THE BROKEN HILL PROPRIETARY CO. LTD.

Project E.L.10/80 GREAT PYRAMID

Drillhole No. BPD 8 801149

Sheet 1 of 3 00·0 50·4m

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)	% FRACT. MINERALISED	VEIN WIDTH mm RANGE	VEIN WIDTH mm AV.	ANGLE TO LCA	% BLK ROCK MIN.	VEIN MINERALOGY CASSIT.	WOLF.	QTZ.	MUSC.	SULPH.			WALL ROCK ALTERN.	ASSAYS Sn (%)	W (%)		SLUDGES INT.	No.	ASSAY Sn%	
0 - 8·89m Percussion Chips				NOT SAMPLED																								Not Applicable.			
				Brown sh. c̄ minor sst			BJ391	1·0	2·0	1·0															0·02						
				Red-brown sh.			BJ392	2·0	4·0	2·0															0·02						
				Red-brown slate (to 5·8m) then yellow brown sst/sh			BJ393	4·0	6·0	2·0															0·002						
				Yellow brown sst/sh (to 7·7m) then sst/qt			BJ394	6·0	8·0	2·0															0·02						
				Sst/qt (8·3m) then red brown sh.			BJ395	8·0	8·89	0·89															0·006						
0·20	0·20	100·0	0																												
1·40	1·38	98·6	90	Massive pink/purple sh. locally grading to yellow bn sst. Poorly bedded. Minor development of So fissility very poorly fractured and mineralized. Very erratic. Rare blk qtz veinlets and stringers at 50-70 LCA. Dominant fractures variable from 10-60 LCA. Fl ↑ in sst cf sh.		38	BJ396	8·89	10·89	2·0	<10	40	<1-3	<1	20-40	<<1	x	x	rare	x	x	lim	Fe sting local						
1·57	1·58	100·6	53				BJ397	10·89	12·89	2·0																					
1·13	1·10	97·4	49																												
0·46	0·46	100·0	0																												
0·60	0·46	76·7																													
0·80	0·77	96·3	61	Yellow bn Fe stnd sst c̄ interbedded grey sh, locally laminated. Evidence for soft sediment deformation in places and movement post fracting. Graded So implies correct way up ↑ however pebbles in sh at 21·30m in scour mark imply ↓. Sh. locally possesses a pale gn tinge. Sst generally more fractured than sh. Fl. however is very low. Fe stnd haloes common in sst fractures rare in sh.			BJ398	12·89	14·89	2·0 (sst)																					
0·97	1·04	107·2	49																												
0·95	0·87	91·6	52			35	BJ399	14·89	16·89	2·0	Locally 30 60+	50-60	<1-3	<1	35-45	<1	x	x	rare	x	x	lim	Fe sting.						
1·55	1·53	98·7	67																												
1·45	1·47	101·4	84			35	BJ400	16·89	18·89	2·0																					
1·69	1·64	97·0	58				BJ401	18·89	20·89	2·0 (sh)	15	60	<1-2	<1	30-40	<<1	x	x	rare blk	x	x	lim	Fe sting								
2·02	1·99	98·5	73			43	BJ402	20·89	22·89	2·0																					
0·90	0·86	93·3	65				BJ403	22·89	24·89	2·0																					
1·29	1·35	104·7	70			46	BJ404	24·89	26·89	2·0	<10	30	<1-<1	<1	10-30	<<1	x	x	x	x	py rare		—								
0·73	0·71	97·3	79																												
0·98	0·99	101·0	64																												
2·54	2·53	99·6	71			37	BJ405	26·89	28·8	1·91																					
2·01	2·04	101·5	80	Featureless grey sh. Locally bedded c̄ thin <1-5cm sst/sst (grey) beds. Local evidence for reworking of beds. In general So contacts are sharp. Way up ↑(?) Flames at 31·50 imply ↑ Lower in unit (32·5↓) sh. inbedded c̄ yellow bn sst. locally moderately fracted. Fe sting common especially in sst. Fracturing sporadic and erratic.	↑	40	BJ406	28·8	30·8	2·0 (sh)	9	20	<1-1	<1	40-60	<<<1	x	x	rare	x	x	lim	—						
1·45	1·48	102·1	71			37	BJ407	30·8	32·8	2·0																					
1·51	1·50	99·3	67			46	BJ408	32·8	34·8	2·0 (sh)	20	40	<1-<1	<1	40	<<1	x	x	x	x	x	lim	local Fe haloes							Fe haloes 2-4mm wide.	
1·49	1·47	98·7	78				BJ409	34·8	35·95	1·15																					
3·00	2·98	99·3	66	Interbedded grey to grey/bn sh. and fawn sst. Erratically fractured. Intruded by ½-1cm wide at stringers <10° LCA c̄ pervasive Fe sting and MnO_2 (?). Local brecin. Sh laminated in places. Poorly fractured. Chl becoming apparent in veinlets.		60	BJ410	35·95	37·95	2·0																					
							BJ411	37·95	40·25	2·30	50	60	<1-2	<1	40	<1	x	x	✓	x		chl lim	Fe haloes* Silcfn							*Not common	
1·44	1·47	102·1	75	Grey sst/qt, moderately fractured. Incipiently Fe stnd cut by irregular blk qtz veinlets 10-20° LCA. post date fracturing and mineralizing.		57																									
1·56	1·50	96·2	68				BJ412	40·25	42·25	2·0	25	65	<1-3	<1	30-50	<1	x	x	✓	✓ tr	py	lim chl	silcfn Fe sting.								
1·72	1·76	102·3	60	Interbedded grey sst/sh; rarely grading to qt. Poorly fractured cut by irregular <1-2mm blk qtz veinlets Flames imply ↑.	↑	50	BJ413	42·25	43·5	1·25 (qt)																					
1·28	1·12	87·5	74				BJ414	43·5	46·4	2·90	30-35	65	<1-2	<1-1	30-45	<1	x	x	✓	x	x	lim kao chl	Fe sting in places								
1·31	1·30	99·2	52	Grey silcfd/sst/qt. No sh interbeds. Regularly fractured post dates blk qtz veinlets. Minor 10cm breccia zone at 48·9m.		42																									
0·69	0·80	115·9	55				BJ415	46·4	48·4	2·0	55-65	70	<1-2	1	40-50	1	x	x	✓	x	py rare cpy	lim rare chl	silcfn								
1·00	0·96	96·0	74																												
2·95	2·99	101·4	48				BJ416	48·4	51·15	2·65	25-30	60	<1-2	1	35-50	<1	x	x	✓	x	py	lim	silcfn*								

Not Sampled

THE BROKEN HILL PROPRIETARY CO. LTD.

Project E.L10 80 GREAT PYRAMID

Drillhole Nº BPD 8 801150

Sheet 2 of 3 50.4 101.4m

METRES	DRILL RUN METRES RECOV.	DRILL RUN % RECOV.	RQD	DESCRIPTION	VISUAL LOG	ANGLE BEDDING TO LCA
2.17	2.14	98.6	79	Grey sh c̄ minor interbedded sst/slst, cross cut by numerous blk qtz veinlets at 15-30° LCA. Local green sh tint to grey sh. Severely fractured, brecd? Sst, fe stnd at 56.1 - 56.8m. Purple sh c̄ interbedded sst, bn, below breccia. This followed by sst cut by black qtz veinlets poorly fractured and mineralized.		40
0.30	0.30	100.0	57			
1.07	1.01	94.4	55			40
1.00	0.99	99.0	10			
1.26	1.28	101.6	38		△△△△	35
1.52	1.46	96.0	29	Yellow bn sst grading in alteration to grey qt c̄ minor laminated sh. interbedded		
1.48	1.51	102.0	9			
0.42	0.38	90.5	0	In general, sst is moderately well fractured although poorly mineralized. Fe stng common especially in sst. Sh interbeds not common. Rare black qtz veinlets pre date fractures. Very minor brecd at 62.9m.		38
1.52	1.57	103.3	54		△△△	
1.06	1.04	98.1	36			
0.76	0.72	95.0	0			
1.32	1.22	92.4	26	Interbedded grey sh. and slst/sst. Poorly fractured and mineralized. Minor mineralisation in "steep" black qtz veinlets - chl - sid - cpy. Local minor occurrences of erratic qt-sid stngs. Base of interval is brecd.		
1.54	1.52	98.7	78			58
1.97	1.96	99.5	57			
0.55	0.51	92.7	71			65
2.65	2.68	101.1	71	Grey qt c̄ minor are rare interbeds, 5-10cm of laminated sh/slst. Fracturing low in intensity and erratic in orientation. Erratic qtz stngs cross cut mineralized fractures. There appear to be at least two sets of fractures at high ∠ to LCA. Only one appears to be mineralized. Other is qtz sid veinlets. Py crystals locally occur in body of qt.	△△△△	
2.90	2.90	100.0	99			22
3.00	3.01	100.3	95			37
3.05	3.07	100.7	85	Grey qt c̄ interbedded sh. 10-20cm. Locally well fractured. Abdt low grade Cu mineralization. Qt-sid veinlets post date mineralized veinlets.		14 / 25
0.67	0.68	101.5	90	Dominantly massive grey qt c̄ minor very thin 1-3mm inbeds of shale. Moderately well fractured. Locally brecd (82.7m). Mineralizing mainly qtz - py - aspy - cpy ± chl ± ab cut by more erratic qtz sid veinlets. Very minor localized occurrences of chl (pinite) - sph magnetite in three irregular veinlets at 82.35, 82.45 and 84.23m, all veinlets sub ⊥L to mineralized fractures as in breccia 82.7m.	△△△△	20
1.60	1.65	103.1	100			
0.70	0.59	84.3	94			
0.91	0.93	102.2	82			
1.55	1.47	94.8	88			
0.76	0.76	100.0	97			
0.91	0.75*	82.4	79			30
0.70	0.70	100.0	100			
2.77	2.70	97.5	78			
2.49	2.52	101.2	95	Massive grey qt c̄ 5-40cm inbeds of grey sh, locally laminated. Qt is locally feldspathic. Minor slumping of soft sediment deformations observed. Graded bedding is downhole facing, rare flames imply ⊥. Dominant mineralized fractures generally regular in orientation rarely movement along fractures. Very minor localized brecfn in qt c̄ qtz, chl - cpy - sph assemblage in filling. Very fine regularly orientated qt - sid veinlets pre date mineralized fractures. Mineralized fractures generally chl (pinite) bearing rarely muscovite selvedges occur. Chl sheen very common on fractures cross cutting mineralization. Trace of fluorite in fractures (mineralized)	⊥	32
0.76	0.76	100.0	87			
1.00	1.01	101.0	93			
0.75	0.75	100.0	0			
1.77	1.70	96.1	65		△△△	
0.70	0.70	100.0	69			25
0.51	0.53	104.6				
0.52	0.39	75.0	0			
1.57	1.52	96.8	97		⊥	
1.26	1.30	103.2	82			32

SAMPLE NUMBER	FROM	TO	INTVL.	FRACT. DENST. (per m)	% FRACT. MINP'SD	VEIN WIDTH mm RANGE	VEIN WIDTH mm AV.	ANGL TO LCA	% BLK ROCK MIN.	VEIN MINERALOGY CASSIT.	WOLF.	QTZ.	MUSC.	SULPH.			WALL ROCK ALTERN.	ASSAYS Sn (%)	W (%)			
BJ 417	51.15	53.15	2.0	(sh) <5	40	<1-1	<1	40	<<<1	x	x	x	x	py		x	—					
BJ 418	53.15	55.15	2.0	(sst)																		
BJ 419	55.15	57.15	2.0	40	60	<1-2	<1	35-50	<1	x	x	✓	x	py		rare chl/kaol	Silcfn					
BJ 420	57.15	58.4	1.25	20	50	<1-2	<1	45	<<1	x	x	✓ rare	x	x						57.5 to 60.5	BJ 443	
BJ 421	58.4	60.4	2.0	20-30	65	<1-4	1	40-45	1	x	x	✓	tr	py		lim	Silcfn					
BJ 422	60.4	63.15	2.65	20-25	55	<1-1	<1	35-55	<1	x	x	✓	x	x		lim	Fe stng. Silcfn Fe stng			60.5 to 63.5	BJ 444	
BJ 423	63.15	65.15	2.0																	63.5 to 66.5	BJ 445	Approx limit to depth of oxidation.
BJ 424	65.15	67.15	2.0	<10	40	<1-1	<1	35	<<<1	x	x	x	x	py	sid.	x	—					
BJ 425	67.15	69.45	2.30																	66.5 to 69.5	BJ 446	
BJ 426	69.45	71.45	2.0	45-50	60	<1-7	1	35-40	1	x	x	✓	x	py, aspy	sid	chl				69.5 to 72.5	BJ 447	
BJ 427	71.45	73.45	2.0																	72.5 to 75.5	BJ 448	
BJ 428	73.45	75.45	2.0																			
BJ 429	75.45	77.85	2.40	30	75	<1-9	1-2	35-45	1-2	x	x	✓	✓	py, aspy rare cpy ga?	sid	chl	Local Fe stng.			75.5 to 78.5	BJ 449	
BJ 430	77.85	79.85	2.0	35	80	<1-11	1-2	35-50	2-3	x	x	✓	✓	py aspy cpy	sid	chl (minor)	silcfn			78.5 to 81.5	BJ 450	
BJ 431	79.85	80.95	1.10																			
BJ 432	80.95	82.95	2.0	40	80	<1-7	1	20-60	1-2	x	x	✓	x	py, aspy cpy	sid, mag	pimite chl				81.5 to 84.5	BJ 451	
BJ 433	82.95	84.95	2.0	30	85	<1-6	2	30-55	2-3	✓	x	✓	x	cpy py aspy	sid	chl.			No Water Return			* Core loss recorded.
BJ 434	84.95	86.95	2.0																			
BJ 435	86.95	88.95	2.0	45-60	85	<1-10	1-2	35-45	2-3	✓ tr	x	✓	✓ tr	** aspy, py, cpy, sph	sid	pimite chl.				87.5 to 90.5	BJ 452	** Only as selvedge on large veinlets.
BJ 436	88.95	91.15	2.20	25-35	80	<1-6	1-2	35-50	1	x	x	✓	x	aspy, py, cpy, sph	sid	Interbanded chl.						
BJ 437	91.15	93.15	2.0	42	75	<1-7	1	42-51	1	✓ tr	x	✓	rare	cpy py	sid	chl	silcfn					
BJ 438	93.15	95.15	2.0																			
BJ 439	95.15	97.15	2.0	65	80	<1-4	1	45-50	1	x	x	✓ local black	✓	cpy aspy.	sid mag	Interbanded chl	Silcfn					F.I. apparently ↑ with depth below 90m
BJ 440	97.15	99.15	2.0	57	75	<1-5	1	40-50	1	x	x	✓	✓	py, cpy aspy	sid	chl						
BJ 441	99.15	101.15	2.0	53	85	<1-8	2-3	45-50	1-2	✓ tr	x	✓	✓	cpy py	sid	chl fl	silcfn					

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Project E.L.10 80 GREAT PYRAMID

Drillhole Nº BPD 8 801151

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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. DENS. (per m)	% FRACT. MIN.	VEIN WIDTH mm RANGE	VEIN WIDTH mm AV.	ANG. TO LCA	% BLK ROCK MIN.	VEIN MINERALOGY CASSIT.	WOLF.	QTZ.	MUSC.	SULPH.			WALL ROCK ALTERN.	ASSAYS Sn (%)	W (%)	
0·05	0·10	125·0	100																								
1·10	1·06	96·4	92				BJ442	101·15	103·08	1·93																	
0·60	0·51	85·0	61																								
42·62	41·77	98·00																									
51·59	51·08	99·01																									
Σ 94·21	Σ 92·85	98·56																									
				99·48																							
0·20	0·28	140·0	82																								
0·05	0·05	125·0	0																								
0·12	0·14	116·7	0																								
0·05	0·06	120·0	0																								
0·15	0·12	80·0	0																								
				100·04																							

Project EL 10/80 GREAT PYRAMID

THE BROKEN HILL PROPRIETARY CO. LTD.

Drillhole No BPD 8 801152

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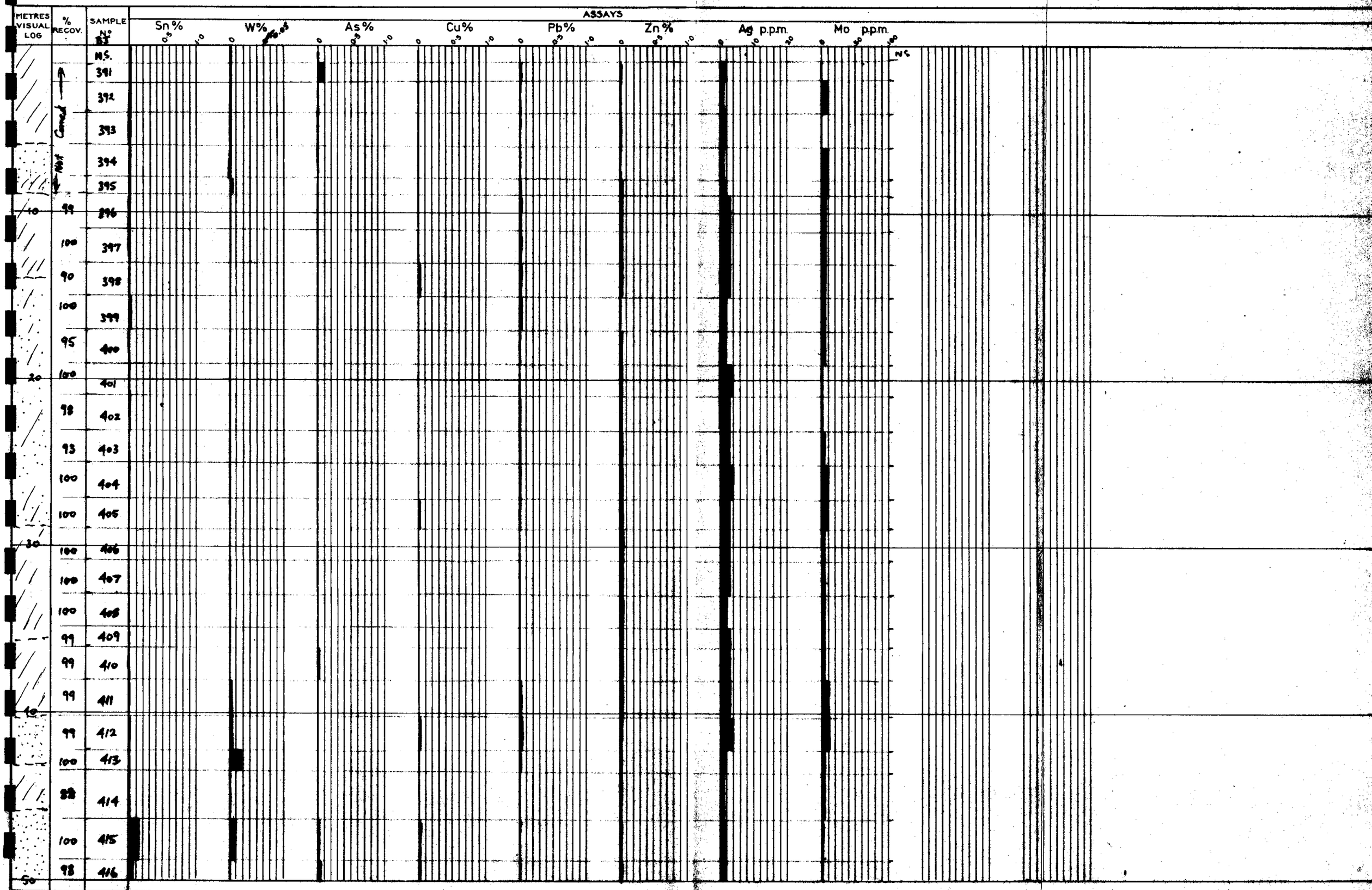

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Project EL 10/80 GREAT PYRAMID

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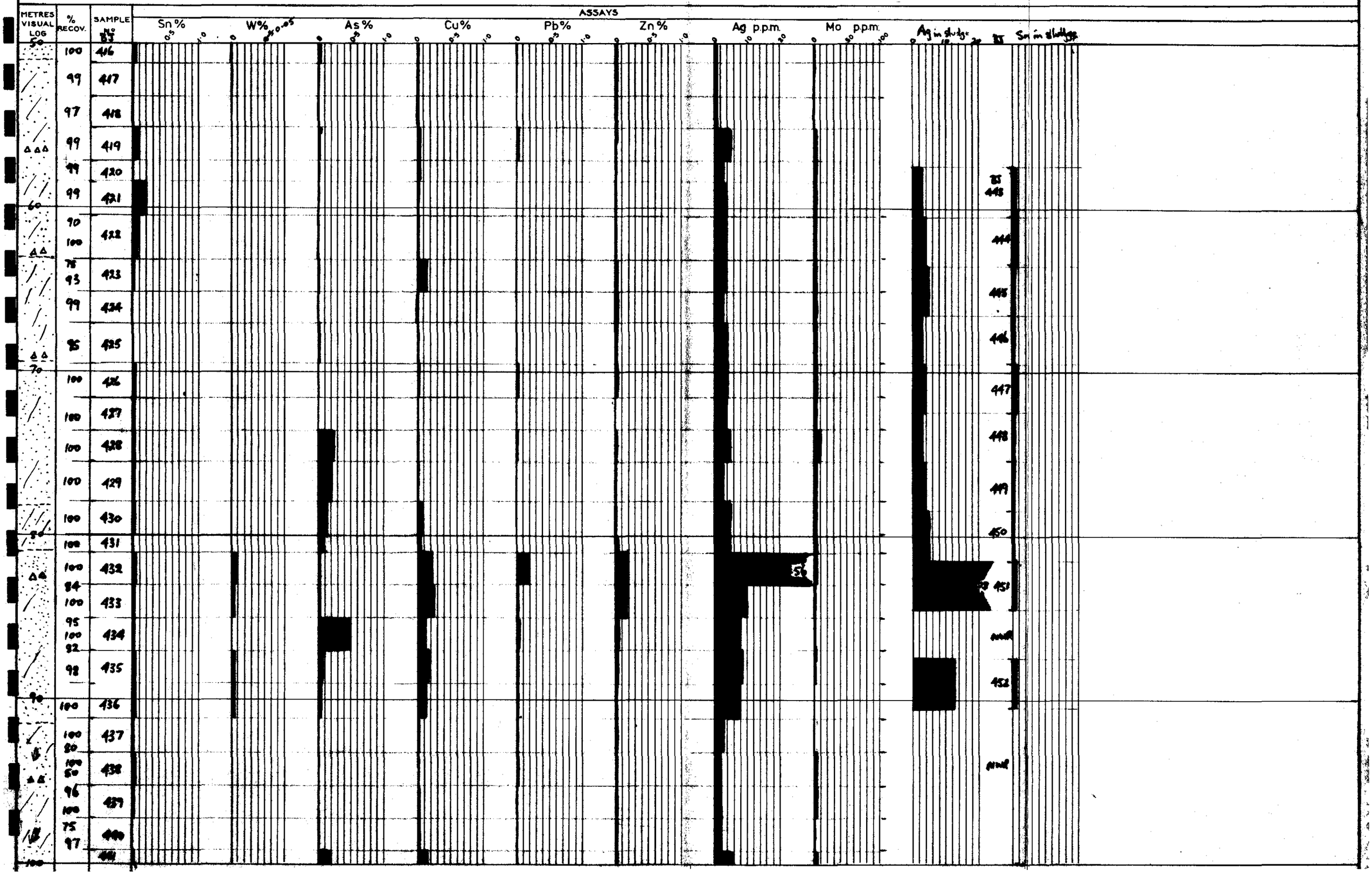

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Project EL 10/80 GREAT PYRAMID

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METRES VISUAL LOG	% RECOV.	SAMPLE No	ASSAYS Sn %	W %	As %	Cu %	Pb %	Zn %	Ag p.p.m.	Mo p.p.m.	
100	100	441									
	96	442									NAR
	85										