

Tasmanian Mineral Exploration Company Report

Title: Meredith Granite 1979
Company: PlacerDome

Plans from archive store in Zeehan

Compiled by David Green 4 June 2003.

03_4914

Meredith Granite 1979

Placer Dome Asia Pacific*
Green, D.

MEREDITH GRANITE AREA
WESTERN TASMANIA

03 4914

SHEET 1

NORTH PIEMAN SHEET 1
STANDARD PHOTO GEOLOGY
1:15,000 (MUNTING)

Scale 1:15,000 (approximate)



REFERENCE

SEDIMENTARY ROCKS

QUATERNARY	Qa	Recent alluvium
	Qs	Residual soil, older alluvium, swamp deposits
	Qg	Glacial deposits
TERTIARY	Tg/Ts	Gravels and sediments
DEVONIAN	Db	Bell Shale
	Df	Florence Quartzite
	Sac	Austral Creek Siltstone
SILURIAN	Sx	Keel Quartzite
	So	Amber Slate
	Sc	Crofty Quartzite
ORDOVICIAN	Og	Gordon Limestone
	Oz	Mount Zeehan Conglomerate (or equivalent)
CAMBRIAN	Cam	Arthur River Sequence - red mudstone Sandstone
	Ed	Dundas Group and correlatives
	Ec	Crimson Creek Formation
	Ebq1	Transition sequence below Ec
	Ebq	Basal quartzite unit (between p6o and Ec)
		Undifferentiated
PRE-CAMBRIAN (PROTEROZOIC)	p6b	Quartzite, mudstone and dolomite of Mount Bischoff
	p6w-ps	Pisammites
	p6w	Whyte Schist
	p6w-pe	Pelites
		Unconformity
	p6o	Oonah Quartzite (and schist)

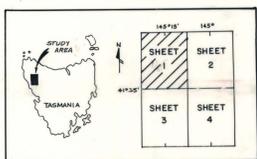
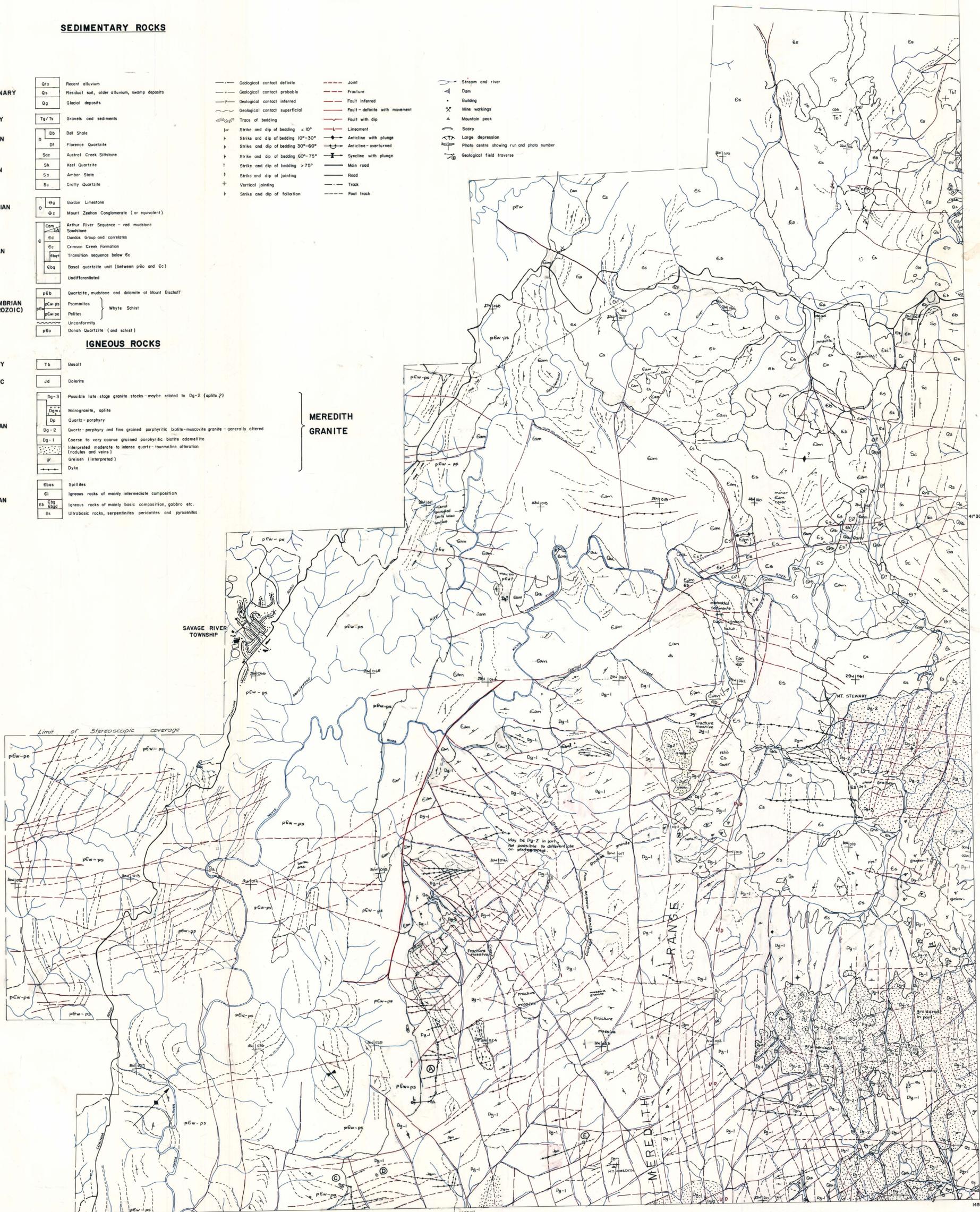
IGNEOUS ROCKS

TERTIARY	Tb	Basalt
JURASSIC	Jd	Dolerite
DEVONIAN	Dg-3	Possible late stage granite stocks - maybe related to Dg-2 (spite?)
	Dg-2	Microgranite, oplite
	Dg-1	Quartz - porphyry
		Quartz - porphyry and fine grained porphyritic biotite-muscovite granite - generally altered
		Coarse to very coarse grained porphyritic biotite adamellite
		Interpreted moderate to intense quartz - tourmaline alteration (facules and veins)
	gr	Grissen (interpreted)
		Dyke
CAMBRIAN	Ebas	Spillites
	Ei	Igneous rocks of mainly intermediate composition
	Eb	Igneous rocks of mainly basic composition, gabbro etc.
	Ebg	Ultrabasic rocks, serpentinites peridotites and pyroxenites

LEGEND

—	Geological contact definite	---	Joint	—	Stream and river
- - -	Geological contact probable	---	Fracture	—	Dam
- · - · -	Geological contact inferred	---	Fault inferred	—	Building
- · - · -	Geological contact superficial	---	Fault - definite with movement	—	Mine workings
—	Trace of bedding	---	Fault with dip	—	Mountain peak
—	Strike and dip of bedding < 10°	---	Lineament	—	Scarp
—	Strike and dip of bedding 10°-30°	---	Anticline with plunge	—	Large depression
—	Strike and dip of bedding 30°-60°	---	Anticline - overturned	—	Photo centre showing run and photo number
—	Strike and dip of bedding 60°-75°	---	Syncline with plunge	—	Geological field traverse
—	Strike and dip of bedding > 75°	---	Main road		
—	Strike and dip of bedding	---	Road		
—	Vertical jointing	---	Track		
—	Strike and dip of foliation	---	Foot track		

MEREDITH GRANITE



LOCALITY AND SHEET LAYOUT
DIAGRAM

The drainage base was produced from enlarged 1:31,680 scale topographic sheets
248 colour aerial photographs were used for the annotation.

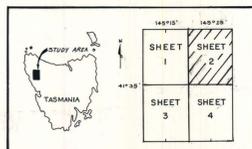
4 days were spent in the field checking geological information

This map was prepared on behalf of RENISON LIMITED by
Hunting Geology and Geophysics (AUSTRALIA) Pty. Limited

For legend see sheet 1

MEREDITH GRANITE AREA WESTERN TASMANIA

Scale 1:15,000 (approximate)



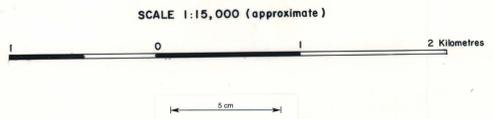
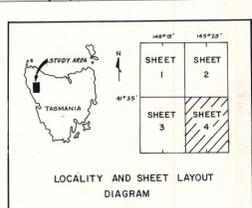
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Meredith Granite 1979
 Florin Dome Area Pacific
 Green, D.

Hunting Geology and Geophysics (AUSTRALIA) Pty. Limited. Canberra, June 1979



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NORTH FROM
 SHEET 4
 PHOTO GALLERY
 1:15,000
 (MUNTING)