138	Block	Ag, Pb, Cu (Sb, As)
139	Centra	Cu, Ag
140	S.W. C	Cu, Ag (Bi)
141	No. 1 C	Cu, Ag (Pb, Zn, As, Sb, Bi)
142	South	Ag, Pb, Cu (Zn)
143	Hecla	Ag, Cu, Bi (As, Pb, Zn, Ni, Sb)
144	Great	Pb, Zn, Ag, Cu (As, Sb, Bi)
145	Evendo	Pb, Zn
146	Curtin	Zn, Ag, As
147	Rames	Cu, Pb, Zn, Sb, Ag
148	Wallac	Pb, Cu, Ag, Zn (As, Sb, Sn)
149	Bonnie	Pb, Ag, Cu
150	Fahlor	Ag, Cu (Pb, Zn, As, Bi, Sb)
151	Ring V	Ag, Cu (Pb, Zn, Sb, Bi)
152	Sectio	Sn
153	Ring F	Cu, Ag, Pb, Zn (Ba, Mn)
156	Svenge	Cu
157	New F	Ag (Cu)
158	Hamilt	Pb (Sb)
159	Hercul	Zn, Pb, Cu, Ag, Au (Mg, As, Bi)
164	Henty	Cu
165	Red H	Cu
166	Red H	Cu (Pb, Zn, Ag, Au)
167	Red H	Zn, Pb, Ag (Cu, Au)
169	Great	Sn
171	West	Ag, Pb
172	Ahern	Sn
173	Comet	Ag, Pb (Zn)
175	Platt	Pb, Zn
178	Banner	Ag, Pb, Zn (Sb)
179	Kosmi	Ag Pb Zn (Cu)
180	Great	Ag, Pb, Zn
181	Ainslie	Ag, Pb, Zn
182	Moores	Pb, Zn, Cu, Ag (Ni)
183	Harris	Pb
184	Henty	Cu, Pb, (Zn)
185	Selina	(Ag, Cu, Mo)
186	Hodges	Cu
187	Howard	Zn, Pb, Ag (Cu)
188	Tyndal	Pb, Zn, Cu, Ag (As)
189	Howard	Ag, Ba (Pb, Zn)
192	Henty	Pb, Zn, Ag
193	Henty	Au ?
195	Lake D	Cu (Ag, Pb, Zn, As, Co)
197	X	Au
200	Lake M	Au
204	Beatric	Pb, Zn
322	Adelaid	Pb, Ag (Zn, Cu)
330	East H	Py
332	Grand	Cu (Pb)

LEGEND

⊙ Position accurate

△ Position approximate

5 cm

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

Highway, Main Road
Vehicular Track
River, Creek
Railway
Major Mine Working
RH 5 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 MINERAL OCCURRENCES

GEOLOGY - INTERPRETATION

Sheet 2
Sheet 2

Date June '82
Date June 82

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

Overlay 9 (II) of 1:50000 Dundas compilation, Tasmania

QUATERNARY

- Q — Thick cover (glacial till, alluvium)

TERTIARY

- Ts — Undifferentiated sedimentary rock
- Tb — Basalt

JURASSIC

- Jd — Dolerite

PERMIAN

- Pt — Tillite

SILURO-DEVONIAN

- Dg — Granite

ELDON GROUP
- Ds — Sandstone
- Dsh — Siltstone
- Ss — Black shale & siltstone
- Sq — Quartzite, sandy shale, siltstone

ORDOVICIAN

GORDON LIMESTONE
- Ol — Limestone
- Osh — Calcareous shale

LATE CAMBRIAN - EARLY ORDOVICIAN

- €-Oc — Conglomerate quartz sandstone minor shale (Owen Conglomerate)

CAMBRIAN

TYNDALL GROUP
- €tb — Volcaniclastic conglomerate, tuff (Jukes Breccia)
- €tt — Tuff (Comstock Tuff)
- €tl — Lava

Intrusive Rocks
- €If — Felsic (non-granitic)
- €Ii — Intermediate
- €Ib — Basic
- €Iu — Ultrabasic
- €g — Granite

CAMBRIAN

Extrusive Volcanics
- €ft — Felsic tuff
- €fa — Felsic agglomerate
- €ff — Felsic ash-flow
- €fl — Felsic lava
- €f — Felsic undifferentiated
- €it — Intermediate tuff
- €ia — Intermediate agglomerate
- €if — Intermediate ash-flow
- €il — Intermediate lava
- €i — Intermediate undifferentiated
- €bt — Basic tuff
- €ba — Basic agglomerate
- €bt — Basic ash-flow
- €bl — Basic lava
- €b — Basic undifferentiated

Sedimentary Rocks
- €sb — Black shale
- €sh — Shale, siltstone
- €sq — Sandstone, greywacke
- €sv — Volcaniclastic siltstone (Rosebery Host)
- €ss — Volcaniclastic sandstone
- €sc — Conglomerate (excluding Owen, Tyndall)
- €sl — Dolomite, limestone
- €se — Chert, fine grained siliceous rock
- €s — Sediment undifferentiated

PRECAMBRIAN

- pEq — Quartzite & shale
- pEs — Schist

INTERBEDDED LITHOLOGIES

Symbol: dominant lithology - mixed / subordinate lithology

eg. €sh - b / €ft - l

Colour code: striped

- 50 — Strike & dip of bedding, facing known
- 50 — Strike & dip of bedding, facing unknown
- 50 — Overturned bedding
- Vertical bedding
- 50 — Strike & dip of cleavage
- Vertical cleavage
- 50 — Banding or primary foliation in volcanic rocks
- Anticline, plunge
- Syncline, plunge
- Geological boundary
- Unconformity
- Fault - observed or accurate
- Fault - position approx. or inferred

5 cm

GEOLOGY

SHEET 2

DATE JUNE '82

Overlay 10 (II) of 1:50000 Dundas compilation, Tasmania

SHEET 2

7411

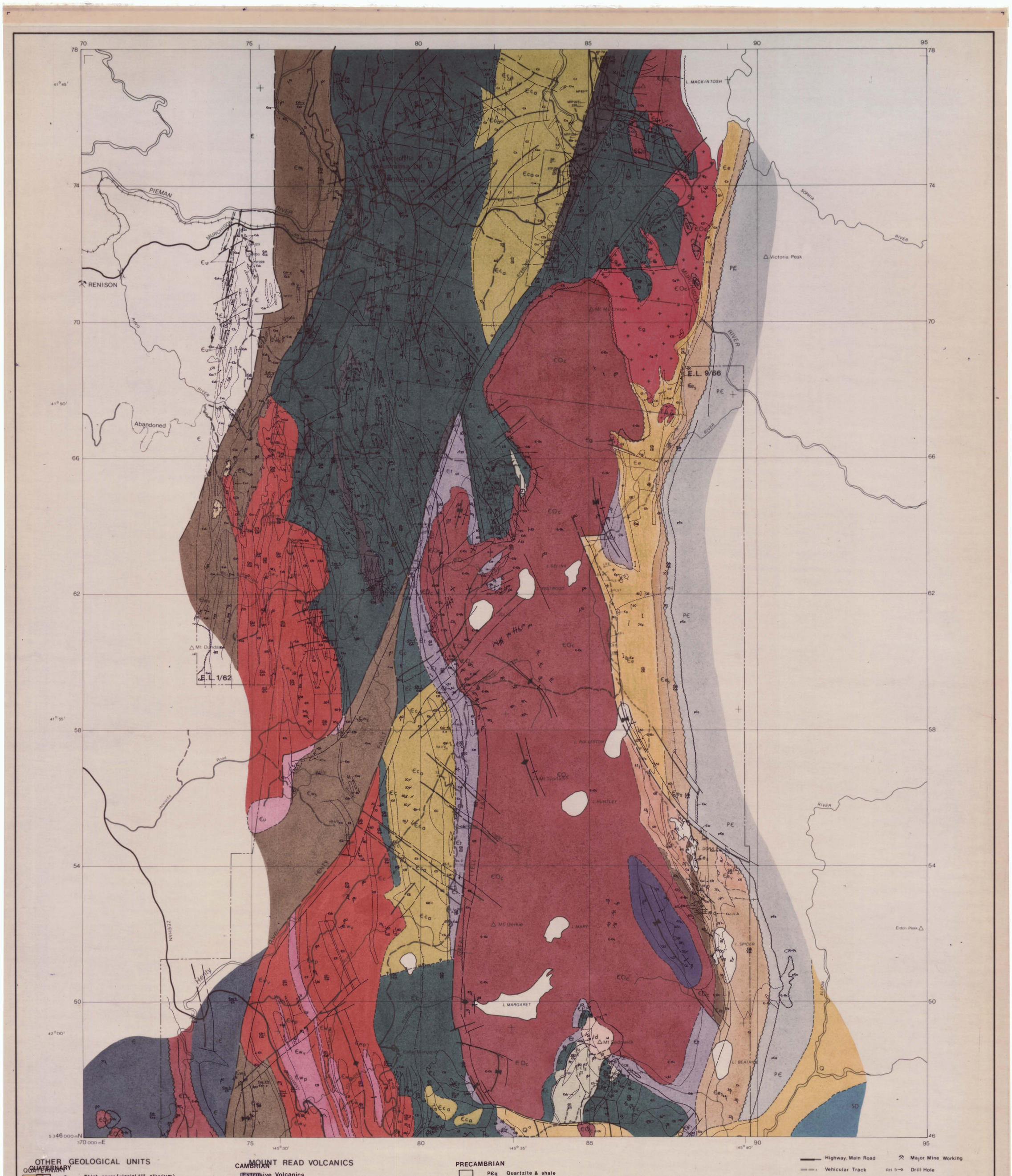
SHEET 10(11)

710010

82-1834

37

82-1834



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ORDOVICIAN
- O — Gordon Limestone and correlates

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- Newton Conglomerate, quartz sandstone
- €-Oc — minor shale (Owen Conglomerate)

CAMBRIAN
- € — Undifferentiated sedimentary rocks
- €tb — Volcaniclastic conglomerate, tuff (incl. Dundas (Jukes) Breccia, Creek Formation)
- €g — Tuff (Comstock Tuff)
- €u — Lava

Intrusive Rocks

PRECAMBRIAN
- Pє — Undifferentiated metamorphic rocks
- €Ib — Basic
- €Iu — Ultrabasic
- €g — Granite

GRID DENOTES 1 Scm MAP DISTANCES BASED ON 1000m INTERVALS OF AUSTRALIAN MAP GRID

MOUNT READ VOLCANICS

CAMBRIAN

Extrusive Volcanics

EASTERN SEQUENCE
- €t — Tyndall Group (including Jukes Breccia, Comstock Tuff, Tyndall lavas)
- €ff — Felsic tuff
- €fa — Felsic agglomerate
- €fl — Felsic ash - flow
- €v — Felsic lava
- Selina Spilite — Felsic sedimentary sequence
- €f — Felsic, undifferentiated
- €it — Intermediate tuff
- €ia — Intermediate agglomerate
- €if — Intermediate ash - flow
- €il — Intermediate lava
- €i — Intermediate undifferentiated

CENTRAL SEQUENCE
- €bt — Basic tuff
- €c — Main belt feldspar - phyric volcanics
- €ba — Basic agglomerate
- €cs — Quartz - phyric volcanics
- €bl — Basic ash - flow
- €v — Basaltic units
- €b — Basic, undifferentiated

WESTERN SEQUENCE

Sedimentary Rocks
- €sb — Black shale
- €ws — Quartz - feldspar porphyry
- €sh — Shale, Siltstone
- €sq — Sandstone, greywacke
- €sv — Volcaniclastic siltstone (Rosebery Host)
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appropriate geological boundary

inferred geological boundary

INTERBEDDED LITHOLOGIES — unconformity

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fault - approximate

subordinate lithology

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- Geological boundary
- Unconformity
- Fault - observed or accurate
- Fault - position approx. or inferred

- Highway, Main Road
- Vehicular Track
- River, Creek
- Railway
- Major Mine Working
- RH 5 — Drill Hole
- E.L. Boundary
- M.L. Boundary

SHEET INDEX

5 cm

SCALE 1:50 000

0 1 2 3 4 5

KILOMETRES

5 cm

GETTY - E.Z. - MT LYELL

COMPI[illegible]IA

GEOLOGY - INTERPRETATION

GEOLOGY

SHEET 2

DATE JUNE '82

Sheet 2

Date June 82

Overlay 10 (II) of 1:50000 Dundas compilation, Tasmania