

	ВНРЮ ТО СОМ	MPLETE	BHPIO/REVIEWER TO COMPLETE	DESIGNER/CONTRACTOR TO COMPLETE	Wo
	DRAWING STATUS REVIEW	<u>SIGNED DATE REV</u>	COMPANY BHPIO	COMPANY ADVISIAN	energy chemica APPROVED 07 Dec 23
	INFORMATION ONLY			DESIGNED BY	
	AS BUILT		SIGNED	DRAWN BY	
	CONSTRUCTION MAY PROCEED			CHECKED BY	B
	CONSTRUCTION MAY PROCEED EXCEPT AS NOTED		THIS DRAWING HAS BEEN REVIEWED	DESIGN & HSEC APPROVED BY	
REVISION COMMENT TO INCLUDE PROJECT CODE FOR ALL REVISIONS	REVISE AND RESUBMIT		FOR GENERAL COMPLIANCE TO SCOPE AND COMPANY STANDARDS		SCALE

 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I
 I

#### NOTES

1. ALL UNITS IN METRES U.N.O.

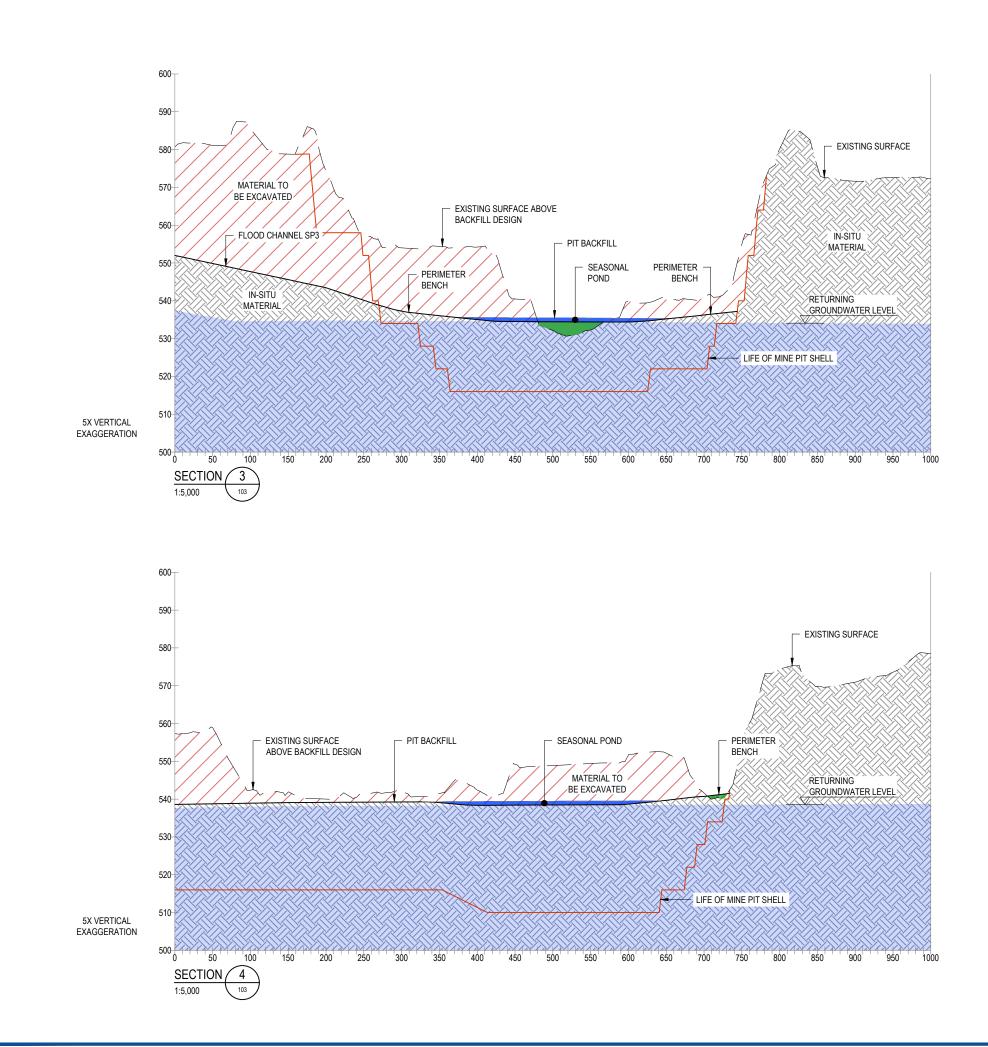
2. COORDINATE SYSTEM: YANDI PROJECT GRID (YAN94)

## LEGEND

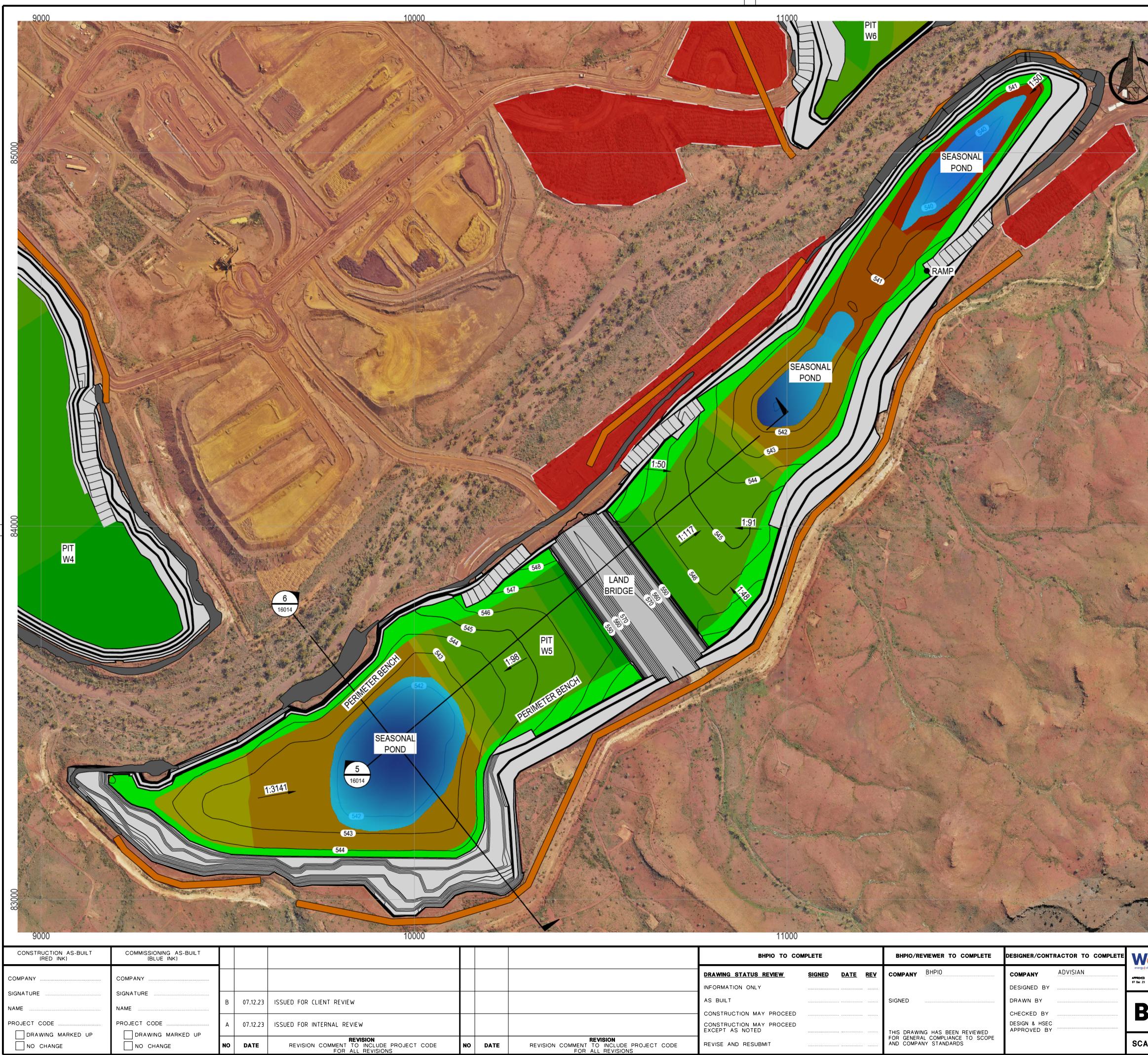
ð,	£	X	Ĉ

PIT SHELL PIT BACKFILL SEASONAL POND PERMANENT PIT LAKE OSA RECLAMATION FOOTPRINT PERIMETER BENCH FLOOD BUND SAFETY BUND **RIP-RAP** 🗕 🗕 🗕 ALLUVIAL BAR

			) 300 Metres			
		SCALE 1 : 5000				
		YANDI CLOSURE LANDFORM E8 PIT BACKFILL LAYOUT	1200-C-16019			
		YANDI CLOSURE LANDFORM E1-6 PIT BACKFILL LAYOUT	1200-C-16017			
		YANDI CLOSURE LANDFORM W6 C1-2-3-6 PIT BACKFILL LAYOUT	1200-C-16015			
		YANDI CLOSURE LANDFORM W5 PIT BACKFILL LAYOUT	1200-C-16013			
		YANDI CLOSURE LANDFORM W1 PIT BACFILL LAYOUT	1200-C-16009			
		YANDI CLOSURE LANDFORM GENERAL ARRANGEMENT	1200-C-16008			
00		CONTRACT NUMBER Or Purchase order Number				
8300		REFERENCE DOCUMENTS	DOC NO			
rlev	BHP Iron	Ore Pty Ltd A.B.N. 46 008 700 9	081			
CALC resources	STUDY PHASE					
Composito, Servicos, vill. Esectricus: vill. Pipini Dostan: vill. Structuros: vill.	WAIO PROJEC	Γ – YANDI CLOSURE LA	ANDFORM			
	PIT BACKFILL AND LANDFORM DESIGN					
		FILL LAYOUT				
E 1:5000	A1 DR	g. no. 1200 🗕 ( 💻 1	16011 /B			
		IS UNCONTROLLED WHEN PRINTED OR DOWNLO E DISCARDED AFTER USE.IT IS YOUR RESPONSI				



Ir	okane Integrated Mine Closure and Relinquishment Solutions				
	$\mathbf{>}$	RA	١F	T	
	- NITS IN	METRES U.N.O. System: Yandi F	PROJECT GRID (	(YAN94)	
 	— F — L — C	Existing Surfaci Pit Backfill Desi .ife of Mine Pit S DSA Reclamation Returning Grou	GN HELL N	EL (AS PER IPS)	
MATERIA	RETURNING GROUNDWATER LEVEL (AS PER IPS)         MATERIALS:         PIT BACKFILL         COSC         RIP-RAP         EXCAVATED         RETURNING GROUNDWATER (AS PER IPS)         SEASONAL POND / PERMANENT PIT LAKE         IN-SITU				
10 5 Luntundum SCALE 1:10 50 Luntuntur SCALE 1:50	000 0	10 20 1 1 1 1 50 100 1 1 1	30  150 	40 50m 200 250m	
В		DRAFT		1.11.2023	
Revision Client/Pro	piect	Descriptio	n	Date	
BHP BHP BILLITON IRON ORE PTY YANDI IRON ORE MINE PIT BACKFILL DESIGN SELECTION PHASE STUDY (SPS)					
Drawn by		J. TREVAR	THEN		
Designed by OKANE					
Approved	by	L. BAGN	AII		
Drawing t	itle				
		PIT W4 SE	CTIONS		
Project no 1092-:		Drawing no. 1092-229-104	Sheet A3	Revision B	



	BHPIO TO COMPLETE		BHPIO/REVIEWER TO COMPLETE	DESIGNER/CONTRACTOR TO COMPLETE	
	DRAWING STATUS REVIEW	<u>SIGNED DATE REV</u>	COMPANY BHPIO	COMPANY ADVISIAN	energy chemicals
	INFORMATION ONLY			DESIGNED BY	
	AS BUILT		SIGNED	DRAWN BY	
	CONSTRUCTION MAY PROCEED			CHECKED BY	RF
	CONSTRUCTION MAY PROCEED EXCEPT AS NOTED		THIS DRAWING HAS BEEN REVIEWED	DESIGN & HSEC APPROVED BY	
REVISION COMMENT TO INCLUDE PROJECT CODE FOR ALL REVISIONS	REVISE AND RESUBMIT		FOR GENERAL COMPLIANCE TO SCOPE AND COMPANY STANDARDS		SCALE

#### NOTES

12000

1. ALL UNITS IN METRES U.N.O.

2. COORDINATE SYSTEM: YANDI PROJECT GRID (YAN94)

## LEGEND

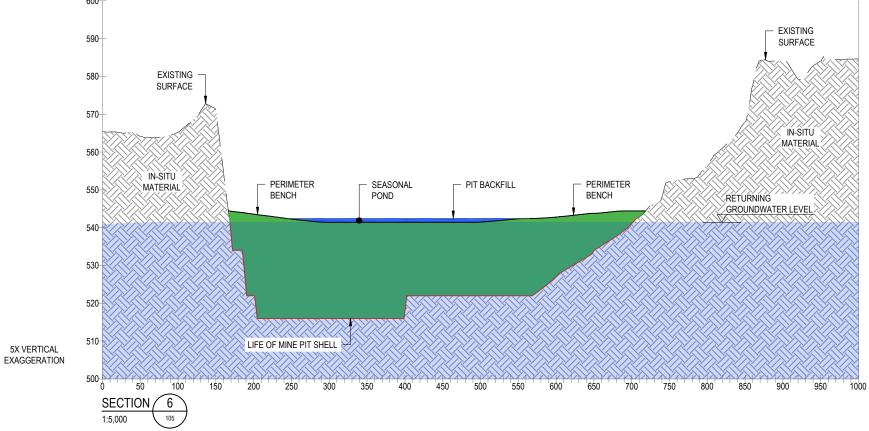
62	Ż	ję.	Ĉ

PIT SHELL PIT BACKFILL SEASONAL POND PERMANENT PIT LAKE OSA RECLAMATION FOOTPRINT PERIMETER BENCH FLOOD BUND SAFETY BUND **RIP-RAP** 🗕 🗕 🗕 ALLUVIAL BAR

in the						
Ser.		100 0	100	200	300 Metres	
-		S	CALE 1 : 5000			
and the second		YANDI CLOSURE LA E8 PIT BACKFILL L			1200-C-16019	
1.		YANDI CLOSURE LA E1-6 PIT BACKFILL			1200-C-16017	
		YANDI CLOSURE LA W6 C1-2-3-6 PIT I		JUT	1200-C-16015	
		YANDI CLOSURE LA W4 PIT BACKFILL			1200-C-16011	
a ta		YANDI CLOSURE LA W1 PIT BACKFILL			1200-C-16009	
83000		YANDI CLOSURE LA GENERAL ARRANGE			1200-C-16008	
1		CONTRACT NUMB Or purchase of				
000		REFER	ENCE DOCUME	NTS	DOC NO	
rlev	BHP Iron O	re Pty Lte	A.B.N. 46 00	08 700 981		
j resources CHECKED AGAINST: CHELDISION (PL) Composition_Services) (PL) Electricals (PL)	STUDY PHASE					
Electricula v4.1, Geotogya v4.1, Plant Designa v4.1, Hornegenerat Structurula v4.1	WAIO PROJECT - YANDI CLOSURE LANDFORM					
1P	PIT BACKFILL AND LANDFORM DESIGN					
	W5 PIT BACKFIL	L LAYOUT	-			
1:5000		10. 1200 <b>•</b>	- (	<b>—</b> 160	13 /B	
		UNCONTROLLED WHEN				

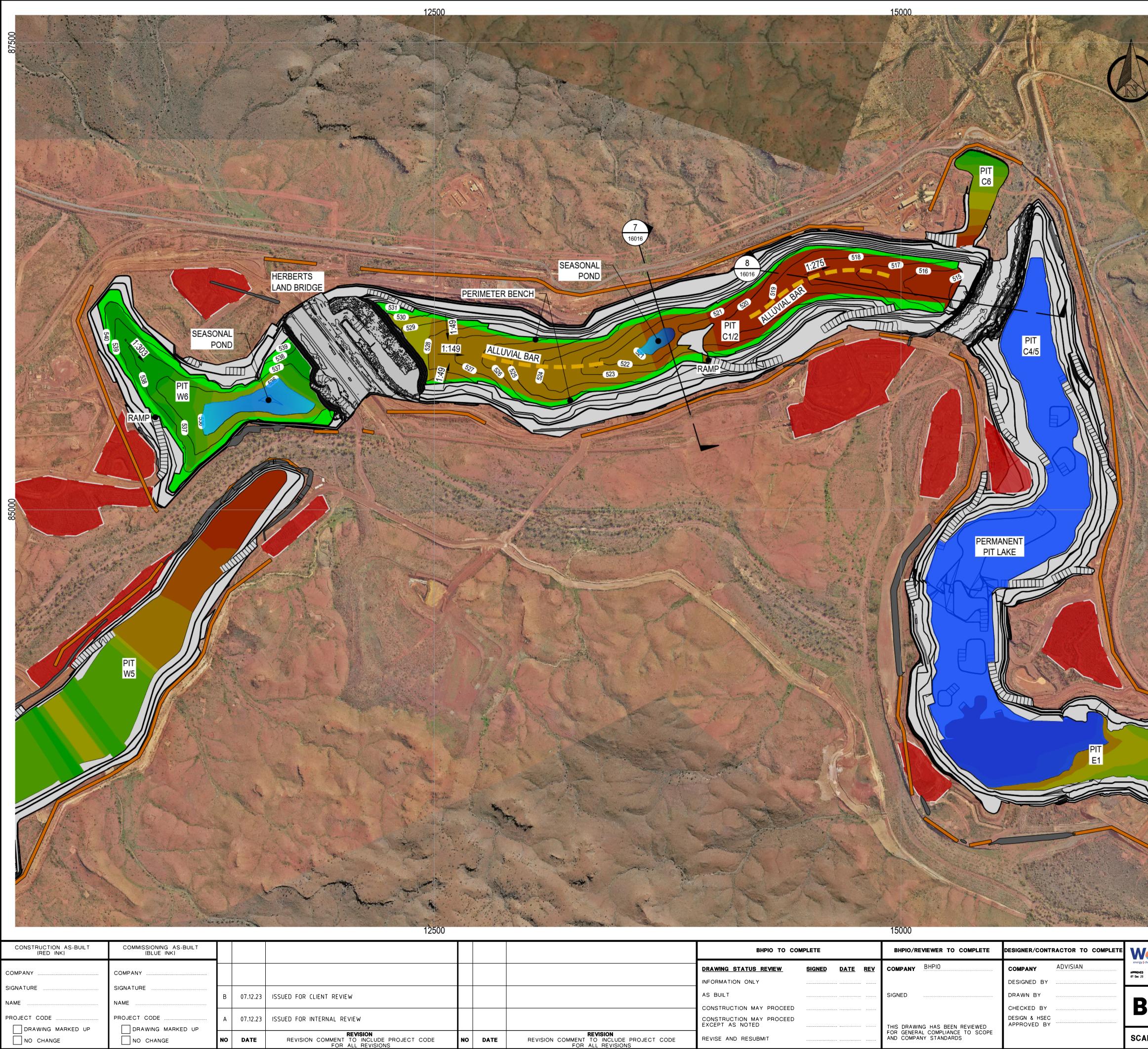
THIS DOCUMENT IS UNCONTROLLED WHEN PRINTED OR DOWNLOADED AND SHOULD BE DISCARDED AFTER USE.IT IS YOUR RESPONSIBILITY TO 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 ENSURE THAT YOU USE THE MOST RECENT REVISION OF THIS DOCUMENT.

- LAND BRIDGE - SEASONAL POND PIT BACKFILL PIT BACKFILL RETURNING GROUNDWATER LEVEL EXISTING SURFACE 530-520-IN-SITU MATERIAL LIFE OF MINE PIT SHELL 5X VERTICAL EXAGGERATION SECTION 5 1:5,000 EXISTING SURFACE



tt Saved:11/2/2023 12:16 PM

okane Integrated Mine Closure and Relinquishment Solutions					
	DRAF	T			
	IN METRES U.N.O. ATE SYSTEM: YANDI PROJECT GRID (Y/	AN94)			
LEGEND         PROFILES:         —       EXISTING SURFACE         —       PIT BACKFILL DESIGN         —       LIFE OF MINE PIT SHELL         —       OSA RECLAMATION         MATERIALS:       PIT BACKFILL         EXCAVATED       RIP-RAP         EXCAVATED       RETURNING GROUNDWATER (AS PER IPS)         SEASONAL POND / PERMANENT PIT LAKE       IN-SITU					
10 5 0 untindinition SCALE 1:1000 50 0 untindinition SCALE 1:5000	50 100 150 2	40 50m 1 250m 1 1			
в	DRAFT	1.11.2023			
Revision Client/Project	Description	Date			
BHP BILLITON IRON ORE PTY YANDI IRON ORE MINE PIT BACKFILL DESIGN SELECTION PHASE STUDY (SPS)					
Drawn by	Drawn by J. TREVARTHEN				
Designed by OKANE					
Approved by L. BAGNALL					
Drawing title	-				
	PIT W5 SECTIONS				
Project no. 1092-229	Drawing no. Sheet F 1092-229-106 A3	Revision B			



NO DATE

NO DATE

NO CHANGE

NO CHANGE

	внрю то сом	MPLETE	BHPIO/REVIEWER TO COMPLETE	DESIGNER/CONTRACTOR TO COMPLETE	W
	DRAWING STATUS REVIEW	<u>SIGNED DATE REV</u>	COMPANY BHPIO	COMPANY ADVISIAN	energy   che APPROVED 07 Dec 23
	INFORMATION ONLY AS BUILT		SIGNED	DESIGNED BY	D
	CONSTRUCTION MAY PROCEED CONSTRUCTION MAY PROCEED EXCEPT AS NOTED		THIS DRAWING HAS BEEN REVIEWED FOR GENERAL COMPLIANCE TO SCOPE	CHECKED BY DESIGN & HSEC APPROVED BY	
<b>REVISION</b> REVISION COMMENT TO INCLUDE PROJECT CODE FOR ALL REVISIONS	REVISE AND RESUBMIT		AND COMPANY STANDARDS		SCAL

#### NOTES

1. ALL UNITS IN METRES U.N.O.

2. COORDINATE SYSTEM: YANDI PROJECT GRID (YAN94)

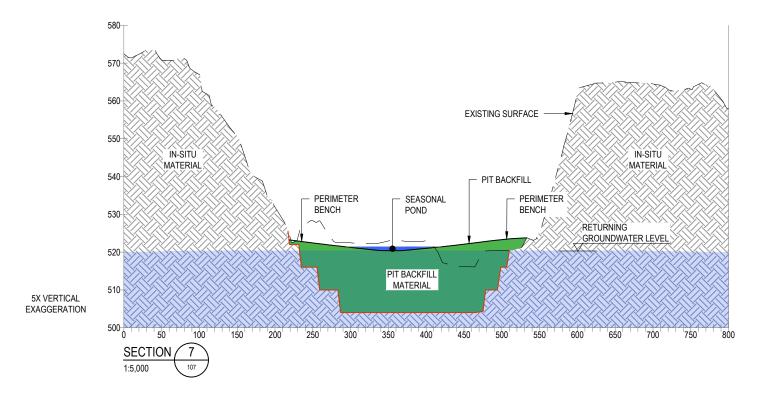
## LEGEND

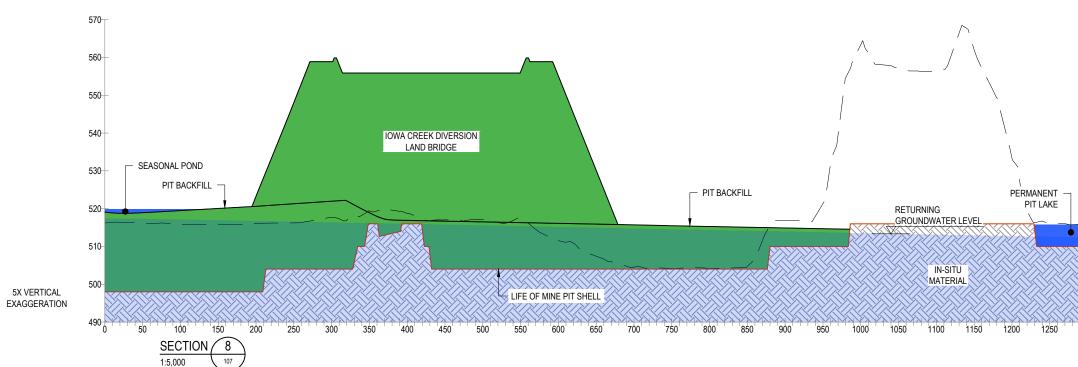
0505	

PIT SHELL PIT BACKFILL SEASONAL POND PERMANENT PIT LAKE OSA RECLAMATION FOOTPRINT PERIMETER BENCH FLOOD BUND SAFETY BUND **RIP-RAP** 🗕 🗕 🗕 ALLUVIAL BAR

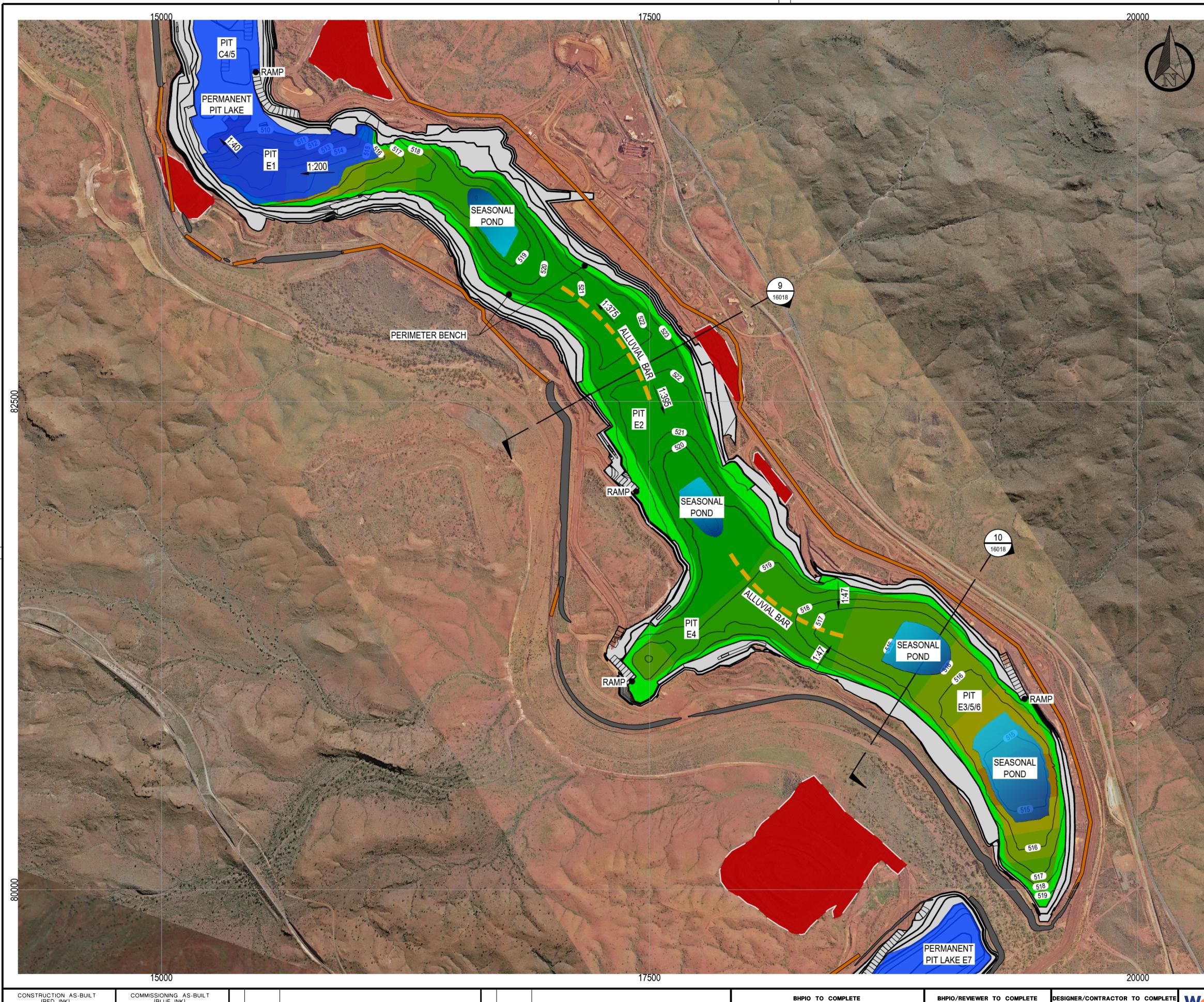
		200 0	200 400	600 Metres	
		SCALE 1	: 10000		
		YANDI CLOSURE LANDFORI E8 PIT BACKFILL LAYOUT	М	1200-C-16019	
		YANDI CLOSURE LANDFORI E1-6 PIT BACKFILL LAYOU		1200-C-16017	
No.		YANDI CLOSURE LANDFORI W5 PIT BACKFILL LAYOUT		1200-C-16013	
		YANDI CLOSURE LANDFORM W4 PIT BACKFILL LAYOUT		1200-C-16011	
San		YANDI CLOSURE LANDFORI W1 PIT BACKFILL LAYOUT		1200-C-16009	
評論		YANDI CLOSURE LANDFORI GENERAL ARRANGEMENT	М	1200-C-16008	
in		CONTRACT NUMBER Or purchase order N	UMBER		
China		REFERENCE D	OCUMENTS	DOC NO	
ev	BHP Iron (	Dre Pty Ltd	B.N. 46 008 700 981		
SOURCES KED AGAINSTa Design: 49.1 Lite_Services: 49.1	STUDY PHASE				
tati vRJ pi vRJ pi vRJ urati vRJ	WAIO PROJECT	- YANDI CLOS	URE LAN	DFORM	
	PIT BACKFILL AND LANDFORM DESIGN				
	W6 C1-2-3-6 P				
: 10000		NO. 1200 🖛	C <b>—</b> 160	)15 /B	
		UNCONTROLLED WHEN PRINTE			

0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 ENSURE THAT YOU USE THE MOST RECENT REVISION OF THIS DOCUMENT.





Integrated	okane Integrated Mine Closure and Relinquishment Solutions				
D	RA	١F	Т		
NOTES 1. ALL UNITS IN 2. COORDINATE	METRES U.N.O. SYSTEM: YANDI F	PROJECT GRID (	YAN94)		
LEGEND         PROFILES:         —       EXISTING SURFACE         —       PIT BACKFILL DESIGN         IIFE OF MINE PIT SHELL         OSA RECLAMATION         RETURNING GROUNDWATER LEVEL (AS PER IPS)         MATERIALS:         PIT BACKFILL         EXCAVATED         EXCAVATED         RETURNING GROUNDWATER (AS PER IPS)         SEASONAL POND / PERMANENT PIT LAKE					
10 5 0 Iuntunluntunl SCALE 1:1000 50 0 Iuntunluntunl SCALE 1:5000	10 20 1 1 1 1 50 100 1 1 1 1	30         150 	40 50m 200 250m		
B	DRAFT	-	1.11.2023 Date		
Client/Project BHP BILLITON IRON ORE PTY YANDI IRON ORE MINE PIT BACKFILL DESIGN SELECTION PHASE STUDY (SPS) Drawn by					
J. TREVARTHEN Designed by					
OKANE Approved by					
	L. BAGNALL				
PIT	Drawing title PIT W6-C1-2-3-6 SECTIONS				
Project no. 1092-229	Drawing no. 1092-229-108	Sheet A3	Revision B		



CONSTRUCTION AS-BUILT (RED INK)	COMMISSIONING AS-BUILT (BLUE INK)						
COMPANY	COMPANY						
SIGNATURE	SIGNATURE	В	07.12.23	ISSUED FOR CLIENT REVIEW			
PROJECT CODE	PROJECT CODE	А	07.12.23	ISSUED FOR INTERNAL REVIEW			
		NO	DATE	<b>REVISION</b> REVISION COMMENT TO INCLUDE PROJECT CODE FOR ALL REVISIONS	NO	DATE	REVISION

	внрю то со	MPLETE	BHPIO/REVIEWER TO COMPLETE	DESIGNER/CONTRACTOR TO COMPLETE	Worle
	DRAWING STATUS REVIEW	SIGNED DATE REV	COMPANY BHPIO	COMPANY ADVISIAN	energy chemicals resources ( CHECKED AGAU APPROVED Ciril_Design v9.1 07 Dec 23 Compute_Strike
	INFORMATION ONLY			DESIGNED BY	07 Dec 23 Comparison Serverson Electrical: 49. Gastage: 49.4 PlantDesign: 49.4
	AS BUILT		SIGNED	DRAWN BY	
	CONSTRUCTION MAY PROCEED			CHECKED BY	BHF
	CONSTRUCTION MAY PROCEED EXCEPT AS NOTED		THIS DRAWING HAS BEEN REVIEWED	DESIGN & HSEC APPROVED BY	
REVISION COMMENT TO INCLUDE PROJECT CODE FOR ALL REVISIONS	REVISE AND RESUBMIT		FOR GENERAL COMPLIANCE TO SCOPE AND COMPANY STANDARDS		SCALE 1:10

## NOTES

1. ALL UNITS IN METRES U.N.O.

2. COORDINATE SYSTEM: YANDI PROJECT GRID (YAN94)

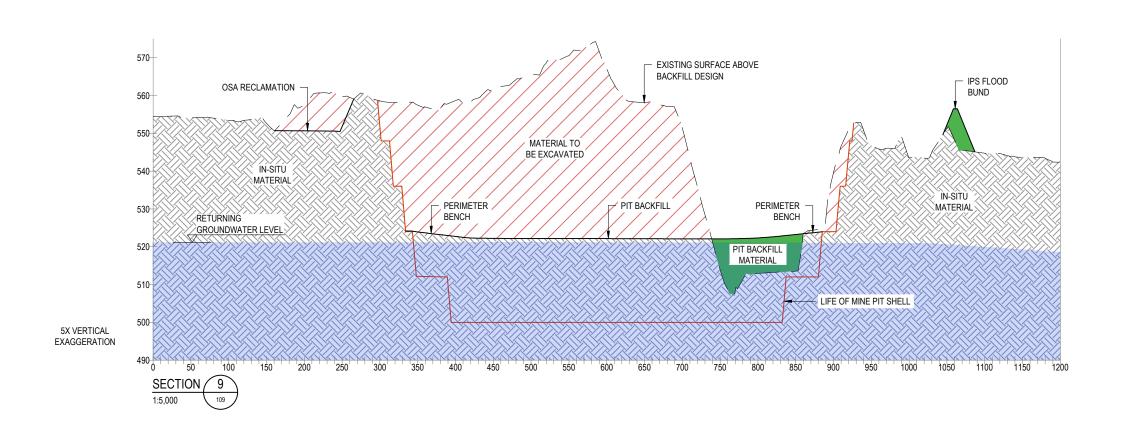
# LEGEND

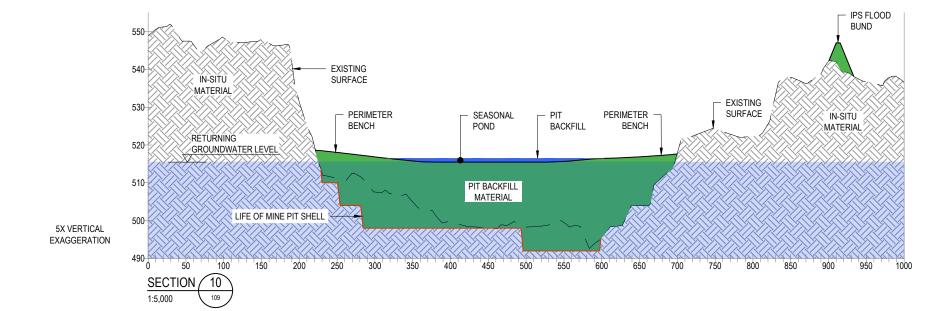
05050

PIT SHELL PIT BACKFILL SEASONAL POND PERMANENT PIT LAKE OSA RECLAMATION FOOTPRINT PERIMETER BENCH FLOOD BUND SAFETY BUND **RIP-RAP** 🗕 🗕 🗕 ALLUVIAL BAR

				200	<u> </u>	200 ALE 1 : 10000	400	600 Metres
				E8 PIT BA	OSURE LANDF ACKFILL LAYC OSURE LANDF 3-6 PIT BACK	ORM		1200-C-16019 1200-C-16015
00				W6 C1-2-3-6 PIT BACKFILL LAYOUT YANDI CLOSURE LANDFORM W5 PIT BACKFILL LAYOUT			1200-C-16013	
80000				YANDI CL	OSURE LANDF ACKFILL LAY	ORM		1200-C-16011
1					OSURE LANDF ACKFILL LAY(			1200-C-16009
					OSURE LANDF ARRANGEMEN			1200-C-16008
					CT NUMBER Chase ordef	RNUMBER		
					REFERENCE	DOCUMENTS	5	DOC NO
ey	BH	IP Ir	on O	re Pt	y Ltd	A.B.N. 46 008 70	00 981	
Sources KED AGAINST: Design: +9.1 Note: -9.1	STUDY	PHA	SE					
obaga viti Januarios, viti kati viti, ja viti, jana viti, jana viti, jana viti, jana viti,	WAIO PROJECT - YANDI CLOSURE LANDFORM							ORM
P	PIT BACKFILL AND LANDFORM DESIGN							
	E1-6 PI	IT B	ACKF	ILL L	AYOUT			
: 10000		A1	DRG. N	10. 1 <u>2</u>	00 -	( -	1601	7 /B

THIS DOCUMENT IS UNCONTROLLED WHEN PRINTED OR DOWNLOADED AND SHOULD BE DISCARDED AFTER USE.IT IS YOUR RESPONSIBILITY TO 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 ENSURE THAT YOU USE THE MOST RECENT REVISION OF THIS DOCUMENT.





OKANCE Integrated Mine Closure and Relinquishment Solutions									
DRAFT									
	NOTES 1. ALL UNITS IN METRES U.N.O. 2. COORDINATE SYSTEM: YANDI PROJECT GRID (YAN94)								
LEGEND         PROFILES:         —       EXISTING SURFACE         —       PIT BACKFILL DESIGN         —       LIFE OF MINE PIT SHELL         —       OSA RECLAMATION         MATERIALS:       PIT BACKFILL									
10 5 0 Lindindind SCALE 1:1000 50 0 Lindindindindind SCALE 1:5000	10 20 	30 150 150	40 50m 200 250m						
	DRAFT		1.11.2023						
Revision	Descriptio	'n	Date						
Client/Project BHP BILLITON IRON ORE PTY YANDI IRON ORE MINE PIT BACKFILL DESIGN SELECTION PHASE STUDY (SPS)									
Drawn by	Drawn by								
J. TREVARTHEN Designed by OKANE									
Approved by L. BAGNALL									
Drawing title	2. 2. 01								
PIT E1-6 SECTIONS									
Project no. 1092-229	Drawing no. 1092-229-110	Sheet A3	Revision B						



NAME
PROJECT CODE
DRAWING MARKED UP
NO CHANGE

NAME

PROJECT CODE .

NO CHANGE

DRAWING MARKED UP

З	07.12.23	ISSUED FOR CLIENT REVIEW			
4	07.12.23	ISSUED FOR INTERNAL REVIEW			
0	DATE	REVISION REVISION COMMENT TO INCLUDE PROJECT CODE FOR ALL REVISIONS	NO	DATE	REVISION CON

5500	21000						
	внрю то со	MPLETE	BHPIO/REVIEWER TO COMPLETE	DESIGNER/CONTRACTOR TO COMPLETE	Worley		
	DRAWING STATUS REVIEW	<u>SIGNED DATE REV</u>	COMPANY BHPIO	COMPANY ADVISIAN	energy   chemicade   resources CHECKED AGANST: APPROVED 08 Dec 23 Earrise +1. Generge +1. Another -1.		
	AS BUILT		SIGNED	DESIGNED BY	Singtures: vit.		
	CONSTRUCTION MAY PROCEED			CHECKED BY DESIGN & HSEC	BHP		
	CONSTRUCTION MAY PROCEED EXCEPT AS NOTED		THIS DRAWING HAS BEEN REVIEWED	APPROVED BY			
REVISION N COMMENT TO INCLUDE PROJECT CODE FOR ALL REVISIONS	REVISE AND RESUBMIT		FOR GENERAL COMPLIANCE TO SCOPE AND COMPANY STANDARDS		<b>SCALE</b> 1: 2500		

THIS DOCUMENT IS UNCONTROLLED WHEN PRINTED OR DOWNLOADED THIS DOCUMENT IS UNCONTROLLED WHEN PRINTED OR DOWNLOADED AND SHOULD BE DISCARDED AFTER USE.IT IS YOUR RESPONSIBILITY TO 0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 ENSURE THAT YOU USE THE MOST RECENT REVISION OF THIS DOCUMENT.

#### NOTES

1. ALL UNITS IN METRES U.N.O.

2. COORDINATE SYSTEM: YANDI PROJECT GRID (YAN94)

## LEGEND

Į O	50

PIT SHELL PIT BACKFILL SEASONAL POND PERMANENT PIT LAKE OSA RECLAMATION FOOTPRINT PERIMETER BENCH FLOOD BUND SAFETY BUND **RIP-RAP** 🗕 🗕 🗕 ALLUVIAL BAR

			5(	0 0	50	100	150 Metres		
				IDI CLOSURE LANE 5 PIT BACKFILL LA			1200-C-16017		
				IDI CLOSURE LANE C1-2-3-6 PIT BAI			1200-C-16015		
				IDI CLOSURE LANE PIT BACKFILL LA			1200-C-16013		
				YANDI CLOSURE LANDFORM W4 PIT BACKFILL LAYOUT			1200-C-16011		
				IDI CLOSURE LANE PIT BACKFILL LA`		1200-C-16009			
77500				IDI CLOSURE LANE ERAL ARRANGEME			1200-C-16008		
				NTRACT NUMBER Purchase ordi	ER NUMBER				
				REFERENC	CE DOCUMENTS	3	DOC NO		
у	BH	IP Ir	on Ore	Pty Ltd	A.B.N. 46 008 7	00 981			
INST: h vR.L	STUDY	PHA	SE						
	WAIO PROJECT – YANDI CLOSURE LANDFORM								
	PIT BACKFILL AND LANDFORM DESIGN								
	E8 PIT	BAC	KFILL L	AYOUT					
00		A1	DRG. NO.	1200 -	· ( -	1601	9 /B		