

Appendix 15.

SLR Consulting Australia (2020f) *Rum Jungle Rehabilitation – Stage 2A- Geotechnical Investigation Waste Storage Facilities and Borrow Areas*. Report to the Department of Mines and Energy, Northern Territory. PART B

DEPARTMENT OF
PRIMARY INDUSTRY
AND RESOURCES

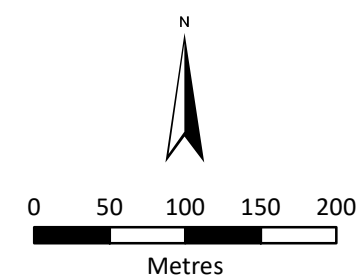
RUM JUNGLE

WASTE STORAGE FACILITY
EXCAVATIBILITY

Legend

- SLR WSF Test Pit
- Waste Storage Facility Area
- Depth of Excavator Refusal (mBGL)
 - 1.00m - 1.50m
 - 1.50m - 2.00m
 - 2.00m - 2.50m
 - 2.50m - 3.00m
 - 3.00m - 3.50m
 - 3.50m - 4.00m
 - 4.00m - 4.50m
 - 4.50m - 5.00m
 - >5.00m

Data Sources:
SLR WSF Test Pit, Proposed Waste Storage Facility, Depth of
Excavator Refusal datasets: SLR Consulting (2019).
Imagery Sources: 12cm resolution Rum Jungle 2018
Orthophoto Imagery dataset: supplied by client (2019).
Coordinate System: GDA 1994 MGA Zone 52
Projection: Transverse Mercator
Datum: GDA 1994
Date: 21-Nov-2019
Author: AJ
Map Ref: 680.10421 - DPIR - Rum Jungle - GIR - Waste
Storage Facility - Excavability - v2



Scale: 1:5,000 at A3



APPENDIX C

Borrow Area A Maps

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AND RESOURCES

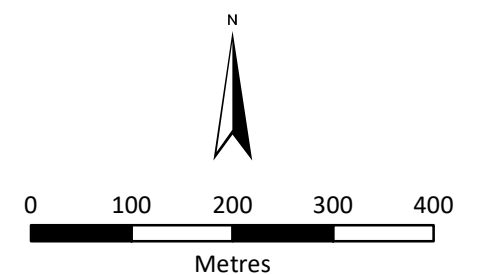
RUM JUNGLE

CLAY BORROW AREA
SITE OVERVIEW

Legend

- ▲ Clay and Growth Medium Borrow Test Pit
- Clay and Growth Medium Borrow Area

Data Sources:
Clay and Growth Medium Borrow Test Pit, and Clay and Growth Medium Borrow Area datasets: SLR Consulting (2019).
Imagery Sources: 12cm resolution Rum Jungle 2018 Orthophoto Imagery dataset: supplied by client (2019).
Coordinate System: GDA 1994 MGA Zone 52
Projection: Transverse Mercator
Datum: GDA 1994
Date: 20-Nov-2019
Author: AJ
Map Ref: 680.10421 - DPIR - Rum Jungle - GIR - Clay Borrow Area - Site Overview - v2



Scale: 1:7,500 at A3



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AND RESOURCES

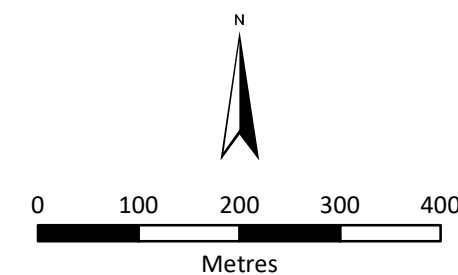
RUM JUNGLE

CLAY BORROW AREA
SITE TOPOGRAPHY

Legend

- ▲ Clay and Growth Medium Borrow Test Pit
- Contour (mAHD)
- Clay and Growth Medium Borrow Area

Data Sources:
Clay and Growth Medium Borrow Test Pit, 1 metre Contour (mAHD), and Clay and Growth Medium Borrow Area datasets: SLR Consulting (2019).
Imagery Sources: 12cm resolution Rum Jungle 2018 Orthophoto Imagery dataset: supplied by client (2019).
Coordinate System: GDA 1994 MGA Zone 52
Projection: Transverse Mercator
Datum: GDA 1994
Date: 20-Nov-2019
Author: AJ
Map Ref: 680.10421 - DPIR - Rum Jungle - GIR - Clay Borrow Area - Site Topography - v2



Scale: 1:7,500 at A3



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AND RESOURCES

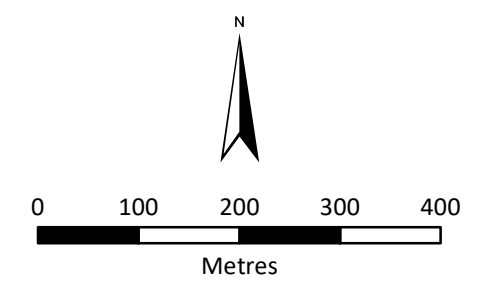
RUM JUNGLE

CLAY BORROW AREA
GEOLOGY

Legend

- ▲ Clay and Growth Medium Borrow Test Pit
- ▭ Clay and Growth Medium Borrow Area
- - Geological Fault
- Surface Geology (1:1M)**
- Paleoproterozoic**
- Coomalie Dolostone (Lmpc)
- Whites Formation (Lspi)
- Archean**
- Rum Jungle Complex (Axr)

Data Sources:
Clay and Growth Medium Borrow Test Pit, and Clay and Growth Medium Borrow Area datasets: SLR Consulting (2019); Surface Geology of Australia 1:1M 2012 dataset: © Commonwealth of Australia (Geoscience Australia) 2019.
Imagery Sources: 12cm resolution Rum Jungle 2018 Orthophoto Imagery dataset: supplied by client (2019).
Coordinate System: GDA 1994 MGA Zone 52
Projection: Transverse Mercator
Datum: GDA 1994
Date: 20-Nov-2019
Author: AJ
Map Ref: 680.10421 - DPIR - Rum Jungle - GIR - Clay Borrow Area - Geology - v2



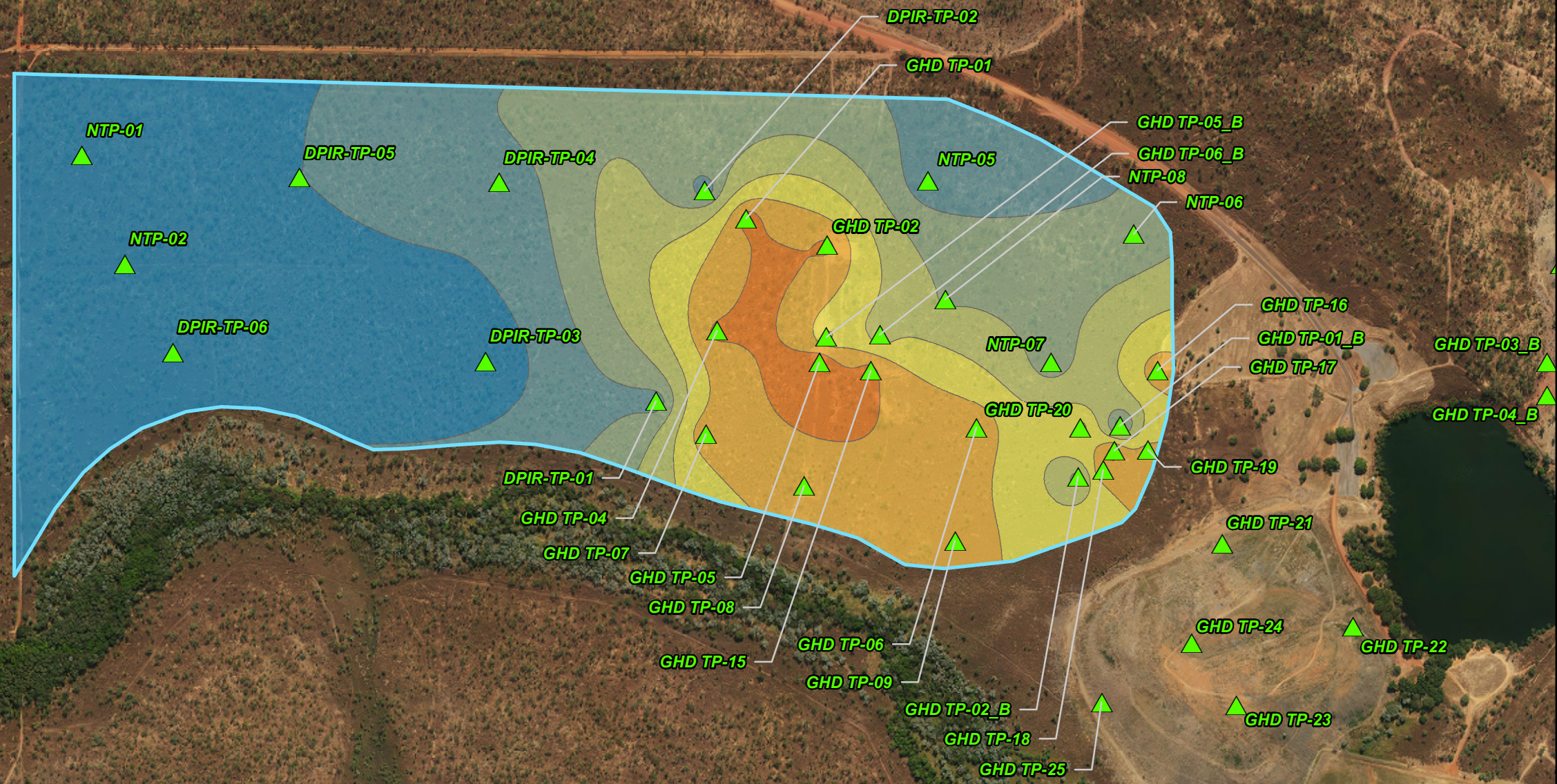
Scale: 1:7,500 at A3



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RUM JUNGLE

CLAY BORROW AREA
EXCAVATIBILITY



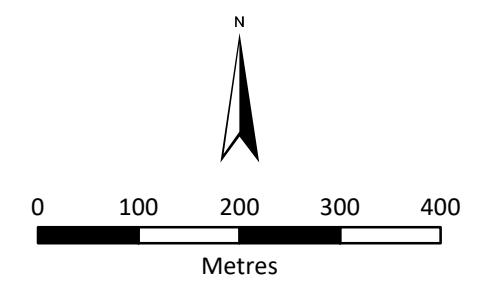
Legend

- ▲ Clay and Growth Medium Borrow Test Pit
- Clay and Growth Medium Borrow Area

Depth of Excavator Refusal (mBGL)

- 1.00m - 1.50m
- 1.50m - 2.00m
- 2.00m - 2.50m
- 2.50m - 3.00m
- 3.00m - 3.50m
- 3.50m - 4.00m
- 4.00m - 4.50m
- 4.50m - 5.00m
- >5.00m

Data Sources:
Clay and Growth Medium Borrow Test Pit, Depth of Excavator Refusal, and Clay and Growth Medium Borrow Area datasets: SLR Consulting (2019).
Imagery Sources: 12cm resolution Rum Jungle 2018 Orthophoto Imagery dataset: supplied by client (2019).
Coordinate System: GDA 1994 MGA Zone 52
Projection: Transverse Mercator
Datum: GDA 1994
Date: 20-Nov-2019
Author: AJ
Map Ref: 680.10421 - DPIR - Rum Jungle - GIR - Clay Borrow Area - Excavability - v2



Scale: 1:7,500 at A3



APPENDIX D

Borrow Area B Maps

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PRIMARY INDUSTRY
AND RESOURCES

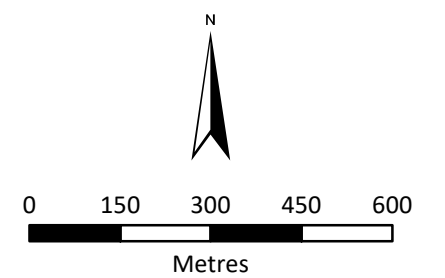
RUM JUNGLE

GRANULAR MATERIALS
BORROW AREA
SITE OVERVIEW

Legend

-  SLR Granular Materials Borrow Test Pit
-  Granular Materials Borrow Area

Data Sources:
SLR Granular Materials Borrow Test Pit, and Granular
Materials Borrow Area datasets: SLR Consulting (2019).
Imagery Sources: 12cm resolution Rum Jungle 2018
Orthophoto Imagery dataset: supplied by client (2019).
Coordinate System: GDA 1994 MGA Zone 52
Projection: Transverse Mercator
Datum: GDA 1994
Date: 20-Nov-2019
Author: AJ
Map Ref: 680.10421 - DPIR - Rum Jungle - GIR -
Granular Material Borrow Area - Site Overview - v2



Scale: 1:12,500 at A3

