THE BROKEN HILL PROPRIETARY CO. LTD.

Project E.L 10 80 GREAT PYRAMID

Drillhole No BPD 9a 801156

Sheet 1 of 2

METRES	DRILL RUN: METRES RECOV.	DRILL RUN: % RECOV.	RQD	DESCRIPTION	VISUAL LOG	ANGLE BEDDING TO LCA	SAMPLE: NUMBER	SAMPLE: FROM	SAMPLE: TO	SAMPLE: INTVL.	MINERALISATION: FRACT DENSITY (per m)	MINERALISATION: % FRACT MINER	MINERALISATION: VEIN WIDTH mm: RANGE	MINERALISATION: VEIN WIDTH mm: AV.	MINERALISATION: ANGL TO LCA	MINERALISATION: % BLK ROCK MIN.	MINERALISATION: VEIN MINERALOGY: CASSIT.	WOLF.	QTZ.	MUSC.	SULPH.	CARB.		WALL ROCK ALTERN.	ASSAYS: Sn (%)	ASSAYS: W (%)		
0.0 – 13.0m. Percussion Hammer				Spotted grey-grn qt ± minor sh.			BJ 328	0.0	2.0	2.0															0.24			
				Red/bn silicfd sst qt ± grey/grn sh.			BJ 329	2.0	4.0	2.0															0.13			
				Sst/sh ± minor qt			BJ 330	4.0	6.0	2.0																		
				Sst qt (grey/bn)			BJ 331	6.0	8.0	2.0																		
				Grey qt			BJ 332	8.0	10.0	2.0																		
				Grey qt ± minor bn sst.			BJ 333	10.0	12.0	2.0																		
				Grey qt			BJ 334	12.0	13.0	1.0																		
0.75	0.77	102.7	54	Incipiently Fe stnd poorly bedded sst and sh. Sst locally feldspathic. Beds up to 3m thick locally brecfd. Fracturing generally erratic in orientation. Very minor thin interbeds/stringers of dark grey sh. So fissility locally developed — sh. Silcfn haloes common adjacent to fractures in sandier units. At least 2 generations of fractures developed; less intense steep fractures post date shallow.			BJ 335	13.00	15.0	2.0	20	40	<1	<1	40-60	1	x	x	✓	x	x	x	kaol. Fe	Silcfn, Fe stng				No sludge samples collected due to extremely poor water return.
1.50	1.48	98.6	38																									
1.50	1.49	99.3	76				BJ 336	15.00	17.0	2.0																		
1.50	1.48	98.6	53				BJ 337	17.00	19.00	2.0																		
2.35	2.22	94.5	63								60	50	<1	<1	10-40	1	x	x	✓	rare	x	x	lim kaol	Fe stng				
1.00	0.87	87.0	21				BJ 338	19.00	21.75	2.75																		
0.70	0.64	91.4	0																									
1.80	1.70	94.4	49	Feldspathic sst/qt with rare interbeds 3-30cm of grey/grn to the dark grey sh. Well fractured sst previous interval. So very poorly developed qt. Generally pitted (after carb?). Fractures very variable :- width ± 2 dominant orientation; dominant 30-45 LCA. 2° 60-70° LCA. Sporadic development of fractures sub ⊥ to LCA. Fractures tend to be vuggy and limonitized, probably after S^2			BJ 339	21.75	23.75	2.0	25	50	<1	1	40	<1	✓	x	✓	rare	x	x	lim	Silcfn, Fe				
1.13	1.10	97.3	55				BJ 340	23.75	25.75	2.0	60																	
0.92	0.40	126.0	40																									
0.40	0.40	100.0	70																									
1.30	1.29	99.2	60				BJ 341	25.75	27.75	2.0																		
2.75	2.76	100.4	70				BJ 342	27.75	29.75	2.0	15	70	<1	1	35-45	<<1	x	x	✓	x	remanent py	x	abdt lim	Silcfn, Fe				Partially oxidized cubic forms:- veinlets - possible py.
0.95	0.89	93.7	36				BJ 343	29.75	31.75	2.0																		
0.75	0.72	96.0	47								53	80	<1	1	35-50	1-2	tr	✓(?)	✓	rare	x	x	lim Sc	Silcfn, Fe				
0.30	0.21	100.0	0																									
1.10	0.95	86.4	35				BJ 344	31.75	33.75	2.0																		
0.70	0.68	97.0	0																									
1.13	0.98	86.7	68																									
2.02	1.66	82.2	20	Dominantly qt and thin 2-5cm dark grey sh interbeds ± 1-2m grey/bn sh beds. qt units. Both qt and sh are pitted, irregular, pits ⇒ carb? Way up uncertain, So locally reverse graded flames(?) at 37.0m indicate correct way up (↑). So fissility commonly developed :- dark grey sh. Minor local brecciation. Irregular blk qtveinlets occur in qt, but not sh. (as at 37.4m) Fractures very irregular in qt, poorly developed and erratic in sh.			BJ 345	33.75	35.90	2.15	80-90	80	<1	1-2	40-50	1-3	x	✓?	✓	✓	x	x	lim, Sc jar (?)	Silcfn				(34.9m. - black minerals for petrol
2.00	1.92	96.0	77				BJ 346	35.90	37.90	2.0																		
1.05	0.99	94.3	49								67	80	<1	1	40-50	1-2	tr	x	✓	✓	✓ Py (?)	x	lim, Sc kaol.	Silcfn, Fe lin Sh				
1.30	1.30	100.0	54				BJ 347	37.90	39.90	2.0																		
0.95	0.94	98.9	64				BJ 348	39.9	41.9	2.0																		
0.95	0.86	90.5	13								80	75	<1	<1	35-55	1	x	x	✓	✓	x	x	lim Sc	Silcfn, Fe				
0.65	0.51	78.5	0				BJ 349	41.9	43.9	2.0																		
2.15	2.07	96.3	65				BJ 350	43.9	45.9	2.0																		
0.60	0.57	95.0	53								50-80	80	<1	1	30-60	2	x	✓? rare	✓	✓	x	✓?	lim Sc	Silcfn, Fe				
0.80	0.62	77.5	23																									
1.30	1.16	89.2	61				BJ 351	45.9	48.4	2.5																		
0.55	0.67	121.8	19																									
2.50	2.41	96.4	50	Irregularly fractured interbedded sh/slst/sst, pale grey to pink bn. Reverse(?) graded So common. Fracturing erratic and orientated. Very rarely mineralized.			BJ 352	48.4	50.4	2.0	30-110	20	<1	<1	20-70	<<1	x	x	✓	x	x	x	kaol. lim	Fe				

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Drillhole N° BPD 9a 801157

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METRES	DRILL RUN METRES RECOV.	DRILL RUN % RECOV.	RQD	DESCRIPTION	VISUAL LOG	ANGLE BEDDING TO LCA	SAMPLE NUMBER	SAMPLE FROM	SAMPLE TO	SAMPLE INTVL.	MINERALISATION FRACT DENSITY (per m)	MINERALISATION % FRACT MINERAL	MINERALISATION VEIN WIDTH mm RANGE	MINERALISATION VEIN WIDTH mm AV.	MINERALISATION ANG TO LCA	MINERALISATION % BLK ROCK MIN.	MINERALISATION VEIN MINERALOGY CASSIT.	WOLF.	QTZ.	MUSC.	SULPH.			WALL ROCK ALTERN.	ASSAYS Sn(%)	ASSAYS W(%)
0·55	0·51	92·7	59																							
0·60	0·62	103·3	0	Sst lgt, irregularly fractured, brecd in places. Rare sh interbeds, dark grey. Flame at 55·2 ↓. Lt locally gassanous appearances. Appears to be relatively well mineralized. Two fractures orientated both ~ 40° to LCA, ~ normal to each other.	↓	40																			
1·25	0·88	70·4	0				BJ353	50·4	52·45	2·05																
0·35	0·35	100·0	37																							
0·40	0·40	100·0	30																							
1·10	1·12	101·8	50																							
0·35	0·35	100·0	46																							
0·35	0·51	92·7	29																							
1·45	1·39	95·9	45				BJ354	52·45	54·45	2·0	80	75	<1-3	1	30-50	1-2	x	x	✓	✓	x	x	lim	Silcfn/Fe		
1·30	1·38	106·2	27				BJ355	54·45	56·45	2·0	80-110	80	<1-5	1	40-50	2-3	✓	x	✓	x	x	x	lim	Silcfn/Fe		
0·10	0·06	60·0	0				BJ356	56·45	58·45	2·0																
1·35	1·24	91·9	0	Grey/lbn sst locally grading to qt (silcfn) and slst (grain size). Pervasive fe sting.		32?																				
1·70	1·60	94·1	52				BJ357	58·45	60·45	2·0	85-95	75	<1-3	1	30-50	1-2	✓tr	x	✓	✓	x	py	lim Sc	Silcfn/Fe		
0·35	0·35	100·0	37	Regularly fractured although locally brecd. Cross cut by irregular blk qt veinlets and stngs at low ∠ to LCA. Mineralized fractures post dole blk qtz veinlets in some places. So fissility apparent in slst beds.		55																				
0·40	0·40	100·0	30				BJ358	60·45	62·45	2·0																
1·10	1·12	101·8	50			55					30-50	70	<1-3	1	40-55	<1	x	x	✓	x	x	x	kaol. lim	Silcfn Fe		
0·35	0·35	100·0	46																							
0·35	0·51	92·7	29				BJ359	62·45	64·45	2·0																
1·30	1·26	96·9	31																							
1·35	1·25	96·2	56				BJ360	64·45	66·45	2·0																
1·60	1·60	100·0	94			57					100	80	<1-2	<1-1	35-45	1	✓tr	x	✓	✓	x	x	lim	Silcfn Fe		
0·35	0·27	77·1	0			55	BJ361	66·45	67·60	1·15																
0·35	0·37	105·7	0	Grey bn sh ĉ interbedded grey slst interbeds vary <1-70cm thick. Brecd at 72·4m. So generally regular although varies in orientation. Way up uncertain, normal grade and reverse grade. So both occur probably ↓		22																				
1·74	1·77	101·7	70	Incipient fe sting along So fissility. F.I. variable, <10-100. Mineralized fractures post dole blk qt veinlets, sub ⊥L to LCA.	↓(?)	<5	BJ362	67·6	69·6	2·0	30-100	70	<1-2	<1	40	<1	x	x	✓ rare	x	x	x	lim	Fe		
1·56	1·53	98·1	39				BJ363	69·6	71·6	2·0																
0·85	0·90	105·9	28																							
0·35	0·40	114·3	0			52	BJ364	71·6	73·6	2·0	50	60	<1-2	<1	30-50	<1	x	x	✓	x	x	x	lim	Fe		
1·28	1·16	90·6	57																							
1·37	1·50	109·5	83	Grey qt ĉ 2m grey sh. interbedd. Very minor grey sh stringrs scattered throughout qt. Sequence is very poorly bedded. Very regularly fractured. Minor qt kool stngrs. sub ⊥L to LCA sh.			BJ365	73·6	75·6	2·0																
1·47	1·50	102·0	87			40					80-110	85	<1-2	1	40	1-2	✓	x	✓	✓	x	x	lim	Silcfn Fe		
1·58	1·53	96·8	92				BJ366	75·6	77·6	2·0																
0·48	0·78	162·5	8																							
0·58	0·61	105·2	0				BJ367	77·6	79·6	2·0	110	85	<1-3	1	45	1-2	x	x	✓	x	x	x	kaol. Lim			
1·09	0·07	79·8	72			50																				
0·70	0·66	94·3	38				BJ368	79·6	82·20	2·6	85	75	<1-4	1	43	2-3	✓	x	✓	rare	x	x	lim	Silcfn.		
0·40	0·39	97·5	0																							
0·55	0·47	85·9	34																							
Σ 21·65	Σ 21·12	97·55		Hole abandoned at 82·20m due to complete loss of circulation. Circulation was not regained after numerous attempts at sealing the hole.																						
Σ 47·55	Σ 44·69	93·99																								
Σ 69·20	65·81	95·10																								

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Project GREAT PYRAMID EL 10/80

Drillhole No BPD 9a

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METRES VISUAL LOG	% RECOV.	SAMPLE No.	Sn %	W %	As %	Cu %	Pb %	Zn %	Ag p.p.m.	Mo p.p.m.
			ASSAYS							
0		328								
		329								
	Open holing	330								
		331								
		332								
10		333								
		334								
	100	335								
	99	336								
	99	337								
20	95	338								
	87									
	91	339								
	94									
	97	340								
	99	341								
	100	342								
30	95	343								
	86	344								
	82	345								
	96	346								
	94	347								
40	100	348								
	90									
	79	349								
	96	350								
	78									
	89	351								
	96	352								

Sample missing

Project EL 10/80 GREAT PYRAMID

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Drillhole No BPD 9a

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METRES VISUAL LOG	% RECOV.	SAMPLE No 83
50		
	98	353
	70	354
	50	
	90	
	96	355
	100	356
	92	
	94	357
60		
	100	358
	93	359
	97	
	96	360
	100	361
	77	
	100	362
70		
	98	363
	100	364
	100	365
	100	366
	97	
	90	367
	100	
80	80	
	94	368
	96	
	99	

ASSAYS

Sn % 0 0·5 1·0

W % 0 0·05 0·10

As % 0 0·5 1·0

Cu % 0 0·5 1·0

Pb % 0 0·5 1·0

Zn % 0 0·5 1·0

Ag p.p.m. 0 10 20

Mo p.p.m. 0 50 100