

Appendix 26.

SLR Consulting Australia (2020q) *Borrow Area Drawings*.
Issued to the Department of Primary Industry and Resources,
Northern Territory.



BORROW AREA 'A' SETOUT POINT TABLE

SOP REF	EASTING	NORTHING	ELEVATION	SOP REF	EASTING	NORTHING	ELEVATION	SOP REF	EASTING	NORTHING	ELEVATION	SOP REF	EASTING	NORTHING	ELEVATION	SOP REF	EASTING	NORTHING	ELEVATION
SOP 1	715,535.39	8,557,461.67	67.65	SOP 11	714,658.35	8,557,415.61	65.39	SOP 21	714,894.79	8,558,035.60	71.37	SOP 31	715,884.01	8,558,008.29	81.02	SOP 41	715,998.78	8,557,642.05	76.23
SOP 2	715,451.83	8,557,512.79	67.20	SOP 12	714,622.46	8,557,423.56	66.27	SOP 22	714,993.71	8,558,032.87	71.84	SOP 32	715,980.51	8,557,993.59	81.97	SOP 42	715,911.31	8,557,676.94	75.68
SOP 3	715,355.21	8,557,509.88	66.00	SOP 13	714,622.67	8,557,522.52	66.20	SOP 23	715,092.63	8,558,030.14	72.57	SOP 33	716,070.96	8,557,953.61	82.14	SOP 43	715,864.81	8,557,750.22	76.42
SOP 4	715,257.39	8,557,520.61	66.00	SOP 14	714,622.88	8,557,621.48	65.42	SOP 24	715,191.55	8,558,027.40	73.23	SOP 34	716,156.73	8,557,904.31	84.74	SOP 44	715,814.65	8,557,833.84	76.72
SOP 5	715,159.34	8,557,533.92	65.75	SOP 15	714,623.09	8,557,720.44	66.00	SOP 25	715,290.48	8,558,024.67	73.50	SOP 35	716,241.53	8,557,853.31	85.16	SOP 45	715,721.56	8,557,861.46	75.63
SOP 6	715,064.88	8,557,545.72	65.12	SOP 16	714,623.30	8,557,819.40	66.35	SOP 26	715,389.40	8,558,021.94	73.56	SOP 36	716,270.14	8,557,762.77	83.39	SOP 46	715,644.47	8,557,842.18	74.15
SOP 7	714,973.99	8,557,579.96	65.27	SOP 17	714,623.51	8,557,918.36	67.60	SOP 27	715,488.32	8,558,019.21	74.48	SOP 37	716,271.51	8,557,663.82	81.97	SOP 47	715,617.20	8,557,747.05	72.16
SOP 8	714,877.98	8,557,587.46	65.26	SOP 18	714,623.72	8,558,017.32	68.41	SOP 28	715,587.24	8,558,016.48	75.63	SOP 38	716,264.67	8,557,565.42	80.40	SOP 48	715,589.93	8,557,651.92	70.57
SOP 9	714,789.66	8,557,548.61	65.09	SOP 19	714,696.95	8,558,041.06	69.07	SOP 29	715,686.16	8,558,013.75	77.60	SOP 39	716,185.36	8,557,576.05	78.86	SOP 49	715,562.66	8,557,556.80	68.70
SOP 10	714,703.56	8,557,500.28	65.13	SOP 20	714,795.87	8,558,038.33	70.27	SOP 30	715,785.09	8,558,011.02	79.39	SOP 40	716,092.30	8,557,609.73	77.50				

LEGEND

	EXISTING CONTOURS (1m INTERVALS)
	RIPARIAN EXCLUSION ZONE
	BORROW AREA FOOTPRINT
	MATERIAL ZONE BORDER
	EXCAVATION CONTOURS (0.5m INTERVALS)

BORROW VOLUMES REQUIRED

MATERIAL TYPE	VOLUME (m³)
CLAYS	450,000
GROWTH MEDIUM	1,600,000
TOTAL	2,050,000

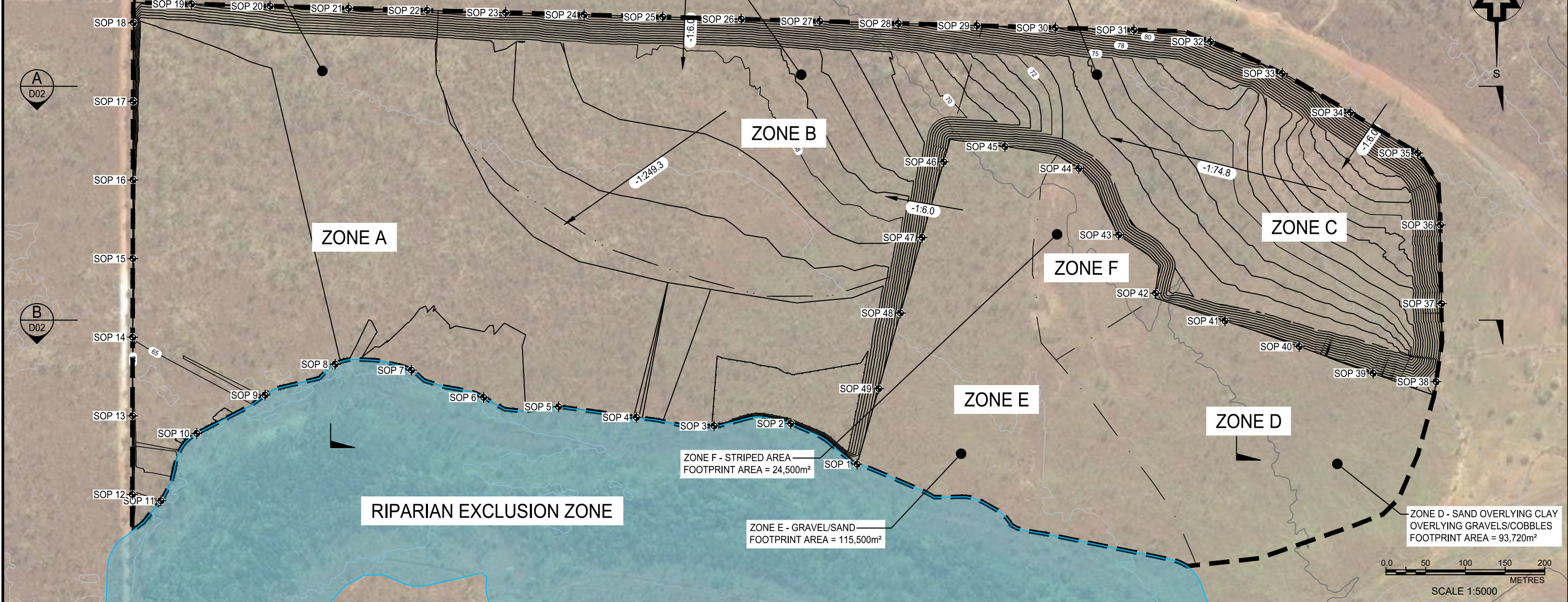
BORROW VOLUMES ACHIEVED

MATERIAL TYPE	VOLUME (m³)
CLAYS	450,000
GROWTH MEDIUM	1,487,375
TOTAL	1,937,375

ZONE A - PREDOMINANTLY CLAY AND SILT
 FOOTPRINT AREA = 344,500m²
 MAX. EXCAVATION DEPTH = ~5.5m
 AVE. EXCAVATION DEPTH = ~2m
 TOTAL EXCAVATION VOLUME = 450,000m³
 CLAY VOLUME = 450,000m³

ZONE B - SAND OVERLYING CLAY
 FOOTPRINT AREA = 180,350m²
 MAX. EXCAVATION DEPTH = ~6.5m
 AVE. EXCAVATION DEPTH = ~4m
 TOTAL EXCAVATION VOLUME = 781,650m³
 GROWTH MEDIUM VOLUME = 781,650m³

ZONE C - SAND OVERLYING CLAY/SILT
 FOOTPRINT AREA = 164,500m²
 MAX. EXCAVATION DEPTH = ~7m
 AVE. EXCAVATION DEPTH = ~4.5m
 TOTAL EXCAVATION VOLUME = 705,725m³
 GROWTH MEDIUM VOLUME = 705,725m³



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AMENDMENTS				
Plot Date: 09/06/2020				

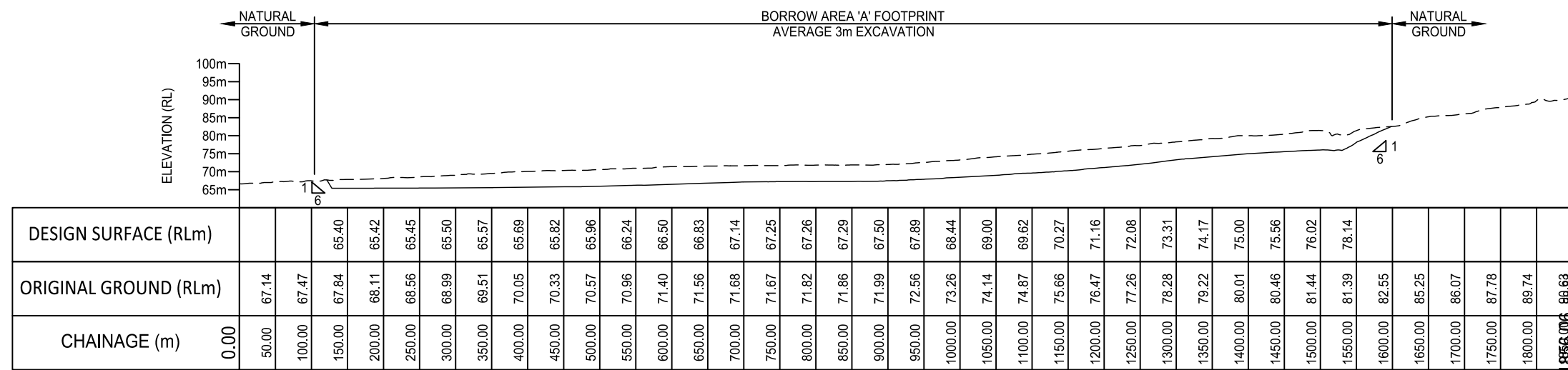
UNIT 5 / 21 PARAP ROAD
 DARWIN
 NT 0820
 AUSTRALIA
 T: 61 8 8998 0100
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DRAWN J Mugford DATE: 11/06/2020	CHECKED D OToole DATE: 11/06/2020
DESIGNED B Tarrant DATE: 11/06/2020	CHECKED D OToole DATE: 11/06/2020
DESIGN PROJECT LEADER D OToole DATE: 11/06/2020	NTG PROJECT MANAGER J Hartnett DATE: 11/06/2020

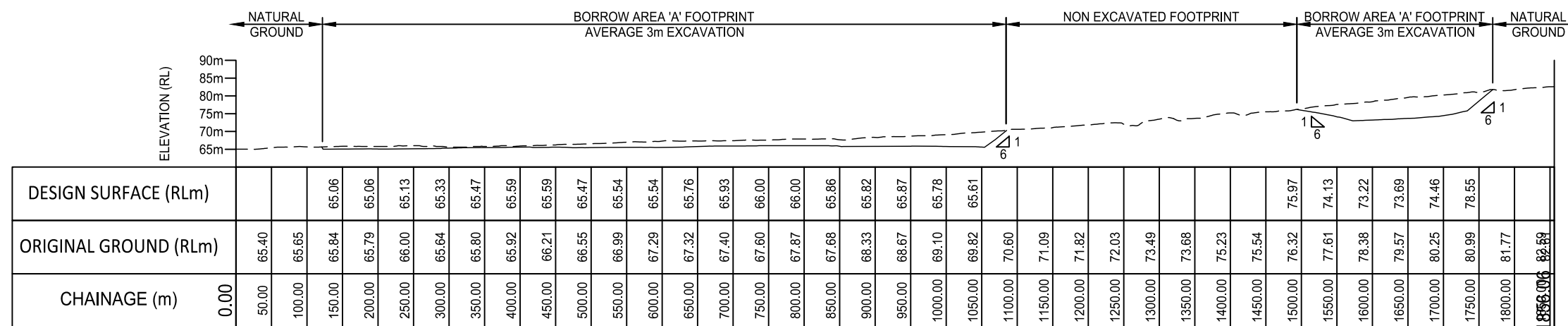
Northern Territory Government

RUM JUNGLE REHABILITATION STAGE 2A DETAILED ENGINEERING DESIGN					
BORROW AREA 'A' COOMALIE COUNCIL FREE-HOLD MATERIAL TYPES PLAN					
NTG PROJECT No. N/A	NTG ASSET No. N/A	SHEET No. 01 of 04	NTG DRAWING No. 680.10421.BOR.D01	AMENDMENT 1	SHEET SIZE A3

LEGEND	
	EXISTING GROUND PROFILE
	DESIGN PROFILE

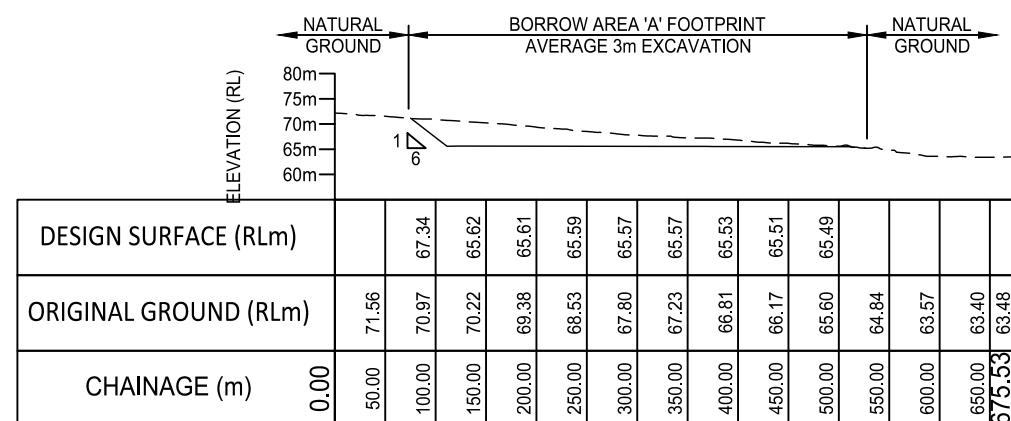


A-A - SECTION SECTION 1 D01
SCALE 1:7500

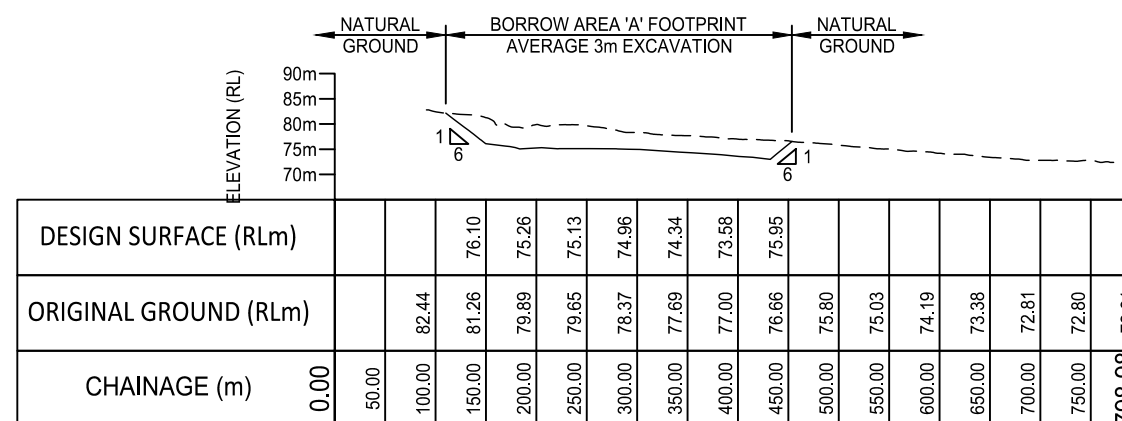


B-B - SECTION SECTION B D01
SCALE 1:7500

NOTE:
ALL SECTIONS SHOW A 5x EXAGGERATED VERTICAL SCALE



C-C - SECTION SECTION C D01
SCALE 1:7500



D-D - SECTION SECTION D D01
SCALE 1:7500

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No.	DESCRIPTION	DATE	INIT.	DEPT./COMPANY
1	ISSUED FOR IMPLEMENTATION	11/06/20	JM	SLR
AMENDMENTS				
Plot Date: 09/06/2020				



UNIT 5 / 21 PARAP ROAD
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DRAWN J Mugford DATE: 11/06/2020	CHECKED D OToole DATE: 11/06/2020
DESIGNED B Tarrant DATE: 11/06/2020	CHECKED D OToole DATE: 11/06/2020
DESIGN PROJECT LEADER D OToole DATE: 11/06/2020	NTG PROJECT MANAGER J Hartnett DATE: 11/06/2020



RUM JUNGLE REHABILITATION STAGE 2A DETAILED ENGINEERING DESIGN				
BORROW AREA 'A' COOMALIE COUNCIL FREE-HOLD TYPICAL SECTIONS				
NTG PROJECT No.	NTG ASSET No.	SHEET No.	NTG DRAWING No.	AMENDMENT SHEET SIZE
N/A	N/A	02 of 04	680.10421.BOR.D02	1 A3



SITE HAULAGE ROAD
REFER DRAWING SERIES 'HR'
FOR DETAILS
(HAUL ROAD DRAWINGS
BY MEC MINING)

LEGEND

	EXISTING CONTOURS (1m INTERVALS)
	RIPARIAN EXCLUSION ZONE
	BORROW AREA FOOTPRINT
	EXCAVATION CONTOURS (0.5m INTERVALS)

BORROW VOLUMES REQUIRED		BORROW VOLUMES ACHIEVED	
MATERIAL TYPE	VOLUME (m ³)	MATERIAL TYPE	VOLUME (m ³)
GROWTH MEDIUM	1,600,000	GROWTH MEDIUM	2,076,100
CLEAN SAND	98,800	CLEAN SAND	98,800
CLEAN CAP	155,850	CLEAN CAP	155,850
TOTAL	1,854,650	TOTAL	2,330,750

**BORROW AREA 'B' ZONE 1
SETOUT POINT TABLE**

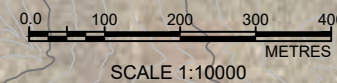
SOP REF	EASTING	NORTHING	ELEVATION
SOP 1	717,581.73	8,560,989.55	77.30
SOP 2	717,486.24	8,560,993.46	79.42
SOP 3	717,435.73	8,561,080.94	81.41
SOP 4	717,385.23	8,561,168.42	80.92
SOP 5	717,330.05	8,561,252.43	78.74
SOP 6	717,391.95	8,561,321.93	78.17
SOP 7	717,465.60	8,561,391.06	78.71
SOP 8	717,539.26	8,561,460.19	78.97
SOP 9	717,612.92	8,561,529.31	79.10
SOP 10	717,686.57	8,561,598.44	79.52
SOP 11	717,760.23	8,561,667.57	79.84
SOP 12	717,833.89	8,561,736.69	79.16
SOP 13	717,907.54	8,561,805.82	78.25
SOP 14	717,981.20	8,561,874.95	77.53
SOP 15	718,054.86	8,561,944.08	76.99
SOP 16	718,130.62	8,561,987.21	76.08
SOP 17	718,217.08	8,561,939.46	73.05
SOP 18	718,318.10	8,561,939.46	71.19
SOP 19	718,419.11	8,561,939.46	68.20
SOP 20	718,415.16	8,561,868.34	67.48
SOP 21	718,373.55	8,561,776.69	67.58
SOP 22	718,319.70	8,561,691.29	68.17
SOP 23	718,279.00	8,561,599.47	68.96
SOP 24	718,219.83	8,561,525.29	70.29
SOP 25	718,202.05	8,561,427.26	70.50
SOP 26	718,153.07	8,561,341.76	70.91
SOP 27	718,090.68	8,561,262.60	71.02
SOP 28	718,021.10	8,561,189.36	71.69
SOP 29	717,925.50	8,561,157.72	72.82
SOP 30	717,827.89	8,561,133.28	74.04
SOP 31	717,751.39	8,561,078.97	74.82
SOP 32	717,677.35	8,561,022.09	75.52

BORROW AREA 'B' ZONE 2 SETOUT POINT TABLE

SOP 33	717,828.02	8,560,185.45	91.40	SOP 64	718,704.43	8,561,264.93	76.93
SOP 34	717,805.69	8,560,282.91	84.00	SOP 65	718,737.44	8,561,170.56	75.99
SOP 35	717,783.37	8,560,380.36	83.93	SOP 66	718,770.46	8,561,076.18	73.88
SOP 36	717,761.04	8,560,477.82	84.36	SOP 67	718,795.24	8,560,985.03	72.23
SOP 37	717,729.71	8,560,571.73	83.28	SOP 68	718,702.71	8,560,988.42	73.38
SOP 38	717,679.72	8,560,658.32	82.27	SOP 69	718,603.07	8,560,996.72	74.46
SOP 39	717,629.73	8,560,744.90	79.13	SOP 70	718,505.88	8,560,978.09	75.22
SOP 40	717,622.61	8,560,831.62	77.01	SOP 71	718,422.20	8,560,930.68	75.97
SOP 41	717,694.15	8,560,888.57	75.64	SOP 72	718,361.74	8,560,852.10	76.97
SOP 42	717,772.21	8,560,860.74	75.22	SOP 73	718,338.84	8,560,754.78	75.79
SOP 43	717,860.24	8,560,870.15	76.38	SOP 74	718,340.13	8,560,655.25	77.05
SOP 44	717,831.48	8,560,961.88	73.75	SOP 75	718,345.48	8,560,555.41	77.42
SOP 45	717,900.47	8,561,029.83	74.08	SOP 76	718,341.64	8,560,455.52	78.01
SOP 46	717,997.52	8,561,051.54	72.96	SOP 77	718,337.59	8,560,355.62	78.90
SOP 47	718,091.39	8,561,077.82	73.33	SOP 78	718,303.90	8,560,264.88	79.99
SOP 48	718,173.72	8,561,134.49	72.44	SOP 79	718,226.08	8,560,218.24	82.25
SOP 49	718,239.57	8,561,206.73	72.29	SOP 80	718,138.33	8,560,171.53	84.75
SOP 50	718,263.81	8,561,300.82	69.88	SOP 81	718,054.45	8,560,125.72	87.07
SOP 51	718,345.17	8,561,279.64	71.44	SOP 82	718,091.87	8,560,064.73	86.57
SOP 52	718,428.70	8,561,241.79	73.40	SOP 83	718,182.04	8,560,098.70	84.10
SOP 53	718,419.52	8,561,324.75	72.54	SOP 84	718,273.95	8,560,121.88	81.96
SOP 54	718,354.44	8,561,398.31	70.17	SOP 85	718,276.88	8,560,024.28	82.43
SOP 55	718,358.85	8,561,497.49	69.09	SOP 86	718,269.88	8,559,924.55	83.22
SOP 56	718,388.63	8,561,592.78	68.43	SOP 87	718,228.50	8,559,839.69	84.71
SOP 57	718,441.88	8,561,677.37	68.15	SOP 88	718,134.74	8,559,804.96	87.10
SOP 58	718,497.62	8,561,760.32	67.33	SOP 89	718,042.37	8,559,767.38	90.21
SOP 59	718,539.37	8,561,736.78	68.69	SOP 90	717,972.21	8,559,824.93	93.09
SOP 60	718,572.38	8,561,642.41	71.51	SOP 91	717,903.66	8,559,897.71	93.94
SOP 61	718,605.39	8,561,548.04	73.47	SOP 92	717,872.68	8,559,990.55	93.29
SOP 62	718,638.41	8,561,453.67	74.93	SOP 93	717,850.35	8,560,088.00	93.46
SOP 63	718,671.42	8,561,359.30	76.23				

ZONE 1 - SANDY GRAVEL / GRAVELLY SAND
FOOTPRINT AREA = 525,100m²
MAX. EXCAVATION DEPTH = ~3m
AVE. EXCAVATION DEPTH = ~2.7m
TOTAL EXCAVATION VOLUME = 1,443,750m³
GROWTH MEDIUM VOLUME = 1,189,100m³
CLEAN SAND VOLUME = 98,800m³
CLEAN CAP VOLUME = 155,850m³

ZONE 2 - SANDY GRAVEL / GRAVELLY SAND
FOOTPRINT AREA = 896,500m²
MAX. EXCAVATION DEPTH = ~1m
AVE. EXCAVATION DEPTH = ~1m
TOTAL EXCAVATION VOLUME = 887,000m³
GROWTH MEDIUM VOLUME = 887,000m³



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AMENDMENTS				
Plot Date: 11/06/2020				



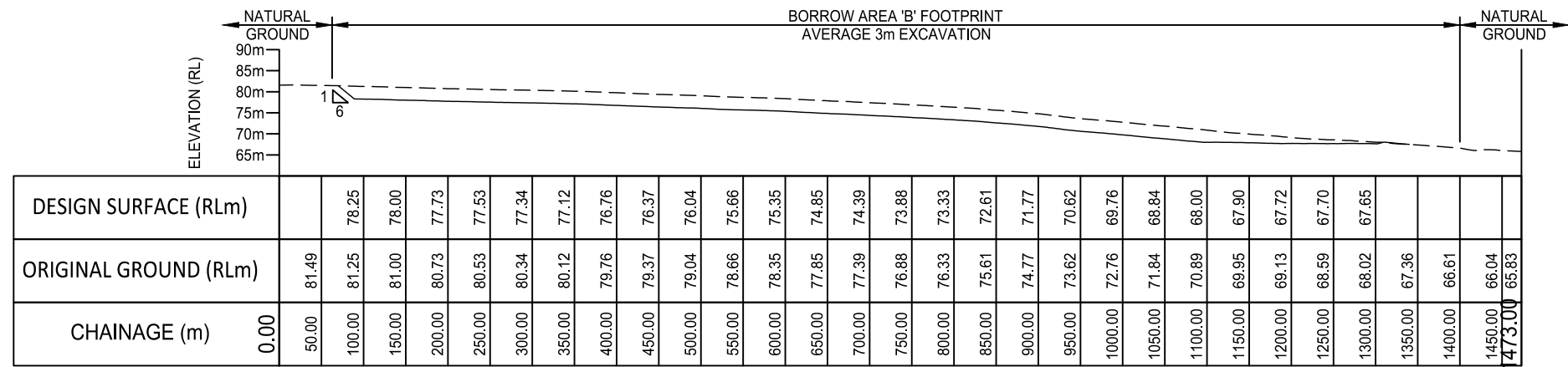
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DRAWN J Mugford DATE: 11/06/2020	CHECKED D OToole DATE: 11/06/2020
DESIGNED B Tarrant DATE: 11/06/2020	CHECKED D OToole DATE: 11/06/2020
DESIGN PROJECT LEADER D OToole DATE: 11/06/2020	NTG PROJECT MANAGER J Hartnett DATE: 11/06/2020



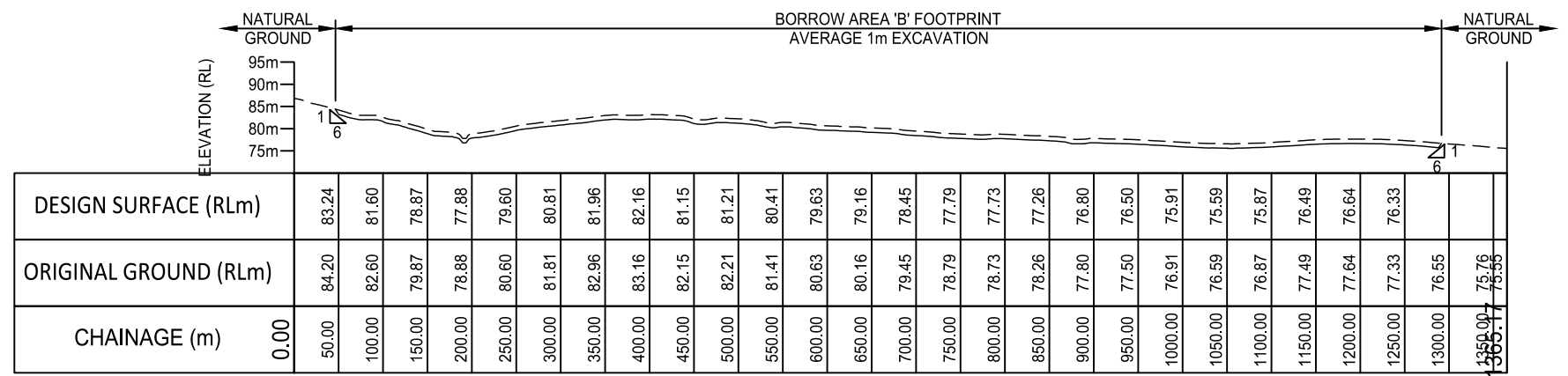
RUM JUNGLE REHABILITATION STAGE 2A DETAILED ENGINEERING DESIGN				
BORROW AREA 'B' - FRLT MATERIAL TYPES PLAN				
NTG PROJECT No.	NTG ASSET No.	SHEET No.	NTG DRAWING No.	AMENDMENT / SHEET SIZE
N/A	N/A	03 of 04	680.10421.BOR.D03	1 / A3

LEGEND	
	EXISTING GROUND PROFILE
	DESIGN PROFILE

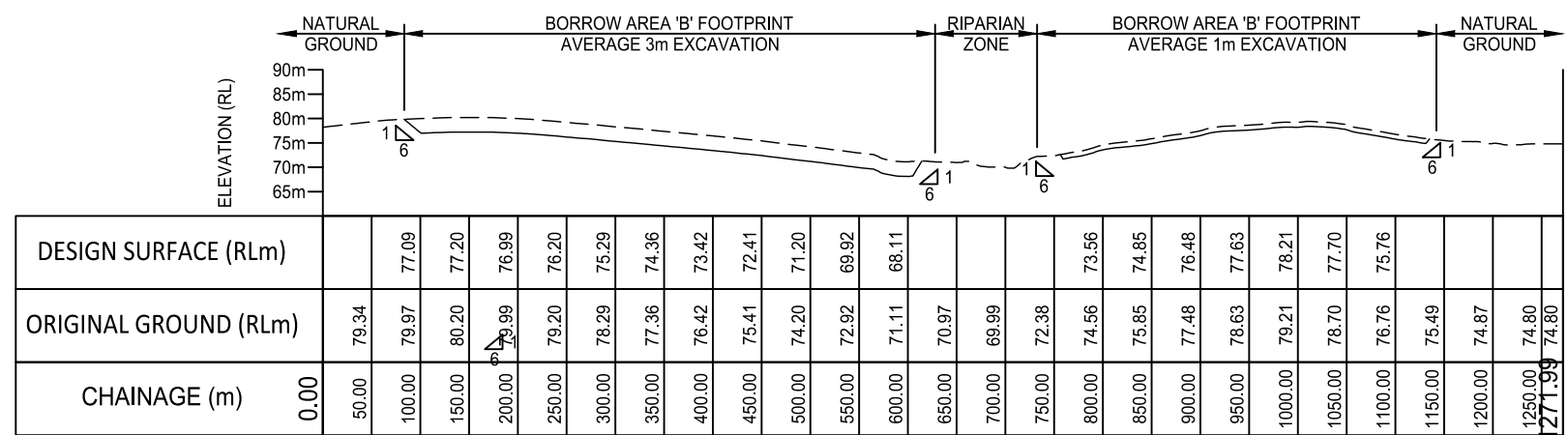


E-E - LONGSECTION SECTION E D03 SCALE 1:7500

NOTE:
ALL SECTIONS SHOW A 5x EXAGGERATED VERTICAL SCALE



F-F - LONGSECTION SECTION F D03 SCALE 1:7500



G-G - LONGSECTION SECTION G D03 SCALE 1:7500

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No.	DESCRIPTION	DATE	INIT.	DEPT/COMPANY
1	ISSUED FOR IMPLEMENTATION	11/06/20	JM	SLR
AMENDMENTS				
Plot Date: 09/06/2020				

UNIT 5 / 21 PARAP ROAD
DARWIN
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DRAWN J Mugford DATE: 11/06/2020	CHECKED D OToole DATE: 11/06/2020
DESIGNED B Tarrant DATE: 11/06/2020	CHECKED D OToole DATE: 11/06/2020
DESIGN PROJECT LEADER D OToole DATE: 11/06/2020	NTG PROJECT MANAGER J Hartnett DATE: 11/06/2020

RUM JUNGLE REHABILITATION STAGE 2A DETAILED ENGINEERING DESIGN				
BORROW AREA 'B' - FRLT TYPICAL SECTIONS				
NTG PROJECT No.	NTG ASSET No.	SHEET No.	NTG DRAWING No.	AMENDMENT
N/A	N/A	04 of 04	680.10421.BOR.D04	1
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