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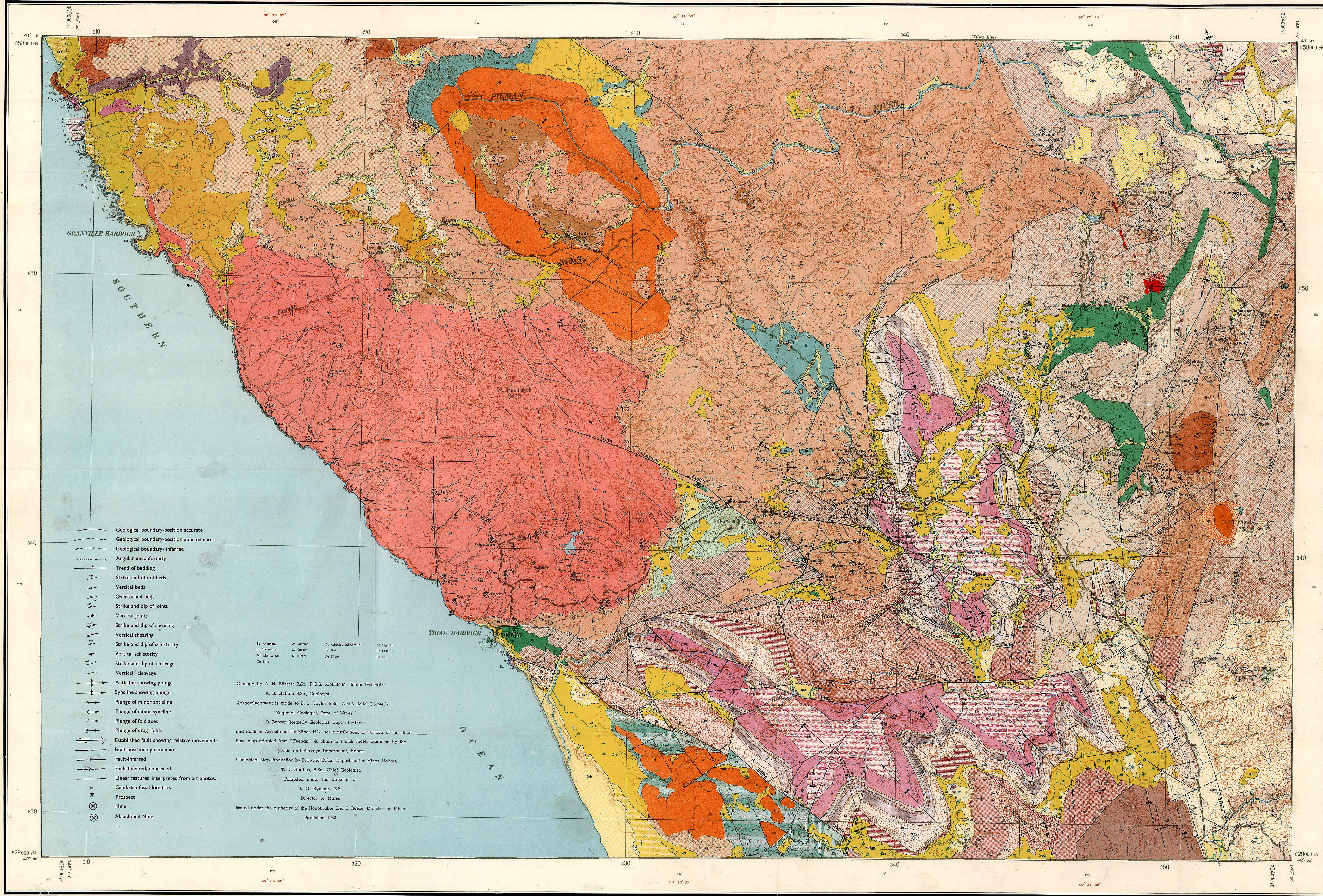
ZEEHAN

GEOLOGICAL SURVEY OF TASMANIA.
DEPARTMENT OF MINES—HOBART.

GEOLOGICAL ATLAS 1 MILE SERIES
ZONE 7 SHEET NO. 50



Geological boundary-position accurate
Geological boundary-position approximate
Geological boundary- inferred
Angular unconformity
Trend of bedding
Strike and dip of beds
Vertical beds
Overturned beds
Strike and dip of joints
Vertical joints
Strike and dip of shearing
Vertical shearing
Strike and dip of schistosity
Vertical schistosity
Strike and dip of cleavage
Vertical cleavage
Anticline showing plunge
Syncline showing plunge
Plunge of minor anticline
Plunge of minor syncline
Plunge of fold axes
Plunge of drag folds
Established fault showing relative movements
Fault-position approximate
Fault-inferred
Fault-inferred, concealed
Linear features interpreted from air photos.
Cambrian fossil localities
Prospect
Mine
Abandoned Mine

Sb Antimony	As Arsenic	Ac Asbestos (Chrysotile)	Bi Bismuth
Cr Chromium	Cu Copper	Fe Iron	Pb Lead
Mn Manganese	Ni Nickel	Ag Silver	Sn Tin
Zn Zinc			

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Lands and Surveys Department, Hobart
Geological Map Production by Drawing Office, Department of Mines, Hobart.
T. D. Hughes, B.Sc., Chief Geologist.
Compiled under the direction of
J. G. Symons, B.E.,
Director of Mines
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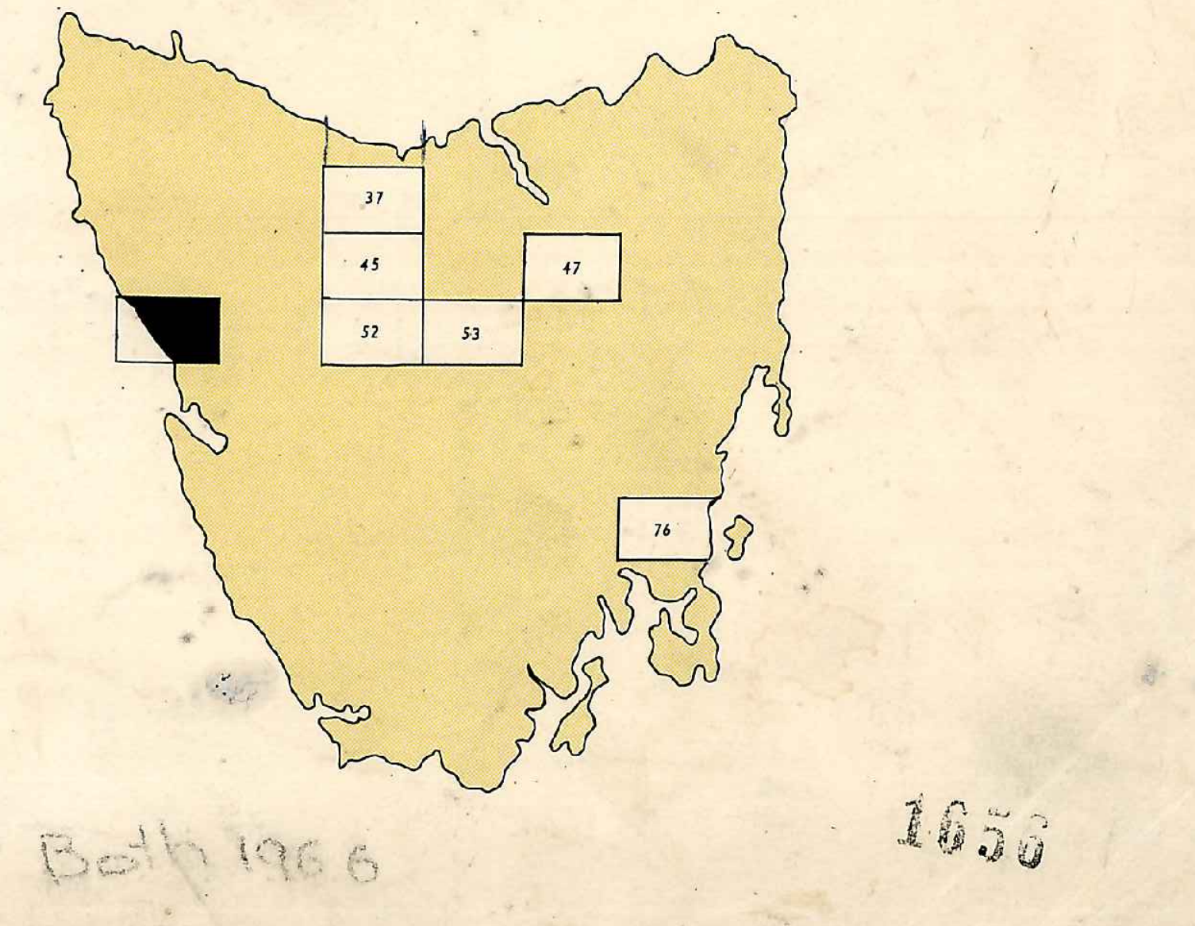
REFERENCE

Era	Period	Group	Symbol	Unit
Cainozoic	QUATERNARY (Q)	RECENT	Qra	Alluvium
			Qrb	Beach deposits
			Qrd	Sand dunes and blown sand
			Qrg	Gravels
			Qt	Conglomerate talus
			Qt	Dolerite talus
			Qt	Quartz porphyry talus
			Qrr	Raised beaches
			Qrs	Older alluvium marsh deposits, downwash etc.
		PLEISTOCENE	Qpf	Fluvioglacial and lacustrine deposits
			Qpm	Moraine
	TERTIARY (T)		Tc	Conglomerate and grit
			Tg	Gravels
			Tl	Limestone
			Ts	Sand, silt and clay
Palaeozoic	PERMIAN (P)		Pc	Cygnet Coal Measures
			Pf	Ferntree Group
			Pw	"Woodbridge" Group
			Pt	Zeehan Glacial Formation
	DEVONIAN (D)	ELDON GROUP	Db	Bell Shale
			Df	Florence Quartzite
	SILURIAN (S)		Sac	Austral Creek Siltstone
			Sk	Keel Quartzite
			Sa	Amber Slate
			Sc	Crotty Quartzite
			S	Unassigned
	ORDOVICIAN (O)	JUNEE GROUP	Og	Gordon Limestone
			Om	Moina Sandstone
			Oz	Mt. Zeehan Conglomerate
	CAMBRIAN (€)	DUNDAS GROUP	€m	Misery Conglomerate
			€cl	Climie Formation
			€f	Fernflow Formation
			€co	Comet Formation
			€fe	Fernfields Formation
			€b	Brewery Junction Formation
			€ra	Razorback Conglomerate
			€h	Hodge Slate
			€r	Red Lead Conglomerate
			€d	Volcanics, Dundas Group Unassigned
			€c	Crimson Creek Formation
			€	Cambrian Unassigned
Precambrian	PROTEROZOIC (P)		Puo	Volcanics, Oonah Quartzite and Slate
			Pc	Concert Schist
			Pw	Whyte Schist

IGNEOUS ROCKS

Period	Symbol	Rock
TERTIARY	Tb	Basalt
JURASSIC	Jdl	Dolerite
DEVONIAN	Dg	Granite
	Dqp	Quartz porphyry
CAMBRIAN	€g	Gabbro, norite and dolerite
	€s	Serpentinite and pyroxenite



MERCURY

CONTROL: 2nd and 3rd Order Triangulation based on Lochmaben Astronomical Station Lat. 41°38' 27.389"S. Long. 147°17' 49.725" E.
DETAIL: Aerial Photography 1956
PROJECTION: Transverse Mercator
LEVEL DATUM: Mean Sea Level Hobart
NOMENCLATURE: Approved by the Nomenclature Board of Tasmania.
GRID CONVERGENCE: Based on Longitude 146° 00' E. To obtain True Bearing use corrections as shown in Brown along top and bottom borders of sheet.

Trig. Stations: 2nd and 3rd Order △; 4th Order ⊙
State Permanent Mark ● S.P.M.
House Hut
Post Office School Hotel P. S. H.
Hospital Garage Church HOSP. G. +
Windpump Cemetery Water Tower W.T.
Mine Lighthouse. Waterhole W.H.
Electric Transmission Line
Telephone Line

INDEX TO ADJOINING SHEETS

PIEMAN RIVER	CORINNA	MACKINTOSH
	ZEEHAN	MURCHISON
	STRAHAN	LYELL

FIGURE 4.

SCALE 1 MILE TO 1 INCH

CHAINS 80 40 0 1 2 3 4 5 MILES
METRES 1000 0 1 2 3 4 5 6 7 8 KILOMETRES

CONTOUR INTERVAL 50 FEET

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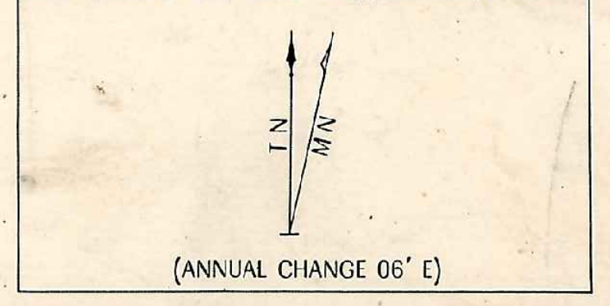
Magnetic variation from True North for the centre of this sheet is approximately 11°40'E.



(ANNUAL CHANGE 06' E)

Swamp or Marsh
Quarry
Gravel Pit
Cliff
Contours
Depression Contours

Roads.
1st Class Sealed
2nd Class Metal or Gravel
3rd Class " " "
4th Class. Unmetalled
Fenced Unfenced.
Vehicular Track
Foot or Pack Track.
Gate Cattle-grid Bridge
Railway
Station

Both 1966

1656