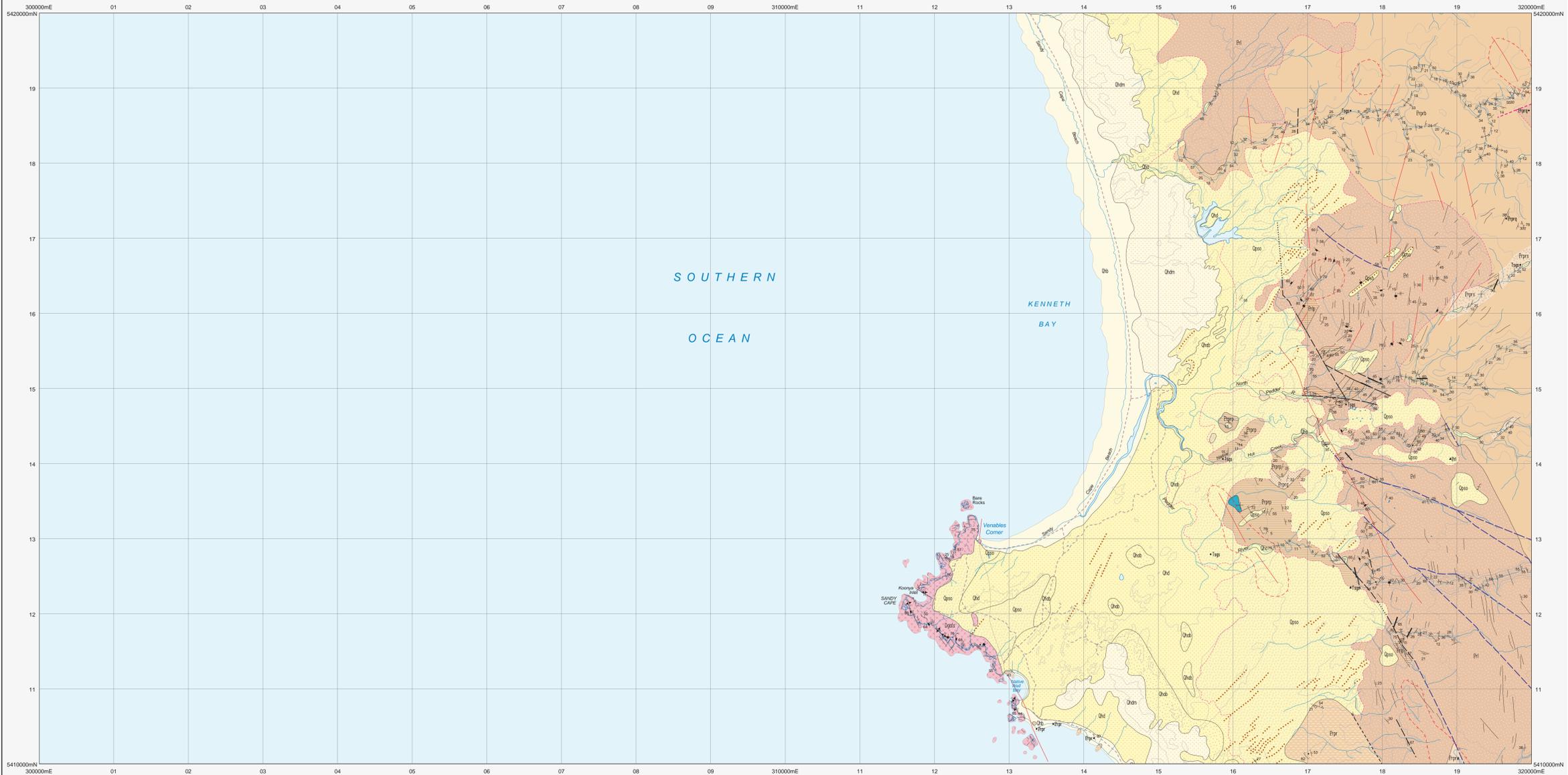


# KENNETH

Scale: 1:25 000



CENOZOIC	
QUATERNARY	
HOLOCENE	
Qhs	Beach sand (Qhs).
Qhd	Dune sand (Qhd).
Qhm	Mobile dune sand (Qhm).
Qha	Stream alluvium, swamp and marsh deposits (Qha).
Qhb	Marsh and swamp deposits (Qhb).
Qps	Older aeolian sand and minor clay, peat and gravel (Qps).
Qts	Interbedded siliceous gravel, quartz sand and clay (Qts).
Unconformity	
PALEOCENE-NEOGENE	
PLEISTOCENE	

MESOPROTEROZOIC	
ECTASIAN	
Etrp	Interbedded parallel- to trough cross-bedded orthoquartzite, medium-grained quartz sandstone, minor siltstone and rare quartz-pebble conglomerate and shale (Logoon River Quartzite) (Etrp).
Etrp	Some units of dominantly laminated grey to cream siltstone indicated (Logoon River Quartzite) (Etrp).
Etrpw	Dominantly thin (0.5-2mm) interlaminated dark grey to green-grey siltstone and cream to off-white very fine-grained quartz sandstone, moderately wavy to convolute lamination; interbeds (50-100mm) of quartz sandstone and orthoquartzite locally presents pyrite crystals locally abundant (Etrpw).
Etrpp	Dominantly planar laminated, locally pyritic, dark grey siltstone; lenses and gutter casts of cream quartz sandstone locally present (Etrpp).
Etrpb	Dominantly 'banded', thickly laminated to thinly interbedded (5-20mm) dark-medium grey siltstone and cream fine-grained sandstone; lamination and bedding broadly undulate to and or planar (Etrpb).
Etrps	Mappable orthoquartzite and quartz sandstone intervals (Etrps).
Etrp	Dominantly sandstone and siltstone of varied facies, including intervals rich in cross-bedded quartz sandstone (Etrp).
Etrp	Dominantly siltstone of varied facies; upper sequences dominantly wavy- to cross-laminated finely alternating siltstone and 'barren' siltstone merging downward into more varied sequence - typically interbedded mid-dark grey siltstone and pale grey quartz siltstone - fine sandstone, which may show planar-parallel bedding, well preserved erosional gutters, clastic dykes and grading, cross-lamination and lensing of the quartz-rich beds (Feeder River Siltstone) (Etrp).

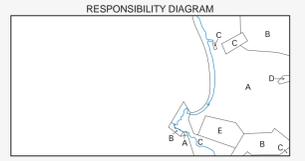
INTRUSIVE ROCKS	
NEO-PROTEROZOIC(?) PALEOZOIC	
DEVONIAN	
Dgrfs	Dominantly strongly fractionated muscovite-micro biotite-bearing alkali feldspar granite (Sandy Cape Granite - Type) (Dgrfs).
Etrnd	Tholeiitic dolerite dykes (Etrnd).

—	Geological boundary - position approximate.
---	Geological boundary - concealed.
-.-.-	Geological boundary - inferred from radiometric data.
- - - - -	Fault - position accurate or approximate.
.....	Fault - inferred.
.....	Fault - concealed.
---	Fault - position accurate or approximate based on interpretation of aerial photographs.
---	Lineament visible on aerial photographs.
---	Magnetic gradient or lineament (direction towards lower values indicated).
---	Lineament visible in airborne magnetic data.
---	Dune crest.
---	Limit of mapping (for use where LWM limits geological polygons on coastlines).
(white line)	Limit of mapping of sub-unit within undifferentiated rock unit (colour boundary).

↖ ↗	Strike and dip of bedding, facing unknown; right way up.
↖ ↗	Strike and dip of compositional layering; vertical.
+	Horizontal bedding.
↖ ↗	Strike and dip of cleavage of unspecified type and relative age, dipping vertical.
↖ ↗	Strike and dip of cleavage, relative local age S1.
↖ ↗	Strike and dip of outcrop-scale fault of unspecified relative age, type unspecified; dipping vertical.
↖ ↗	Strike of outcrop-scale fault of unspecified relative age, downthrown side indicated.
↖ ↗	Strike and dip of outcrop-scale thrust fault of unspecified relative age.
↖ ↗	Trend and plunge of minor fold hinge line, unspecified relative age.
↖ ↗	Trend and plunge of minor fold hinge line, unspecified relative age, minor antiform minor synform.
↖ ↗	Trend of horizontal minor fold hinge line, unspecified relative age.
↖ ↗	Trend and plunge of minor fold hinge line, unspecified relative age, vergence dextral, vergence sinistral, symmetrical.
↖ ↗	Trend and plunge of minor fold hinge line, relative local age F1, symmetrical.
↖ ↗	Trend and plunge of chevron-fold hinge line, unspecified relative age.
↖ ↗	Strike and dip of dominant joint set; vertical.
↖ ↗	Trend and plunge of bedding/primary cleavage intersection (notation 0.5).
↖ ↗	Generalised paleocurrent direction, polarity unspecified.
↖ ↗	Sense of lateral offset on wrench or oblique-slip faults: sinistral.
↖ ↗	Strike and dip of foliation due to alignment of K-feldspar phenocrysts in granitic rock; vertical.
↖ ↗	Trend of preferred orientation of K-feldspar phenocrysts in granitic rock.
↖ ↗	Strike and dip of primary igneous banding or pty alignment, and schistosity in granitic rocks.
↖ ↗	Strike and dip of dyke or vein, rock type or mineral specified by RCODE in Point Attribute Table - dipping vertical.
•	Field station for adjacent nesting on map.
•	Notable small outcrop with rock unit indicated.
▲	Notable small float or lag occurrence with rock unit indicated.

Compiled by G.V. Cumming, B.Sc. (Hons), C.J. Jackman, B.Sc. (Hons) and J.L. Everard, B.Sc. (Hons) 2017 from the following sources (see responsibility diagram).  
A. G.V. Cumming. Field mapping 2015 - 2016.  
B. C.J. Jackman. Field mapping 2015 - 2016.  
C. J.L. Everard. Field mapping 2015 - 2016.  
D. J.L. Everard. Reconnaissance traverses 2003.  
E. C.J. Jackman and G.V. Cumming. Orthophoto interpretation 2017.



REFERENCE THIS MAP AS:  
CUMMING, G.V., JACKMAN, C.J. AND EVERARD, J.L. (compilers) 2017.  
Digital Geological Atlas 1:25 000 Scale Series, Sheet 3041 Kenneth.  
Mineral Resources Tasmania.

Base data from the LST, Copyright State of Tasmania.  
Map produced by Spatial Information Services,  
Mineral Resources Tasmania using G.I.S. software.  
Website: www.mrt.tas.gov.au



GD94 - MGA Zone 55. Contour Interval: 20 metres.

While every care has been taken in the preparation of this data, no warranty is given as to the correctness of the information and no liability is accepted for any statement or opinion or for any error or omission. No reader should act or fail to act on the basis of any material contained herein. Readers should consult professional advisers. As a result the Crown in Right of the State of Tasmania and its employees, contractors and agents expressly disclaim all and any liability (including all liability for or attributable to any negligent or wrongful act or omission) to any persons whatsoever in respect of anything done or omitted to be done by any such person in reliance whether in whole or in part upon any of the material in this data.  
Crown copyright reserved.

