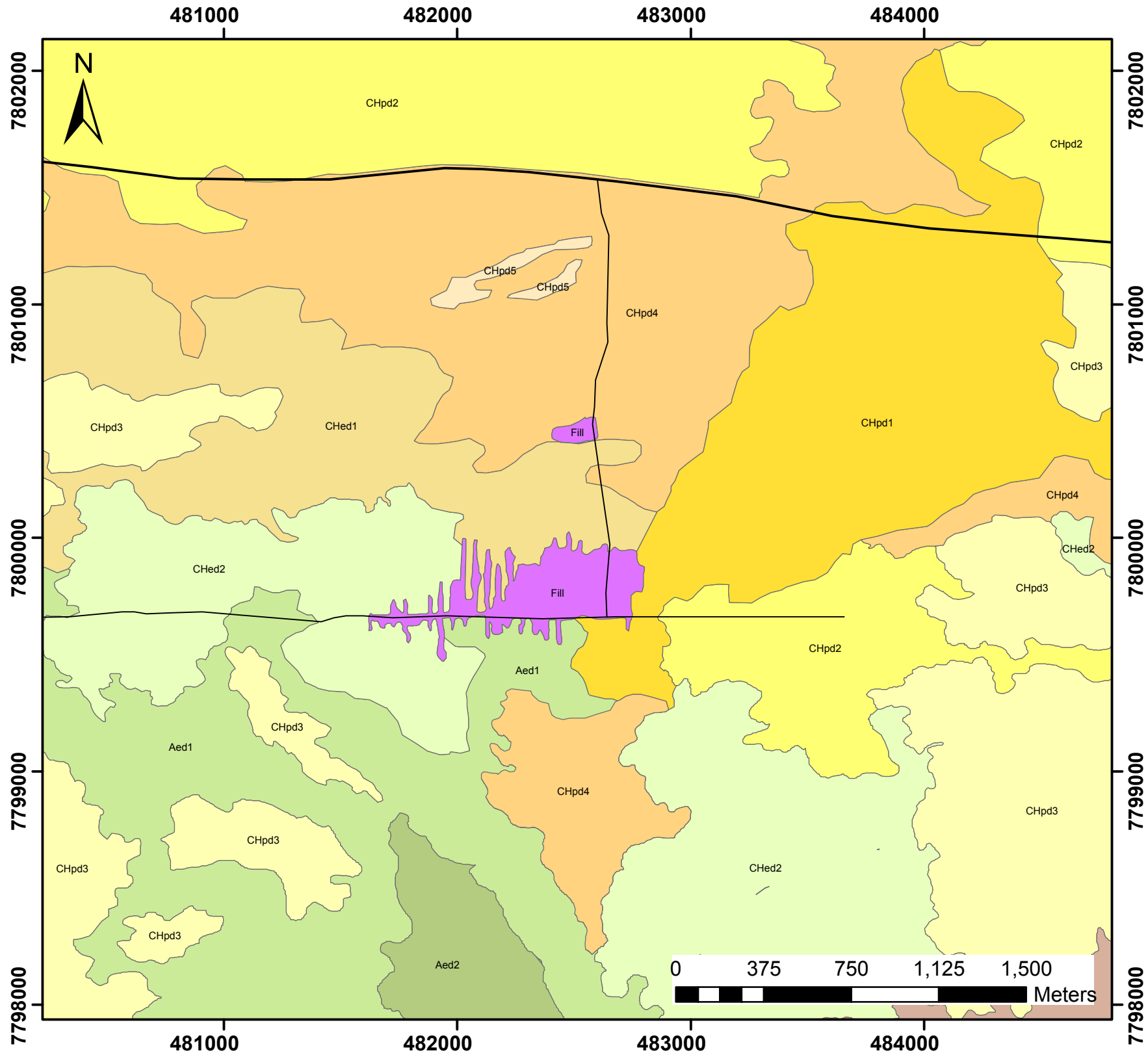


Regolith-Landform Map of the Coyote Au-Deposit, Western Australia.

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Regolith-Landform Units

Colluvial Sediments

Colluvial Sheetwash Depositional Plains

- CHpd1** - Moderately sorted fine to medium quartzose sands with up to 70% Fe lag, rounded and polished, plus quartz and lithic clasts (5-15 cm) . Depositional plain dominated by shallow overland flow. Open woodland of *Corymbia opaca*, *Eucalyptus leucophloia*, and *Eucalyptus gamophylla*, and *Triodia pungens* grass. Abundant termitaria, dominated by both *Drepanotermes rubriceps* and *Amitermes vitiosus*.
- CHpd2** - Moderately sorted fine to coarse quartzose sands with up to 50% Fe lag, rounded and polished, plus quartz and lithic clasts (5-15 cm) and exposed indurated ferruginised gravels. Depositional plain dominated by shallow overland flow. Open woodland of *Corymbia opaca*, *Eucalyptus leucophloia*, and *Eucalyptus gamophylla*, with an *Acacia* spp. understory, and *Triodia pungens* hummocky grass. Abundant termitaria, dominated by *Drepanotermes rubriceps*.
- CHpd3** - Well sorted fine to medium quartzose sands with up to 20% Fe lag, rounded and polished, and increasing silt content. Depositional plain dominated by shallow overland flow. Open woodland of *Eucalyptus leucophloia*, with an *Acacia* spp. understory, and *Triodia pungens* hummocky grass. Abundant termitaria, dominated by *Drepanotermes rubriceps*, with scattered *Amitermes vitiosus*.
- CHpd4** - Fine to medium sand with up to 50% Fe lag, sub-rounded and polished. Low-lying depositional plain dominated by shallow overland flow. Hummocky-grassland dominated by *Triodia pungens* with *Acacia* spp, including *Acacia pruinosa*, *Acacia hilliana* and *Acacia adoxa*. Scattered *Corymbia opaca*, *Eucalyptus leucophloia*, and *Eucalyptus pachyphylla*. Abundant termitaria, dominated by *Drepanotermes rubriceps* but *Amitermes vitiosus* also common.
- CHpd5** -Moderately sorted fine to very coarse sand with very coarse to boulder-size lithic and quartz clasts, as well as fe-lag. Depositional plain sitting higher than the surrounding sheetwash units, affected by both shallow overland flow and localised overturning of the soil due to burrowing and treefall. Open woodland of *Eucalyptus leucophloia*. Abundant termitaria constructed by *Drepanotermes rubriceps*.

Colluvial Sheetwash Drainage Depressions

- CHed1** - Moderately sorted fine to very fine sand, with minor fe and quartz lag. Ephemeral drainage depression acted upon by shallow overland flow. Open woodland of *Eucalyptus leucophloia* and *Acacia coriacea*, with hummocky grassland understory (*Triodia pungens* and other grasses) and scattered *Acacia* spp. shrubs. Abundant termitaria, dominated by *Amitermes*
- CHed2** - Moderately to well-sorted fine to very fine sand, with minor fe and quartz lag. Ephemeral drainage depression acted upon by shallow overland flow. Open woodland *Eucalyptus leucophloia* and *Acacia coriacea*, with hummocky grassland understory (*Triodia pungens* and other grasses) and scattered *Acacia* spp. shrubs. Abundant termitaria, dominated by *Amitermes vitiosus*.

Alluvial Sediments

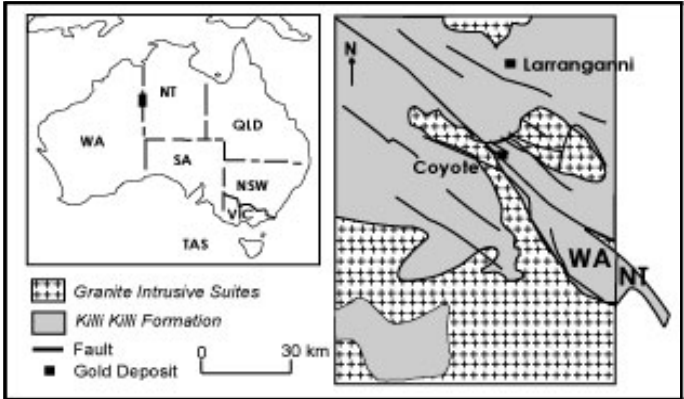
Alluvial drainage depressions

- Aed1** - Well sorted fine to very fine sands with a minor Aeolian sand, and minor fe-lag. Ephemeral drainage depression dominated by alluvial floodplain processes. Open woodland of *Acacia coriacea*, *Eucalyptus leucophloia*, *Melaluca* spp., and sedge, with *Triodia pungens* forming a hummocky-grassland. Abundant termitaria, dominated by *Amitermes vitiosus* mounds.
- Aed2** - Well sorted fine to very fine sands with a minor Aeolian sand, and minor fe-lag. Ephemeral drainage depression dominated by alluvial floodplain processes. Hummocky-grassland of *Triodia pungens* with *Acacia coriacea*, and scattered *Eucalyptus leucophloia* and sedge. Abundant termitaria, dominated by *Amitermes vitiosus*.

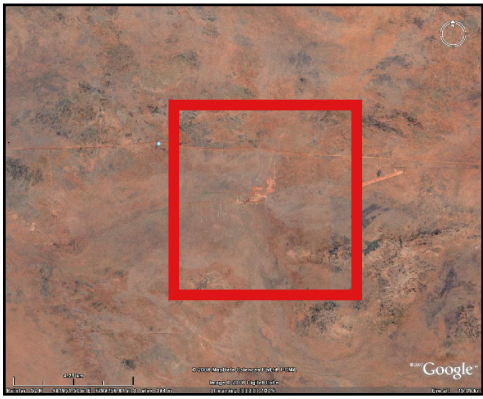
Anthropogenic Unit & Features

- Fill** - Areas of anthropogenic disturbance, where drilling and vehicle tracks have overturned the surface sediments, cleared the vegetation assemblage, and disrupted the colonisation of the area by termites.
- Tanami Track**
- Access Road**

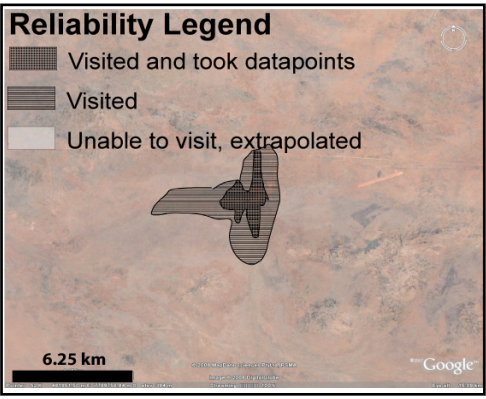
This map was compiled using ArcGIS, and is in the GDA94 z52 UTM projection. A location and geology map, Google-Earth image and reliability diagram of the mapping area is provided (left).



Location and Geology of the Coyote Au-Deposit



Google Earth Image of the mapping area (extend of reliability map outlined in red); Reliability diagram of the mapping area



Reliability diagram of the mapping area