

			c.	. 3185 Ma	ADA-mod ADA-mogi ADA-max ADA-mats ADA-mapt ADA-od ADA-mats ADA-mapt ADA-od ADA-oe ADA-mats ADA-max ADA-oe ADA-mats ADA-od ADA-oe ADA-mats ADA-max ADA-oe ADA-mats ADA-od ADA-oe ADA-mats ADA-max Metadolerite ADA-mats ADA-max Metadolerite ADA-mats ADA-max Metadolerite ADA-mats ADA-max Metadolerite Metadolerite
<3228 Ma	Soanesville Group	_	ASOb-sg ASOb-sw ASOb-fnx BUDJAN CREEK FORMATION ASOb-sg ASOb-sg Conglomerate, with interbedded with sandstone, siltstone, and shale; metamorphosed ASOb-sw Wacke; minor conglomerate and felsic volcaniclastic sandstone and siltstone; metamorphosed ASOb-fnv Felsic volcaniclastic sandstone, shale; local grey, white, and black layered chert, minor dacitic tuffaceous rocks; metamorphosed ASOb-fnx Felsic volcanic breccia; includes agglomerate; metamorphosed		
3325–3315 Ma ^{&7} c. 3325 Ma ⁶ 3325–3324 Ma ⁷			East Pilbara Terrane rifting event (3220–3160 Ma) Emu Pool event (3300–3290 Ma)	Bandar Stranger Stran	AEM-mgms AEMna-gge AEMbo-gmop AEMbo-mgmz AEM-gmb AEM-gth AEM-gy AEM-rgmp AEMco-gmp AEMco-gmp AEM-rgmp AEMco-gmp AEMco-gmp AEM-rgms Strongly foliated to schistose metamonzogranite; fine to medium grained AEM-rgms Strongly foliated to schistose metamonzogranite; fine to medium grained AEM-rgms Strongly foliated to schistose metamonzogranite; fine to medium grained AEM-rgms Strongly foliated to schistose metamonzogranite; fine to medium grained AEMno-gge NANDINGARRA GRANODIORITE:biotite-hornblende granodiorite to tonalite; equigranular; contains inclusions of Tambina Supersuite tonalite; metamorphosed BOOBINA PORPHYRY: porphyritic fine-grained monzogranite; minor hornblende; weakly metamorphosed AEMoo-mgmz Sericite-altered, porphyritic, fine-grained metamonzogranite; minor hornblende; weakly metamorphosed AEM-gh Hornblende-biotite monzogranite; fine to coarse grained, seriate to plagioclase-porphyritic; AEM-gmp Serieite in to medium grained, equigranular to porphyritic; AEM-gmp CARBANA MONZOGRANITE: biotite monzogranite; feldspar porphyritic; common mafic xenoliths; weakly metamorphosed Meta ogmp CARBANA MONZOGRANITE: biotite monzogranite; filed oguigranular to prophyritic; common mafic xenoliths; weakly metamorphosed </td
3350-3335 Ma <3335 Ma c. 3335 Ma	Kelly Group		AKEe-mbra AKEe-ford	netamorphosed	AEMco-gge Granodiorite to syenogranite; medium grained, equigranular; weakly metamorphosed AEMco-gmlp Leucogranite; minor biotite, hornblende, and muscovite; feldspar porphyritic to coarse grained; weakly metamorphosed AEMtr-ggp TRIBERTON GRANDOIORTE: feldspar-porphyritic biotite-hornblende granodiorite to tonalite; medium to coarse grained; common mafic xenoliths; minor porphyritic monzogranite; weakly metamorphosed AEMtr-ggp TRIBERTON GRANDOIORTE: feldspar-porphyritic biotite-hornblende granodiorite to tonalite; medium to coarse grained; common mafic xenoliths; minor porphyritic monzogranite; weakly metamorphosed AEMtr-gmhi Hornblende monzogranite with abundant amphibolite xenoliths; weakly metamorphosed
<3426 Ma		_	AKEe-bbo Pillowed basalt; includes local massive basalt, dolerite, and komatilitic basalt; metamorphosed AKEe-bbo Pillowed basalt; includes local massive basalt, dolerite, and komatilitic basalt; metamorphosed APIs-xs-c APIs-zc APIs-cc APIs-fnvz APIs-kdz APIs-zc APIs-cc APIs-fnvz APIs-kdz APIs-zc APIs-cc APIs-kdz APIs-kdz APIs-zc APIs-kdz APIs-cc APIs-kdz APIs-zc APIs-kdz APIs-kdz APIs-kdz APIs-zc APIs-cc APIs-kdz APIs-kdz APIs-zc APIs-kdz APIs-kdz APIs-kdz APIs-kdz White, grey, and blue-black layered chert; mainly silicified carbonate rocks, local sandstone and felsic volcaniclastic rocks; locally stromatolitic; metamorphosed APIs-kdz White, grey, and blue-black layered chert after dolomite; locally stromatolitic; metamorphosed APIs-kdz White, grey, and blue-black layered chert after dolomite; locally stromatolitic; metamorphosed	eu	
3449–3427 Ma ^{6.10} c. 3432 Ma 3433–3430 Ma	da o Giodae o suosi i	Salgash Subgroup	Warnawoona event (3430–3410 Ma) AWA-mwa Amphibolite derived from mafic intrusive or extrusive rock AWAp-ccb AWAp-stq AWAp-fnc AWAp-fnv AWAp-fnt AWAp-frp AWAp-fnc AWAp-fnv AWAp-fnt AWAp-fnt AWAp-frp AWAp-fnc AWAp-fnv AWAp-fnt AWAp-fnt AWAp-frp AWAp-fnc AWAp-fnv AWAp-fnt	. 3427 Ma . 3451 Ma ¹¹	ATAbo-mgtATA-mgmiATA-gmiATAbo-mgtBOOKARGEMOONA TONALITE: meta biotite tonalite; foliated to gneissic; local xenoliths of amphiboliteATA-mgmiMeta hornblende monzogranite and metagranodiorite; migmatitic, and locally porphyritic with plagioclase phenocrystsATA-mgmiSchlieric, foliated leucocratic metamonzogranite and local diatexite; as sheets in tonalitic orthogneiss (Callina Supersuite)ATA-gmlLeucocratic monzogranite; inequigranular, medium to coarse grained; varies from homogeneous to schlieric-textured, locally gneissic; metamorphosed
3471–3463 Ma ^{6,7}	Warrawoona Group	Coongan Subgroup	AWAd-f AWAd-mfc AWAd-mfs AWAd-xmfc-mb AWAd-f AWAd-mfc AWAd-mfs AWAd-xmfc-mb AWAd-f DUFFER FORMATION: felsic volcanic rock: local basalt, chert, and felsic schist; metamorphosed c. : AWAd-f DUFFER FORMATION: felsic volcanic rock: local basalt, chert, and felsic schist; metamorphosed ak AWAd-mfc Porphyritic metarhyodacite sill; quartz-sericite rock ak AWAd-mfs Felsic schist derived from felsic volcanic rocks c. : AWAd-mfs Felsic schist derived from felsic volcanic rocks c. : AWAd-mfs Felsic schist derived from felsic volcanic rocks c. : AWAd-mfs Felsic schist derived from felsic volcanic rocks c. : AWAd-mfs Felsic schist derived from felsic volcanic rocks c. : AWAd-cei Ferruginous chert and minor banded inon-formation; local felsic volcaniclastic rocks; metamorphosed 34 AWAd-ff Massive rhyolite; mainly in sills; metamorphosed 34 AWAd-ff AWAm-od AWAm-bb AWAm-bb	2 3462 Ma 3468 Ma ¹¹ Subsecting 468-3451 Ma ¹¹ Subsecting 3468 Ma 469-3467 Ma ¹²	ACL-mgiaACL-mgtiACL-mgtnACLns-mgta+ + + + + + + + + + + + + + + + + + +
3470–3469 Ma c. 3477 Ma >3490 Ma ¹³		Talga Talga Subgroup	MOUNT ADA BASALT AWAm-oc Chert; metamorphosed AWAm-od Dolerite and local gabbor; metamorphosed AWAm-bb Basalt; generally massive, but locally pillowed; local dolerite sills; metamorphosed AWAm-bb Pillow basalt; local massive basalt and dolerite sills; metamorphosed AWAm-bb Pillow basalt; local massive and pillowed lavas; local pyroxene spinifex texture; metamorphosed AWAm-bk Komatitic basalt, massive and pillowed lavas; local pyroxene spinifex texture; metamorphosed AWAh-mbms AWAh-mbk AWAh-mbms AWAh-mbk Mafic schist derived from komatitic basalt; carbonatetremolitechlorite rock. AWAh-cc Mafic schist derived from komatitic basalt; carbonatetremolitechlorite rock. AWAh-mbk Carbonate-altered mafic volcanic rock and derived mafic schist. AWAh-cc AWAh-mb AWAn-mb AWAh-cc AWAh-mb AWAn-mb AWAn-mc AWAn-mb AWAn-mbk AWAn-mbms AWAh-cc AWAn-mb AWAn-mbo AWAn-mbk AWAn-mbms AWAh-cc AWAn-mb AWAn-mbo AWAn-mbk AWAn-mbms AWAh-cc AWAn-mb AWAn-mbo AWAn-mbk AWAn-mbms A		

AWAn-mb

AWAn-mba

AWAn-mbk

AWAn-mbms

AWAn-cci

Metabasalt and metadolerite; local pillow structures

Medium-grained, foliated amphibolite and amphibolite schist

Carbonate-altered mafic volcanic rock and derived mafic schist

Mafic schist derived from komatiitic basalt; carbonate-tremolite-chlorite rock

Layered chert and granular or banded iron-formation, with local quartz sandstone; metamorphosed





