



Plate 10: Borehole BH-02 – 9.0 to 13.0 m



Plate 11: Borehole BH-02 – 13.0 to 19.0 m





Plate 12: Borehole BH-02 - 19.0 to 23 m



Plate 13: BH-02 – 23 to 25.0 m



LOGGED BY : BZ CHECKED BY :

MUNGARI GOLD PROJECT Evolution Mining TSF AUSTRALIA

HOLE: BH 03
Sheet 1 of 3 Rev

JOB NUMBER: PE801-00137

TCR (%)	SCR (%)	RQD (%)	FRACTURE FREQUENCY	GRAPHIC LOG	DEPTH (m)		MATERIAL DESCRIPTION	STRENGTH/ CONSISTENCY	WËATHERING	DEFECTS/ADDITIONAL COMMENTS	IN SITU TESTING	SAMPLING (DEPTH IN m)
	1	_	_			0m	SAND, clayey, non to low plastic, red brown <u>moist</u> medium dense. Sand particles are fine to medium, sub rounded.	MD				
					- 1-		sand particles are line to incutant, san rounded.				7 4, 5, 6	
-	-	-	-		 						N=11	
1.05	1.05	5 -	-		2-	-						
-	-	-	-	_	-3-	2.5m ⁻	CLAY, sandy, trace gravel, low to medium plasticity, red brown, grey,moist, stiff to very stiff. Sand particles are fine to medium, sub rounded.	St - VSt			4, 5, 8 N =13	
1.05	1.05	5 -	-		 	1	Sand partition are time to including, one countries					
_	_	_	-	-	- 4- - 4-						5, 7, 10 N =17	4.45
Push Tube		-	-		-5-							
0.55		-	-			5m	CLAY, silty, low to medium plasticity, light brown, grey, cream whitemoist stiff to very stiff				7 4, 7, 13	4.95
-	-	-	-	_	-6-						N =20	
0.9	0.9	-	-			6.7m ⁻	CLAY, silty, trace gravel, low plasticity, red brown, cream white, moist stiff to very stiff.	VSt -				
1	1	-	-		- / - 	-	Sand particles are fine to medium, sub rounded.					
LIAIE BH	_	-	-		-8-	8m	CLAY, silty, low plasticity, grey, greenish gremoist hard.				16, 37, 55 N =92	
1.05	1.05	5 -	_		 9-	-						
7 S GF.1 K				_	 						37, , - N =Refusal	
O PE801-00137 BH OGS 201	OTE	SS:			<u> </u>			Sta	indard Pene	Unc	disturbed Sample	
CO	ONT ACH	RAC IINE	TOR	: Тој : De8	o Drill 840 Riş	g6	DATE STARTED : 19/03/2017 DATE PROFILED : 20/03/2017		NORTHI EASTING		TION: -90	

: HQ

HOLE SIZE

ELEVATION: -



MUNGARI GOLD PROJECT Evolution Mining TSF AUSTRALIA

HOLE: BH 03
Sheet 2 of 3 Rev

JOB NUMBER: PE801-00137

			Aus	tralia	!						
TCR (%)	SCR (%)	RQD (%)	FRACTURE FREQUENCY	GRAPHIC LOG	DEPTH (m)	MATERIAL DESCRIPTION	STRENGTH/ CONSISTENCY	WÉATHERING	DEFECTS/ADDITIONAL COMMENTS	IN SITU TESTING	SAMPLING (DEPTH IN m)
1.5	1.5	-	-		 					30, 50/50mm	
~			~-~		1 1 					(HB), - N =Refusal	
1.4	1.4	-	-		-12- -						
1.4	1.4	-	-		-13- -13-						
\	\-/		\-\		-14- -1					70/100mm (HB), -, - N =Refusal	
1.4	1.4	-	-		- -15-						
1.5	1.5				- -16-	15.8m CLAY, silty, low plasticity, grey, greenish gregnoist indurated, hard.	_				
GDT 17/4/20	1.3	-			- - -17-					21, 71/150mm (HB), -	
TE_BH_2013 GD_	1.2	-	- -		 -18-					N =Refusal	
P_DATATEMPLA					- - -19-						
8 2017 SIGPJ K	1.2	-	-							62/150mm (HB),	
1-00137 BH LOG	1.3	0.8	11	+ + + + + +	 	20.2m METADOLERITE clayey, non plastic, yellow brown, grey, moist extremely low to very low strength, extremely weathered.	ELS - VLS	XW		N=Refusal	
13 REV 0 PE80				+ + + + + + + + + + + + + + + + + + +	-21- 						
Д Н	<u>'</u>			<u>ئىنى</u>							



MUNGARI GOLD PROJECT Evolution Mining TSF AUSTRALIA

HOLE: BH 03
Sheet 3 of 3 Rev

JOB NUMBER: PE801-00137

TCR (%)	SCR (%)	RQD (%)	FRACTURE FREQUENCY	GRAPHIC LOG	DEPTH (m)	MATERIAL DESCRIPTION	STRENGTH/ CONSISTENCY	WÉATHERING	DEFECTS/ADDITIONAL COMMENTS	IN SITU TESTING	SAMPLING (DEPTH IN m)
1.2	1.2	0.95	8	+ + + + + + + + + + + + + + + + + + +	-22 23						
1.5	1.5	5 1.38	8	++++ ++++ ++++ ++++ ++++ ++++ ++++ ++++ ++++	-24						
0.7	0.7	0.6	3		- - -25- -	Borehole BH 03 terminated at 25 m depth.					
					- -26 -						
					-27 						
7/4/20					-28 - 29						
ATE_BH_2013 GDT_17/4/20					30						
GPJ KP_DATATEMPI					31						
37 BH LOGS 2017 SL					32						
KP_BH_2013_REV_0_PER01-00137 BH LOGS 2017 SLGP.LKP_DATATEMPLATE_BH_2013					- -33 - - -						
KP BH 2013			<u> </u>								





Plate 14: Borehole BH-03 – 0.0 to 4 m.



Plate 15: Borehole BH-03 – 4 to 6.5 m.





Plate 16: Borehole BH-03 – 6.5 to 9.7 m.



Plate 17: Borehole BH-03 – 9.7 to 13 m.





Plate 18: Borehole BH-03 – 13 to 16.5 m.



Plate 19: Borehole BH-03 - 16.5 to 19 m.





Plate 20: Borehole BH-03 – 19 to 22 m.



Plate 21: Borehole BH-03 – 22 to 25 m.



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MUNGARI GOLD PROJECT Evolution Mining TSF AUSTRALIA

HOLE: **BH 04**Sheet 1 of 3 Rev

JOB NUMBER: PE801-00137

TCR (%)	SCR (%)	RQD (%)	FRACTURE FREQUENCY	GRAPHIC LOG	DEPTH (m)	MA	ATERIAL DESCRIPTION	STRENGTH/ CONSISTENCY	WÉATHERING	DEFECTS/ADDITIONAL COMMENTS	IN SITU TESTING	SAMPLING
						Om SAND, o medium	clayey, non to low plastic, red brown <u>moist</u> dense.	MD				
0.7	0.7	-	-		- 	Sand pa	rticles are fine to medium, sub rounded.					
-	-	-	-		- 1 -						3, 3, 6 N =9	
					- 							
.05	1.05	-	-		-2-							
-		-	-		- - 						4, 7, 12 N =19	
				1/	-3-	3m CLAY, red brow	sandy, trace gravel, low to medium plasticity, vn, grey,moist, stiff to very stiff.	St - VSt				
.05	1.05	-	-		 		rticles are fine to medium, sub rounded.					
-		-	-		-4- 	yellow b	silty, low to medium plasticity, orange brown orown, grey, cream whit <u>enoist</u> , very stiff to	1,			6, 11, 10 N = 21	4
ush	-	-	-		 							
ube).4	0.4	-	-		-5-							4
-	-	-	-		 							
				1	-6-							
0	0	-	-		- - <u>-</u> -							
-	-	-	-		- / - 			VSt - H			7, 13, 17 N=30	
						7.5m CLAY, white mo	silty, low plasticity, light brown, grey, cream bist, very stiff to hard.					
1	1	-	-		-8- 							
-	-	-	-								6, 11, 18 N =29	
					-9- 							
.05	1.05	-	-		- 							
NO	1 - 1.05	S:		1				Star	ndard Pene	Undertration Test	listurbed Sample	
CC	NTI	RAC IINE	TOR	: Top	o Drill 340 Rig	g6	DATE STARTED : 21/03/2017 DATE PROFILED : 22/03/2017		NORTHI EASTIN		TION: -90	

: HQ

HOLE SIZE

ELEVATION: -



MUNGARI GOLD PROJECT Evolution Mining TSF AUSTRALIA

HOLE: BH 04
Sheet 2 of 3 Rev

JOB NUMBER: PE801-00137

			Aus	urana							
TCR (%)	SCR (%)	RQD (%)	FRACTURE FREQUENCY	GRAPHIC LOG	DEPTH (m)	MATERIAL DESCRIPTION	STRENGTH/ CONSISTENCY	WEATHERING	DEFECTS/ADDITIONAL COMMENTS	IN SITU TESTING	SAMPLING (DEPTH IN m)
-	-	-	-							6, 12, 25 N =37	
1.05	1.05	-	-		 11- 	11.5m				√ 4, 9, 14	
_	-	-	-		- -12-	11.5m CLAY, silty, low plasticity, yellow brown, grey, cream white <u>moist</u> firm to stiff.				N =23	11.95
Pusł Tub	-	-	-								12.45
	0.55	-	-		 13-						12.45
_	-	-	-							6, 11, 20 N = 31	
1.05	1.05	_	-		 -14-						
-	-	-	-							4, 9, 16 N =25	
1.05	1.05	_	-		-15 						
-	-	-	-		-16- 					15, 70, 81 N=151	
1.05	1.05	_	-		- - -17- 	16.5m CLAY, silty, low plasticity, grey, greenish grey, yellow brownmoist, hard.					
	-	-	-		10					14, 42, 57 N =99	
1.05	1.05	_	-		-18- 						
-	-	-	-		-19- 					27, 87, 91 N =178	
1.05	1.05	-	1		20						
1.05	1.5	-	i		-21 -21 -						



MUNGARI GOLD PROJECT Evolution Mining TSF AUSTRALIA

HOLE: **BH 04**Sheet 3 of 3 Rev

JOB NUMBER: PE801-00137

TCR (%)	SCR (%)	RQD (%)	FRACTURE FREQUENCY	GRAPHIC LOG	DEPTH (m)	MATERIAL DESCRIPTION	STRENGTH/ CONSISTENCY	WEATHERING	DEFECTS/ADDITIONAL COMMENTS	IN SITU TESTING	SAMPLING (DEPTH IN m)
-	-	-	-	-	-22- 					26, 63, 95 N =158	
1.05	1.05	5 -	-		23						
0.5	0.5	-	-		-24 25						
					-26	Borehole BH 04 terminated at 25 m depth.					
					- - - -27-						
					28						
17470					 -29-						
MELAIF_BH_ZUIST					30-						
SET NE DAIAIE					31						
100 Sept 100 100 1					32						
					33						
					<u> </u>						





Plate 22: Borehole BH-04 – 0.0 to 3 m.



Plate 23: Borehole BH-04 – 3 to 5.95 m.





Plate 24: Borehole BH-04 – 5.95 to 10.45 m.



Plate 25: Borehole BH-04 – 10.45 to 14.5 m.





Plate 26: Borehole BH-04 – 14.5 to 17.5 m.



Plate 27: Borehole BH-04 – 17.5 to 20.5 m.





Plate 28: Borehole BH-04 – 20.5 to 25 m.

APPENDIX B Test Pit Logs and Photographs





Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP01

Sheet 1 of 1

JOB NUMBER: PE801-137/18

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
_ 0.5	SC SC		0.2m-	SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded. SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, medium dense. Clay content increase with depth.	Г
- 1.0 _				ALLUVIUM Sand particles are fine to medium, sub rounded.	
- - - 1.5 — - -					
- 2.0 —					
2.5			2.8m-	Test pit TP01 terminated at depth 2.8 m	_
3.0 —				rest pit 11 01 terminated at deptit 2.0 m	
3.5 —					
4.0					
4.5 —					
· 5.0 — - - -					
2. Few s 3. No sa 4. No se 5. Pit sta	stopped a small to l mples. epage. able.	arge siz	Target (ed rootst GA94, zo	o 0.2m depth.	
CONTR	ACTOR NE	: Kirkb	y Bobcat a		30009 m
	D BY	· B7		DATE PROFILED: 15/03/2017 NORTHING: 6	595598 m





Plate 1: Test Pit TP-01



Plate 2: Test Pit TP-01





Plate 3: Test Pit TP-01



Plate 4: Test Pit TP-01



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: **TP02**

Sheet 1 of 1

JOB NUMBER: PE801-137/18

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIA	AL DESCRIPTION		SAMPLE TYPE
-	SC			ey, silty, fine to medium grained, red	l brown, <u>dry to slightly moist,</u> loose to	o medium	
+	SC		0.2m-dense.				П
- 0.5 — -			Sand particl SAND, claye increase wit ALLUVIUM	es are fine to medium, sub rounded ey, silty, fine to medium grained, red h depth.	l. I brown, <u>moist,</u> medium dense. Clay	content	
- 1.0 —			Sand particl	es are fine to medium, sub rounded	L		
- 1.5 —							
- 2.0							
- - - 2.5 —							
3.0 —			2.9m Test pit TP0	02 terminated at depth 2.9 m			
-							
- 3.5 — - - -							
4.0							
- 4.5 — -							
- - 5.0 —							
2.Fews 3.Nosa 4.Nose 5.Pitsta	stopped a small to l mples. epage. able.	arge siz	Target depth. d roots to 0.2m depth. GA94, zone 51				
CONTR	ACTOR NE	: 5 T E	Bobcat and Excavation cavator	DATE EXCAVATED:	15/03/2017 15/03/2017	EASTING:	330179 m 6595639 m
	D BY	: BZ					





Plate 5: Test Pit TP-02



Plate 6: Test Pit TP-02



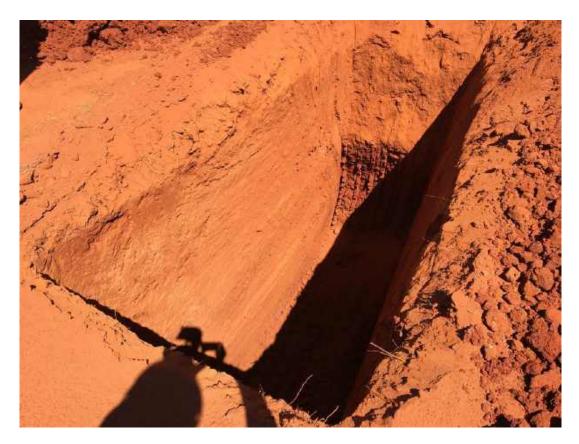


Plate 7: Test Pit TP-02



Plate 8: Test Pit TP-02





Plate 9: Test Pit TP-02



Plate 10: Test Pit TP-02



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP03

Sheet 1 of 1

JOB NUMBER: PE801-137/18

DEPTH (m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG			MATERI	AL DESCRIPTION		SAMPLE TYPE
	SC	/	I	.1	ie to medium grained, re	ed brown, dry to slightly mois	<u>it,</u> loose to medium	
	SC		0.2m-	TOPSOIL				Γ
0.5				Sand particles are fine	to medium, sub rounde	d.		
_ 0.5 _ _				SAND , clayey, silty, fir increase with depth. ALLUVIUM	ie to medium grained, re	d brown, <u>moist,</u> medium der	nse. Clay content	
-				Sand particles are fine	e to medium, sub rounde	d.		
_ 1.0								
-								
1								
_ 1.5 _								
4								
1								
_ 2.0								
4								
]								
_ 2.5								
-								
1								
- 3.0 -		1.7	3m –	Test pit TP03 termina	ed at depth 3 m			_
+								
]								
_ 3.5								
_ 4.0								
-								
4.5								
- 4.5 — -								
- 5.0 — -								
_								
-								
4.Nose 5.Pitst	stopped small to I e bulk sa epage. able.		Target of ced roots to cen as ind	depth. o 0.2m depth. licated. one 51				
CONTR	ACTOR NF	: Kirkb	y Bobcat a	and Excavations	DATE EXCAVATED:	15/03/2017	EASTING:	330372 m
LOGGE		: 5 I E	cavator		DATE PROFILED:	15/03/2017	NORTHING:	6595639 m
	ED BY				EXCAVATION SIZE:	1.3 m x 3.3 m	ELEVATION:	m





Plate 11: Test Pit TP-03



Plate 12: Test Pit TP-03





Plate 13: Test Pit TP-03



Plate 14: Test Pit TP-03





Plate 15: Test Pit TP-03



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP04

Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

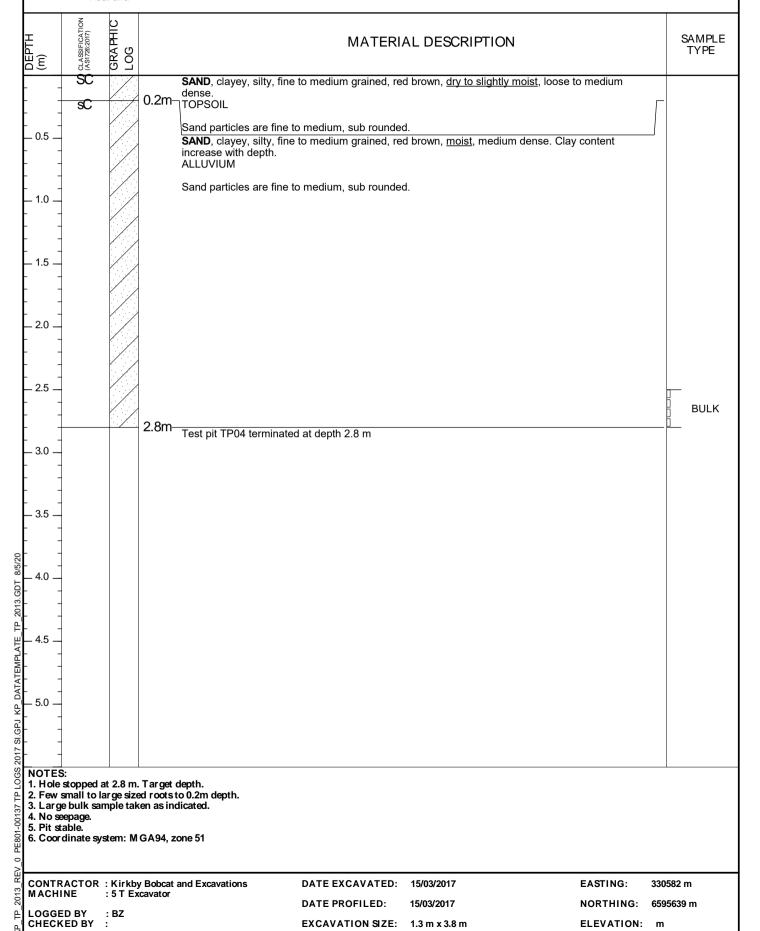






Plate 16: Test Pit TP-04



Plate 17: Test Pit TP-04





Plate 18: Test Pit TP-04



Plate 19: Test Pit TP-04



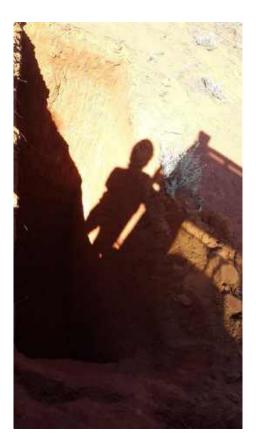


Plate 20: Test Pit TP-04



Plate 21: Test Pit TP-04





Plate 22: Test Pit TP-04

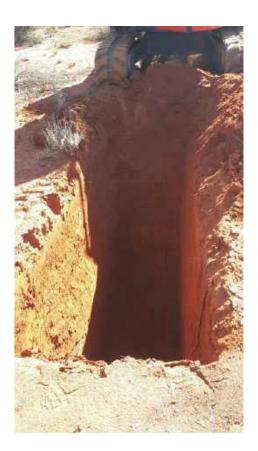


Plate 23: Test Pit TP-04



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: **TP05**Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

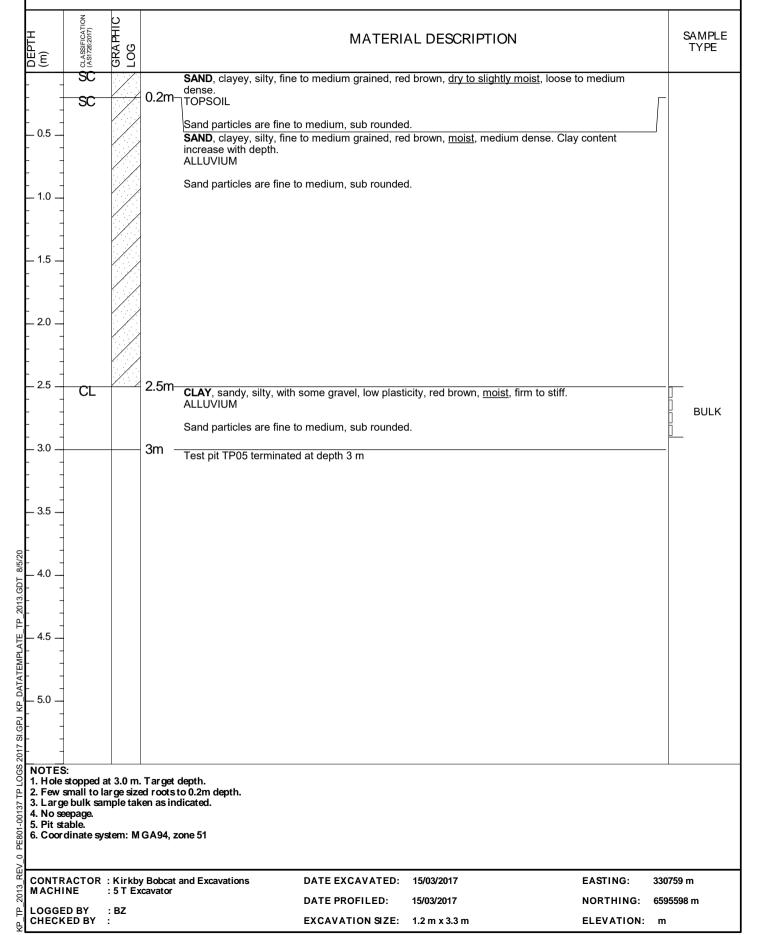






Plate 24: Test Pit TP-05



Plate 25: Test Pit TP-05





Plate 26: Test Pit TP-05



Plate 27: Test Pit TP-05





Plate 28: Test Pit TP-05



Plate 29: Test Pit TP-05



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP06

Sheet 1 of 1

JOB NUMBER: PE801-137/18

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION		SAMPLE TYPE
	SC			SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to med	ium	
+	SC	+//	0.2m-	dense. TOPSOIL	Г	-
-	-					
0.5				Sand particles are fine to medium, sub rounded. SAND , clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay conte	nt	
-				SAND , clayey, sitty, line to medium grained, red brown, <u>moist,</u> medium dense. Clay conteincrease with depth. ALLUVIUM	nı	
1.0 _				Sand particles are fine to medium, sub rounded.		
-						
1.5 —						
-						
2.0 _						
2.0 –						
2.5 —						
2.5 —						
-			2.9m-	Test pit TP06 terminated at depth 2.9 m		_
3.0				Tool pit 11 00 terminated at dopar 2.0 m		
3.5 —						
4.0 _						
4.5 —						
5.0 —						
-						
. Few s . No sa . No se . Pit sta	stopped small to l imples. epage. able.	arge siz	. Target of roots t	o 0.2m depth.		
ONTR	ACTOR	: Kirkb	y Bobcat	and Excavations DATE EXCAVATED: 15/03/2017 EAST	ING: 33	0106 m
/ ACHI	NE	: 5 T E	cavator			
ACIII				DATE PROFILED: 15/03/2017 NORT	THING: 65	95533 m





Plate 30: Test Pit TP-06



Plate 31: Test Pit TP-06



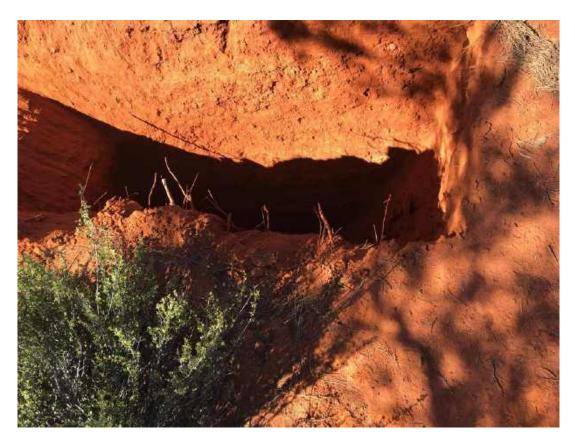


Plate 32: Test Pit TP-06



Plate 33: Test Pit TP-06





Plate 34: Test Pit TP-06



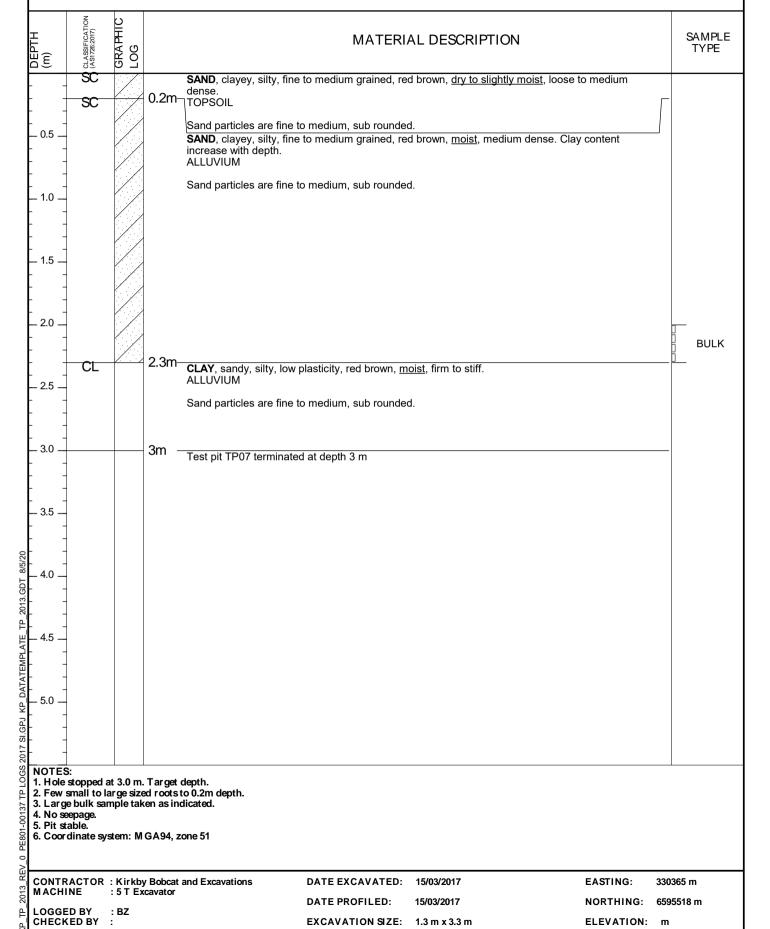
CHECKED BY

Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP07 Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18



EXCAVATION SIZE:

1.3 m x 3.3 m

ELEVATION:





Plate 35: Test Pit TP-07



Plate 36: Test Pit TP-07





Plate 37: Test Pit TP-07



Plate 38: Test Pit TP-07





Plate 39: Test Pit TP-07



LOGGED BY CHECKED BY

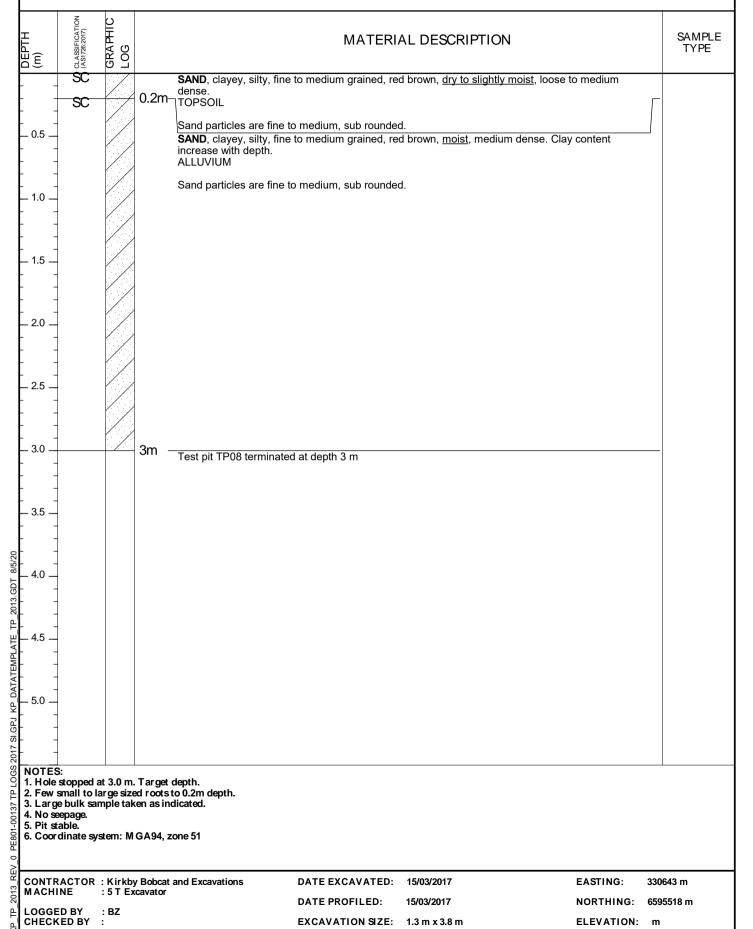
Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP08

Sheet 1 of 1

JOB NUMBER: PE801-137/18



EXCAVATION SIZE:

1.3 m x 3.8 m

ELEVATION:





Plate 40: Test Pit TP-08



Plate 41: Test Pit TP-08





Plate 42: Test Pit TP-08



Plate 43: Test Pit TP-08





Plate 44: Test Pit TP-08



LOGGED BY : BZ CHECKED BY :

Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP09

Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

NORTHING: 6595447 m

ELEVATION: m

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
	SC	1/		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium	
	sc	+//	0.2m-	dense. TOPSOIL	
0.5 _				Sand particles are fine to medium, sub rounded.	
0.5 —				SAND , clayey, silty, fine to medium grained, red brown, <u>moist</u> , medium dense. Clay content increase with depth. ALLUVIUM	
-					
1.0 _				Sand particles are fine to medium, sub rounded.	
-					
7					
1.5 —					
1					
2.0 —					
-					
_					
2.5 — -					
3.0 —		<u> </u>	2.9m-	Test pit TP09 terminated at depth 2.9 m	_
-					
-					
3.5 —					
-					
-					
4.0 —					
7					
🛚					
1.5 — -					
-					
5.0 —					
-					
-					
OTES	<u> </u>				
Hole Few s Large No se Pit st	stopped a small to la e bulk sa eepage. able.	ar ge siz mple tal	. Targeto ed rootst ken asind GA94, zo	o 0.2m depth. licated.	
ONTR	RACTOR	: Kirkb	y Bobcat a	and Excavations DATE EXCAVATED: 15/03/2017 EASTING: 3	330009 m
ACHI	INE	. DIE	cavator	DATE PROFILED: 15/03/2017 NORTHING: (6595447 m

DATE PROFILED:

EXCAVATION SIZE: 1.4 m x 3.1 m

15/03/2017





Plate 45: Test Pit TP-09



Plate 46: Test Pit TP-09





Plate 47: Test Pit TP-09



Plate 48: Test Pit TP-09



LOGGED BY : BZ CHECKED BY :

Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP10

Sheet 1 of 1

JOB NUMBER: PE801-137/18

ELEVATION: m

(E)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
	SC	1	0.1m SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to medium dense. TOPSOIL	
_				
- 0.5 _			Sand particles are fine to medium, sub rounded. SAND, clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content	
-			increase with depth.	
			ALLUVIUM	
- 1.0 _			Sand particles are fine to medium, sub rounded.	
- 1.0 —				
-				
]				
- 1.5 —				
_				
- 2.0 —				
-				
2.5 —				
-				
-				
3.0			2	
- 3.0 —			3m Test pit TP10 terminated at depth 3 m	
_				
-				
- 3.5 —				
-				
]				
- 4.0 —				
-				
-				
4.5 _				
_				
-				
5.0 —				
-				
+				
2. Fews 3. Large 4. Nose 5. Pitsta	stopped a mall to l bulk sa epage. able.	ar ge size mple tal	Target depth. ed roots to 0.2m depth. en as indicated. GA94, zone 51	
ONTR	ACTOR	: Kirkb	Bobcat and Excavations DATE EXCAVATED: 15/03/2017 EASTING: 330 cavator)183 m

EXCAVATION SIZE: 1.2 m x 3.2 m





Plate 49: Test Pit TP-10



Plate 50: Test Pit TP-10



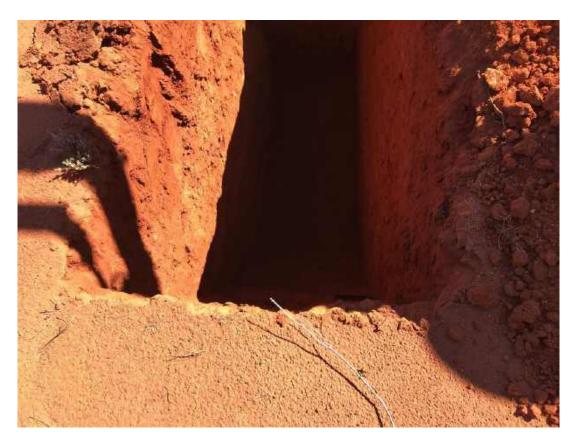


Plate 51: Test Pit TP-10



Plate 52: Test Pit TP-10





Plate 53: Test Pit TP-10



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP11

Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

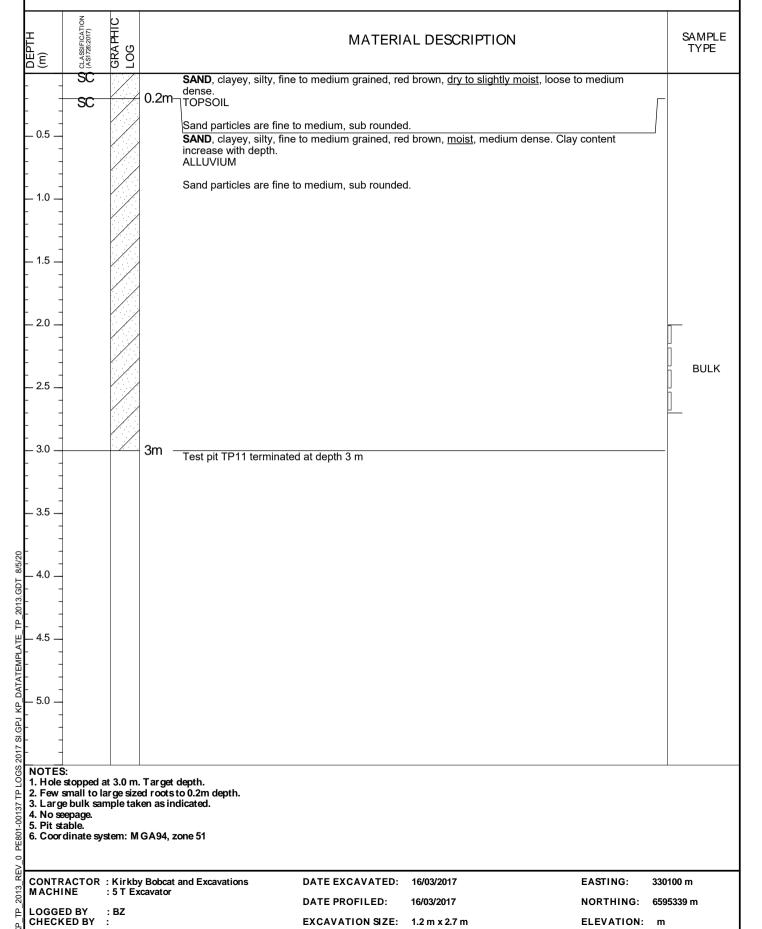






Plate 54: Test Pit TP-11



Plate 55: Test Pit TP-11





Plate 56: Test Pit TP-11



Plate 57: Test Pit TP-11





Plate 58: Test Pit TP-11

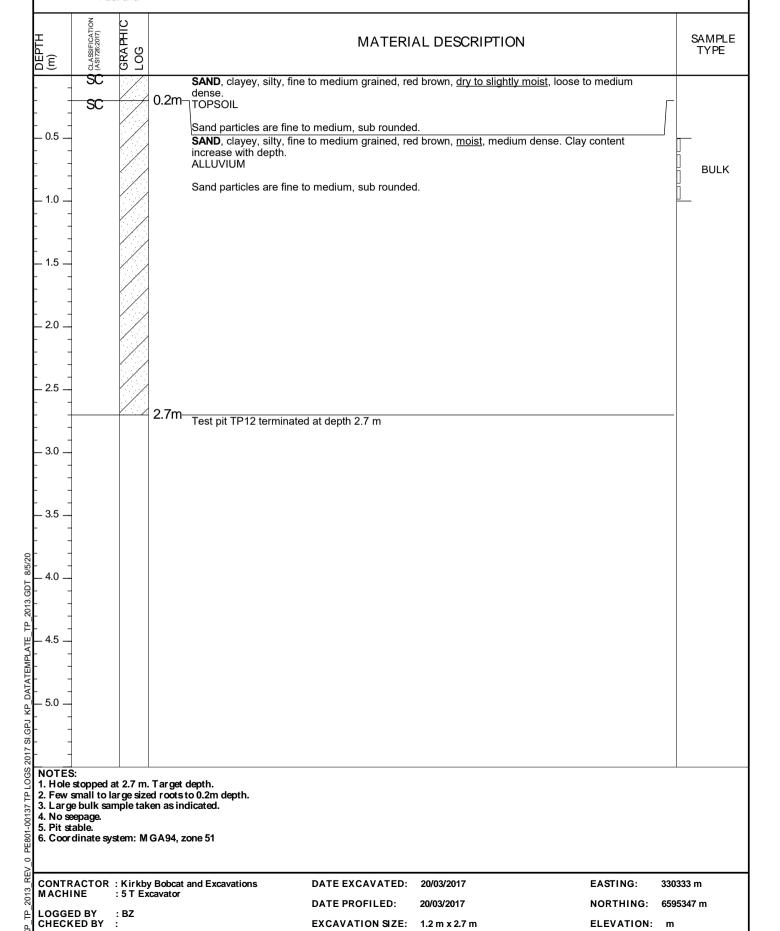


Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: **TP12**Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18





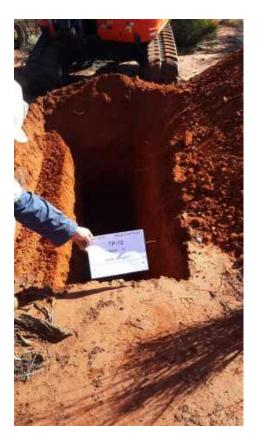


Plate 59: Test Pit TP-12



Plate 60: Test Pit TP-12





Plate 61: Test Pit TP-12



Plate 62: Test Pit TP-12





Plate 63: Test Pit TP-12



Plate 64: Test Pit TP-12



LOGGED BY : BZ CHECKED BY :

Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP13

Sheet 1 of 1 Re

JOB NUMBER: PE801-137/18

NORTHING: 6595348 m

ELEVATION: m

- 1	_					
DEPIH (m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION		SAMPLE TYPE
-	ŠČ			SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to medium		
-			0.0	dense.		
j	SC		0.2m-	dense.	Γ	
_			1	Sand particles are fine to medium, sub rounded.		
0.5 _				SAND, clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content		
-			1	increase with depth. ALLUVIUM		
+				ALLUVIUM		
-				Sand particles are fine to medium, sub rounded.		
1.0 _			1	Cana particles are line to medium, sub rounded.		
-						
-						
-			}			
1.5 _						
			1			
4			}			
+						
2.0 _			1			
_ ں.ے						
]						
4		//	1			
2.5 —						
]			-			
4		1.7/	2.8m-	To start TD40 to service start at dearth 0.0 mg		
				Test pit TP13 terminated at depth 2.8 m		
3.0 —						
_						
-						
3.5 —						
1						
_						
4.0 —						
-						
7						
]						
4.5 —						
+						
+						
]						
5.0 —						
4						
+						
7						
]						
Few s Large No se Pit st	stopped a small to la e bulk sar sepage.	arge size mple tal	ed roots ken as ind	to 0.2m depth. dicated.		
ONTR ACHI	RACTOR	: Kirkb	y Bobcat	and Excavations DATE EXCAVATED: 20/03/2017 EASTING:	330	0509 m
				DATE PROFILED: 20/03/2017 NORTHIN	G: 659	95348 m

EXCAVATION SIZE: 1.0 m x 3.0 m





Plate 65: Test Pit TP-13



Plate 66: Test Pit TP-13





Plate 67: Test Pit TP-13



Plate 68: Test Pit TP-13





Plate 69: Test Pit TP-13



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP14

Sheet 1 of 1

JOB NUMBER: PE801-137/18

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
	SC	1/	.1	clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to medium	
	SC	+/	0.2m-\text{dense.}	DIL	
			Sand p	particles are fine to medium, sub rounded.	
_ 0.5			SAND,	clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content se with depth.	
-				particles are fine to medium, sub rounded.	
- 1.0 —					
_					
. 1.5 — - -					
- - 2.0 —			1		
- 2.0 —					
- - - 2.5 —					
-			2.7m—Test nit	it TP14 terminated at depth 2.7 m	
-			1 CSt pil	it if terminated at deput 2.7 iii	
3.0 _					
-					
- 3.5 — -					
-					
- 4.0 <u> </u>					
- - 4.5 —					
-					
5.0 —					
NOTES		at 2.7 m	. Target depth.		
2. Few s 3. Large 4. Nose 5. Pitsta	small to l e bulk sa epage. able.	arge size mple tal	ed roots to 0.2m d ken as indicated. GA94, zone 51	depth.	
ONTR	ACTOR	: Kirkb	y Bobcat and Exca	avations DATE EXCAVATED: 20/03/2017 EASTING: 3306	658 m
			wavaluf	DATE PROFILED: 20/03/2017 NORTHING: 6598	5347 m
LOGGE	ED BY	: BZ		EXCAVATION SIZE: 1.0 m x 3.0 m ELEVATION: m	





Plate 70: Test Pit TP-14



Plate 71: Test Pit TP-14



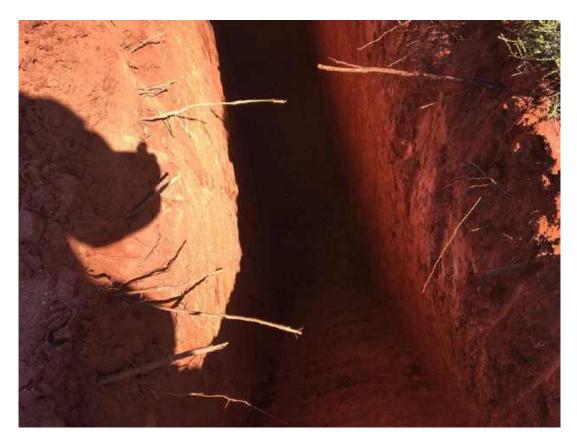


Plate 72: Test Pit TP-14



Plate 73: Test Pit TP-14





Plate 74: Test Pit TP-14



Plate 75: Test Pit TP-14





Plate 76: Test Pit TP-14



LOGGED BY : BZ CHECKED BY :

Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP15

Sheet 1 of 1

JOB NUMBER: PE801-137/18

ELEVATION: m

(E)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
	SC	1/		SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to medium	
+	SC	+//	0.2m¬	dense. TOPSOIL	_
-			1		
. 0.5 _			ŀ	Sand particles are fine to medium, sub rounded.	
-			j	SAND , clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content increase with depth. ALLUVIUM	
-				Sand particles are fine to medium, sub rounded.	
1.0 —					
1.5 —					
-			ł		
2.0	CL		2m —	CLAY, sandy, silty, low plasticity, red brown, moist, firm to stiff.	_
			,	ALLUVIUM	
2.5 —			,	Sand particles are fine to medium, sub rounded.	
-			2.000		
3.0 —			₹2.8m—.	Test pit TP15 terminated at depth 2.8 m	
-					
-					
3.5 —					
-					
4.0					
-					
4.5					
-					
5.0 —					
2. Few s 3. Large 3. Nosea 5. Pitsta	stopped a small to l e bulk sa epage. able.	ar ge size mple tak	Target do ed rootsto en as indi	0 0.2m depth. cated.	
ONTR	ACTOR	: Kirkb	y Bobcat a	nd Excavations DATE EXCAVATED: 20/03/2017 EASTING: 33	30759 m

EXCAVATION SIZE: 1.0 m x 3.0 m





Plate 77: Test Pit TP-15



Plate 78: Test Pit TP-15





Plate 79: Test Pit TP-15

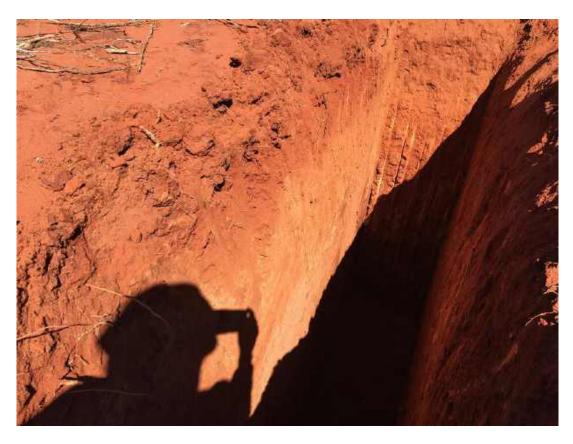


Plate 80: Test Pit TP-15





Plate 81: Test Pit TP-15



Plate 82: Test Pit TP-15



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: **TP16**Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

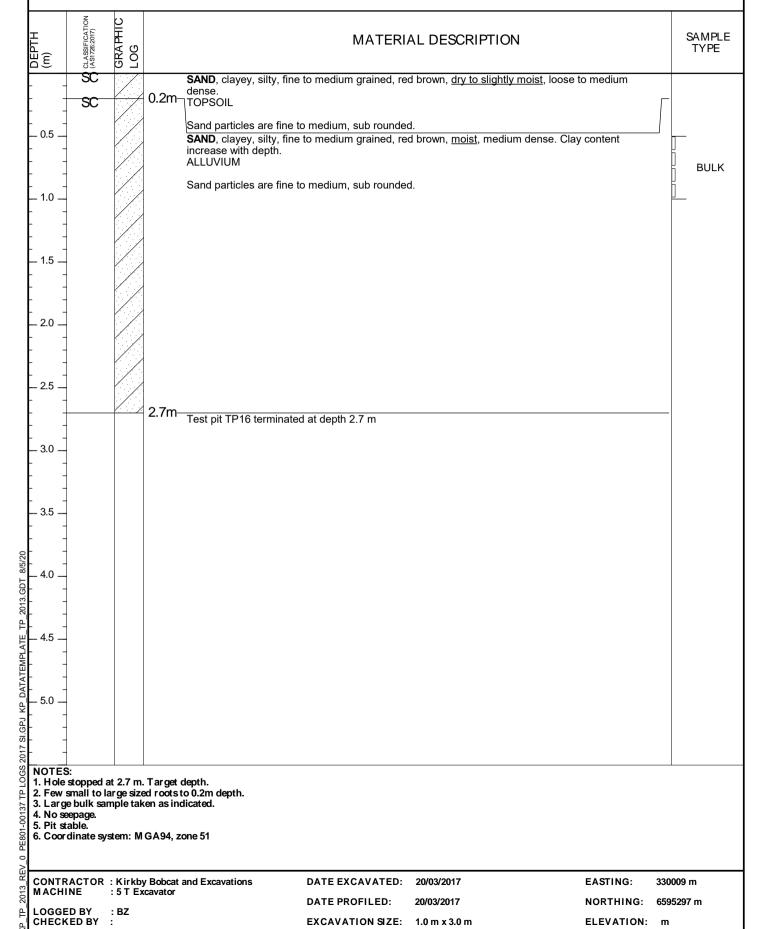






Plate 83: Test Pit TP-16



Plate 84: Test Pit TP-16





Plate 85: Test Pit TP-16

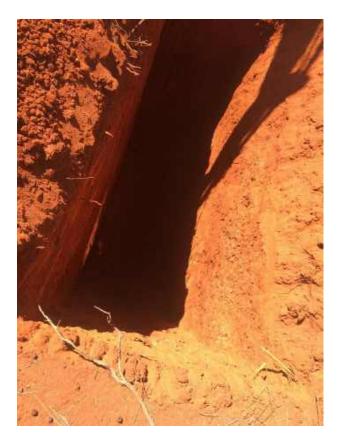


Plate 86: Test Pit TP-16



> : BZ :

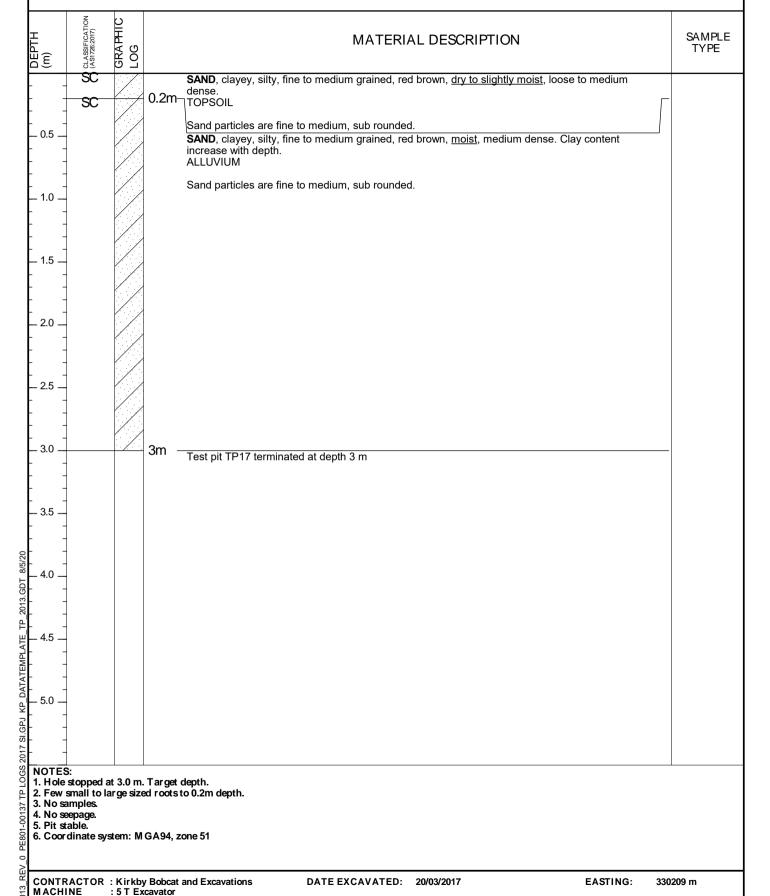
LOGGED BY CHECKED BY

Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: **TP17**Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18



DATE PROFILED:

EXCAVATION SIZE:

20/03/2017

1.2 m x 3.7 m

NORTHING:

ELEVATION:

6595297 m





Plate 87: Test Pit TP-17



Plate 88: Test Pit TP-17





Plate 89: Test Pit TP-17



Plate 90: Test Pit TP-17





Plate 91: Test Pit TP-17



Plate 92: Test Pit TP-17



CONTRACTOR: Kirkby Bobcat and Excavations MACHINE: 5 T Excavator

LOGGED BY : BZ CHECKED BY :

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Australia, Kalgoorlie

TEST PIT: **TP18**Sheet 1 of 1 Rev

EASTING:

330393 m

NORTHING: 6595259 m

ELEVATION: m

JOB NUMBER: PE801-137/18

DEPTH (m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
	SC	1/		SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to medium	
-	SC	//	0.2m-	dense.	
				Sand particles are fine to medium, sub rounded.	
_ 0.5 _	1			SAND, clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content	
_				increase with depth. ALLUVIUM	
-	-				
_ 1.0	1			Sand particles are fine to medium, sub rounded.	
- 1.0 -]				
	1				
_ 1.5 _	1				
-	-				
 2.0	1				
-	-	//			
	-				
2.5]				
	-				
		1./	2.8m-	Test pit TP18 terminated at depth 2.8 m	
_ 3.0 _]				
-	_				
0.0 -]				
	1				
]				
4.0	1				
]				
	1				
_ 4.5 _	1				
	-				
	1				
	1				
5.0 -	1				
-	1				
	1				
NOTES					
1. Hole	stopped a	t 2.8 m. erge size	. Target o	depth. to 0.2m depth.	
3. No s	amples.	50 02			
NOTES: 1. Hole stopped at 2.8 m. Target depth. 2. Few small to large sized roots to 0.2m depth. 3. No samples. 4. No seepage. 5. Pit stable. 6. Coor dinate system: M GA94, zone 51					
6. Coor	dinate sys	stem: M	GA94, z	one 51	

DATE EXCAVATED: 20/03/2017

EXCAVATION SIZE: 1.0 m x 3.0 m

20/03/2017

DATE PROFILED:





Plate 93: Test Pit TP-18



Plate 94: Test Pit TP-18





Plate 95: Test Pit TP-18

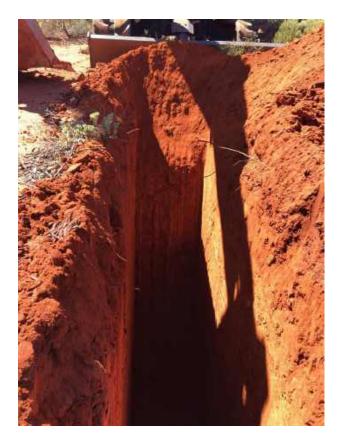


Plate 96: Test Pit TP-18





Plate 97: Test Pit TP-18



Plate 98: Test Pit TP-18



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP19 Sheet 1 of 1

JOB NUMBER: PE801-137/18

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
-	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense.	
1	SC		0.2m-TOPSOIL	Γ
- 0.5 —			Sand particles are fine to medium, sub rounded. SAND, clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content	
4			increase with depth.	U n
7			ALLUVIUM	BULK
. 1.0 —			Sand particles are fine to medium, sub rounded.	<u> </u>
+				
-				
1.5 —				
}				
4				
2.0				
1				
-				
2.5				
1			2.7m—Test nit TP10 terminated at denth 2.7 m	
1			Z./M Test pit TP19 terminated at depth 2.7 m	
3.0				
1				
-				
- 3.5 —				
]				
-				
4.0				
7				
1				
4.5 _				
4				
1				
5.0 —				
+				
7				
2. Few s 3. Large 4. No se 5. Pit sta	stopped small to l e bulk sa epage. able.	lar ge siz Imple tal	Target depth. ed roots to 0.2m depth. en as indicated. GA94, zone 51	
ONTR	ACTOR	: Kirkb	y Bobcat and Excavations DATE EXCAVATED: 20/03/2017 EASTING:	: 330591 m
.OGGE		: BZ	DATE PROFILED: 20/03/2017 NORTHIN	G: 6595220 m
	ED BY		EXCAVATION SIZE: 1.0 m x 3.0 m ELEVATIO	ON· m





Plate 99: Test Pit TP-19

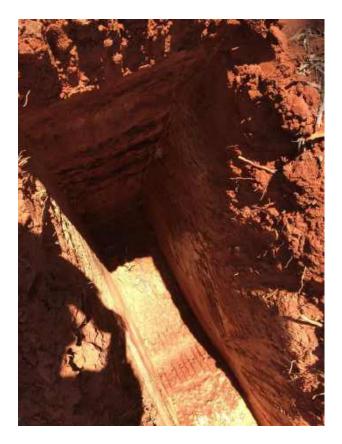


Plate 100: Test Pit TP-19



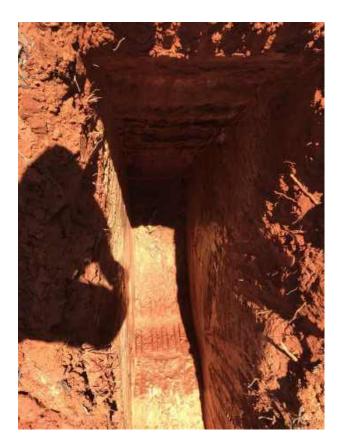


Plate 101: Test Pit TP-19



Plate 102: Test Pit TP-19





Plate 103: Test Pit TP-19

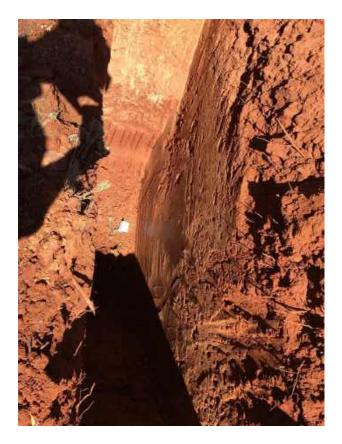


Plate 104: Test Pit TP-19



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP20

Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

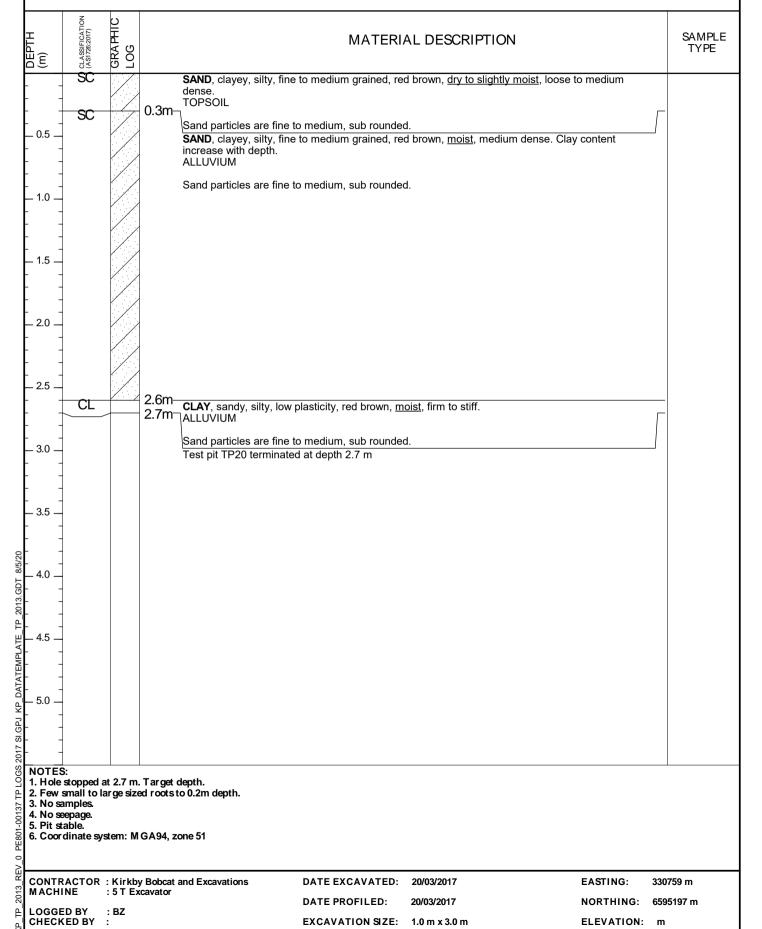






Plate 105: Test Pit TP-20



Plate 106: Test Pit TP-20





Plate 107: Test Pit TP-20

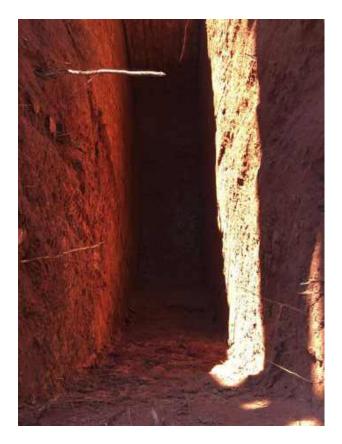


Plate 108: Test Pit TP-20





Plate 109: Test Pit TP-20



Plate 110: Test Pit TP-20





Plate 111: Test Pit TP-20



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP21

Sheet 1 of 1

JOB NUMBER: PE801-137/18

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL D	DESCRIPTION	SAMPLI TYPE
- 0.5 -	SC SC		0.2m dense. TOPSOI Sand pa	layey, silty, fine to medium grained, red brow L rticles are fine to medium, sub rounded. layey, silty, fine to medium grained, red brow with depth. JM		
. 1.0 —				rticles are fine to medium, sub rounded.		
1.5 —						
2.0 —						
2.5 —						
3.0			3m — Test pit	TP21 terminated at depth 3 m		
3.5 —						
4.0 —						
4.5 —						
5.0 —						
2. Few so 3. No sau 3. No see 5. Pit sta	stopped mall to I mples. epage. able.	arge siz	. Target depth. ed roots to 0.2m de GA94, zone 51	pth.		
ONTR	ACTOR NE	: Kirkb : 5 T Ex	y Bobcat and Excav		3/2017 EASTING: 3/2017 NORTHING:	330009 m 6595147 m
	D BY	: BZ		DATE I NOFILED. 20/03	" NORTHING.	3030177 111





Plate 112: Test Pit TP-21



Plate 113: Test Pit TP-21





Plate 114: Test Pit TP-21



Plate 115: Test Pit TP-21





Plate 116: Test Pit TP-21



MACHINE

LOGGED BY CHECKED BY

: BZ :

Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: **TP22**Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

CLASSIFICATION (AS1726:2017) GRAPHIC SAMPLE MATERIAL DESCRIPTION DEPT (m) LOG TYPE SC SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to medium dense 0.2m-TOPSOIL SC Sand particles are fine to medium, sub rounded. - 0.5 SAND, clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded. - 1.0 - 1.5 - 2.0 2.5 - 3.0 $3.05 m_{\mbox{ Test pit TP22 terminated at depth 3.05 m}}$ - 3.5 4.0 2013.GDT 且 - 4.5 DATATEMPLATE - 5.0 SI.GPJ LOGS 2 NOTES: 1. Hole stopped at 3.05 m. Target depth. 2. Few small to large sized roots to 0.2m depth. 且 3. No samples. 4. No seepage. 5. Pit stable. 6. Coordinate system: MGA94, zone 51 CONTRACTOR: Kirkby Bobcat and Excavations DATE EXCAVATED: 20/03/2017 **EASTING:** 330159 m

DATE PROFILED:

EXCAVATION SIZE:

20/03/2017

1.0 m x 3.8 m

NORTHING:

ELEVATION:

6595173 m





Plate 117: Test Pit TP-22



Plate 118: Test Pit TP-22



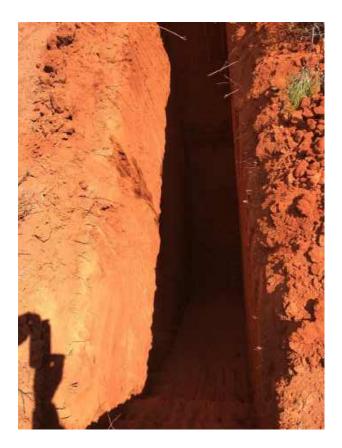


Plate 119: Test Pit TP-22



Plate 120: Test Pit TP-22





Plate 121: Test Pit TP-22

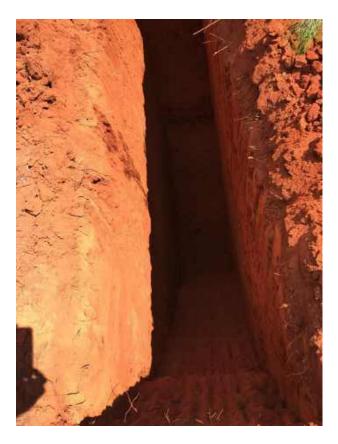


Plate 122: Test Pit TP-22





Plate 123: Test Pit TP-22



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP23

Sheet 1 of 1

JOB NUMBER: PE801-137/18

DEPTH (m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE		
 - 0.5 - 	SC SC		0.2m dense. TOPSOIL Sand particles are	fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium fine to medium, sub rounded. If the fine to medium, sub rounded. If the fine to medium grained, red brown, <u>moist</u> , medium dense. Clay content n.	-		
_ 1.0			Sand particles are	fine to medium, sub rounded.			
 - 2.0 -							
			3m — Toot pit TD22 torm				
- 3.5 — - 3.5 —			Test pit TP23 term	inated at depth 3 m			
- 4.0 —							
4.5 —							
1. Hole 2. Few 3. No si 4. No si 5. Pit si	NOTES: 1. Hole stopped at 3.0 m. Target depth. 2. Few small to large sized roots to 0.2m depth. 3. No samples. 4. No seepage. 5. Pit stable. 6. Coordinate system: M GA94, zone 51						
CONTRACTOR: Rapid Dam MACHINE: 45 T Excavator DATE EXCAVATED: 14/03/2017 DATE PROFILED: 14/03/2017 NORTHING: 6595147 m LOGGED BY: BZ CHECKED BY: EXCAVATION SIZE: 2.5mx7.0m ELEVATION: m							





Plate 124: Test Pit TP-23



Plate 125: Test Pit TP-23





Plate 126: Test Pit TP-23



Plate 127: Test Pit TP-23





Plate 128: Test Pit TP-23



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP24

Sheet 1 of 1

JOB NUMBER: PE801-137/18

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
	SC		0.0	SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense.	
-	SC		0.2m-	TOPSOIL Sand particles are fine to medium, sub rounded.	
. 0.5 —				SAND, clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content increase with depth. ALLUVIUM	
1.0				Sand particles are fine to medium, sub rounded.	
-					
1.5					
+	CL		1.7m-	CLAY , sandy, silty, low plasticity, red brown, <u>moist</u> , firm to stiff. ALLUVIUM	
2.0 _				Sand particles are fine to medium, sub rounded.	
2.5 —					
_					
3.0			3m -	Test pit TP24 terminated at depth 3 m	
3.5 —					
4.0 _					
4.5 —					
5.0 —					
-					
2. Few sa 3. No sar 4. No see 5. Pit sta	stopped a mall to l mples. epage. able.	arge sizo	. Target ded roots t	to 0.2m depth.	
. Coorc					
	ACTOR	: Rapid	Dam xcavator		509 m





Plate 129: Test Pit TP-24



Plate 130: Test Pit TP-24



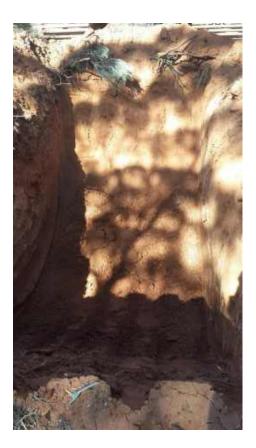


Plate 131: Test Pit TP-24



Plate 132: Test Pit TP-24



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP25

Sheet 1 of 1

Rev

JOB NUMBER: PE801-137/18

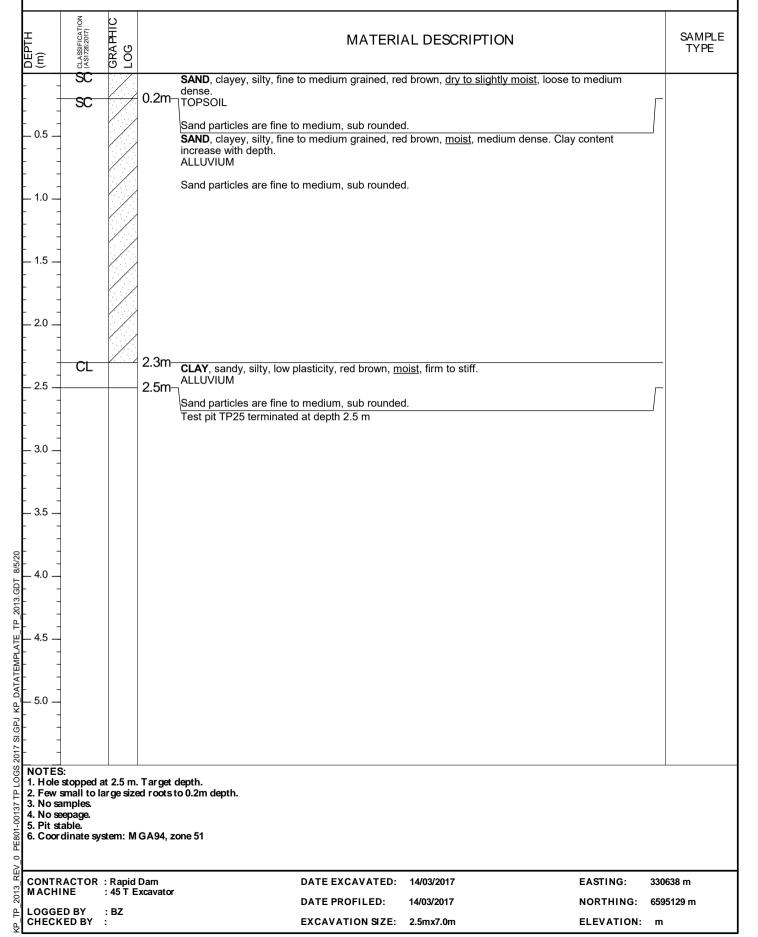






Plate 133: Test Pit TP-25



Plate 134: Test Pit TP-25





Plate 135: Test Pit TP-25



Plate 136: Test Pit TP-25





Plate 137: Test Pit TP-25



Plate 138: Test Pit TP-25



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: **TP26**Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

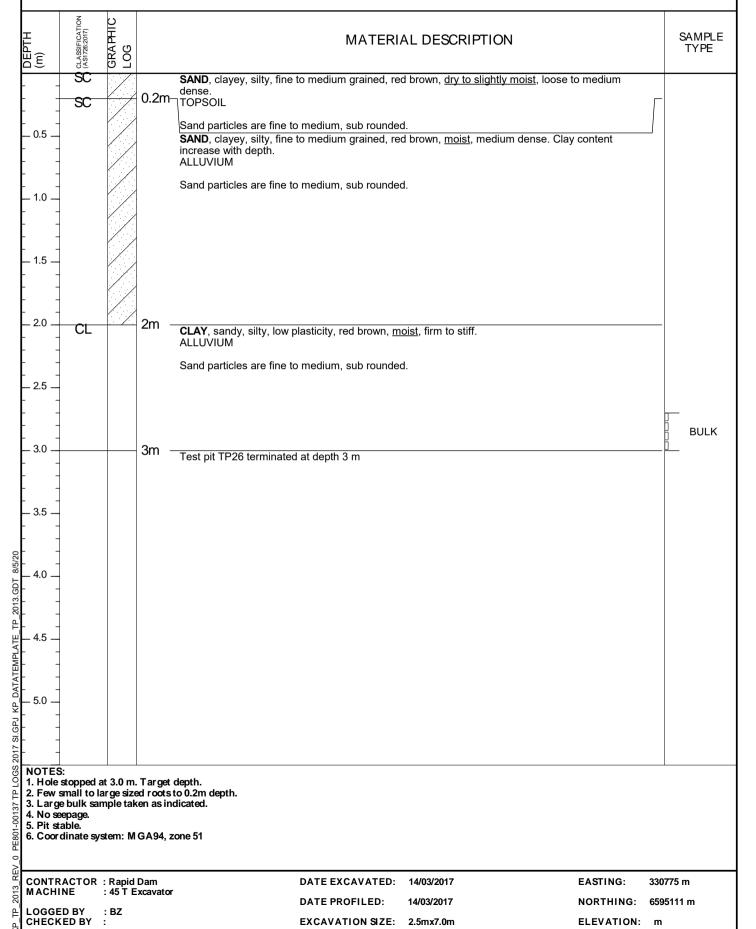






Plate 139: Test Pit TP-26



Plate 140: Test Pit TP-26





Plate 141: Test Pit TP-26



Plate 142: Test Pit TP-26





Plate 143: Test Pit TP-26



Plate 144: Test Pit TP-26



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: **TP27**Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

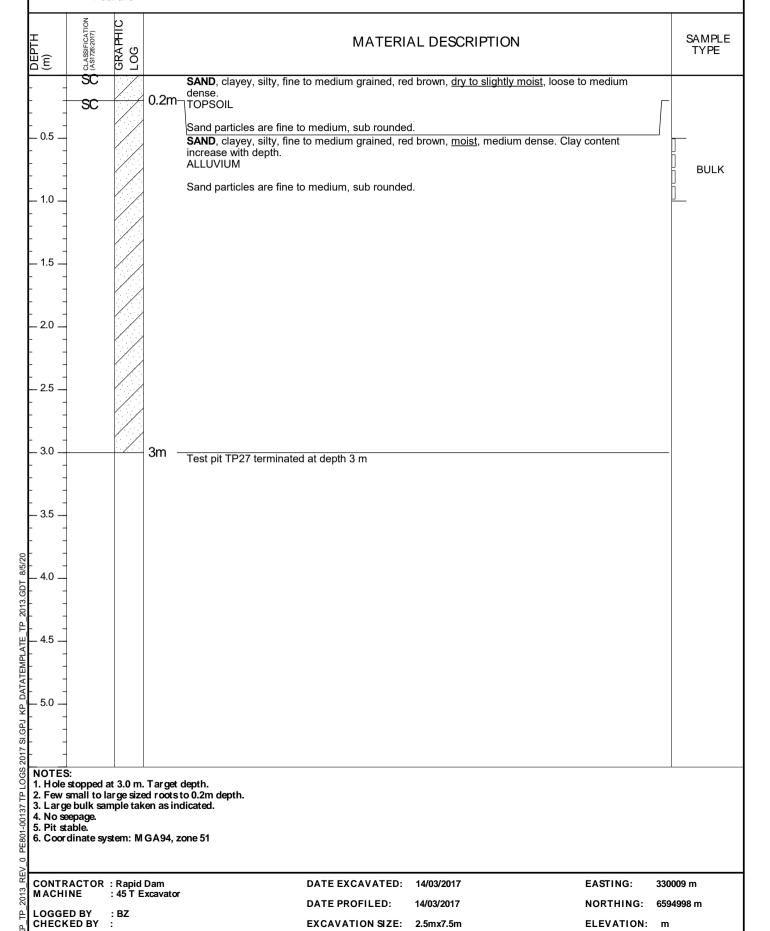






Plate 145: Test Pit TP-27



Plate 146: Test Pit TP-27





Plate 147: Test Pit TP-27



LOGGED BY : BZ CHECKED BY :

Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: **TP28**Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

NORTHING: 6595047 m

ELEVATION: m

DEPTH (m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense.	
1	SC		0.2m-TOPSOIL	_
0.5			Sand particles are fine to medium, sub rounded. SAND, clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content increase with depth. ALLUVIUM	
1.0			Sand particles are fine to medium, sub rounded.	
-				
1.5 —				
2.0 _				
-				
2.5 —				
3.0			3m Test pit TP28 terminated at depth 3 m	_
1				
3.5 _				
4.0 _				
-				
4.5 _				
5.0 —				
-				
Few san No sea	stopped a mall to la mples. epage. able.	arge siz	. Target depth. ed roots to 0.2m depth. GA94, zone 51	
ONTRA	ACTOR	: Rapid	Dam DATE EXCAVATED: 14/03/2017 EASTING: 33	0159 m
ACHII	NE	. 45 I E	excavator DATE PROFILED: 14/03/2017 NORTHING: 65	95047 m

DATE PROFILED:

EXCAVATION SIZE: 2.5mx7.5m





Plate 148: Test Pit TP-28



Plate 149: Test Pit TP-28



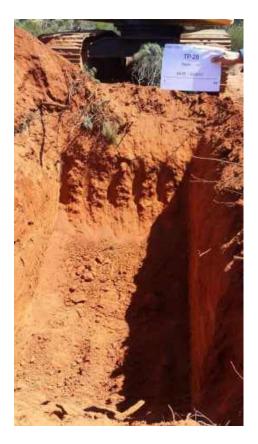


Plate 150: Test Pit TP-28



Plate 151: Test Pit TP-28





Plate 152: Test Pit TP-28



Plate 153: Test Pit TP-28



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP29

Sheet 1 of 1

JOB NUMBER: PE801-137/18

DEPTH (m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
 - 0.5 - 	SC SC		0.2m	SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded. SAND, clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content increase with depth. ALLUVIUM	
_ 1.0				Sand particles are fine to medium, sub rounded.	
 - 2.0 - 					
			3m —		
- 3.5 — - 3.5 —			3111	Test pit TP29 terminated at depth 3 m	
- 4.0 —					
4.5 —					
NOTES: 1. Hole stopped at 3.0 m. Target depth. 2. Few small to large sized roots to 0.2m depth. 3. No samples. 4. No seepage. 5. Pit stable. 6. Coordinate system: M GA94, zone 51 CONTRACTOR: Rapid Dam DATE EXCAVATED: 14/03/2017 EASTING: 330333 m MACHINE: 45 T Excavator DATE PROFILED: 14/03/2017 NORTHING: 6595047 m					
CONTRACTOR: Rapid Dam MACHINE: 45 T Excavator DATE EXCAVATED: 14/03/2017 DATE PROFILED: 14/03/2017 NORTHING: 6595047 m ELEVATION: m					





Plate 154: Test Pit TP-29



Plate 155: Test Pit TP-29





Plate 156: Test Pit TP-29



Plate 157: Test Pit TP-29





Plate 158: Test Pit TP-29



Plate 159: Test Pit TP-29



CONTRACTOR: Rapid Dam MACHINE: 45 T Excavator

LOGGED BY : BZ CHECKED BY :

Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP30

Sheet 1 of 1 Re

JOB NUMBER: PE801-137/18

DEPTH (m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
	SC			SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to medium	
				dense.	
<u> </u>	SC	1/	0.3m-	Sand particles are fine to medium, sub rounded.	
_ 0.5 _				SAND, clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content	
				increase with depth. ALLUVIUM	
-				Sand particles are fine to medium, sub rounded.	
1.0				Cana particles are line to medium, sub rounded.	
-					
1.5	CL	//	1.5m-	CLAY, sandy, silty, low plasticity, red brown, moist, firm to stiff.	
	OL			ALLUVIUM	
├				Sand particles are fine to medium, sub rounded.	
2.0					
+			2.1m-	Test pit TP30 terminated at depth 2.1 m	
- - 2.5 -					
3.0					
- 3.0 -					
_ 3.5 _					
-					
_ 4.0 _					
<u> 4.5 </u>					
[]					
-					
5.0					
<u> </u>					
-					
NOTES	·				
1. Holes	stopped a	t 2.1 m	Target	depth.	
3. No sa	mples.	ıı ye sızı	au rootst	to 0.2m depth.	
4. No se 5. Pit sta	able.				
6. Coord	dinate sys	tem: M	GA94, z	one 51	

DATE EXCAVATED:

EXCAVATION SIZE: 2.5mx7.5m

DATE PROFILED:

14/03/2017

14/03/2017

EASTING:

330509 m

NORTHING: 6595048 m

ELEVATION: m





Plate 160: Test Pit TP-30



Plate 161: Test Pit TP-30





Plate 162: Test Pit TP-30



Plate 163: Test Pit TP-30





Plate 164: Test Pit TP-30



LOGGED BY : BZ CHECKED BY :

Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP31

Sheet 1 of 1 Re

JOB NUMBER: PE801-137/18

NORTHING: 6595048 m

ELEVATION: m

	z				
(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
	SC			SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to medium	
1			0.2m		
I	SC		0.2111	TOPSOIL	
			1	Sand particles are fine to medium, sub rounded.	
0.5 —				SAND, clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content	
]				increase with depth. ALLUVIUM	
+			1		
1.0 _			-	Sand particles are fine to medium, sub rounded.	
-					
+					
1			1		
1.5 —					
]					
2.0 _		//	1		
2.0 —					
4					
1			1		
2.5 _			1		
-					
4					
3.0		<u> </u>	3m -	Test pit TP31 terminated at depth 3 m	
]					
-					
3.5 —					
+					
1					
4.0 —					
]					
4					
4.5 —					
4					
-					
]					
5.0 —					
1					
+					
. Few s . No sa . No se . Pit sta	stopped a small to la imples. epage.	arge siz	ed roots	to 0.2m depth.	
ONTR	ACTOR	: Rapid	Dam		659 m
ACHI	NE	. 40 I E	xcavator		5048 m

EXCAVATION SIZE: 2.5mx7.5m





Plate 165: Test Pit TP-31



Plate 166: Test Pit TP-31





Plate 167: Test Pit TP-31



Plate 168: Test Pit TP-31





Plate 169: Test Pit TP-31



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP32

Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

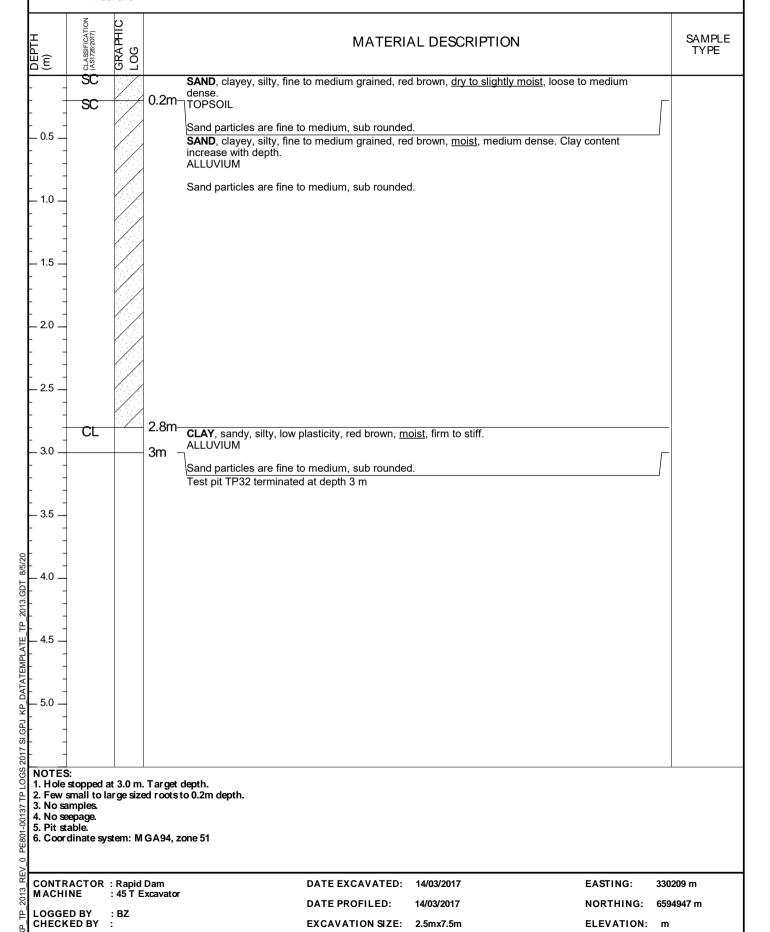






Plate 170: Test Pit TP-32



Plate 171: Test Pit TP-32

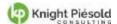




Plate 172: Test Pit TP-32



Plate 173: Test Pit TP-32



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP33

Sheet 1 of 1

Rev

JOB NUMBER: PE801-137/18

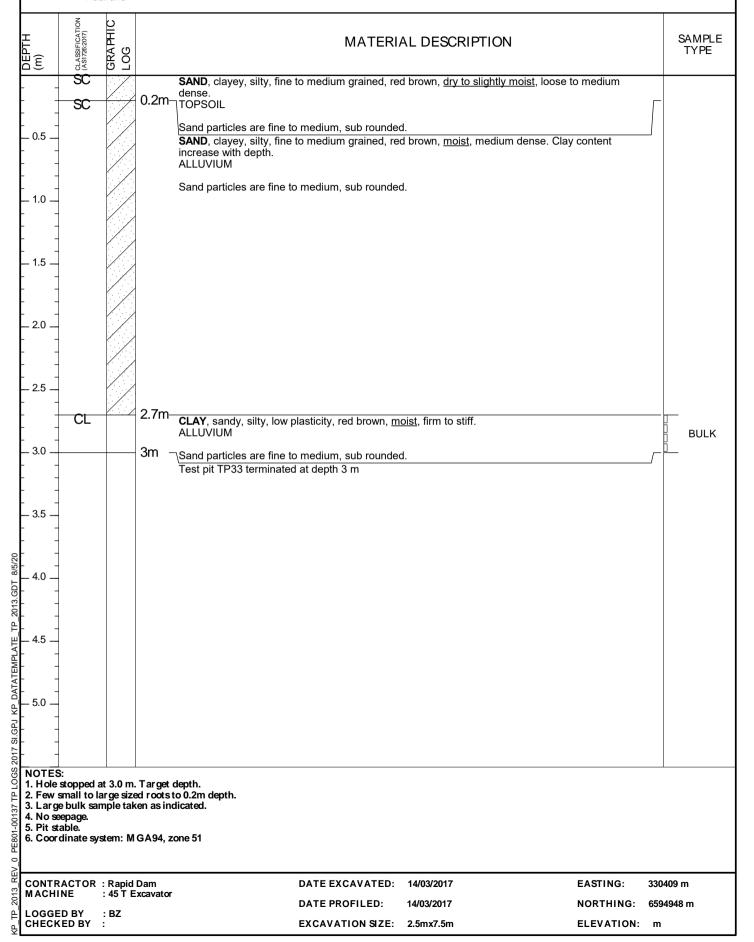






Plate 174: Test Pit TP-33

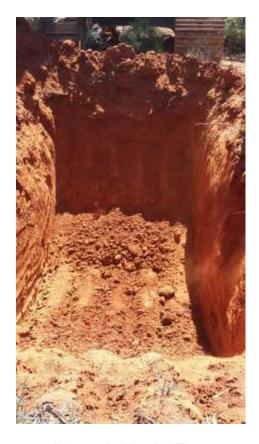


Plate 175: Test Pit TP-33





Plate 176: Test Pit TP-33



Plate 177: Test Pit TP-33





Plate 178: Test Pit TP-33



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP34

Sheet 1 of 1

JOB NUMBER: PE801-137/18

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLI TYPE
	SC	1/		SAND, clayey, silty, fine to medium grained, red brown, dry to slightly moist, loose to medium	
+	SC	//	0.2m-	dense. TOPSOIL	_
-	00				
0.5				Sand particles are fine to medium, sub rounded.]
. 0.0 _			}	SAND , clayey, silty, fine to medium grained, red brown, moist, medium dense. Clay content increase with depth	
4				increase with depth. ALLUVIUM	
1				Sand particles are fine to medium, sub rounded.	
1.0				Sand particles are line to medium, sub rounded.	
4					
+					
1					
1.5 —			-		
+					
]					
4					
2.0 _					
_					
]					
٠					
2.5					
]			1		
4					
3.0			3m -		
3.0			3111 -	Test pit TP34 terminated at depth 3 m	
+					
3.5 —					
4					
1					
]					
4.0					
1					
]					
4.5 —					
]					
4					
5.0 —					
J. J					
-					
NOTES					
. Hole s	stopped	at 3.0 m	. Target	depth.	
2. Few s 3. Nosa	mall to I mples	arge siz	ed rootst	o 0.2m depth.	
l. Nose	epage.				
5. Pit sta 6. Coord	able. dinate sv	stem: M	GA94, z	one 51	
			·, - -		
ONTR	ACTOR	: Ranid	Dam	DATE EXCAVATED: 14/03/2017 EASTING:	330609 m
ACHI	NE	: 45 T E	xcavator		
OCCE	D BY	: BZ		DATE PROFILED: 14/03/2017 NORTHING:	009494 <i>1</i> M
LUGGE	ED BY			EXCAVATION SIZE: 2.5mx7.0m ELEVATION:	





Plate 179: Test Pit TP-34



Plate 180: Test Pit TP-34





Plate 181: Test Pit TP-34



Plate 182: Test Pit TP-34





Plate 183: Test Pit TP-34



Mungari TSF Cell3 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP35

Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/18

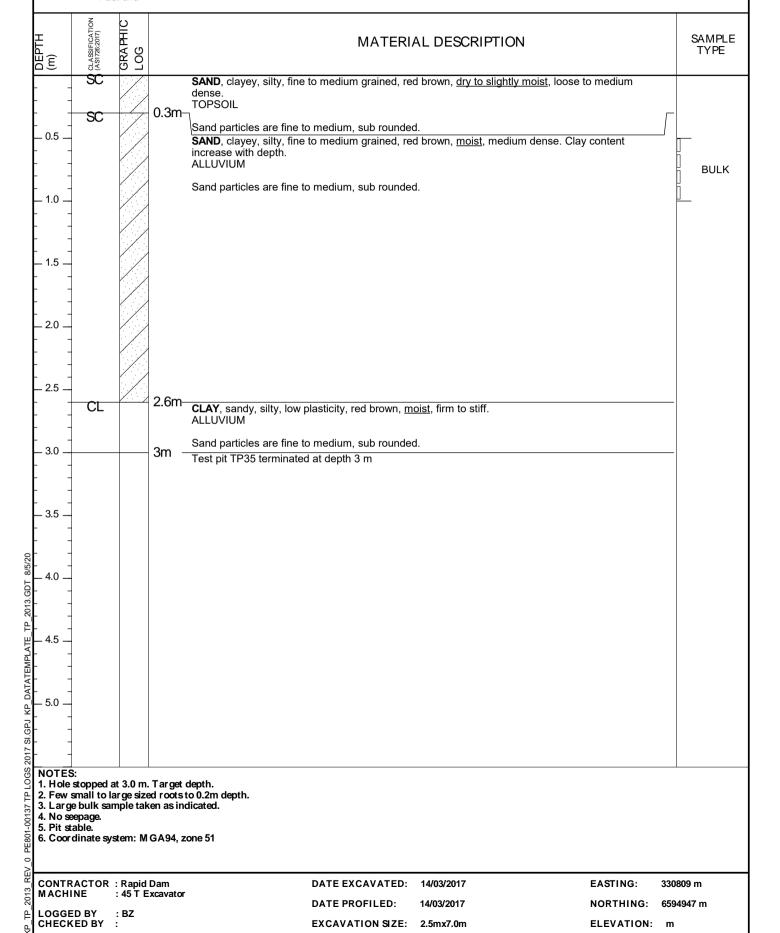






Plate 184: Test Pit TP-35



Plate 185: Test Pit TP-35





Plate 186: Test Pit TP-35



Plate 187: Test Pit TP-35





Plate 188: Test Pit TP-35



Plate 189: Test Pit TP-35





Plate 190: Test Pit TP-35



Plate 191: Test Pit TP-35





Plate 192: Test Pit TP-35



Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP-36

Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/41

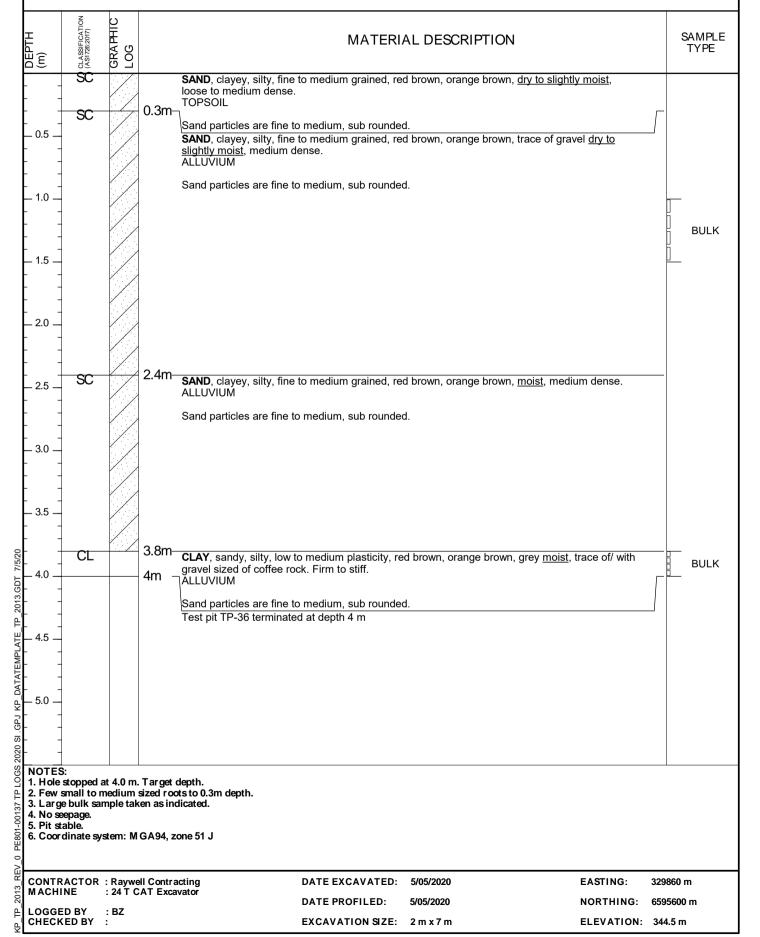






Plate 19393: Test Pit TP-36



Plate 19494: Test Pit TP-36





Plate 19595: Test Pit TP-36

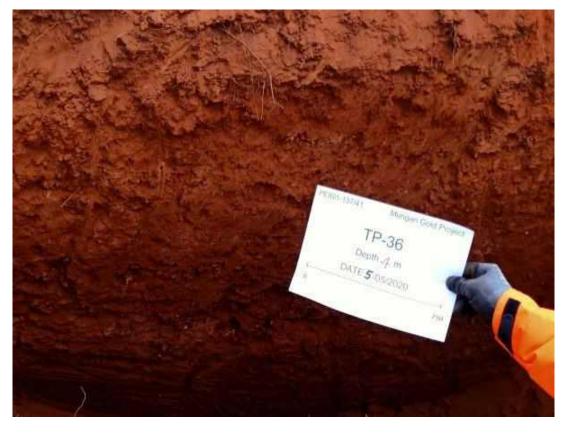


Plate 19696: Test Pit TP-36



Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP-37

Sheet 1 of 1

JOB NUMBER: PE801-137/41

(E)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
- - - 0.5 —	sc		0.3m-	Sand particles are fine to medium, sub rounded. SAND, clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel dry to slightly moist, medium dense.	
- 1.0 —				ALLUVIUM Sand particles are fine to medium, sub rounded.	
- 1.5 — -			4.0		
2.0 _	SC		1.8m-	SAND, clayey, silty, fine to medium grained, red brown, orange brown, moist, medium dense to dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.5 —					
3.0 —					
3.5	CL		3.4m- 3.5m-	CLAY, sandy, silty, low to medium plasticity, red brown, orange brown, grey moist, trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM Sand particles are fine to medium, sub rounded.	
4.0				Test pit TP-37 terminated at depth 3.5 m	
4.5 — - -					
5.0 —					

- No samples.
 No seepage.
 Pit stable. PE801-00137

6. Coordinate system: MGA94, zone 51 J

CONTRACTOR: Raywell Contracting MACHINE: 24 T CAT Excavator DATE EXCAVATED: 5/05/2020 EASTING: 329713 m DATE PROFILED: NORTHING: 6595597 m 5/05/2020 LOGGED BY : BZ CHECKED BY : EXCAVATION SIZE: 2 m x 7 m ELEVATION: 344 m





Plate 19797: Test Pit TP-37



Plate 19898: Test Pit TP-37





Plate 199: Test Pit TP-37



Plate 200: Test Pit TP-37



: BZ :

LOGGED BY CHECKED BY

Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

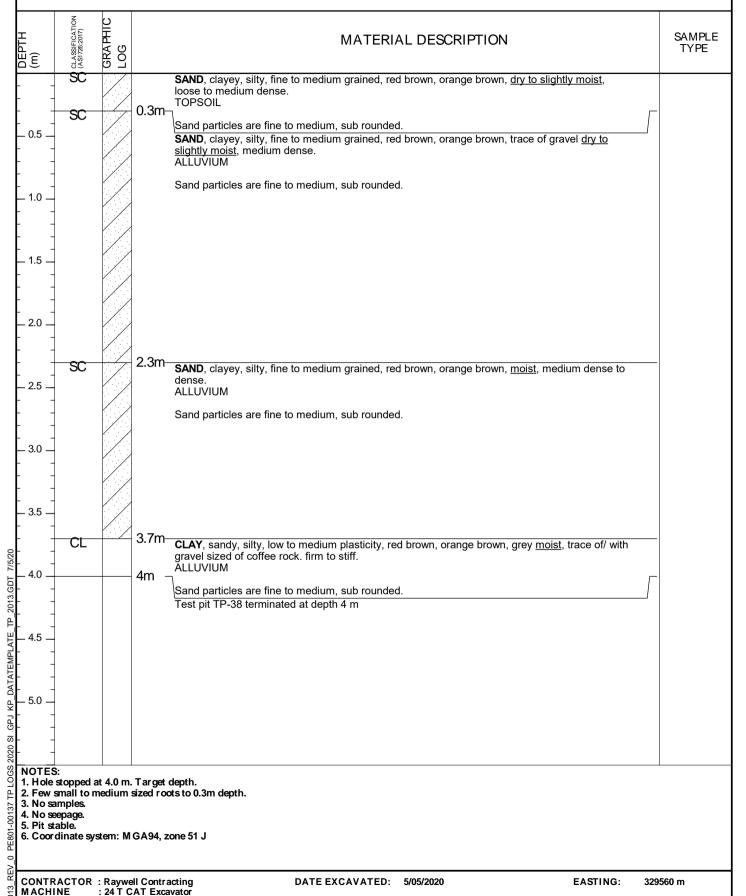
Australia, Kalgoorlie

TEST PIT: TP-38

Sheet 1 of 1

Rev

JOB NUMBER: PE801-137/41



DATE PROFILED:

EXCAVATION SIZE:

5/05/2020

2 m x 7 m

NORTHING:

ELEVATION: 344 m

6595600 m





Plate 201: Test Pit TP-38



Plate 202: Test Pit TP-38





Plate 203: Test Pit TP-38



Plate 204: Test Pit TP-38



Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP-39

Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/41

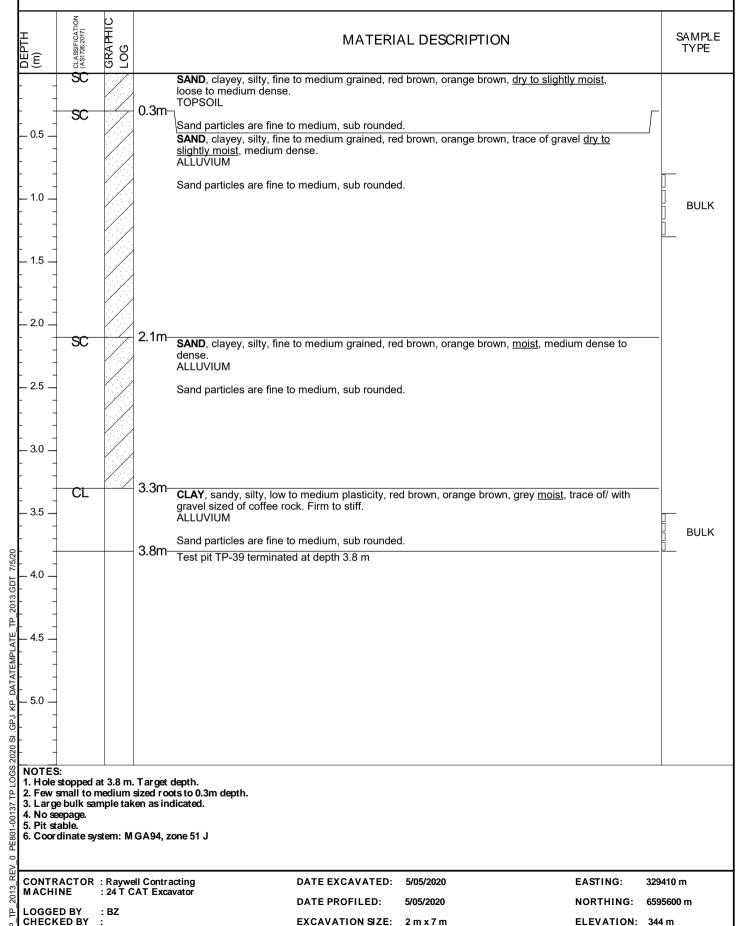






Plate 205: Test Pit TP-39



Plate 206: Test Pit TP-39





Plate 207: Test Pit TP-39



Plate 208: Test Pit TP-39



LOGGED BY CHECKED BY

Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

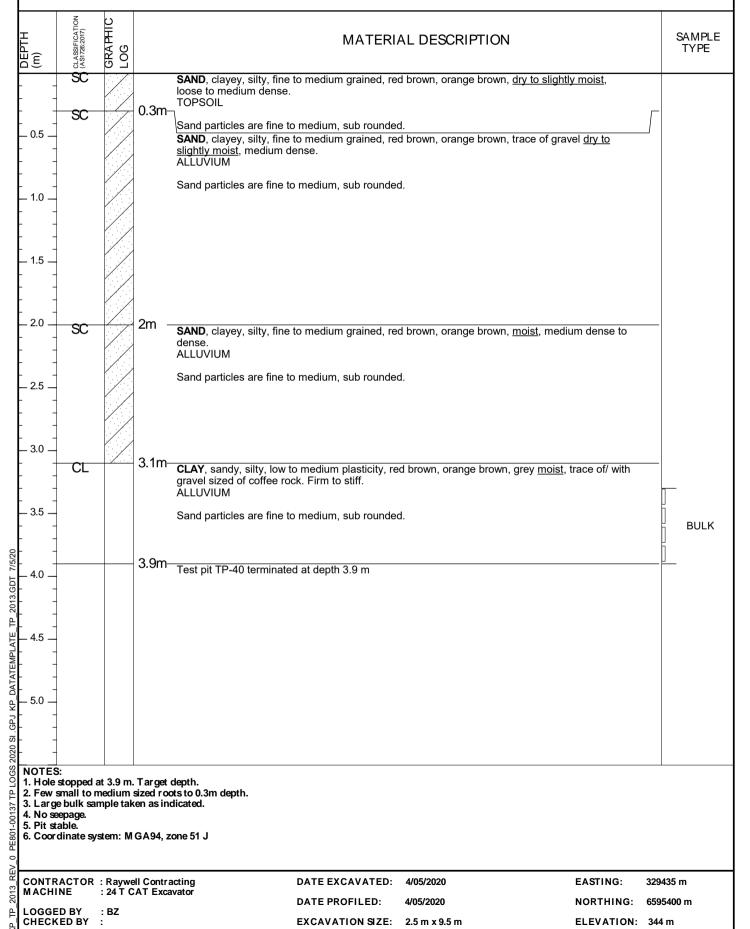
Australia, Kalgoorlie

TEST PIT: TP-40

Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/41

ELEVATION: 344 m



EXCAVATION SIZE:

2.5 m x 9.5 m





Plate 209: Test Pit TP-40



Plate 210: Test Pit TP-40





Plate 211: Test Pit TP-40



Plate 212: Test Pit TP-40



CONTRACTOR: Raywell Contracting

: BZ :

MACHINE

LOGGED BY CHECKED BY

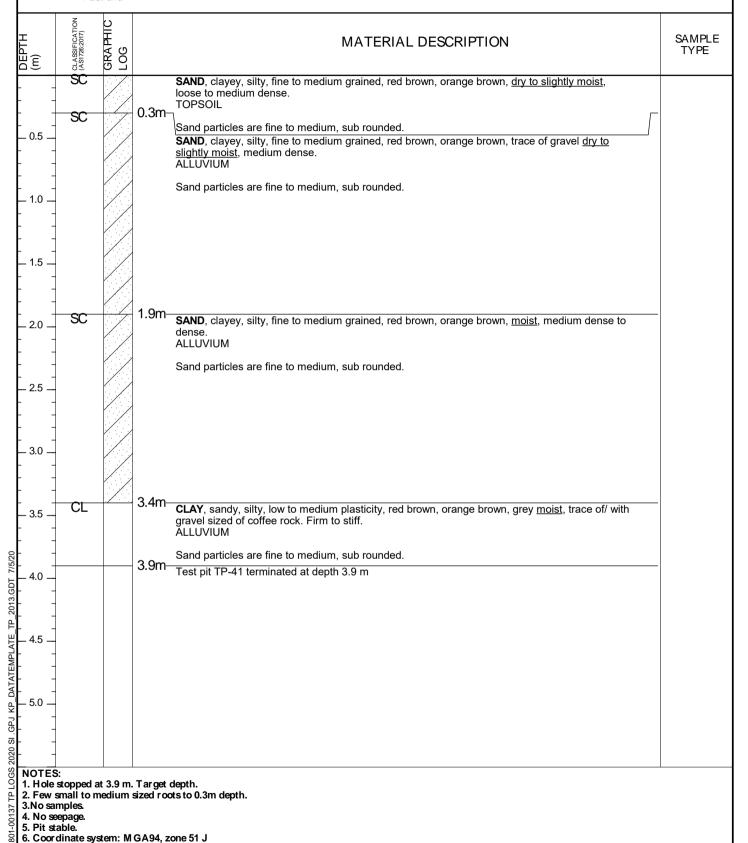
Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP-41

Sheet 1 of 1 Rev

JOB NUMBER: PE801-137/41



DATE EXCAVATED:

EXCAVATION SIZE:

DATE PROFILED:

4/05/2020

4/05/2020

2.5 m x 9.5 m

EASTING:

NORTHING:

ELEVATION: 344 m

329633 m

6595388 m





Plate 213: Test Pit TP-41



Plate 214: Test Pit TP-41





Plate 215: Test Pit TP-41



Plate 216: Test Pit TP-41



LOGGED BY : BZ CHECKED BY :

Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP-42

Sheet 1 of 1

JOB NUMBER: PE801-137/41

NORTHING: 6595400 m

ELEVATION: 344 m

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
-	SC			SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist,</u> loose to medium dense.	
1	SC	1/	0.3m-		
0.5				Sand particles are fine to medium, sub rounded. SAND, clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel dry to	
-				slightly moist, medium dense. ALLUVIUM	
1.0 _				Sand particles are fine to medium, sub rounded.	
- 0.1					
-					
1.5 —					
-					
-		//			
2.0	SC	1/	2m -	SAND, clayey, silty, fine to medium grained, red brown, orange brown, moist, medium dense to	
1	-			dense. ALLUVIUM	
-				Sand particles are fine to medium, sub rounded.	
2.5 —				cana parabose are into te integrani, cas realised.	
-					
_					
3.0 —					
-					
3.5 —	-01		3.5m-		_
-	CL		0.0111	gravel sized of coffee rock. Firm to stiff.] BULK
-			0.0	ÄLLUVIUM	
4.0 _			3.9m-	∖Sand particles are fine to medium, sub rounded. Test pit TP-42 terminated at depth 3.9 m	
-					
-					
4.5 _					
-					
_					
5.0 —					
-					
_					
Few s Large No se Pit sta	stopped a small to n e bulk san epage.	nedium mple tak	sized roo ken as ind	ots to 0.3m depth. dicated.	
ONTR.	ACTOR	: Raywe	ell Contra	acting DATE EXCAVATED: 4/05/2020 EASTING: 329	9835 m
ACHI	NE	: 24 T C	CAT Exca	ivator DATE PROFILED: 4/05/2020 NORTHING: 659	NE 400

DATE PROFILED:

EXCAVATION SIZE: 2 m x 9 m





Plate 217: Test Pit TP-42



Plate 218: Test Pit TP-42





Plate 219: Test Pit TP-42



Plate 220: Test Pit TP-42



CONTRACTOR: Raywell Contracting

: BZ :

: 24 T CAT Excavator

MACHINE

LOGGED BY

CHECKED BY

Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

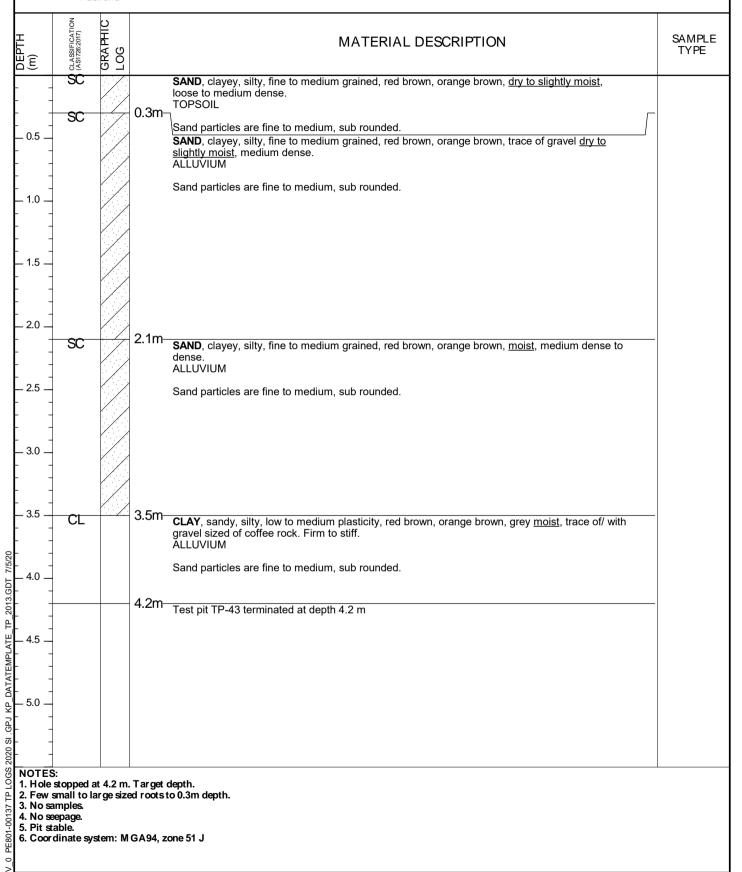
Australia, Kalgoorlie

TEST PIT: TP-43

Sheet 1 of 1

Rev

JOB NUMBER: PE801-137/41



DATE EXCAVATED:

EXCAVATION SIZE:

DATE PROFILED:

4/05/2020

4/05/2020

2 m x 9 m

EASTING:

NORTHING:

ELEVATION: 344 m

329655 m

6595300 m





Plate 221: Test Pit TP-43



Plate 222: Test Pit TP-43





Plate 223: Test Pit TP-43



Plate 224: Test Pit TP-43



LOGGED BY : BZ CHECKED BY :

Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP-44

Sheet 1 of 1 R

JOB NUMBER: PE801-137/41

NORTHING: 6595200 m

ELEVATION: 344 m

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
Έ	SC SC	<u> </u>		CAND allow the first transfer of the first t	
-			0.2m-	SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist,</u> loose to medium dense.	
-	SC		0.2111	TOT SOIL	
0.5 _				Sand particles are fine to medium, sub rounded. SAND, clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel dry to	J
-				slightly moist, medium dense. ALLUVIUM	
-			1	Sand particles are fine to medium, sub rounded.	BULK
1.0 —					
-					
-					
1.5 — -					
-					
_					
2.0 — -	sc	$\perp / _{-}$	2.1m-	SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>moist</u> , medium dense to	
-				dense. ALLUVIUM	
_ 2.5 —					
-				Sand particles are fine to medium, sub rounded.	
-					
3.0 —					
-					
-					
3.5 —	CL	//	3.5m-	CLAY, sandy, silty, low to medium plasticity, red brown, orange brown, grey moist, trace of/ with	
-				CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey moist, trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM	
-			3.9m-	Sand particles are fine to medium, sub rounded.	
4.0 <u> </u>				Test pit TP-44 terminated at depth 3.9 m	J
-					
4.5 — -					
-					
- 5.0 —					
-					
-					
OTES	<u> </u>				
Hole Few: Smal No se Pit st	stopped a small to n I bulk sar sepage.	nedium nple tak	sized roo en as ind	ots to 0.3m depth. dicated.	
ONTR	RACTOR	: Rayw	ell Contra	acting DATE EXCAVATED: 4/05/2020 EASTING: 3	329839 m
ACHI	INE	: 24 1 (CAT Exca		6595200 m

DATE PROFILED:

EXCAVATION SIZE: 2 m x 9 m





Plate 225: Test Pit TP-44



Plate 226: Test Pit TP-44





Plate 227: Test Pit TP-44



Plate 228: Test Pit TP-44



Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP-45

Sheet 1 of 1 Rev

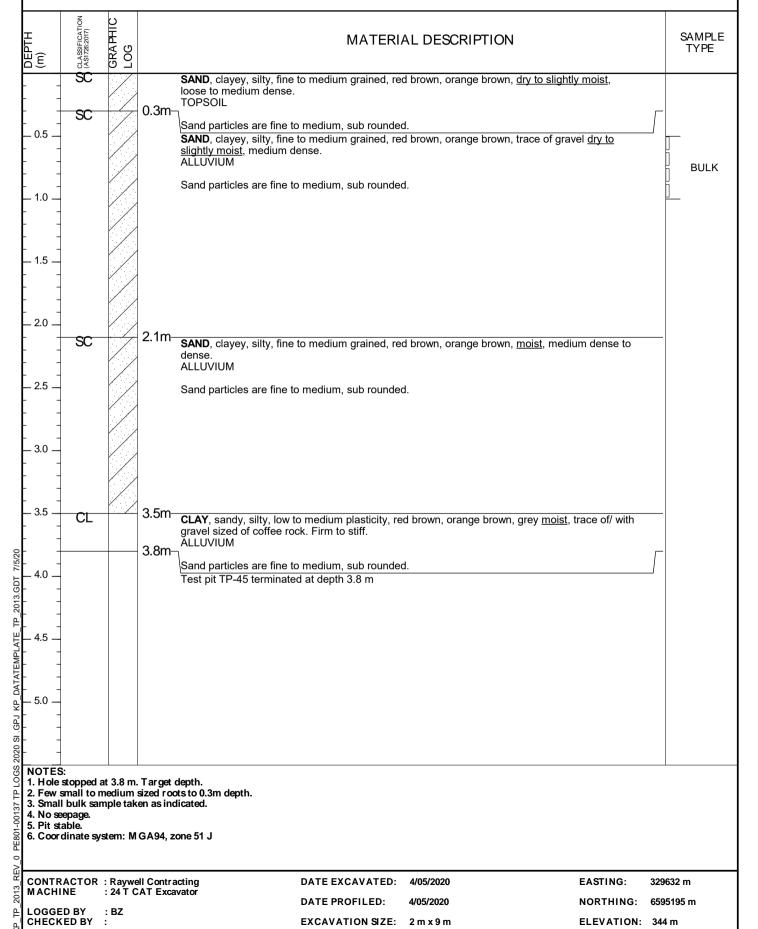






Plate 229: Test Pit TP-45



Plate 230: Test Pit TP-45





Plate 231: Test Pit TP-45



Plate 232: Test Pit TP-45



CONTRACTOR: Raywell Contracting

: BZ :

: 24 T CAT Excavator

MACHINE

LOGGED BY CHECKED BY

Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

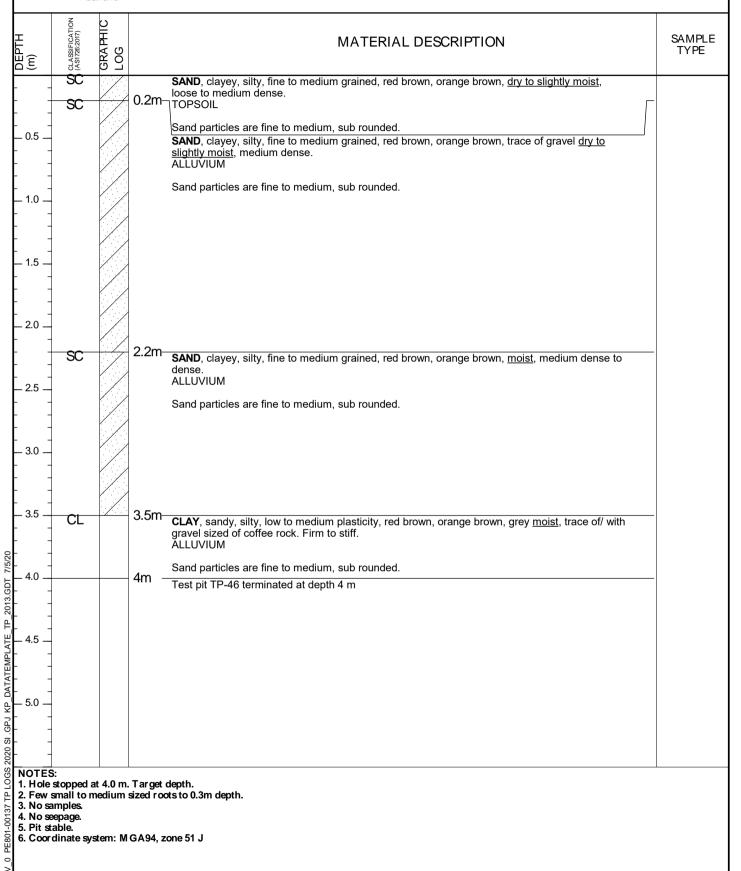
Australia, Kalgoorlie

TEST PIT: TP-46

Sheet 1 of 1

Rev

JOB NUMBER: PE801-137/41



DATE EXCAVATED:

EXCAVATION SIZE:

DATE PROFILED:

4/05/2020

4/05/2020

2 m x 9 m

EASTING:

NORTHING:

ELEVATION: 344 m

329439 m

6595195 m





Plate 233: Test Pit TP-46



Plate 234: Test Pit TP-46





Plate 235: Test Pit TP-46



Plate 236: Test Pit TP-46



Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP-47

Sheet 1 of 1

Rev

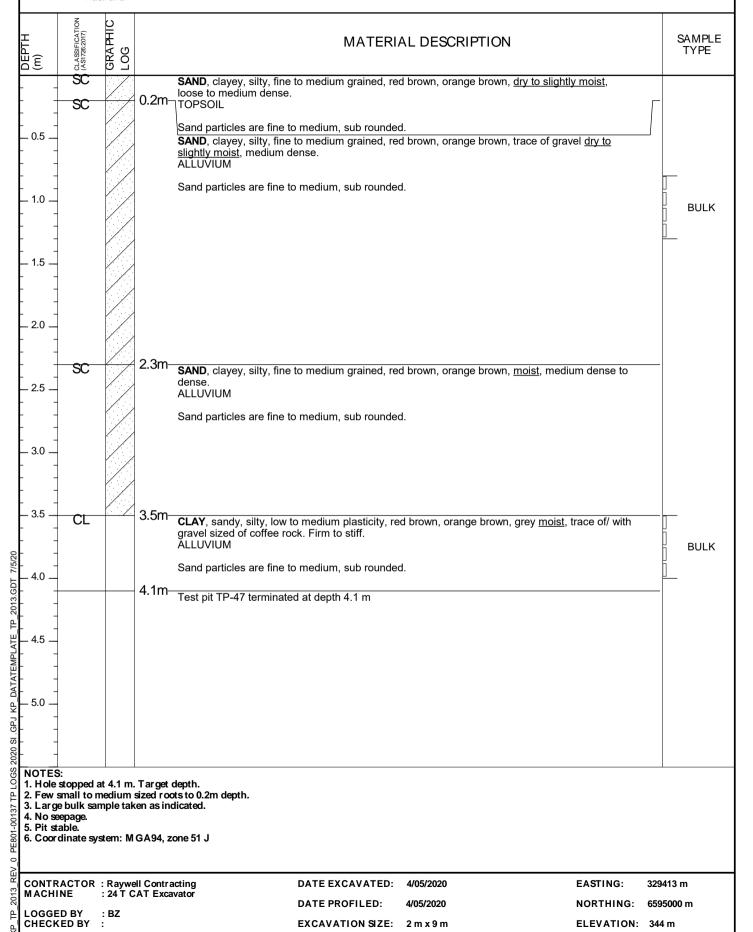






Plate 237: Test Pit TP-47



Plate 238: Test Pit TP-47





Plate 239: Test Pit TP-47



Plate 240: Test Pit TP-47



Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP-48

Sheet 1 of 1

JOB NUMBER: PE801-137/41

(E)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
-	SC SC		0.2m-	SAND, clayey, silty, fine to medium grained, red brown, orange brown, dry to slightly moist, loose to medium dense. TOPSOIL	
- - 0.5 — - -	50			Sand particles are fine to medium, sub rounded. SAND, clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel dry to slightly moist, medium dense. ALLUVIUM	
1.0 —				Sand particles are fine to medium, sub rounded.	
1.5 —					
2.0 _					
2.5 —	SC		2.3m-	SAND, clayey, silty, fine to medium grained, red brown, orange brown, moist, medium dense to dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.0 —					
3.5	CL		3.5m-	CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey moist, trace of/ with gravel sized of coffee rock. Firm to stiff.	
4.0 —				ALLUVIUM Sand particles are fine to medium, sub rounded.	
-			4.1m-	Test pit TP-48 terminated at depth 4.1 m	
4.5 —					
5.0 —					
IOTES: . Hole s . Few s . No sai	stopped a mall to r mples.	at 4.1 m nedium	. Target o	depth. xts to 0.2m depth.	

PE801-00137 6. Coordinate system: MGA94, zone 51 J

CONTRACTOR: Raywell Contracting MACHINE: 24 T CAT Excavator

LOGGED BY : BZ CHECKED BY :

DATE EXCAVATED: 4/05/2020 DATE PROFILED: 4/05/2020

2 m x 9 m

EXCAVATION SIZE:

EASTING:

329568 m NORTHING: 6595000 m

ELEVATION: 344 m





Plate 241: Test Pit TP-48



Plate 242: Test Pit TP-48





Plate 243: Test Pit TP-48



Plate 244: Test Pit TP-48



Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP-49

Sheet 1 of 1

Rev

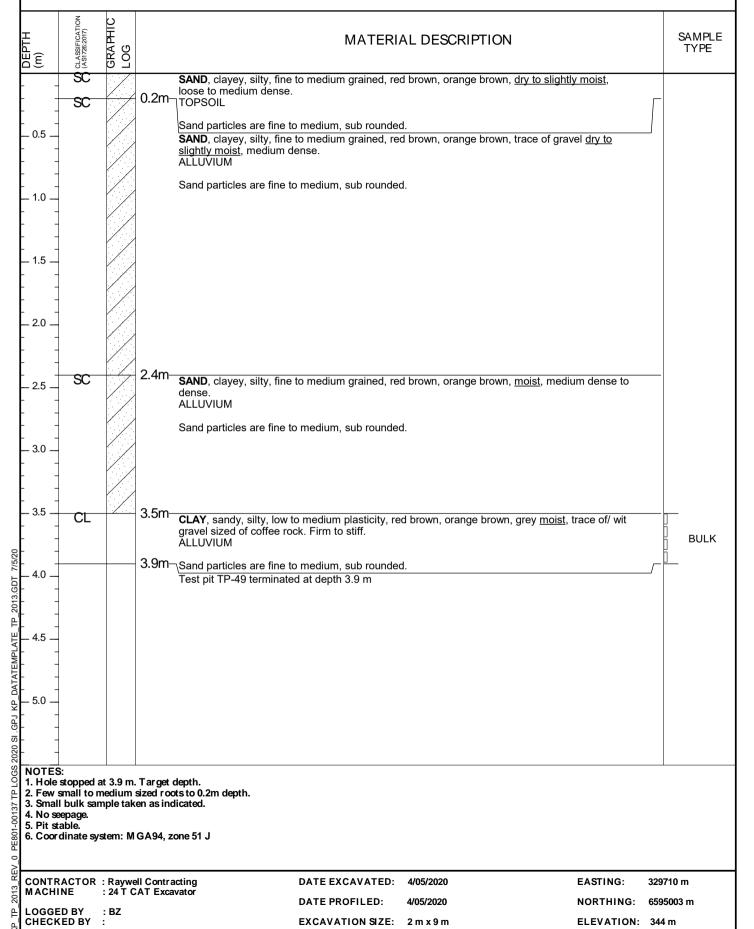






Plate 245: Test Pit TP-49



Plate 246: Test Pit TP-49





Plate 247: Test Pit TP-49



Plate 248: Test Pit TP-49



Mungari TSF Cell4 Project evolution mining TSF Cell3 and Cell4

Australia, Kalgoorlie

TEST PIT: TP-50

Sheet 1 of 1

(m)	CLASSIFICATION (AS1726:2017)	GRAPHIC LOG		MATERIAL DESCRIPTION	SAMPLE TYPE
- 0.5 —	SC		0.2m-	SAND, clayey, silty, fine to medium grained, red brown, orange brown, dry to slightly moist, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded. SAND, clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel dry to slightly moist, medium dense. ALLUVIUM	
. 1.0				Sand particles are fine to medium, sub rounded.	
1.5 —					
2.0	sc		2.2m-	SAND, clayey, silty, fine to medium grained, red brown, orange brown, moist, medium dense to	
2.5 —				dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.0	CL		3m -	CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey moist, trace of gravel sized of coffee rock. Firm to stiff. ALLUVIUM	BULK
3.5			3.5m-	Sand particles are fine to medium, sub rounded. Test pit TP-50 terminated at depth 3.5 m	
4.0					
4.5 —					
5.0 —					
2. Few so 3. Large 4. No see 5. Pit sta	stopped a mall to r bulk sar epage. able.	nedium mple tal	cen as inc	ots to 0.1m depth.	
ONTRA			ell Contra		877 m