

APPENDIX VIII

DRILL LOGS

LAKE STOCK  
LK 88-139 TO LK 88-140

19584

PART

6 00 7







# BEMA GOLD CORPORATION

PROPERTY HARRISON LAKE

NTS. MAP GRID - 92 H 5

HOLE No. Lk-88-139 SHEET No. 7 OF 8

METERS FROM - TO	Rock Type and Textures - Colour, Alteration.	Angles		Veins		Graphic-veins		%		%		%		Meters Blocks	EST. Core Rec.	ASSAY																			
		Contact	Bedding	Clear/Foliot	Faults	Meters	Type	Thickness	Angle	Generation	Meters	@ Y.G.	Size Y.G.Mm.			Hornblende	Biotite	Musc./Seric.	Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	Chalcopyrite	Arsenopy	Pyrrhotite	Pyrrolite	FROM SAMPLE N. TO	Sample Length	Au oz/t	Au 1 PPG	Au 2	Au 3	Ag
	QUARTZ - DIORITE (CONT'D) BIOTITE BEARING @ PEG. Pt. 1										15	15	15	95.08		↑	↑											↑							
	@ 34.80 BROKEN UP 2-4 cm WIDE MILKY QTZ VEIN.										35							45996	2												32				
	VEIN IS WEAK, UNMINERALIZE W/ V. STRONG LIMONITIC STAIN.															35.66		*	*																
																45997	2											400.66			486				
																*	*																		
																45998	2														3				
	FROM 39.16 TO 41.76 CORE IS BADLY BROKEN UP WITH MOD. TO STRONG LIMONITIC STAIN													38.71		*	*																		
																45999	2														81				
	@ 41.10 - 4cm FELSIC DYKE													41.76		↓	↓																		















# BEMA GOLD CORPORATION

PROPERTY HARRISON LAKE

NTS. MAP GRID - 92 H 5

HOLE No. LK-98-139<sup>B</sup> SHEET No. 3 OF 14

METERS FROM-TO	Rock Type and Textures - Colour, Alteration.	Angles				Veins		Graphic-veins		%		%		%		Meters Blocks	EST. Core Rec.	ASSAY																				
		Contacts	Bedding	Cleas/Folial	Faults	Metres	Type	Thickness mm	Angle	Generation	Meters	% V.G.	Size V.G. mm.	Hornblende	Biotite			Musc./Biot.	Chlorite	Epidote	Gypsum	Sarnet	Clay	Carbonate	Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	FROM SAMPLE N. TO	Sample Length	Au oz/t	Au 1 PPS	Au 2	Au 3	Ag			
																																				From Sample N. TO	Sample Length	Au oz/t
	QUARTZ DIORITE (CONT'D) BIOTITE REMAINS AS PER PG. 1											15	5	15															92.28									
												25	10	25																								
	@ 55.40 TO 54.50 LEUCOCRATIC FELSIC DYKE 4% BIOT.																												92.28	*	*							
	@ 55.50 TO 56.15 HVB MNFL XENOLITH w 3-4% FINE DISSID P XENOLITH IS CUT BY LEUCOCRATIC DYKE FROM 55.80 TO 55.94																												56.80		2		2					
	@ 56.78 TO 56.82. V. STRONGLY HYBRIDIZED HNF XENOLITH. W 2-3% U.FINE Po.																													*	*							
	@ 57.50 1cm wide FELSIC DYKE W 3% BIOT @ 03° TO CORE/AXIS.																												87.75		2		19					
																														*	*							
	@ 59.92 TO 60.02 LEUC. FELS. DYKE W. 5% BIOT.																												59.74		2		2					
	60.00 TO 64 BRONEN UP CORE OF MOSTLY FRIABLE Q.D W. MOD LIMONITE STAIN.																													*	*							
																													77.61	*	*							
																															2		3					
																															2							

# BEMA GOLD CORPORATION

PROPERTY HARRISON LAKE

NTS. MAP GRID - 92 H 5

LK-88-139B  
HOLE No. \_\_\_\_\_ SHEET No. 4 OF 14

METERS FROM - TO	Rock Type and Textures - Colour, Alteration.	Angles		Veins	Graphic-veins	%		%		%		Meters Blocks	EST. Core Rec.	ASSAY						
		Contact Bedding	Clock/Foliat Folite	Meters Type Thickness Angle	Generation Meters	Meters @ V.G. Size V.G. mm.	Hornblende Biotite Musc./Seric.	Chalcopyrite Epidote Gypsum Garnet Clay Carbonate	Chalcopyrite Arsenopy Pyrrhotite Pyrite	FROM SAMPLE N. TO	Sample Length			Au oz/t	Au 1 PPM	Au 2	Au 3	Ag		
	QZ DIORITE (CONT'D) BIOTITE BEARING AS PER PG. 1							15	5	15			77.6	46024						
	@ 63.18 TO 63.30 LEUCOCRATIC FEISIC DYKES; 3% BIOT.							10	10	1			63.09	*	*					
								25	16	25				46025	2		13			
64.10 TO 70.70	ZONE WHERE Q.D. IS CUT BY 50 TO 70% DIORITIC DYKES. DYKES ARE MBL & FELDS PORPHYRITIC. DIOR GROUND MASS IS FINE WITH 4% FELDS PHENOCRYSTS (2-3mm) AND 5 TO 6% MBL PHENO- CRYSTS (1-6mm)												100.66	*	*					
	CONTACT BETWEEN DYKES & Q.D. IS VARIABLE BUT GENERALLY 40° TO 60°												66.14	46026	2		2			
													94.43	*	*					
														46027	2		1			
													69.19	*	*					
	QV @ 0.5% SPHALERITE																			
	@ 69.70 FEISIC DYKE 3% BIOT.													46028	2		18			



# BEMA GOLD CORPORATION

NTS. MAP GRID - 92 H 5

PROPERTY HARRISON LAKE

HOLE No. LK-88-139B SHEET No. 6 OF 14

METERS FROM - TO	Rock Type and Textures - Colour, Alteration.	Angles		Veins	Graphic-veins	%		%		%		Meters Blocks	EST. Core Rec.	ASSAY							
		Contact Bedding	Clear/Foliated	Faults	Meters Type Thickness Angle	Generation	Meters % V.G. Size V.G. mm.	Hornblende Biotite Musc./Seric.	Chalcopyrite Epidote Gypsum	Garnet Clay Carbonate	Chalcopyrite Arsenopy Pyrrhotite Pyrite			FROM SAMPLE N. TO	Sample Length	Au oz/t	Au 1 PPB	Au 2	Au 3	Ag	
	FEISIC DYKE.											78.33		46032							
78.30 TO 97.00	QUARTZ DIORITE BIOTITE BEARING XENOLITH BEARING (Q.D. IS @ PER PS I XENOLITH ARE METASED (MORNFIESED & HYBRIDI ZED) XENOLITH ARE LOCALY PO RICH.											79		*	*						
												80	92.46	46033	2		3				
												81		*	*						
												82	81.38	46034	2		17				
												83	94.26	*	*						
												84	83.82	46035	2		2				
												85	89.44	*	*						
												86	85.04	*	*						
														46036	2		3				

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B 9 17050

















# BEMA GOLD CORPORATION

NTS. MAP GRID - 92 H 5

PROPERTY HARRISON LAKE

HOLE No. LK-88-139-B SHEET No. 17 OF 19

METERS FROM-TO	Rock Type and Textures - Colour, Alteration.	Angles		Veins	Graphic-veins	%	%	%	Meters Blocks	EST. Core Rec.	ASSAY																											
		Contacts	Bedding	Clear/Foliat	Faults	Meters	Type	Thickness			Angle	Generation	Meters	@ V.G.	Size V.G. mm.	Hornblende	Biotite	Musc./Seric.	Chalrite	Epidote	Gypsum	Garnet	Clay	Carbonate	Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	FROM SAMPLE N. TO	Sample Length	Au oz/1	Au 1 P.P.B.	Au 2	Au 3	Ag			
	METASEDIMENTS HOARFISED + HYBRIDIZED LOCALLY.										142.34	46064																										
												*	*																									
											93.71	46065	2		23																							
												*	*																									
	@ 145.85 TO 146.05 SILICIOUS SED W 2.0% NiS D PA.										145.39	46066	2		1																							
												*	*																									
												46067	1.43		18																							
	148.43 EDH										148.43	↓	↓																									
	70.84 to 44.84 Q.D. BIOTITIC PHASE											149.43																										
	44.84 to 41.60 METASEDIMENTS HMFL + MYD																																					
	49.60 to 67.10 Q.D. BIOTITIC PHASE (C41.68 NX → BQ)																																					
	64.10 to 70.70 DIORITIC DYKE ZONE IN BIOTITIC Q.D.																																					
	70.70 to 75.14 Q.D. BIOTITIC PHASE																																					
	75.14 to 94.00 XENOLITHIC Q.D. BIOTITIC PHASE																																					
	94.00 to 138.0 Q.D. BIOTITIC PHASE																																					
	138.10 to 148.43 METASEDIMENTS HMFL + MYB																																					

SUMMARY





# BEMA GOLD CORPORATION

NTS. MAP GRID - 92 H 5

PROPERTY HARRISON LAKE

HOLE No. LK-88-140 SHEET No. 2 OF 2

METERS FROM - TO	Rock Type and Textures - Colour, Alteration.	Angles		Veins	Graphic-veins	%		%		%		Meters Blocks	EST. Core Rec.	ASSAY					
		Contact Bedding Cleas/Foliat Faults	Metres Type Thickness Angle	Generation	Meters @ V.G. Size V.G./mm.	Hornblende Biotite Musc./Seric.	Chalrite Epidote Gypsum Garnet Clay Carbonate	Chalcopyrite Arsenopy Pyrrhotite Pyrite	FROM SAMPLE N. TO	Sample Length	Au oz/1			Au 1	Au 2	Au 3	Ag		
	QUARTZ Diorite BIOTITE BEARING (CONT'D) ALBER DAGE 1						5 5	15						46070					
							25 10	25				19.81	114.75	*	*				
												113.07	46071	2	259				
												21.34	*	*					
												104.22	46072	2	5				
												23.47	*	*					
												111.48	46073	2	5				
													*	*					
													46074	2	2				

METERS FROM - TO	Rock Type and Textures - Colour, Alteration.	Angles				Veins		Graphic-veins		% Meters			% Meters					EST. Core Rec.	ASSAY																		
		Contact	Bedding	Clax/Foliat	Faults	Metro	Type	Thickness	Angle	Generation	Meters	% v.s.	Size v.s. mm.	Microblende	Stellite	Musc./Beric.	Chlorite		Epidote	Gypsum	Berret	Clay	Carbonate	Chalcopyrite	Arenopyrite	Pyrrhotite	Pyrite	Meters	Block	FROM SAMPLE N. TO	Sample Length	Au oz/t	Au 1	Au 2	Au 3	Ag	
	QUARTZ DIORITE BIOTITE BEARING (CONT'D) AS PER PAGE 1												15	5		15													26.52	46074							
																													*	*							
																													105.26	46075	2						
	@ 28.00 TO 36.50 FRIABLE Q.D. WITH MINOR LIMONITE STAINING																												29.56								
																													100.73	46076	2						
																														*	*						
																														46077	2						
																													32.31								
																														*	*						
																													88.06	46078	2						

METERS FROM - TO	Rock Type and Textures - Colour, Alteration.	Angles				Veins		Graphic-veins		%		%		%		Meters Blocks	EST. Core Rec.	ASSAY						
		Contact Bedding Cleav./Foliation Foliation	Metres Type Thickness Angle	Generation	Meters	Metres V.G. Size V.G. mm.	Hornblende Biotite Musc./Seric.	Chlorite Epidote Gypsum Serpent Clay Carbonate	Chalcopyrite Arsenopy Pyrrhotite Pyrite	Meters Block	EST. Core Rec.	FROM SAMPLE N. TO	Sample Length	Au oz/t	Au 1 ppm			Au 2	Au 3	Ag				
	QUARTZ DIORITE BIOTITE BEARING (CONF'D) AS PER PAGE 1.								15	5	15					88.06	46078							
									25	7	25						*	*						
																35.16								
																	46079	2		19				
																	*	*						
																104.26								
																	46080	2		18				
																	*	*						
																38.71								
																	*	*						
																	46081	2		18.7				
	→ QU. with POSSIBLE REAGAR & ORPIMENT (TRACE)															100.00								
																	*	*						
																	46082	2		3				
																41.76								







METERS FROM - TO	Rock Type and Textures - Colour, Alteration.	Angles				Veins		Graphic-veins		%		%					Meters Blocks	EST. Core Rec.	ASSAY																			
		Contact	Bedding	Clash/Foliation	Fault	Metric	Type	Thickness	Angle	Generation	Meters	% V.S.	Size V.S. mm.	Morablonde	Biomite	Musc./Seric.			Chalazite	Epidote	Gypsum	Serpet	Clay	Carbonate	Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	FROM SAMPLE N. TO	Sample Length	Au oz/1	Au 1 PPB	Au 2	Au 3	Ag			
	QUARTZ Diorite BIOTITE BEARING (CONT'D) AS PER P5. 1											15	5	15														66.14		46094								
																													100.33	*	*							
																													69.19		46095	2			3			
																													69.19	*	*							
																													70		46096	2			1			
																													71	*	*							
																													72		46097	2			2			
																													72.24	*	*							
																													73	*	*							
																													74		46098	2			2			







# BEMA GOLD CORPORATION

NTS. MAP GRID - 92 H 5

PROPERTY HARRISON LAKE

HOLE No. NK-88-140 SHEET No. 11 OF 20

METERS FROM - TO	Rock Type and Textures - Colour, Alteration.	Angles				Veins				Graphic-veins			%		%				Meters Blocks	EST. Core Rec.	ASSAY													
		Contacts	Bedding	Clear/Foliat	Faults	Metres	Type	Thickness	Angle	Generation	Metres	Ø V.G.	Size V.G. mm.	Hornblende	Biotite	Musc./Swic.	Chlorite	Epidote			Gypsum	Garnet	Clay	Carbonate	Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	FROM SAMPLE N. TO	Sample Length	Au oz/1	Au 1	Au 2	Au 3
	QUARTZ DIORITE BIOTITE BEARING (CONT'D) AS PER PAGE 1												15	5	15											90.72								
																										100.33	46112	↑						
																											46113	↑						
																											46114	↑			2			
																											46115	↑				1		
																										93.27	46116	↑						
																											46117	↑			2			
																											46118	↑						
																											46119	↑						
	@ 95.14 TO 95.38 MILKY QTZ CBNT VEIN					02 Q 16 20 17 QC 24 35																TR	5R 6 3		100.98	46120	↑				1			
																											46121	↑				15		
						009 Q 14 65																	FR	15		96.32	46122	↑						
																											46123	↑				2		
																											46124	↑						
																											46125	↑						
																											46126	↑						
																											46127	↑						
																											46128	↑						
																											46129	↑						
																											46130	↓				3		
						50 Q 6 40																				92.43	46131	↓						



















# BEMA GOLD CORPORATION

NTS. MAP GRID - 92 H 5

PROPERTY HARRISON LAKE

HOLE No. LA-89-146 SHEET No. 20 OF 21

METERS FROM - TO	Rock Type and Textures - Colour, Alteration.	Angles		Veins		Graphic-veins		%		%		%		Meters Blocks	EST. Core Rec.	ASSAY																		
		Contact	Bedding	Cleax/Foliat	Fault	Meters	Type	Thickness	Angle	Generation	Meters	W.V.G.	Size V.G. mm.			Horblende	Biotite	Musc./Seric.	Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	Chalcopyrite	Arenopyrite	Pyrrhotite	Pyrite	FROM SAMPLE N. TO	Sample Length	Au oz/1	Au 1	Au 2	Au 3
	QUARTZ - FINE GRAINED - FINE GRAINED																																	
																	101.97											↓						
																												46153	2.29					
																												↑						
																	163.68																	
																	65.57																	
164.29 END	164.29 END OF HOLE																																	
	SUMMARY																																	
0.00-12.50	OVERBURDEN																																	
12.50-164.29	Q.D. ERODITIVE PHASE																																	
164.29	EDH																																	
	(*K120.47 NX → BQ)																																	