

denotes mangroves Qca Mud, clay, silt: intertidal marine alluvium; Clay, mud, silt: seasonally inundated black soil plain Oct Sand, silt clay: sediments deposited by unconcentrated surface run off, colluvium Qa Gravel, sand, silt, clay: creek and river alluvium Sand, shelly sand, coral fragments: coastal sand ridges, cheniers Qs Claystone, sandstone, clayey sandstone rubble: talus and scree Sand, shells, coral fragments and limonite pisolites in a calcareous cement: beach rock Qcb Soil, rubble, sand: regolith obscuring bedrock Unconsolidated sand, clayey sand, ferruginous clayey sand, soil, commonly containing limonite pisolites Czs Nodular, concretionary, pisolitic and vermicular motted laterite: ferricrete: in situ and reworked remnants of standard laterite profile Bathurst Island Formation Darwin Member Radiolarian claystone; sandy claystone; clayey sandstone; quartz-sandstone; ferruginous sandstone; glauconitic sandstone basal conglomerate Phosphorite nodules (See section F-G) Siltstone; shale; sandstone (quartz arenite, sublitharenite); quartz-pebble conglomerate; metamorphosed to lower greenschist facies Burrell Creek Formation Farruginous siltstone; siltstone and shale, in places carbonaceous and/or silicified; pyritic carbonaceous shale, in places silicified; minor chert-banded silisione; carbonate rocks; metamorphosed to lower greenschist facies Wildman Siltstone Silstone, in places colour-banded; silty sandstone (quartz arenite, sublitharenite) with minor colour banding, minor quartzite; metamorphosed to lower greenschist facies Acacia Gap Quartzite Member Quartzite, commonly pyritic; sandstone with interbedded siltstone; metamorphosed to lower greenschist facies

SOURCE: NT Department of Mines and Energy, 1:100 Geological Map Series Sheet 5073 Darwin

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Department of Infrastructure, Planning and Environment DARWIN WATERFRONT PROJECT

GEOLOGY OF THE DARWIN AREA

Figure 5.5

