MINERAL RESOURCES TASMANIA

Tasmania

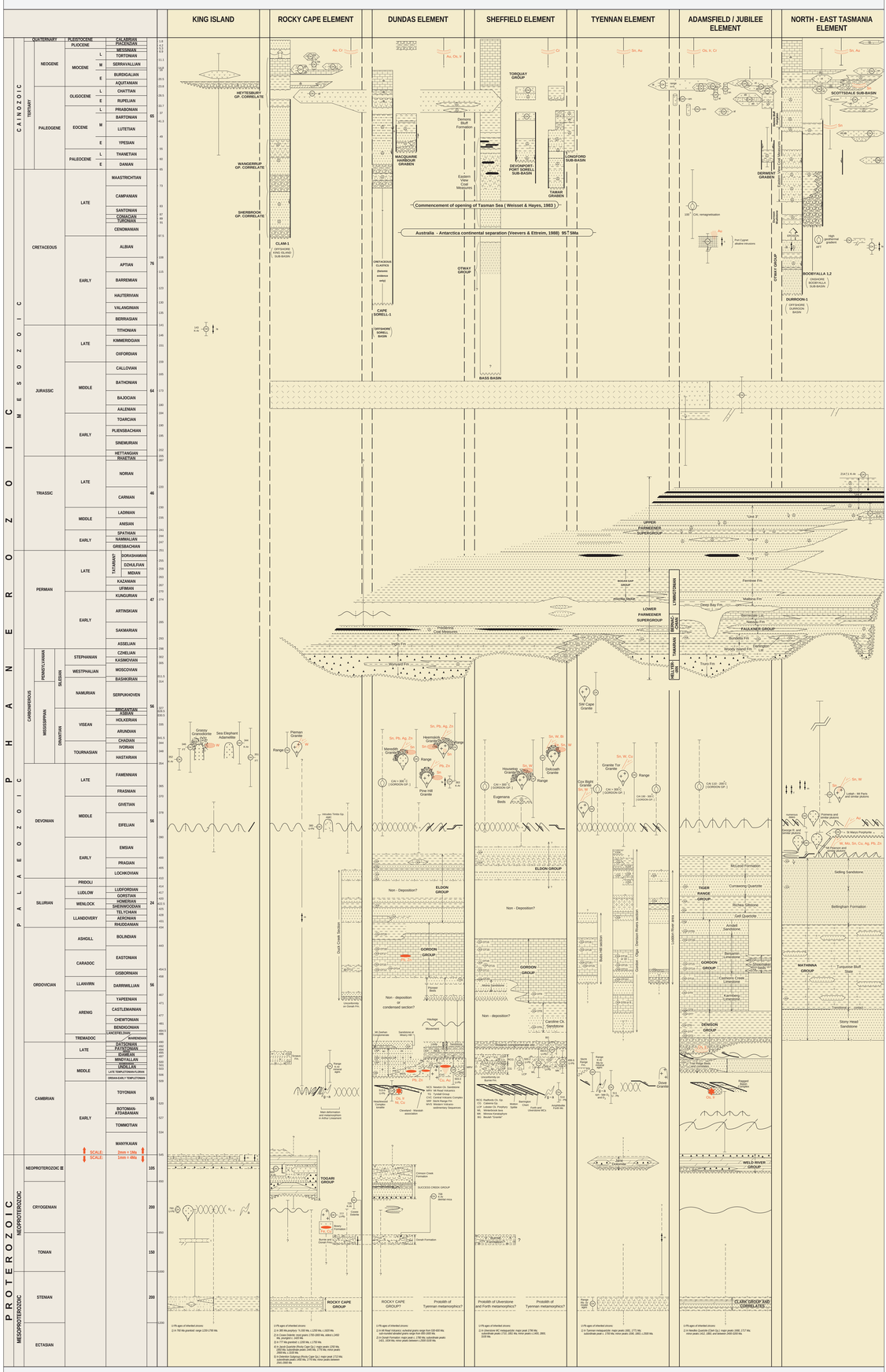
NGMA TASGO PROJECT : Sub-project 1 - Geological Synthesis

TIME - SPACE DIAGRAM FOR TASMANIA

Compiled by: D.B.Seymour and C.R.Calver

VERSION 2 (31-03-1998)

AGSO AUSTRALIAN GEOLOGICAL SURVEY ORGANISATION


KING ISLAND
ROCKY CAPE ELEMENT
DUNDAS ELEMENT
SHEFFIELD ELEMENT
TYENNAN ELEMENT
ADAMSFIELD / JUBILEE ELEMENT
NORTH - EAST TASMANIA ELEMENT
CAINOZOIC
MESOZOIC
PALAEOZOIC
PROTEROZOIC
QUATERNARY
TERTIARY
NEOGENE
PALEOGENE
CRETACEOUS
JURASSIC
TRIASSIC
PERMIAN
CARBONIFEROUS
DEVONIAN
SILURIAN
ORDOVICIAN
CAMBRIAN
NEOPROTEROZOIC
MESOPROTEROZOIC
PLEISTOCENE
PLIOCENE
MIOCENE
OLIGOCENE
EOCENE
PALEOCENE
MAASTRICHTIAN
CAMPANIAN
SANTONIAN
CONIACIAN
TURONIAN
CENOMANIAN
ALBIAN
APTIAN
BARREMIAN
HAUTERIVIAN
VALANGINIAN
BERRIASIAN
TITHONIAN
KIMMERIDGIAN
OXFORDIAN
CALLOVIAN
BATHONIAN
BAJOCIAN
AALENIAN
TOARCIAN
PLIENSBACHIAN
SINEMURIAN
HETTANGIAN
RHAETIAN
NORIAN
CARNIAN
LADINIAN
ANISIAN
SPATHIAN
NAMMALIAN
GRIESBACHIAN
DORASHAMIAN
OZNALEIAN
MIDIAN
KAZANIAN
URBIAN
KUNGURIAN
ARTINSKIAN
SAKMARIAN
ASSELIAN
CEHELIAN
KASIMOVIAN
MOSCOVIAN
BASHKIRIAN
SERPUKHOVIEN
BRIGANTIAN
ASBIAN
HOLKERIAN
ARUNDIAN
CHADIAN
IVORIAN
HASTARIAN
FAMENNIAN
FRASNIAN
GIVETIAN
EIFELIAN
EMSIAN
PRAGIAN
LOCHKOVIAN
PRIDOLI
LUDLOVIAN
GORSTIAN
HOMERIAN
SHEINWOODIAN
TELYCHIAN
AERONIAN
RHUDDANIAN
BOLINDIAN
EASTONIAN
GISBORNIAN
DARRIWILLIAN
YAPEENIAN
CASTLEMAINIAN
CHEWTONIAN
BENDIGONIAN
LANCEFIELDIAN
SARDINIAN
DATCHAN
PATONIAN
BOMEAN
MINDYALLAN
DRUMIAN
LATE TEMPLETONIAN
EARLY TEMPLETONIAN
DRIGIAN-EARLY TEMPLETONIAN
TOYONIAN
BOTOMAN-ATDABANIAN
TOMMOTIAN
MANYKAIAN
SCALE: 5mm = 1Ma
SCALE: 1mm = 4Ma
HETTESBURY GP. CORRELATE
WANGERRUP GP. CORRELATE
SHERBROOK GP. CORRELATE
CLAM-1
(OFFSHORE CARNARVON SUB-BASIN)
MACQUARIE HARBOUR GRABEN
Dentons Bluff Formation
Eastern View Coal Measures
CRETACEOUS CLASTICS (Devonian sediments only)
CAPE SORELL-1
OFFSHORE SORELL BASIN
TORQUAY GROUP
DEVONPORT - PORT SORELL SUB-BASIN
ORGFORD SUB-BASIN
EMMA GRABEN
Commencement of opening of Tasman Sea (Weissnet & Hayes, 1983)
Australia - Antarctica continental separation (Veevers & Ettreim, 1988) 95.7 SMa
OTMAY GROUP
BASS BASIN
SCOTTSDALE SUB-BASIN
DERWENT GRABEN
Derwent Graben
Ringarooma Graben
Eastern Boundary
Western Boundary
Fault Zone
Fault Zone
Fault Zone