

MUNGARI GOLD MINE CELL 3 SITE INVESTIGATION



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



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

**MUNGARI GOLD MINE
CELL 3 SITE INVESTIGATION**

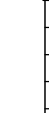
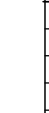
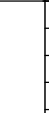
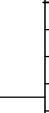
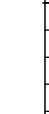
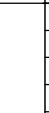
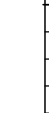


Plate 12: Borehole BH-02 – 19.0 to 23 m



Plate 13: BH-02 – 23 to 25.0 m

KP_BH_2013_REV_0_PES01-00137_BH LOGS 2017 SIG GP LKP DATA TEMPLATE_BH_2013.GDT 17/4/20

TCR (%)	SCR (%)	RQD (%)	FRACTURE FREQUENCY	GRAPHIC LOG	DEPTH (m)	MATERIAL DESCRIPTION	STRENGTH/CONSISTENCY	WEATHERING	DEFECTS/ADDITIONAL COMMENTS	IN SITU TESTING	SAMPLING (DEPTH IN m)
1	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					 4, 5, 6 N=11	
1.05	1.05	-	-		2						
-	-	-	-		2.5m	CLAY , sandy, trace gravel, low to medium plasticity, red brown, grey <u>moist</u> stiff to very stiff. Sand particles are fine to medium, sub rounded.	St - VSt			 4, 5, 8 N=13	
1.05	1.05	-	-		3						
-	-	-	-		4					 5, 7, 10 N=17	4.45
Push Cube	-	-	-		5	CLAY , silty, low to medium plasticity, light brown, grey, cream white <u>moist</u> stiff to very stiff					4.95
0.55	0.55	-	-		6					 4, 7, 13 N=20	
0.9	0.9	-	-		6.7m	CLAY , silty, trace gravel, low plasticity, red brown, cream white <u>moist</u> stiff to very stiff. Sand particles are fine to medium, sub rounded.	VSt - H				
1	1	-	-		7						
-	-	-	-		8	CLAY , silty, low plasticity, grey, greenish grey <u>moist</u> hard.				 16, 37, 55 N=92	
1.05	1.05	-	-		9					 37, -, - N=Refusal	

NOTES:



Standard Penetration Test



Undisturbed Sample

CONTRACTOR : Top Drill
MACHINE : De840 Rig6

LOGGED BY : BZ
CHECKED BY :

DATE STARTED : 19/03/2017
DATE PROFILED : 20/03/2017

HOLE SIZE : HQ

NORTHING : 6595291
EASTING : 330370

ELEVATION : -

INCLINATION: -90

TCR (%)	SCR (%)	RQD (%)	FRACTURE FREQUENCY	GRAPHIC LOG	DEPTH (m)	MATERIAL DESCRIPTION	STRENGTH/CONSISTENCY	WEATHERING	DEFECTS/ADDITIONAL COMMENTS	IN SITU TESTING	SAMPLING (DEPTH IN m)
1.5	1.5	-	-		11					30, 50/50mm (HB), - N =Refusal	
1.4	1.4	-	-		12						
1.4	1.4	-	-		13						
1.4	1.4	-	-		14					70/100mm (HB), "-" N =Refusal	
1.4	1.4	-	-		15						
1.5	1.5	-	-		16	15.8m CLAY , silty, low plasticity, grey, greenish grey, moist indurated, hard.					
1.5	1.5	-	-		17					21, 71/150mm (HB), - N =Refusal	
1.2	1.2	-	-		18						
1.5	1.5	-	-		19						
1.3	1.3	0.8	11		20	20.2m METADOLERITE clayey, non plastic, yellow brown, grey, moist extremely low to very low strength, extremely weathered.	ELS - VLS	XW		62/150mm (HB), "-" N =Refusal	
					21						

TCR (%)	SCR (%)	RQD (%)	FRACTURE FREQUENCY	GRAPHIC LOG	DEPTH (m)	MATERIAL DESCRIPTION	STRENGTH/ CONSISTENCY	WEATHERING	DEFECTS/ADDITIONAL COMMENTS	IN SITU TESTING	SAMPLING (DEPTH IN m)
1.2	1.2	0.95	8		22						
1.5	1.5	1.38	8		23						
					24						
0.7	0.7	0.6	3		25						
					25	Borehole BH 03 terminated at 25 m depth.					
					26						
					27						
					28						
					29						
					30						
					31						
					32						
					33						

MUNGARI GOLD MINE CELL 3 SITE INVESTIGATION



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



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

MUNGARI GOLD MINE CELL 3 SITE INVESTIGATION



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



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

**MUNGARI GOLD MINE
CELL 3 SITE INVESTIGATION**



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



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

MUNGARI GOLD MINE CELL 3 SITE INVESTIGATION

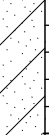
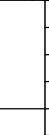
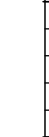
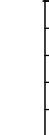
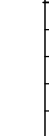
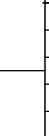
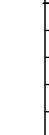
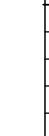
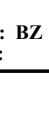


Plate 20: Borehole BH-03 – 19 to 22 m.



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

KP_BH_2013_REV_0_P801-00137_BH LOGS 2017 SLUG: KP_DATA/TEMPLATE_BH_2013_GDT_17/4/20

TCR (%)	SCR (%)	RQD (%)	FRACTURE FREQUENCY	GRAPHIC LOG	DEPTH (m)	MATERIAL DESCRIPTION	STRENGTH/CONSISTENCY	WEATHERING	DEFECTS/ADDITIONAL COMMENTS	IN SITU TESTING	SAMPLING (DEPTH IN m)
0.7	0.7	-	-		0m	SAND , clayey, non to low plastic, red brown <u>moist</u> medium dense. Sand particles are fine to medium, sub rounded.	MD				
-	-	-	-		1					 3, 3, 6 N=9	
1.05	1.05	-	-		2						
-	-	-	-		3					 4, 7, 12 N=19	
1.05	1.05	-	-		3m	CLAY , sandy, trace gravel, low to medium plasticity, red brown, grey <u>moist</u> stiff to very stiff. Sand particles are fine to medium, sub rounded.	St - VSt				
-	-	-	-		3.8m	CLAY , silty, low to medium plasticity, orange brown, yellow brown, grey, cream white <u>moist</u> very stiff to hard.				 6, 11, 10 N=21	4.45
Push Cube	-	-	-		5						4.95
0.4	0.4	-	-		6						
-	-	-	-		7					 7, 13, 17 N=30	
0	0	-	-		7.5m	CLAY , silty, low plasticity, light brown, grey, cream white <u>moist</u> very stiff to hard.	VSt - H				
1	1	-	-		8					 6, 11, 18 N=29	
-	-	-	-		9						
1.05	1.05	-	-								

NOTES:
 Undisturbed Sample

 Standard Penetration Test

 CONTRACTOR : Top Drill
 MACHINE : De840 Rig6

 LOGGED BY : BZ
 CHECKED BY :

 DATE STARTED : 21/03/2017
 DATE PROFILED : 22/03/2017
 HOLE SIZE : HQ

 NORTHING : 6594886
 EASTING : 330611
 ELEVATION : -

INCLINATION: -90

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	CLAY, silty, low plasticity, yellow brown, grey, cream white moist firm to stiff.				4, 9, 14 N=23	11.95
Push Tube	-	-	-		12						
0.55	0.55	-	-		13					6, 11, 20 N=31	12.45
-	-	-	-		14						
1.05	1.05	-	-		15					4, 9, 16 N=25	
-	-	-	-		16						
1.05	1.05	-	-		17					15, 70, 81 N=151	
-	-	-	-		18						
1.05	1.05	-	-		19					14, 42, 57 N=99	
-	-	-	-		20						
1.05	1.05	-	-		21					27, 87, 91 N=178	
1.5	1.5	-	-								

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	-	-		23						
					24						
0.5	0.5	-	-		25						
					26						
					27						
					28						
					29						
					30						
					31						
					32						
					33						

Borehole BH 04 terminated at 25 m depth.

MUNGARI GOLD MINE CELL 3 SITE INVESTIGATION



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



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

MUNGARI GOLD MINE CELL 3 SITE INVESTIGATION



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



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

MUNGARI GOLD MINE CELL 3 SITE INVESTIGATION



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



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

MUNGARI GOLD MINE CELL 3 SITE INVESTIGATION



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

APPENDIX B
Test Pit Logs and Photographs

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5			SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
1.0				
1.5				
2.0				
2.5				
2.8m			Test pit TP01 terminated at depth 2.8 m	
3.0				
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 2.8 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 15/03/2017

EASTING: 330009 m

LOGGED BY : BZ

DATE PROFILED: 15/03/2017

NORTHING: 6595598 m

CHECKED BY :

EXCAVATION SIZE: 1.2 m x 3.3 m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 1: Test Pit TP-01



Plate 2: Test Pit TP-01

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 3: Test Pit TP-01



Plate 4: Test Pit TP-01

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.9m			Test pit TP02 terminated at depth 2.9 m	

NOTES:

- Hole stopped at 2.9 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 15/03/2017

EASTING: 330179 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 15/03/2017

NORTHING: 6595639 m

EXCAVATION SIZE: 1.3 m x 3.3 m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 5: Test Pit TP-02



Plate 6: Test Pit TP-02

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 7: Test Pit TP-02



Plate 8: Test Pit TP-02

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 9: Test Pit TP-02



Plate 10: Test Pit TP-02

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.0			Test pit TP03 terminated at depth 3 m	

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 15/03/2017

EASTING: 330372 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 15/03/2017

NORTHING: 6595639 m

EXCAVATION SIZE: 1.3 m x 3.3 m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 11: Test Pit TP-03



Plate 12: Test Pit TP-03

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 13: Test Pit TP-03



Plate 14: Test Pit TP-03

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 15: Test Pit TP-03

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.8m			Test pit TP04 terminated at depth 2.8 m	BULK

NOTES:

- Hole stopped at 2.8 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 15/03/2017

EASTING: 330582 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 15/03/2017

NORTHING: 6595639 m

EXCAVATION SIZE: 1.3 m x 3.8 m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 16: Test Pit TP-04



Plate 17: Test Pit TP-04

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 18: Test Pit TP-04



Plate 19: Test Pit TP-04

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 20: Test Pit TP-04



Plate 21: Test Pit TP-04

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 22: Test Pit TP-04



Plate 23: Test Pit TP-04

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5m			SAND , clayey, silty, fine to medium grained, red brown, <u>moist</u> , medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.5m	CL		CLAY , sandy, silty, with some gravel, low plasticity, red brown, <u>moist</u> , firm to stiff. ALLUVIUM Sand particles are fine to medium, sub rounded.	BULK
3m			Test pit TP05 terminated at depth 3 m	

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 15/03/2017

EASTING: 330759 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 15/03/2017

NORTHING: 6595598 m

EXCAVATION SIZE: 1.2 m x 3.3 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 24: Test Pit TP-05



Plate 25: Test Pit TP-05

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 26: Test Pit TP-05



Plate 27: Test Pit TP-05

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 28: Test Pit TP-05



Plate 29: Test Pit TP-05

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
1.0				
1.5				
2.0				
2.5				
2.9m			Test pit TP06 terminated at depth 2.9 m	
3.0				
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 2.9 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 15/03/2017

EASTING: 330106 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 15/03/2017

NORTHING: 6595533 m

EXCAVATION SIZE: 1.4 m x 3.2 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 30: Test Pit TP-06



Plate 31: Test Pit TP-06

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 32: Test Pit TP-06



Plate 33: Test Pit TP-06

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 34: Test Pit TP-06

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded. SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.3m	CL		CLAY, sandy, silty, low plasticity, red brown, <u>moist</u>, firm to stiff. ALLUVIUM Sand particles are fine to medium, sub rounded.	BULK
3m			Test pit TP07 terminated at depth 3 m	

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 15/03/2017

EASTING: 330365 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 15/03/2017

NORTHING: 6595518 m

EXCAVATION SIZE: 1.3 m x 3.3 m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 35: Test Pit TP-07



Plate 36: Test Pit TP-07

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 37: Test Pit TP-07



Plate 38: Test Pit TP-07

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 39: Test Pit TP-07

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.0			Test pit TP08 terminated at depth 3 m	

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 15/03/2017

EASTING: 330643 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 15/03/2017

NORTHING: 6595518 m

EXCAVATION SIZE: 1.3 m x 3.8 m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 40: Test Pit TP-08



Plate 41: Test Pit TP-08

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 42: Test Pit TP-08



Plate 43: Test Pit TP-08

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 44: Test Pit TP-08

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL 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 Sand particles are fine to medium, sub rounded.	
1.0				
1.5				
2.0				
2.5				
2.9m			Test pit TP09 terminated at depth 2.9 m	
3.0				
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 2.9 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 15/03/2017

EASTING: 330009 m

LOGGED BY : BZ

DATE PROFILED: 15/03/2017

NORTHING: 6595447 m

CHECKED BY :

EXCAVATION SIZE: 1.4 m x 3.1 m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 45: Test Pit TP-09



Plate 46: Test Pit TP-09

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 47: Test Pit TP-09



Plate 48: Test Pit TP-09

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.1	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.0			Test pit TP10 terminated at depth 3 m	

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 15/03/2017

EASTING: 330183 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 15/03/2017

NORTHING: 6595439 m

EXCAVATION SIZE: 1.2 m x 3.2 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 49: Test Pit TP-10



Plate 50: Test Pit TP-10

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 51: Test Pit TP-10



Plate 52: Test Pit TP-10

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 53: Test Pit TP-10

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>moist</u> , medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.0			Test pit TP11 terminated at depth 3 m	BULK

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 16/03/2017

EASTING: 330100 m

LOGGED BY : BZ

DATE PROFILED: 16/03/2017

NORTHING: 6595339 m

CHECKED BY :

EXCAVATION SIZE: 1.2 m x 2.7 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 54: Test Pit TP-11



Plate 55: Test Pit TP-11

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 56: Test Pit TP-11



Plate 57: Test Pit TP-11

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 58: Test Pit TP-11

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	BULK
0.5m	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>moist</u> , medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.7m			Test pit TP12 terminated at depth 2.7 m	

NOTES:

- Hole stopped at 2.7 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 20/03/2017

EASTING: 330333 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 20/03/2017

NORTHING: 6595347 m

EXCAVATION SIZE: 1.2 m x 2.7 m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 59: Test Pit TP-12



Plate 60: Test Pit TP-12

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 61: Test Pit TP-12



Plate 62: Test Pit TP-12

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 63: Test Pit TP-12



Plate 64: Test Pit TP-12

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
1.0				
1.5				
2.0				
2.5				
2.8m			Test pit TP13 terminated at depth 2.8 m	
3.0				
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 2.8 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 20/03/2017

EASTING: 330509 m

DATE PROFILED: 20/03/2017

NORTHING: 6595348 m

LOGGED BY : BZ

CHECKED BY :

EXCAVATION SIZE: 1.0 m x 3.0 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 65: Test Pit TP-13



Plate 66: Test Pit TP-13

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 67: Test Pit TP-13



Plate 68: Test Pit TP-13

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 69: Test Pit TP-13

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
1.0				
1.5				
2.0				
2.5				
2.7m			Test pit TP14 terminated at depth 2.7 m	
3.0				
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 2.7 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 20/03/2017

EASTING: 330658 m

LOGGED BY : BZ

DATE PROFILED: 20/03/2017

NORTHING: 6595347 m

CHECKED BY :

EXCAVATION SIZE: 1.0 m x 3.0 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 70: Test Pit TP-14



Plate 71: Test Pit TP-14

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 72: Test Pit TP-14



Plate 73: Test Pit TP-14

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 74: Test Pit TP-14



Plate 75: Test Pit TP-14

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 76: Test Pit TP-14

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5m			SAND , clayey, silty, fine to medium grained, red brown, <u>moist</u> , medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.0m	CL		CLAY , sandy, silty, low plasticity, red brown, <u>moist</u> , firm to stiff. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.8m			Test pit TP15 terminated at depth 2.8 m	

NOTES:

- Hole stopped at 2.8 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 20/03/2017

EASTING: 330759 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 20/03/2017

NORTHING: 6595397 m

EXCAVATION SIZE: 1.0 m x 3.0 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 77: Test Pit TP-15



Plate 78: Test Pit TP-15

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 79: Test Pit TP-15



Plate 80: Test Pit TP-15

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 81: Test Pit TP-15



Plate 82: Test Pit TP-15

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	BULK
0.5m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.7m			Test pit TP16 terminated at depth 2.7 m	

NOTES:

- Hole stopped at 2.7 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 20/03/2017

EASTING: 330009 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 20/03/2017

NORTHING: 6595297 m

EXCAVATION SIZE: 1.0 m x 3.0 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 83: Test Pit TP-16



Plate 84: Test Pit TP-16

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 85: Test Pit TP-16



Plate 86: Test Pit TP-16

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.2	SC		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.	
1.5				
2.0				
2.5				
3.0			Test pit TP17 terminated at depth 3 m	
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 20/03/2017

EASTING: 330209 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 20/03/2017

NORTHING: 6595297 m

EXCAVATION SIZE: 1.2 m x 3.7 m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 87: Test Pit TP-17



Plate 88: Test Pit TP-17

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 89: Test Pit TP-17



Plate 90: Test Pit TP-17

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 91: Test Pit TP-17



Plate 92: Test Pit TP-17

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL 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 Sand particles are fine to medium, sub rounded.	
1.0				
1.5				
2.0				
2.5				
2.8m			Test pit TP18 terminated at depth 2.8 m	
3.0				
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 2.8 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 20/03/2017

EASTING: 330393 m

DATE PROFILED: 20/03/2017

NORTHING: 6595259 m

LOGGED BY : BZ

CHECKED BY :

EXCAVATION SIZE: 1.0 m x 3.0 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 93: Test Pit TP-18



Plate 94: Test Pit TP-18

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 95: Test Pit TP-18



Plate 96: Test Pit TP-18

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 97: Test Pit TP-18



Plate 98: Test Pit TP-18

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	BULK
0.5m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.7m			Test pit TP19 terminated at depth 2.7 m	

NOTES:

- Hole stopped at 2.7 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 20/03/2017

EASTING: 330591 m

LOGGED BY : BZ

DATE PROFILED: 20/03/2017

NORTHING: 6595220 m

CHECKED BY :

EXCAVATION SIZE: 1.0 m x 3.0 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 99: Test Pit TP-19



Plate 100: Test Pit TP-19

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 101: Test Pit TP-19



Plate 102: Test Pit TP-19

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 103: Test Pit TP-19



Plate 104: Test Pit TP-19

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.3	SC		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.	
1.5				
2.0				
2.5				
2.6	CL		CLAY , sandy, silty, low plasticity, red brown, <u>moist</u> , firm to stiff.	
2.7			ALLUVIUM	
3.0			Sand particles are fine to medium, sub rounded. Test pit TP20 terminated at depth 2.7 m	
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 2.7 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 20/03/2017

EASTING: 330759 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 20/03/2017

NORTHING: 6595197 m

EXCAVATION SIZE: 1.0 m x 3.0 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**

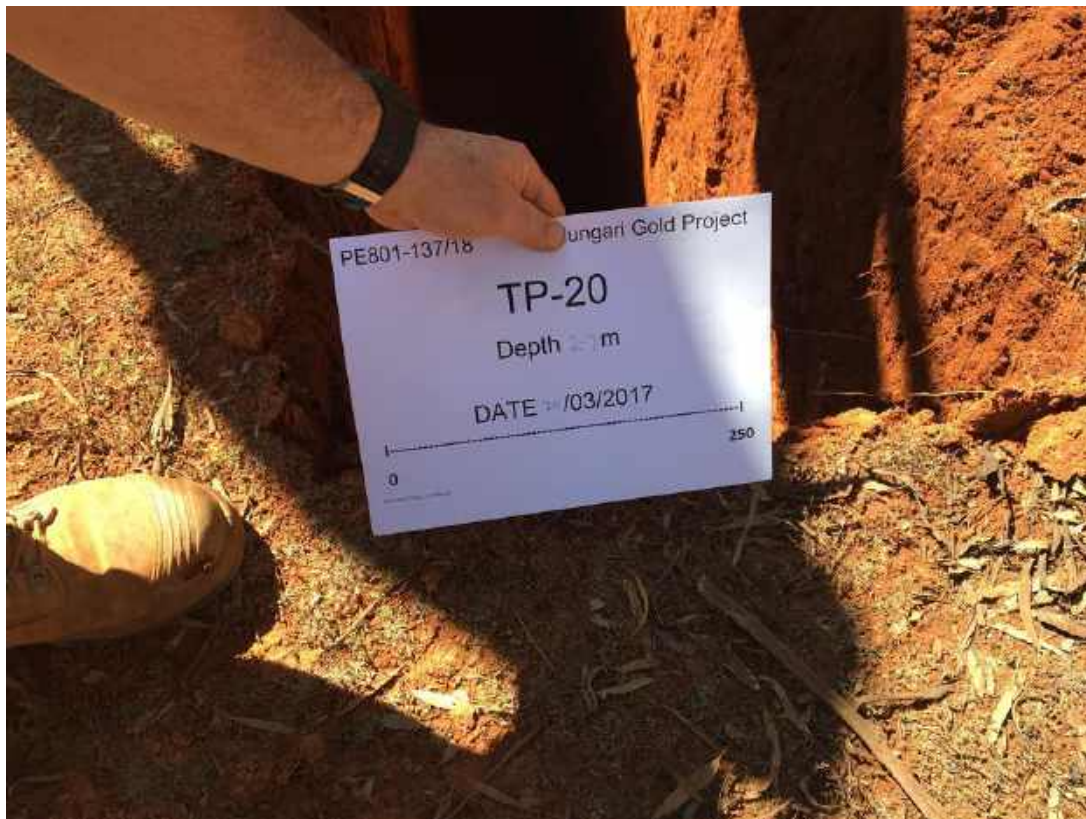


Plate 105: Test Pit TP-20



Plate 106: Test Pit TP-20

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 107: Test Pit TP-20



Plate 108: Test Pit TP-20

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 109: Test Pit TP-20



Plate 110: Test Pit TP-20

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 111: Test Pit TP-20

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.2	SC		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.	
1.5				
2.0				
2.5				
3.0			Test pit TP21 terminated at depth 3 m	
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 20/03/2017

EASTING: 330009 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 20/03/2017

NORTHING: 6595147 m

EXCAVATION SIZE: 1.0 m x 2.8 m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 112: Test Pit TP-21



Plate 113: Test Pit TP-21

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 114: Test Pit TP-21



Plate 115: Test Pit TP-21

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 116: Test Pit TP-21

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.05m			Test pit TP22 terminated at depth 3.05 m	

NOTES:

- Hole stopped at 3.05 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Kirkby Bobcat and Excavations
 MACHINE : 5 T Excavator

DATE EXCAVATED: 20/03/2017

EASTING: 330159 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 20/03/2017

NORTHING: 6595173 m

EXCAVATION SIZE: 1.0 m x 3.8 m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 117: Test Pit TP-22



Plate 118: Test Pit TP-22

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 119: Test Pit TP-22



Plate 120: Test Pit TP-22

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 121: Test Pit TP-22



Plate 122: Test Pit TP-22

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 123: Test Pit TP-22

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.2	SC		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.	
1.5				
2.0				
2.5				
3.0			Test pit TP23 terminated at depth 3 m	
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330333 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6595147 m

EXCAVATION SIZE: 2.5mx7.0m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 124: Test Pit TP-23



Plate 125: Test Pit TP-23

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 126: Test Pit TP-23



Plate 127: Test Pit TP-23

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 128: Test Pit TP-23

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5m			SAND , clayey, silty, fine to medium grained, red brown, <u>moist</u> , medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
1.7m	CL		CLAY , sandy, silty, low plasticity, red brown, <u>moist</u> , firm to stiff. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.0m			Test pit TP24 terminated at depth 3 m	

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330509 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6595148 m

EXCAVATION SIZE: 3.0mx8.0m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 129: Test Pit TP-24



Plate 130: Test Pit TP-24

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 131: Test Pit TP-24



Plate 132: Test Pit TP-24

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL 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 Sand particles are fine to medium, sub rounded.	
2.3m	CL		CLAY , sandy, silty, low plasticity, red brown, <u>moist</u> , firm to stiff. ALLUVIUM	
2.5m			Sand particles are fine to medium, sub rounded. Test pit TP25 terminated at depth 2.5 m	
3.0				
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 2.5 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330638 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6595129 m

EXCAVATION SIZE: 2.5mx7.0m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 133: Test Pit TP-25



Plate 134: Test Pit TP-25

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 135: Test Pit TP-25



Plate 136: Test Pit TP-25

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 137: Test Pit TP-25



Plate 138: Test Pit TP-25

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.2	SC		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.	
1.5				
2.0	CL		CLAY , sandy, silty, low plasticity, red brown, <u>moist</u> , firm to stiff. ALLUVIUM	
2.5			Sand particles are fine to medium, sub rounded.	
3.0			Test pit TP26 terminated at depth 3 m	BULK
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330775 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6595111 m

EXCAVATION SIZE: 2.5mx7.0m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 139: Test Pit TP-26



Plate 140: Test Pit TP-26

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 141: Test Pit TP-26



Plate 142: Test Pit TP-26

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 143: Test Pit TP-26



Plate 144: Test Pit TP-26

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u>, loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	BULK
0.5m	SC		SAND, clayey, silty, fine to medium grained, red brown, <u>moist</u>, medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.0m			Test pit TP27 terminated at depth 3 m	

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330009 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6594998 m

EXCAVATION SIZE: 2.5mx7.5m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 145: Test Pit TP-27



Plate 146: Test Pit TP-27

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 147: Test Pit TP-27

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.2	SC		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.	
1.5				
2.0				
2.5				
3.0			Test pit TP28 terminated at depth 3 m	
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330159 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6595047 m

EXCAVATION SIZE: 2.5mx7.5m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 148: Test Pit TP-28



Plate 149: Test Pit TP-28

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 150: Test Pit TP-28



Plate 151: Test Pit TP-28

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 152: Test Pit TP-28



Plate 153: Test Pit TP-28

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.2	SC		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.	
1.5				
2.0				
2.5				
3.0			Test pit TP29 terminated at depth 3 m	
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330333 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6595047 m

EXCAVATION SIZE: 2.5mx7.5m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 154: Test Pit TP-29



Plate 155: Test Pit TP-29

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 156: Test Pit TP-29



Plate 157: Test Pit TP-29

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 158: Test Pit TP-29



Plate 159: Test Pit TP-29

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.3	SC		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.	
1.5	CL		CLAY , sandy, silty, low plasticity, red brown, <u>moist</u> , firm to stiff. ALLUVIUM	
2.0			Sand particles are fine to medium, sub rounded.	
2.1			Test pit TP30 terminated at depth 2.1 m	
2.5				
3.0				
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 2.1 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330509 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6595048 m

EXCAVATION SIZE: 2.5mx7.5m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 160: Test Pit TP-30



Plate 161: Test Pit TP-30

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 162: Test Pit TP-30



Plate 163: Test Pit TP-30

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 164: Test Pit TP-30

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.2	SC		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.	
1.5				
2.0				
2.5				
3.0			Test pit TP31 terminated at depth 3 m	
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330659 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6595048 m

EXCAVATION SIZE: 2.5mx7.5m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 165: Test Pit TP-31



Plate 166: Test Pit TP-31

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 167: Test Pit TP-31



Plate 168: Test Pit TP-31

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 169: Test Pit TP-31

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5m			SAND , clayey, silty, fine to medium grained, red brown, <u>moist</u> , medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.8m	CL		CLAY , sandy, silty, low plasticity, red brown, <u>moist</u> , firm to stiff. ALLUVIUM	
3m			Sand particles are fine to medium, sub rounded. Test pit TP32 terminated at depth 3 m	

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330209 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6594947 m

EXCAVATION SIZE: 2.5mx7.5m

ELEVATION: m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 170: Test Pit TP-32



Plate 171: Test Pit TP-32

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 172: Test Pit TP-32



Plate 173: Test Pit TP-32

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5m			SAND , clayey, silty, fine to medium grained, red brown, <u>moist</u> , medium dense. Clay content increase with depth. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.7m	CL		CLAY , sandy, silty, low plasticity, red brown, <u>moist</u> , firm to stiff. ALLUVIUM	BULK
3m			Sand particles are fine to medium, sub rounded. Test pit TP33 terminated at depth 3 m	

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: M GA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330409 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6594948 m

EXCAVATION SIZE: 2.5mx7.5m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 174: Test Pit TP-33



Plate 175: Test Pit TP-33

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 176: Test Pit TP-33



Plate 177: Test Pit TP-33

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 178: Test Pit TP-33

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.2	SC		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.	
1.5				
2.0				
2.5				
3.0			Test pit TP34 terminated at depth 3 m	
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330609 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6594947 m

EXCAVATION SIZE: 2.5mx7.0m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 179: Test Pit TP-34



Plate 180: Test Pit TP-34

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 181: Test Pit TP-34



Plate 182: Test Pit TP-34

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 183: Test Pit TP-34

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.3	SC		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.	
1.5				
2.0				
2.5				
2.6	CL		CLAY , sandy, silty, low plasticity, red brown, <u>moist</u> , firm to stiff. ALLUVIUM	
3.0			Sand particles are fine to medium, sub rounded.	
3.0			Test pit TP35 terminated at depth 3 m	
3.5				
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.0 m. Target depth.
- Few small to large sized roots to 0.2m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51

 CONTRACTOR : Rapid Dam
 MACHINE : 45 T Excavator

DATE EXCAVATED: 14/03/2017

EASTING: 330809 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 14/03/2017

NORTHING: 6594947 m

EXCAVATION SIZE: 2.5mx7.0m

ELEVATION: m

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 184: Test Pit TP-35



Plate 185: Test Pit TP-35

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 186: Test Pit TP-35



Plate 187: Test Pit TP-35

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 188: Test Pit TP-35



Plate 189: Test Pit TP-35

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 190: Test Pit TP-35



Plate 191: Test Pit TP-35

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 192: Test Pit TP-35



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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

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.3	SC		Sand particles are fine to medium, sub rounded.	
0.5			SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM	
1.0			Sand particles are fine to medium, sub rounded.	
1.5				
2.0				
2.4	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>moist</u> , medium dense. ALLUVIUM	
3.0			Sand particles are fine to medium, sub rounded.	
3.5				
3.8	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff.	
4.0			ALLUVIUM	
4.0			Sand particles are fine to medium, sub rounded.	
4.0			Test pit TP-36 terminated at depth 4 m	
4.5				
5.0				

NOTES:

1. Hole stopped at 4.0 m. Target depth.
2. Few small to medium sized roots to 0.3m depth.
3. Large bulk sample taken as indicated.
4. No seepage.
5. Pit stable.
6. Coordinate system: MGA94, zone 51 J

CONTRACTOR : Raywell Contracting
MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 5/05/2020

EASTING: 329860 m

LOGGED BY : BZ
CHECKED BY :

DATE PROFILED: 5/05/2020

NORTHING: 6595600 m

EXCAVATION SIZE: 2 m x 7 m

ELEVATION: 344.5 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 19393: Test Pit TP-36



Plate 19494: Test Pit TP-36

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 19595: Test Pit TP-36



Plate 19696: Test Pit TP-36

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.3	SC		Sand particles are fine to medium, sub rounded.	
0.5			SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM	
1.0			Sand particles are fine to medium, sub rounded.	
1.8	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>moist</u> , medium dense to dense. ALLUVIUM	
2.0			Sand particles are fine to medium, sub rounded.	
3.4				
3.5	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM	
3.5			Sand particles are fine to medium, sub rounded.	
4.0			Test pit TP-37 terminated at depth 3.5 m	
4.5				
5.0				

NOTES:

- Hole stopped at 3.5 m. Target depth.
- Few small to medium sized roots to 0.3m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51 J

 CONTRACTOR : Raywell Contracting
 MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 5/05/2020

EASTING: 329713 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 5/05/2020

NORTHING: 6595597 m

EXCAVATION SIZE: 2 m x 7 m

ELEVATION: 344 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 19797: Test Pit TP-37



Plate 19898: Test Pit TP-37

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 199: Test Pit TP-37



Plate 200: Test Pit TP-37

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.3	SC		Sand particles are fine to medium, sub rounded.	
0.5			SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM	
1.0			Sand particles are fine to medium, sub rounded.	
1.5				
2.0				
2.3	SC		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				
3.7	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. firm to stiff. ALLUVIUM	
4.0			Sand particles are fine to medium, sub rounded. Test pit TP-38 terminated at depth 4 m	
4.5				
5.0				

NOTES:

- Hole stopped at 4.0 m. Target depth.
- Few small to medium sized roots to 0.3m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51 J

 CONTRACTOR : Raywell Contracting
 MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 5/05/2020

EASTING: 329560 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 5/05/2020

NORTHING: 6595600 m

EXCAVATION SIZE: 2 m x 7 m

ELEVATION: 344 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 201: Test Pit TP-38



Plate 202: Test Pit TP-38

MUNGARI GOLD MINE CELL 3 AND CELL 4 SITE INVESTIGATION



Plate 203: Test Pit TP-38



Plate 204: Test Pit TP-38



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TEST PIT: **TP-39**

Sheet 1 of 1

Rev

JOB NUMBER: PE801-137/41

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.3	SC		Sand particles are fine to medium, sub rounded.	
0.5			SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM	
1.0			Sand particles are fine to medium, sub rounded.	BULK
2.0				
2.1	SC		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				
3.3	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM	
3.8			Sand particles are fine to medium, sub rounded. Test pit TP-39 terminated at depth 3.8 m	BULK
4.0				
4.5				
5.0				

NOTES:

1. Hole stopped at 3.8 m. Target depth.
2. Few small to medium sized roots to 0.3m depth.
3. Large bulk sample taken as indicated.
4. No seepage.
5. Pit stable.
6. Coordinate system: MGA94, zone 51 J

CONTRACTOR : Raywell Contracting
MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 5/05/2020

EASTING: 329410 m

LOGGED BY : BZ
CHECKED BY :

DATE PROFILED: 5/05/2020

NORTHING: 6595600 m

EXCAVATION SIZE: 2 m x 7 m

ELEVATION: 344 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 205: Test Pit TP-39



Plate 206: Test Pit TP-39

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 207: Test Pit TP-39



Plate 208: Test Pit TP-39



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TEST PIT: **TP-40**

Sheet 1 of 1

Rev

JOB NUMBER: PE801-137/41

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.3	SC		Sand particles are fine to medium, sub rounded.	
0.5			SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM	
1.0			Sand particles are fine to medium, sub rounded.	
2.0	SC		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.	
3.1	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM	
3.5			Sand particles are fine to medium, sub rounded.	
3.9			Test pit TP-40 terminated at depth 3.9 m	

BULK

NOTES:

- Hole stopped at 3.9 m. Target depth.
- Few small to medium sized roots to 0.3m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51 J

CONTRACTOR : Raywell Contracting
MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 4/05/2020

EASTING: 329435 m

LOGGED BY : BZ
CHECKED BY :

DATE PROFILED: 4/05/2020

NORTHING: 6595400 m

EXCAVATION SIZE: 2.5 m x 9.5 m

ELEVATION: 344 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 209: Test Pit TP-40



Plate 210: Test Pit TP-40

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 211: Test Pit TP-40



Plate 212: Test Pit TP-40

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.3	SC		Sand particles are fine to medium, sub rounded.	
0.5			SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM	
1.0			Sand particles are fine to medium, sub rounded.	
1.5				
1.9	SC		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				
3.4	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM	
3.9			Sand particles are fine to medium, sub rounded. Test pit TP-41 terminated at depth 3.9 m	
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.9 m. Target depth.
- Few small to medium sized roots to 0.3m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51 J

 CONTRACTOR : Raywell Contracting
 MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 4/05/2020

EASTING: 329633 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 4/05/2020

NORTHING: 6595388 m

EXCAVATION SIZE: 2.5 m x 9.5 m

ELEVATION: 344 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 213: Test Pit TP-41



Plate 214: Test Pit TP-41

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 215: Test Pit TP-41



Plate 216: Test Pit TP-41

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	
0.3	SC		Sand particles are fine to medium, sub rounded.	
0.5			SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM	
1.0			Sand particles are fine to medium, sub rounded.	
2.0	SC		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.	
3.5	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM	BULK
3.9			Sand particles are fine to medium, sub rounded. Test pit TP-42 terminated at depth 3.9 m	
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.9 m. Target depth.
- Few small to medium sized roots to 0.3m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51 J

 CONTRACTOR : Raywell Contracting
 MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 4/05/2020

EASTING: 329835 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 4/05/2020

NORTHING: 6595400 m

EXCAVATION SIZE: 2 m x 9 m

ELEVATION: 344 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 217: Test Pit TP-42



Plate 218: Test Pit TP-42

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 219: Test Pit TP-42



Plate 220: Test Pit TP-42



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TEST PIT: **TP-43**

Sheet 1 of 1

Rev

JOB NUMBER: PE801-137/41

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.3m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.1m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>moist</u> , medium dense to dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.5m	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM Sand particles are fine to medium, sub rounded.	
4.2m			Test pit TP-43 terminated at depth 4.2 m	

NOTES:

1. Hole stopped at 4.2 m. Target depth.
2. Few small to large sized roots to 0.3m depth.
3. No samples
4. No seepage.
5. Pit stable.
6. Coordinate system: MGA94, zone 51 J

CONTRACTOR : Raywell Contracting
MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 4/05/2020

EASTING: 329655 m

DATE PROFILED: 4/05/2020

NORTHING: 6595300 m

LOGGED BY : BZ

EXCAVATION SIZE: 2 m x 9 m

ELEVATION: 344 m

CHECKED BY :

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 221: Test Pit TP-43



Plate 222: Test Pit TP-43

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 223: Test Pit TP-43



Plate 224: Test Pit TP-43

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	BULK
0.5m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.1m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>moist</u> , medium dense to dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.5m	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM	
3.9m			Sand particles are fine to medium, sub rounded. Test pit TP-44 terminated at depth 3.9 m	

NOTES:

- Hole stopped at 3.9 m. Target depth.
- Few small to medium sized roots to 0.3m depth.
- Small bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51 J

 CONTRACTOR : Raywell Contracting
 MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 4/05/2020

EASTING: 329839 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 4/05/2020

NORTHING: 6595200 m

EXCAVATION SIZE: 2 m x 9 m

ELEVATION: 344 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 225: Test Pit TP-44



Plate 226: Test Pit TP-44

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 227: Test Pit TP-44



Plate 228: Test Pit TP-44

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.0	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL	BULK
0.3	SC		Sand particles are fine to medium, sub rounded.	
0.5			SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM	
1.0			Sand particles are fine to medium, sub rounded.	
2.1	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>moist</u> , medium dense to dense. ALLUVIUM	BULK
2.5			Sand particles are fine to medium, sub rounded.	
3.5	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM	
3.8			Sand particles are fine to medium, sub rounded. Test pit TP-45 terminated at depth 3.8 m	
4.0				
4.5				
5.0				

NOTES:

- Hole stopped at 3.8 m. Target depth.
- Few small to medium sized roots to 0.3m depth.
- Small bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51 J

 CONTRACTOR : Raywell Contracting
 MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 4/05/2020

EASTING: 329632 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 4/05/2020

NORTHING: 6595195 m

EXCAVATION SIZE: 2 m x 9 m

ELEVATION: 344 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 229: Test Pit TP-45



Plate 230: Test Pit TP-45

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 231: Test Pit TP-45



Plate 232: Test Pit TP-45

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , 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 <u>dry to slightly moist</u> , medium dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>moist</u> , medium dense to dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.5m	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM Sand particles are fine to medium, sub rounded.	
4m			Test pit TP-46 terminated at depth 4 m	

NOTES:

- Hole stopped at 4.0 m. Target depth.
- Few small to medium sized roots to 0.3m depth.
- No samples
- No seepage.
- Pit stable.
- Coordinate system: M GA94, zone 51 J

 CONTRACTOR : Raywell Contracting
 MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 4/05/2020

EASTING: 329439 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 4/05/2020

NORTHING: 6595195 m

EXCAVATION SIZE: 2 m x 9 m

ELEVATION: 344 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 233: Test Pit TP-46



Plate 234: Test Pit TP-46

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 235: Test Pit TP-46



Plate 236: Test Pit TP-46



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TEST PIT: **TP-47**

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Rev

JOB NUMBER: PE801-137/41

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	BULK
0.5	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.3	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>moist</u> , medium dense to dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.5	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM Sand particles are fine to medium, sub rounded.	BULK
4.1			Test pit TP-47 terminated at depth 4.1 m	

NOTES:

1. Hole stopped at 4.1 m. Target depth.
2. Few small to medium sized roots to 0.2m depth.
3. Large bulk sample taken as indicated.
4. No seepage.
5. Pit stable.
6. Coordinate system: MGA94, zone 51 J

CONTRACTOR : Raywell Contracting
MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 4/05/2020

EASTING: 329413 m

LOGGED BY : BZ
CHECKED BY :

DATE PROFILED: 4/05/2020

NORTHING: 6595000 m

EXCAVATION SIZE: 2 m x 9 m

ELEVATION: 344 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 237: Test Pit TP-47



Plate 238: Test Pit TP-47

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 239: Test Pit TP-47



Plate 240: Test Pit TP-47



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TEST PIT: **TP-48**

Sheet 1 of 1

Rev

JOB NUMBER: PE801-137/41

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5m			SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.3m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>moist</u> , medium dense to dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.5m	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ with gravel sized of coffee rock. Firm to stiff. ALLUVIUM Sand particles are fine to medium, sub rounded.	
4.1m			Test pit TP-48 terminated at depth 4.1 m	

NOTES:

1. Hole stopped at 4.1 m. Target depth.
2. Few small to medium sized roots to 0.2m depth.
3. No samples
4. No seepage.
5. Pit stable.
6. Coordinate system: MGA94, zone 51 J

CONTRACTOR : Raywell Contracting
MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 4/05/2020

EASTING: 329568 m

DATE PROFILED: 4/05/2020

NORTHING: 6595000 m

LOGGED BY : BZ

EXCAVATION SIZE: 2 m x 9 m

ELEVATION: 344 m

CHECKED BY :

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 241: Test Pit TP-48



Plate 242: Test Pit TP-48

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 243: Test Pit TP-48



Plate 244: Test Pit TP-48

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5m			SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.4m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>moist</u> , medium dense to dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3.5m	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of/ wit gravel sized of coffee rock. Firm to stiff. ALLUVIUM	BULK
3.9m			Sand particles are fine to medium, sub rounded. Test pit TP-49 terminated at depth 3.9 m	

NOTES:

- Hole stopped at 3.9 m. Target depth.
- Few small to medium sized roots to 0.2m depth.
- Small bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: M GA94, zone 51 J

 CONTRACTOR : Raywell Contracting
 MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 4/05/2020

EASTING: 329710 m

 LOGGED BY : BZ
 CHECKED BY :

DATE PROFILED: 4/05/2020

NORTHING: 6595003 m

EXCAVATION SIZE: 2 m x 9 m

ELEVATION: 344 m

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 245: Test Pit TP-49



Plate 246: Test Pit TP-49

**MUNGARI GOLD MINE
CELL 3 AND CELL 4 SITE INVESTIGATION**



Plate 247: Test Pit TP-49



Plate 248: Test Pit TP-49



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TEST PIT: **TP-50**

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Rev

JOB NUMBER: PE801-137/41

DEPTH (m)	CLASSIFICATION (AS1728:2017)	GRAPHIC LOG	MATERIAL DESCRIPTION	SAMPLE TYPE
0.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>dry to slightly moist</u> , loose to medium dense. TOPSOIL Sand particles are fine to medium, sub rounded.	
0.5m			SAND , clayey, silty, fine to medium grained, red brown, orange brown, trace of gravel <u>dry to slightly moist</u> , medium dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
2.2m	SC		SAND , clayey, silty, fine to medium grained, red brown, orange brown, <u>moist</u> , medium dense to dense. ALLUVIUM Sand particles are fine to medium, sub rounded.	
3m	CL		CLAY , sandy, silty, low to medium plasticity, red brown, orange brown, grey <u>moist</u> , trace of gravel sized of coffee rock. Firm to stiff. ALLUVIUM Sand particles are fine to medium, sub rounded.	BULK
3.5m			Test pit TP-50 terminated at depth 3.5 m	
4.0m				
4.5m				
5.0m				

NOTES:

- Hole stopped at 3.5 m. Target depth.
- Few small to medium sized roots to 0.1m depth.
- Large bulk sample taken as indicated.
- No seepage.
- Pit stable.
- Coordinate system: MGA94, zone 51 J

CONTRACTOR : Raywell Contracting
MACHINE : 24 T CAT Excavator

DATE EXCAVATED: 4/05/2020

EASTING: 329877 m

LOGGED BY : BZ
CHECKED BY :

DATE PROFILED: 4/05/2020

NORTHING: 6594990 m

EXCAVATION SIZE: 2 m x 9 m

ELEVATION: 344 m