

## TROGLOFAUNA RECORDS AND TROGLOBITIC HABITAT AT TROPICANA GOLD PROJECT

### EXECUTIVE SUMMARY (18/02/2010)

The Tropicana JV (TJV) commissioned ecologia Environment (ecologia) to conduct troglofauna surveys in the proposed Tropicana Gold Project (TGP) area as part of the preparation for a Public Environmental Review (PER) and to provide additional information subsequent to the completion of the PER.

The proposed Tropicana Gold Project (TGP) is located approximately 330 km east north-east of Kalgoorlie on the western edge of the Great Victoria Desert (GVD). Since the discovery of the deposit in 2002, gold mineralisation has been identified over a strike length of approximately four kilometres with two areas of significant mineralisation, termed the Tropicana and Havana deposits (the Resource Area), which form the basis of the proposed TGP. It is currently proposed that the TGP would operate for approximately 10 - 15 years to realize the potential of the resource.

A five-phase troglofauna survey was initially undertaken within TGP: Phase 1 during September - November 2007 (40 holes); Phase 2 during April - June 2008 (100 holes); Phase 3 during August - October 2008 (43 holes, 42 recovered); Phase 4 during October - December 2008 (50 holes, 26 recovered); and Phase 5 during April - May 2009 (157 holes and 109 recovered). These five phases totalled a sample size of 317, of which 108 were located within the Operational footprint, thus satisfying the requirement of the EPA Guidance Statement 54a (60 samples).

Three definitive troglobitic species were discovered during these five phases - dipluran (Diplura), centipede (Chilopoda) and slater (Isopoda), of which only the slater was collected both inside and outside the Operational footprint, while the dipluran and the centipede presented singleton records within the Operational footprint.

Two additional survey phases were undertaken from new holes outside the Operational footprint, conducted as follows: Phase 6 during August - September 2009 (50 holes, 29 recovered) and Phase 7 during November 2009 - January 2010 (85 holes, 65 recovered). Phase 6 did not record any troglobitic species while Phase 7 produced one additional troglobitic species (cockroach, Blattodea) and one troglobitic species that was previously sampled during the first five phases (slater, Isopoda). Thus, a total sample size of 411 achieved in the seven phases produced 14 individuals belonging to four definitive troglobitic species, of which two remain to be known only from within the Operational footprint (Table S1). Such trapping results suggested that the troglobitic community at TGP is sparse, or that the current trapping methods for troglofauna sampling have low trapping rates. An assessment of suitable troglobitic habitat was undertaken to gain better understanding of potential troglofauna distribution within the TGP and to compliment the trapping program.

Geological data were compiled for each drill hole with a troglofauna record and common geological strata identified (Table S1). The results showed that all holes contained at least one geological stratum with pores or voids suitable for troglofauna habitation and that this stratum was adjacent to other, sometimes less prominent porous strata, which could act as 'bridges'. The most common strata were: channel-fill sediment (80% of all holes), lower saprolite (80%), upper saprolite (70%), fine gravel (60%), coarse gravel (50%) and calcrete (50%). To put this information into greater perspective, geological profiles were also established for 14 lines (cross sections) across the TGP, utilising data from 327 drill holes (example in Figure S1, Table S2). This contextual data showed that the alluvial deposits associated with historical drainage channels (channel-fill sediments) are the most prospective as troglofauna habitat due to their porosity (Figure S2), depth (approx. 10-30 m bgl) and immediate contact with similar strata such as laterite gravel, laterite, lag and

coarse / fine gravel, or other porous strata such as calcrete. The habitat of channel-fill sediments, along with laterite gravel, laterite, lag and the coarse / fine gravel (unless the latter was located directly at the surface) has been, therefore, classified as 'Prime'. The strata of calcrete (along with ferricrete and silcrete) and some coarse / fine gravel were sometimes located very close to the surface (0-10 m bgl) and thus some parts of these strata would be probably too dry to be inhabited by troglofauna all year round (although they would be utilised after rainfall events due to influx of nutrients through percolation or root mats of surface vegetation). This habitat has been, therefore, classified as 'Likely'. The upper and lower saprolites, on the other hand, were clay dominated with low porosity or void space and were often located close to, or below, the ground water level and thus their use for troglofauna was assessed as limited. This habitat has been, therefore, classified as 'Marginal'. In summary, it is very likely that connectivity exists mainly along the channel-fill sediments, supplemented by gravel and calcrete strata 'bridges' above, and upper and lower saprolites below. The troglobitic community is, therefore, expected to be distributed along these geological units, including the predatory dipluran and centipede. These predatory species are expected to follow their herbivorous prey (slater, cockroach) but – as with all predators - would occur in much lower densities.

An extrapolation of the suitable geological strata resulted in an estimate of 16,670 ha of troglofauna habitat within the TGP (Figure S3). The direct impact, as a result of excavation in the Resource Area, total 400 ha or 2% of the predicted troglofauna habitat within the TGP. Indirect (or secondary) impacts resulting from the clearing of vegetation for mine infrastructure (such as the waste dumps, plant and stockpiles) total 1328 ha or 8% of the predicted available troglofauna habitat. The overall impact of the Operational footprint on the troglofauna community within TGP is, therefore, estimated at 10% (Figure S3).

The habitat is likely to extend beyond the TGP and suitable habitat may be widespread across lateralised weathering environments in Australia. The percentage impacts could therefore be considered as conservative.

The potential for the widespread distribution of troglobitic species within lateritic environments may be a conservation consideration in other areas. A number of recommendations derived from the TJV troglofauna trapping programs are provided in the report.





















TABLE S1	Line #		1	3	4	5	6	7	7	n/a	n/a	n/a
	Drill hole #		TPA 4270	TPA 3977	TPA 3981	TPRC 583	TPD 057	TPMB 100	TPMB 099	TPRC 420	RNRC 023	SBA 104
	Easting		648007	650460	650285	650358	650535	649865	650007	653363	647292	652000
	Northing		6768083	6764932	6764846	6763253	6762860	6762470.99	6762330.02	6765193	6756362	6756200
	Troglofauna		Isopoda	Isopoda	Diplura	Isopoda	Isopoda	Isopoda	Chilopoda	Isopoda	Isopoda	Isopoda & Blattodea
	Trap depth		13 m	17 m	20 m	20 m	10 & 20 m	stygofauna net	stygofauna net	18 m	10 m	12 m
	Location		outside	inside	inside	inside	inside	inside	inside	outside	outside	outside
<b>Troglobitic Habitat</b>	<b>Regolith units and materials:</b>	<b>% of holes with trog.</b>										
<b>UNSUITABLE (surface)</b>	Sand Grit 	10%		✓								
	Sand 	60%				✓	✓	✓	✓		✓	✓
	Soil 	0%										
<b>LIKELY</b>	<b>Fine Gravel</b> 	<b>60%</b>		✓	✓	✓	✓				✓	✓
	<b>Course Gravel</b> 	<b>50%</b>	✓	✓	✓						✓	✓
	Silcrete 	30%		✓	✓					✓		
	<b>Calcrete</b> 	<b>50%</b>		✓	✓	✓	✓					✓
	Calcrete/Silcrete 	0%										
	Ferricrete 	20%		✓						✓		
<b>PRIME</b>	Lag & Silcrete, Calcrete Fragments 	0%										
	Lag 	10%						✓				
	Laterite 	10%		✓								
	Laterite Gravel 	20%									✓	✓
	<b>Channel fill sediment</b> 	<b>80%</b>	✓	✓	✓	✓		✓	✓	✓		✓
<b>MARGINAL</b>	Basal Clay, Sand & Gravel 	20%								✓		✓
	Mottled clay 	30%		✓	✓	✓						
	<b>Upper Saprolite</b> 	<b>70%</b>	✓				✓	✓	✓	✓	✓	✓
	<b>Lower Saprolite</b> 	<b>80%</b>	✓		✓		✓	✓	✓	✓	✓	✓
	Saprock 	50%	✓				✓			✓	✓	✓
<b>UNSUITABLE (no voids, under water)</b>	Fresh Rock 	60%	✓		✓		✓			✓	✓	✓

FIGURE S1 A - Cross Section 1 Village Area

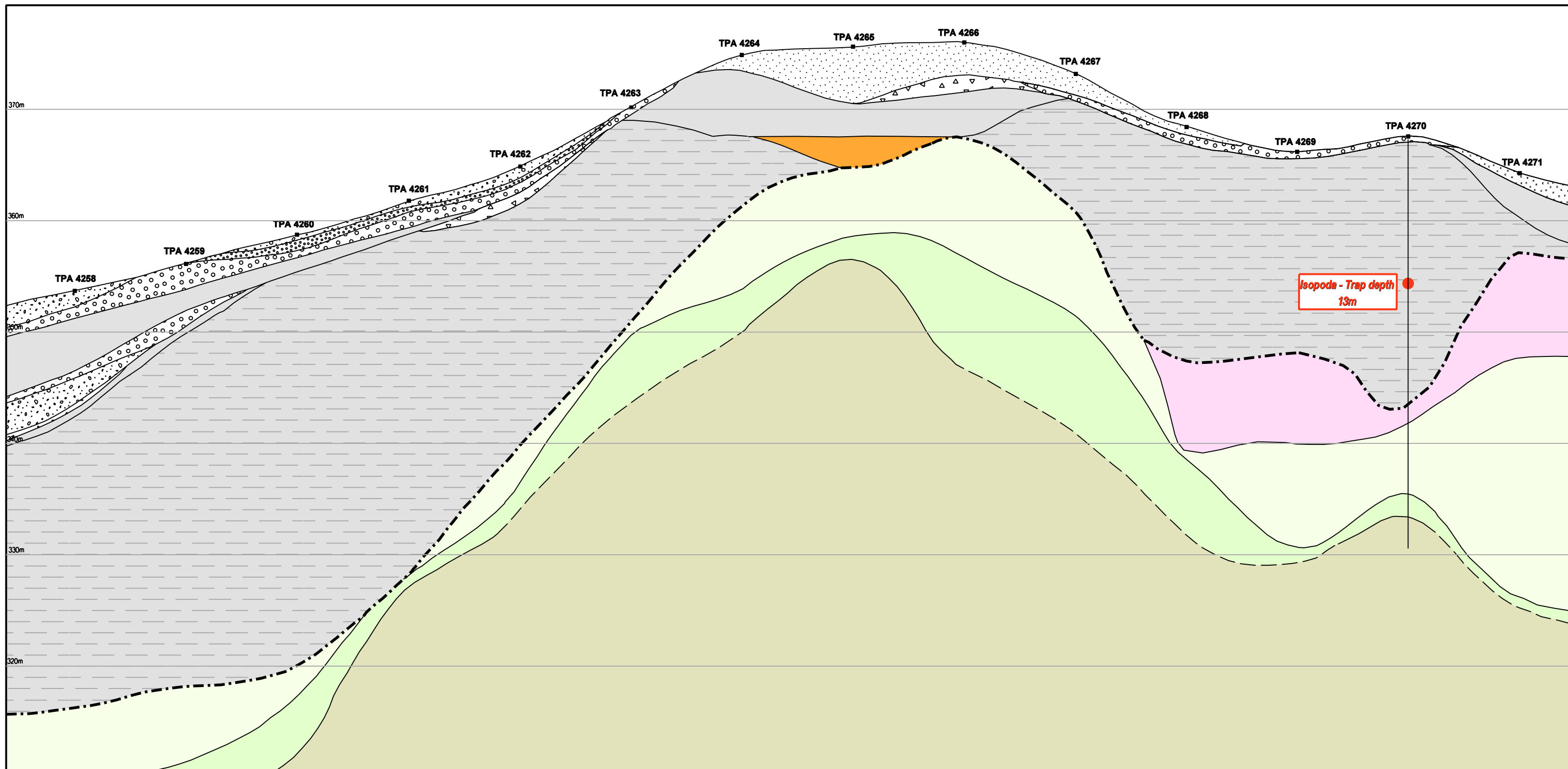


FIGURE S1 B - Cross Section 7 Havana Area

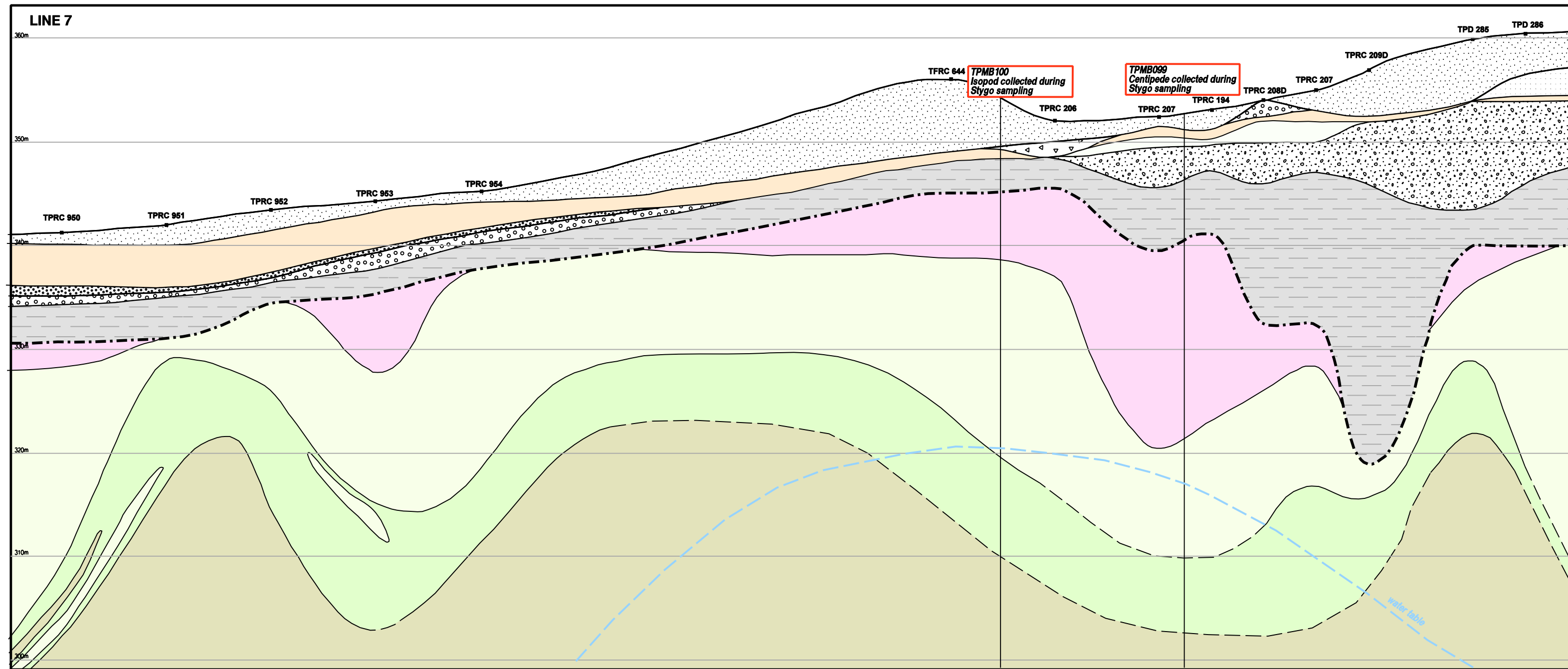


FIGURE S1 C - Cross Section 5 Tropicana Area

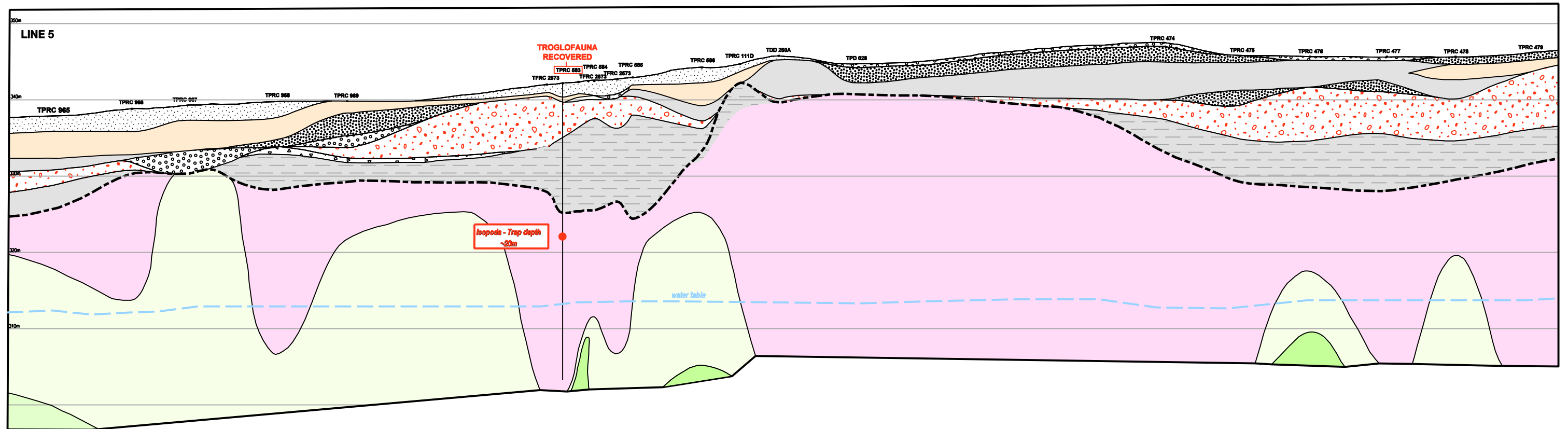


TABLE S2 A - Village area				Drill Hole Number	TPA 4258	TPA 4259	TPA 4260	TPA 4261	TPA 4262	TPA 4263	TPA 4264	TPA 4265	TPA 4266	TPA 4267	TPA 4268	TPA 4269	TPA 4270	TPA 4271				
<b>LINE 1</b>				RL (m)	347.4	349.5	353.4	357.8	360.3	365.7	368.3	370.7	347.0	347.9	350.2	352.3	349.7	346.4				
				Easting	648174	648315	648457	648598	648738	648881	649022	649164	652552	652694	652835	652977	653118	653260				
				Northing	6761062	6760921	6760779	6760638	6760522	6760355	6760214	6760072	6763744	6763602	6763461	6763319	6763178	6763036				
Potential Troglifauna Habitat	Regolith Units		Colour and Competency	Materials														Troglo (slaters, 13m, outside)				
	Likely	Unconsolidated (Loose and Friable) Ferruginous Red Brown Illuvium, Aeolian, Colluvium Cover Sequences	Ferruginous Red Brown	Unconsolidated	Sand Grit	0-1.5 8-10.5		0-0.5	0-0.5	0-1												
Sand										0-1	0-5	0-3	0-2	0-0.5					0-1			
Soil																						
Fine Gravel							0.5-1.5	0.5-1	1-1.5													
Coarse Gravel					1.5-2.5 7.5-8	0-2.5 4.5-6	1.5-2	1-2.5	1.5-2.5	0-0.5							2-2.5	05-1.5	0-05	0-0.5		
Prime	Cemented laminar and massive multi-generational mixed lenses of Colluvium	Pale Red Brown	Indurated	Calcrete																		
		Various		2.5-7.5 11-11.5	2.5-4.5 6-6.5	2-3.5	2.5-3			1.0-7	5.0-8	4.5-8.5					1.0-4					
		Yellow Brown																				
Marginal	Sheet Wash Alluvial Deposits	Purple-Red	Unconsolidated	Mottled Clay																		
		Yellow Brown		Fine Gravel																		
				Coarse Gravel																		
Contact	Palaeochannel-fill Sediment	Various	Unconsol.	Laterite Ferricrete																		
				Channel-fill	11.5-12.5 12.5-37.5	6.5-14 14-38	3.5-12 12-39	3-11 11-34	3.5-9 9-25.5	- 0.5-19.5	- 7-13.5	- -		2.5-12	1.5-21	05-18	0.5-10 24?	1-8				
Marginal	RESIDUAL REGOLITH (Weathered Bedrock)	Upper Saprolite	Unconsolidated	Pale reddish white														21-28.5	18-26	24-26	8.0-17	
		Lower Saprolite	Increasingly Consolidated	Light greenish grey	37.5-38	38-45	39-42		25.5-29	19.5-20.5	13.5-21	415-78	8.5-19	12-21.5		28.5-29.5	26-35	26-32			17-38	
		Saprock	Consolidated	Dark greenish grey		45-46	42-47	34-35	29-31+	20.5-21	21-24	17-19	19-29	21.5-24		29.5-30					32-34	38-40
		Fresh Rock	Consolidated	Greenish grey			47-48	35-36					19-20	29-30	24-25							34-35
GROUNDWATER MODIFICATION (Overprints)	Surface Water Accumulation & Evaporation	Red	Unc.	Hematitic Stained	0-13.5	0-17	0-30	0-10.5	0-9	0-10.5	0-20+	0-17	0-18	0-10	0-5	0-9.5	0-9	0-8.5				
		Various	Indurated	Silicified	11.5-12.5	6.0-17	2.0-15	2.5-17	3.5-9	0.5-4.5	1.0-7	5.0-11	4.5-9	11.5	1.5-7	0.5-11	0.5-8.5	2-8.5				
	Poor Drainage (Zone of Low Water Flux)	Purple-Red & White		Mottled	11.5-13.5	6.5-17	3.5-30	3-10.5	3.5-9	0.5-10.5	1-20+	-		2.5-10	1.5-5	0.5-9.5	0.5-9					
	Water-saturation (Zone of Very Low Water Flux)	White		Leached (Bacterial Reduction)	13.5-32.5	17-29.5	30-21	10.5-36+	9.0-28	10.5-18.5	10.5-11	-			10.0-12	5.0-21	9.5-24	9.0-24				
	Good Drainage (Zone of Moderate to High Water Flux)	Yellow	Unconsolidated	Goethite Stained		32.5-37.5	29.5-38.5			25-27	18.5-20	8.5-10	5.0-6	6.5-9.5		21-29				1.0-4		
							24-26						11.17		19-29	12.0-17				9.5-13	8.0-14	
	Preset-Day Drainage	Watertable																				
Total Depth Logged (m)					38	46	48	36	31	21	24	19	30	25	30	35	35	40				
EOH (End of Hole) (m)					38	46	48	36	31	22	24	20	30	32	30	35	35	63				

TABLE S2 B - Havana				Drill Hole Number	TPRC 950	TPRC 951	TPRC 952	TPRC 953	TPRC 954	TFRC 644	TPMB 100	TPRC 206	TPRC 207	TPMB 099	TPD 194	TPRC 208D	TPD 195	TPRC 209D	TPD 285	TPD 286			
<b>LINE 7</b>				RL (m)	341.4	342.5	343.2	344.4	345.0	356.1	354.7	351.8	352.6	353.4	353.6	354.3	355.6	357.2	360.2	340.0			
				Easting (m)	649091.5	649164.7	649232.3	649300.6	649377.0	649689.7	649726.0	649759.6	649829.7	649868.0	649868.7	649902.1	649938.4	649959.9	650042.0	650075.1			
				Northing (m)	6762956.7	6762876.6	6762795.1	6762741.1	6762672.8	6762349.4	6762313.3	6762275.6	6762204.6	6762172.3	6762169.3	6762131.8	6762101.2	6762072.5	6761991.6	6761955.6			
Potential Troglodfaun a Habitat	Regolith Units	Colour and Competency	Materials	Troгло (slaters, stygo net, inside)								Troгло (centipedes, stygo net, inside)											
Likely	Unconsolidated (Loose and Friable) Ferruginous Red Brown Illuvium, Aeolian, Colluvium Cover Sequences	Ferruginous Red Brown Unconsolidated	Sand Grit																				
			Sand	0-1	0-2	0-2	0-1	0-1	0-7		0-2	0-1			0-2		0-2	0-4.5	0-6	0-4			
			Soil																				
			Fine Gravel															0-1.5					
			Coarse Gravel																				
Prime	Cemented laminar and massive multi-generational mixed lenses of Colluvium	Pale Red Brown Indurated	Calcrete	1.0-5	2.0-6	2.0-6	1-4.5	1-3.5	(4-)								1.5-4	2.0-5	4.5-5				
			Silcrete																4.0-8	5.0-7	7.5-8	6-10	
			Ferricrete																21.5-24				
Marginal	Sheet Wash Alluvial Deposits	Yellow Brown Unconsolidated	Mottled Clay														8.0-12		5-7.5				
			Fine Gravel	5.0-6	6-6.5	6-6.5	4.5-5	3.5-4													15.5-16.5	11-14.5	
			Coarse Gravel	6.0-7	6.5-7	6.5-7	5-6.5	4.0-5															
			Lag																				
Contact	Unconformity	Various Unconsol.	Channel-fill	7-10.5	7.0-11	7.0-9	6.5-9	5-7.5	11.0-15			3.5-6.5					12-21.5	11-22.5	14-38	20-20.5	14.5-20.5		
			Rounded Pebbles																8.0-11	11.0-14	16.5-20		
Marginal	RESIDUAL REGOLITH (Weathered Bedrock)	Upper Saprolite Unconsolidated	Pale reddish white	10.5-13			9-16.5			11.5-15+		6.5-15	13-32				12.0-30	21.5-28	22.5-26.5	20.5-24.5	20.5-23		
			Lower Saprolite Increasingly Consolidated	Light greenish grey	13-32 37-38.5	11.0-13	9-17.5	16.5-29	7.5-26			15-40+	32-40				30-40	21.5-24 28-40	26.5-38	38-40+	24.5-31 32-38	23-40+	
			Saprock Consolidated	Dark greenish grey	32-35 36-37 38.5-39	13-25	17.5-29	29-29.5 32-40+	26-34										38-40		31-33		
			Fresh Rock Consolidated	Greenish grey	35-36 39-40	25-40	29-40+	29.5-32	34-40												38-40		
Groundwater Modification (Overprints)	Surface Water Accumulation & Evaporation	Red Unc.	Hematitic Stained	0-10	0-11	0-12	0-12	0-14	0-11.5			6-6.5							0-6	0-16	0-17		
		Various	Silicified	1.0-8	2.0-40+	2.0-9	1.0-8	1-7.5	7-15+			4-7.5	1.0-7				2.0-6	1.5-8	2.0-8	4.5-11	Jun-16	6.0-15	
	Poor Drainage (Zone of Low Water Flux)	Purple-Red & White Indurated	Mottled	7.0-8	7.0-11		7.0-8				11-11.5									7.0-8		10-16.5	6.0-17
			Leached (Bacterial Reduction)									11.5-15								8-26.5			20-22.5
	Water-saturation (Zone of Very Low Water Flux)	White Unconsolidated	Goethite Stained		12.5-16.5	7.0-9	7.0-11		7.5-20				6.5-26							5.5-7	15-32.5	6.0-8	
					18-24.5	11.0-13	15-16	15.5-17												20-26.5		17.5-20.5	20.5-32
						38-39													30-38	38-40	24-27	35-38.5	
Preset-Day Drainage	Water table																						
Total Depth Logged (m)				40	40	40	40	40	15			40	40		40		40	40	40	40	40		
EOH (End of Hole) (m)																							



TABLE S1 C - Tropicana				Drill Hole Number	TPRC 965	TPRC 966	TPRC 967	TPRC 968	TPRC 969	TFRC 2573	TPRC 583	TFRC 2574	TPRC 584	TFRC 2575	TPRC 585	TPRC 586	TPRC 111D	TPD 260A	TPD 028	TPRC 474	TPRC 475	TPRC 476	TPRC 477	TPRC 478	TPRC 479				
<b>LINE 5</b>				RL (m)	338.0	339.0	339.5	340.0	340.0	342.2	342.4	342.6	342.8	343.0	343.2	344.5	345.0	346.0	345.0	347.8	346.1	346.0	346.0	346.0	346.0	346.6			
				Easting	649936	650008.0	650071.0	650151.0	650212.0	650342.0	650358.0	650370.0	650386.0	650412.0	650427.0	650495.0	650530.0	650565.0	650706.0	650998.0	651065.0	651139.0	651207.0	651281.0	651350.0	651350.0			
				Northing	6763815.0	6763738.0	6763694.0	6763607.0	6763528.0	6763266.0	6763252.0	6763238.0	6763220.0	6763196.0	6763181.0	6763114.0	6763078.0	6763042.0	6763048.0	6762757.0	6762678.0	6762612.0	6762541.0	6762472.0	6762400.0	6762400.0			
Potential Troglifauna Habitat	Regolith Units	Colour and Competency		Materials	Troglifauna Recovered																								
Likely	Unconsolidated (Loose and Friable) Ferruginous Red Brown Illuvium, Aeolian, Colluvium Cover Sequences	Ferruginous Red Brown	Unconsolidated	Sand Grit																									
				Sand	0-2	0-3	0-2	0-2	-	0-1	0-2	0-1.5	0-2	0-2	0-1	0-2	0-1	0-0.5	-	-	-	-	-	-	-	-	-		
				Soil																									
				Fine Gravel	-	-	-	5 - 6	1.5-4.5	tr	tr	tr	tr	2-2.5	tr	-	-			0.5-2.5	0.5-2.5	0-1	-	-	0-1	0-1	0-1		
				Coarse Gravel	-	6.5-7	6-9		4.5-6	-											0-0.5	0-0.5	-	0-0.5	0-0.5				
				Lag	-	-																							
Prime	Cemented laminar and massive multi-generational mixed lenses of Colluvium	Pale Red Brown	Indurated	Calcrete	2-5.5	3-6	2-6	2-5	0-1.5	1-1.5	2-2.5	1.5-2	-	-	1-1.5	2-5	1-2.5	-			-	-	1-3	1-2.5					
		Various		Silcrete	5.5-7	6-6.5	-	-	-	-	-	2-2.5	2-2.5	-	1.5-2.5	5-7	2.5-3	0.5-5.5	2.5-	2.5-7.5	1-4.5	0.5-4	0.5-3	3-5.5	-				
		Yellow Brown		Ferricrete																									
Marginal	Sheet Wash Alluvial Deposits	Purple-Red	Unconsolidated	Mottled Clay	7-9	7-8	-	-	6-7.5	1.5-8	2.5-7	2.5-6	2.5-5	2.5-6.5	2.5-5	7-8	-	5.5-6		7.5-10	6.5-11	4-11	3-10	5.5-11	2.5-10				
		Yellow Brown		Fine Gravel																		4.5-6.5	-	3-4.5	4.5-tr	-			
				Coarse Gravel																									
				Lag				6-7	7.5-8	-	-	-	8.5-10.5	6.5-8 10-12	9-10 12-13.5								-	13-14	10-12	tr	-		
Unconsol.	Ind.	Laterite Ferricrete	Channel-fill	9-20	8-25	-	7-11.5	8-10.5	7-40+	7-40+	6-32	5-30	6.5-30	5-18.5	8-11	-			10-14.5	11-16.5	11-16.5	10-17.5	11-15.5	10-14.5					
			Rounded Pebbles	9-12 Silcrete	8-8.5 Sand	-																16.5-17	tr	15.5-16	tr				
Contact	Unconformity			Contact	20	25	9	11.5	10.5	40+	40+	32	30	30	18.5	11	3	6	4	14.5	16.5	17	17.5	16	14.5				
Marginal	RESIDUAL REGOLITH (Weathered Bedrock)	Upper Saprolite	Unconsolidated	Pale white	-	-	-	11.5-33	10.5-18	-	-	32-35	30-31	30-36	18.5-31	11-19	3-31	6-40+		14.5-31	16.5-40+	7.0-29	17.5-40	16-26	14.5-40				
		Lower Saprolite	Increasingly Consolidated	Light greenish grey	20-38	25-40	33-40	33-40	18-40	-	-	35-37	31-40	36-40	31-40	19-39	31-40			31-40	-	29-36	-	26-40	-				
		Saprock	Consolidated	Dark greenish grey	38-40	-	-	-	-	-	-	37-40	-	-	-	39-40	-			-	-	36-39.5	-	-	-				
		Fresh Rock	Consolidated	Greenish grey	-	-	-	-	-	-	-	-	-	-	-	-	-			-	-	39.5-40	-	-	-				
GROUNDWATER MODIFICATION (Overprints)	Surface Water Accumulation & Evaporation	Red	Unc.	Hematitic Stained	0-9	0-13	0-14.5	0-6	0-6	1.5-8	2-9	1.5-8	2-11	2.5-10	1-9	2-12	1-6.5			0-7.5	0-7.5	0-6	0-3	0-5.5	0-5				
		Various		Silicified	2-12	3-10	2-15	2-11.5	0-13	1-8	2-9	1.5-8	2-9.5	2.5-10	1-6	2-12	1-6	0.5-6			2.5-14.5	1-17.5	0.5-18.5	0.5-17.5	1.0-16	1-15.5			
	Poor Drainage (Zone of Low Water Flux)	Purple-Red & White	Indurated	Mottled	7-9	7-8	-	-	6-7.5	1.5-7	2.5-7	1.5-6	2.5-5	2.5-6.5	2.0-5	7-8	2.5-6			7.5-14.5	6-17	4-17	3-17.5	5.5-16	6.5-17				
				Leached (Bacterial Reduction)	-	-																							
	Water-saturation (Zone of Very Low Water Flux)	White	Indurated			9-17.5	-	7-11.5																					
						23-24		7.5-13.5	7-40	7-40	6-30	5-31	6.5-29	5-16.5	10-11	-													
	Good Drainage (Zone of Moderate to High Water Flux)	Yellow	Unconsolidated	Goethite Stained		18-20	14.5-27	11.5-15	7.5-11	-	-					2-10	5-6				21-26	16.5-37	17.5-32.5	15-40	17.5-40	14.5-40			
						24-25	29-30.5	-	13.5-16								16.5-22	11-17				27.5-40							
					20-27	27-34	-	27-29								37-38	29-30	31-38	19-25										
Preset-Day Drainage	Watertable																												
Total Depth Logged (m)				40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40				
EOH (End of Hole) (m)				120	150	150	120	146	70	85	80	100	90	114	150	180.4	198.5	289.1	130	190	180	166	180	180					

Figure S2 - Example of Channel-fill sediment porosity

