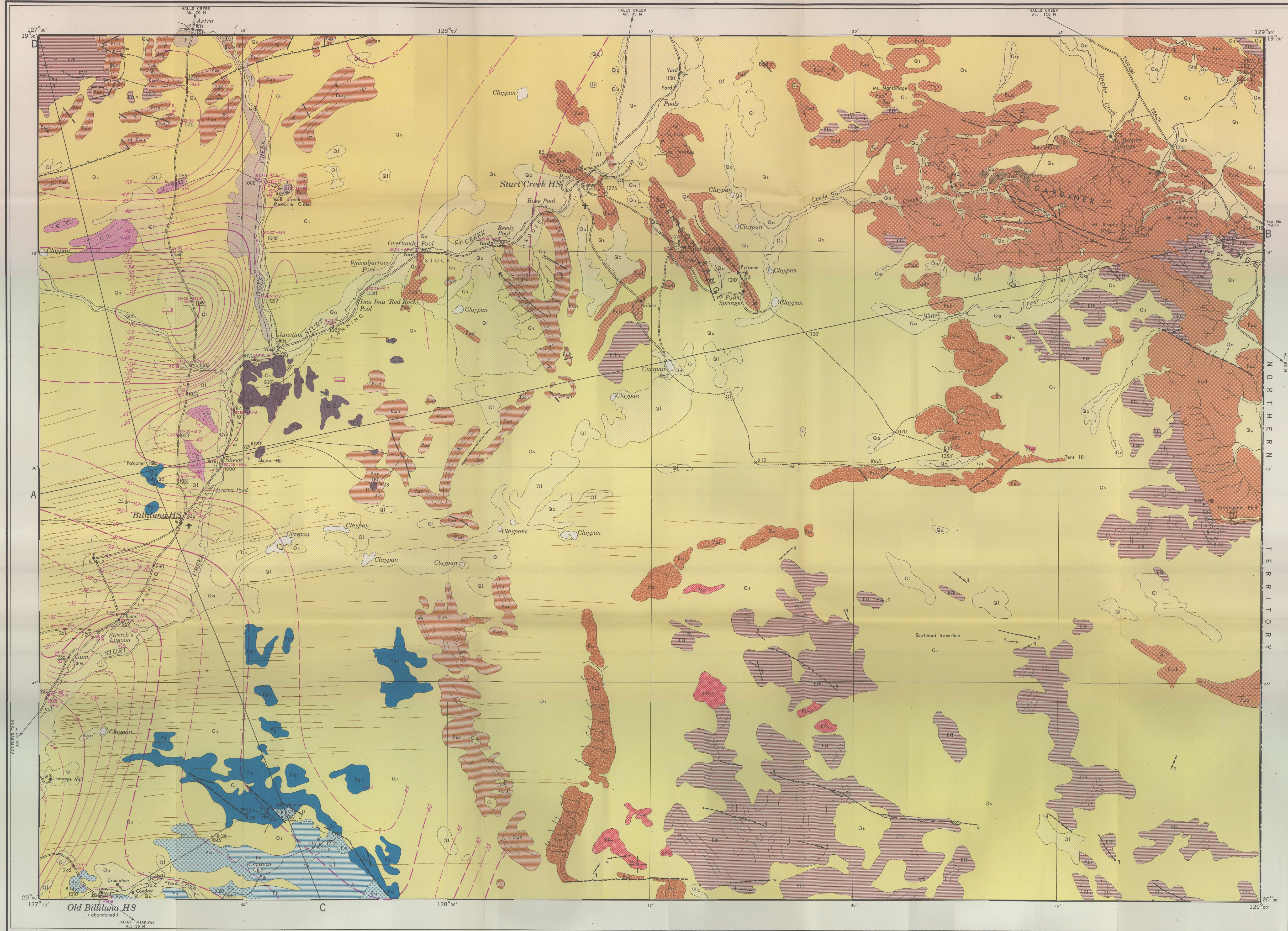


AUSTRALIA 1:253,440

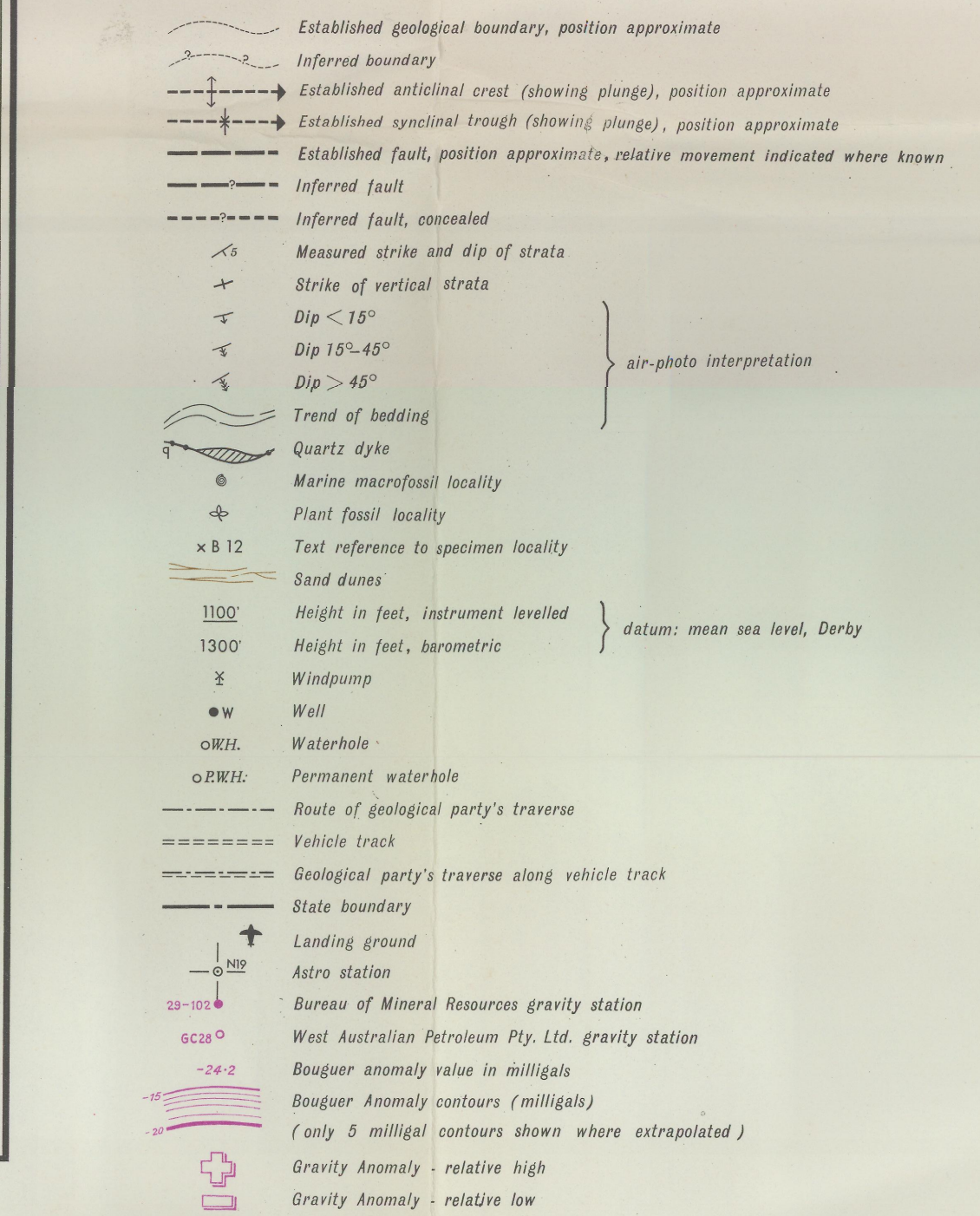
BILLILUNA
WESTERN AUSTRALIA

4 MILE GEOLOGICAL SERIES SHEET E 52-14



Reference

CENOZOIC	QUATERNARY	Qa	Alluvium
		Qs	Sand
		Ql	Travertine, tufa
TERTIARY	Wolf Gravel	Tf	Alluvial gravel and sand
		Lawford Beds	Lacustrine marl, chalcodony
		Laterite	Laterite, pisolitic ironstone
PERMIAN	Balgo Member - Liveringa Formation	Po	Sandstone, shale, quartz greywacke, marine fossils
		Pn	Sandstone, fine quartz greywacke and shale, partly calcareous; marine fossils
		Pg	Pebbly sandstone with wood remains; probably fluvio-glacial
U. DEVONIAN ? - L. CARBONIFEROUS ?	Grant Formation	Pd	Pebbly sandstone with plant fossils
		O	Conglomerate, sandstone; trilobite remains
ORDOVICIAN ?	Unconformity	Unconformity	Unconformity
		Phillipson Beds	Current-bedded sandstone and basal conglomerate
		Gardiner Beds	Current-bedded ripple-marked siliceous sandstone, shale, basal conglomerate
UPPER ?	Kearney Beds	Kearney Beds	Siliceous sandstone
		Unconformity	Unconformity
		Lewis Granite	Granite and muscovite granodiorite
LOWER ?	Halls Creek Metamorphics	Halls Creek Metamorphics	Quartz greywacke, shale, slate
		P	Sandstone and shale
		Undifferentiated	Undifferentiated



INDEX TO ADJOINING SHEETS

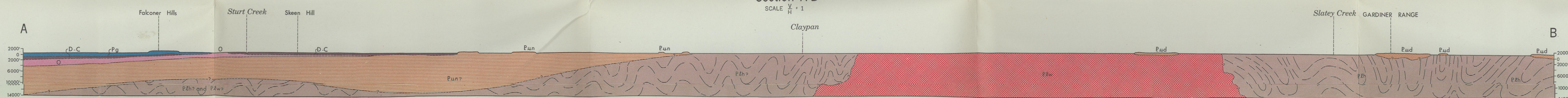
Showing Magnetic Declination

MT. RAMSEY	GORDON DOWNS	BIRRIINDU
MT. BANNERMAN	BILLILUNA	TANAMI
CORNISH	LUCAS	THE GRANITES

ANNUAL CHANGE 55° E

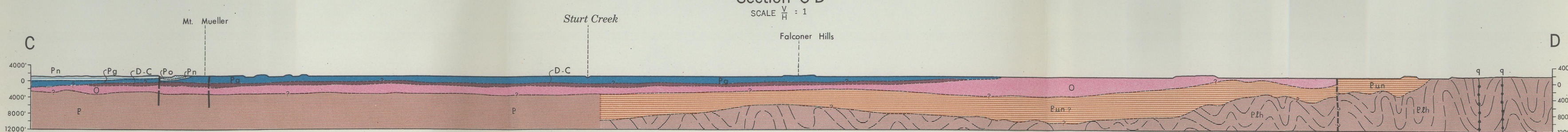
Section A-B

SCALE 1/4" = 1 mile

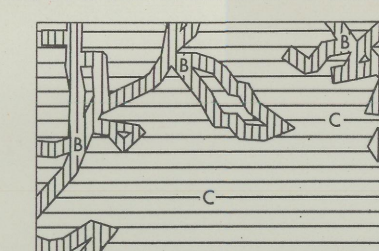


Section C-D

SCALE 1/4" = 1 mile

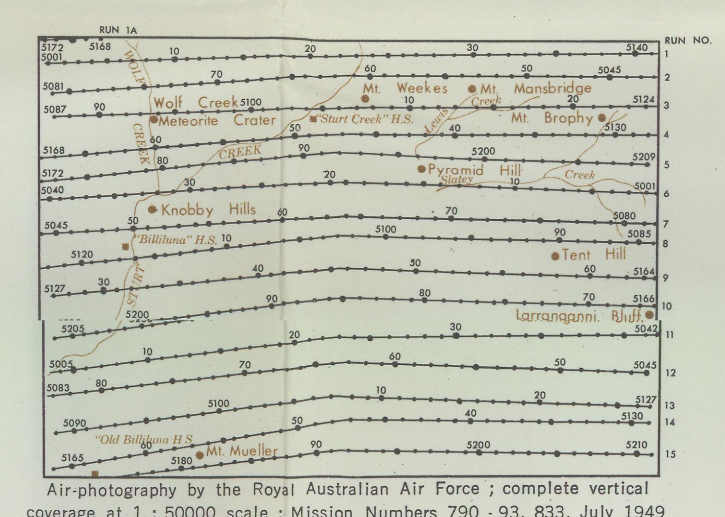


GEOLOGICAL RELIABILITY DIAGRAM



Geology by J. N. Casey and A. T. Wells
Gravity data by: G. Neumann, S. Waterlander, J. R. van Son, J. van der Linden, and West Australian Petroleum Pty. Ltd.
Compiled October 1959 by: J. N. Casey, A. T. Wells.
Drawn by Adastria Airways Pty. Ltd.

AIR-PHOTOGRAPH FLIGHT DIAGRAM



BILLILUNA
SHEET E 52-14

Copies of this map may be obtained from the Bureau of Mineral Resources, Geology and Geophysics, Canberra, A.C.T., or the Geological Survey of Western Australia, Perth, W.A.