APPENDIX IV

DRILL HOLE SUMMARY

JENNER STOCK
JN(UG) 88-119 TO JN(UG) 88-123

BEMA GOLD CORPORATION

N.T.S. MAP GRID: 92 H 5
LOCATION: JENNER - SLASH #4
DATE COLLARED: NOV. 28/88
DATE COMPLETED: DEC 2/88
REF. SECTION: 9475N

DEPTH	DIP	AZ.
0	-60°	270°
61.0	-59°	269.5°
121.9	-62°	269.5°
171.9	-58°	276.5°

LENGTH: 176.48
ELEVATION: 187.9 m ASL
NORTHING: 9484.9
EASTING: 11309.3
PROPERTY: HARRISON LAKE
CORE SIZE: NQ - II
SCALE OF LOG: 1:50
HOLE No.: JN(UG) 88-119
SHEET No. 1 of 23
LOGGED BY: D. Riley / B. Bowe
DATE: Dec. 3/88.

METERS FROM - TO	Rock Type and Textures - Colour, Alteration.	Angles: Contacts	Veins: Meters	Veins: Type	Veins: Angle	Graphic-veins	Graphic-veins: V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Chlorite	% Epidote	% Garnet	% Carbonate	% Pyrrhotite	% Pyrite
0.61 - 24.16	HORNFELS SEDS w short sections of QD dyking, seds are chloritic and garnetiferous, locally mottled but generally well bedded / -banded at 70° to CA, Po is dissem., patchy and assoc. c Qtz vning + periodic irreg & discont. QCV.		.61	QP	60 ?	QPo v w cp + VG(?), vn is broken	10 +	.01 - .25	10 to 15	≤ 1	30 to 35	< 1	5 to 7	≤ 1	2 to 3	≤ 1
	3.60 - 4.70 QD dyke, typical Jenner Stock QD w occassional hornfels sed xeno	40														
	Po w cp vn irreg & discont		.20	P												
	Po v w cp irreg.		.25	P	9 60											

Graphic log depth scale: 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0

Meters Blocks	EST. Core Rec.	SAMPLE No.	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
0.61 - 2.44	82%	44618	1.39	0.001	[illegible]			
2.44 - 3.46	150%	44619		[illegible]	[illegible]			
		44620		[illegible]				
3.46 - 5.49	75%	44621		0.001	[illegible]			
		44622		0.001	[illegible]			
5.49 - 7.01	101%	44623		[illegible]	0.22			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(06)88-119 SHEET No. 2 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.
	Qz(chl)v ≅ Po+Py, vuggy					.06	Qz	8	40																		7.01	101%
	Qz v ≅ Po					.08	Qz	10	35																		8.53	
																												99%
	Qv ≅ Po 10.00 – 15.00 RARE Qtz and Qtz-Carb. vning, discont and irregular					.92	Q	11	55																		10.06	
																												102%
																											11.58	
																												99%
																											13.11	
																												98%
																											14.63	

ASSAY

FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
44624							
44625							
44626							
44627							

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(46)88-119 SHEET No. 3 OF 23

METERS FROM – TO | Rock Type and Textures – Colour, Alteration

HORNFELS (CONT'D)

Rock Type and Textures – Colour, Alteration	Angles: Contacts	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Metres	Metre Blocks	EST. Core Rec.	Sample No. (From–To)
Qv, barren.		.05	Q	3	60				
								103%	
						16.0	16.15		
Qc v w po, irregular & discont		.2	QC						
Qv w po + py		.43	Q	6	55				44628
Qc v, barren		.52	QC	2	20				
						17.0		92%	
17.15 – 18.30 QD dyke (typical Jenner stock QD)	60								
							17.68		
						18.0			
Qv w po + py		.30	Q	6	50				
								95%	44629
						19.0	19.20		
									44630
						20.0		96%	
Qv assoc w po, irreg.		.58	Q	10	60				44631
20.76 – 20.86 Qv, irreg. w po + py + tr cp			Q		60		20.73		
						21.0			
21.43 – 21.85 Abundant po, patchy & disseminated 3-5% trace of cp.								101%	44632
21.95 – 22.30 Qving, irregular w po filled fractures, also w py + cp						22.0	22.25		
									44633
Qv w po		.88	Q	5	60	23.0		102%	

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. _____ | SHEET No. 4 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
																												23.77		414631							
24.16 – 110.75	QUARTZ DIORITE, med grained, grey, med to coarse grained, fairly typical Jenner Stock QD 24.62 – 25.15 – Hornfels and/or partly hybridized seds, local weakly defined banding	55												10 to 15	5 to 10	≤1 to 30					3 to 5			2 to 3	1 to 2		101%	414635							start 31/4 ft
	25.15 – 25.70 Biotitic QD										25.0																25.30		414636							
	Po fracture fill ≈ py					.51	P	2	25																										
	Po fracture fill ≈ py					.54	P	2	20		26.0																									
	Qv ≈ po + py ± trcp					.18	Q	10	70	S																		100%	414637							
																												26.82								
	Qv ≈ po + py					.96	Q	2	75		27.0																									
	Qv ≈ po + py					.74	Q	6	35																			95%	414638							
											28.0																	28.35		414639							
	Po fracture fill ≈ py ± trcp ± ♯VG					.00	P	3	45		29.0	11	.05																						
	Qv ≈ po + py ± ♯VG					.10	Q	9	15			6	.05																	103%	414640							
	Qv ≈ po + py					.54	Q	4	85																			29.87								
											30.0																									
	Qv ≈ po + py + trcp					.53	Q	3	70																										
	Qv ≈ po + py + cp ± ♯VG					.60	Q	5	60			10	.05 .10																						
	Qv ≈ po + cp					.76	Q	4	30																										
	Qv ≈ po + py + cp					.87	Q	4	85		31.0																			414641							

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN(UG) 88-118

HOLE No. _____ SHEET No. 5 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: a.v.g. Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Qv, irreg & discont w po+cp					.17	Q	–	–																									
	Qv, barren					.44	Q	3	5																									
	Qv w po + tr cpy					.74	Q	14	85																	31.39								
											32.0																								
	Qv w po+py+cp+*VG					.34	Q	30	70	3	.05/100																							
	Qv w po					.40	Q	5	15																		100%							
	Qv w po + py					.85	Q	3	80																									
	Qv w po, irreg & discont					.98	Q	–	–		33.0															32.92								
	Qv, barren					.63	Q	–	–																									
	Qv abund po + py					.69	Q	10	80																									
	Qv w po + py + tr cp					.83	Q	16	50																									
	Qcv w po, irreg & discont.					.95	QC				34.0																							
	Qs v, barren, irreg.					.10	QC	?	5																									
																										34.44								
	Qv w diss po					.63	Q	2	40																		101%							
											35.0																							
	Qv w po + py					.43	Q	3	70																									
	Qv w po + py + *VG					.80	Q	20	85		36.0	31 .05/50														35.97								
	Qv w tr po					.56	Q	7	50																		102%							
	Qv w po + py					.12	Q	16	60		37.0																							
																										37.49								
											38.0																							
	Qv, barren					.02	Q	5	15																		104%							
	Qv w po					.11	Q	2	80																									
	Qv w tr po + tr asp					.46	Q	5	15																									
	38.67 – 39.82 Sericitic QD, intrusive texture is fmnt, dyke or phase change ??	30				.85	Q	11	10		39.0															39.01								

Qv w tr asp

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(06)88-119 | SHEET No. 6 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Qv ≈ tr po + asp?					24	Q	5	25																		39.01									
	Qv ≈ tr po + py + asp(?)					27	Q	7	35																												
	Qv ≈ tr po					62	Q	6	50																												
	Qv ≈ po + py					80	Q	20	80																												
											40.0																		102%	44650							
	Qv ≈ po + py					73	Q	22	75																		40.54									
	Qv ≈ po					86	Q	2	55																												
	Qv ≈ po + py + tr cp					92	Q	5	50																												
											41.0																		97%	44652							
	Qv ≈ po + py + cp					50	Q	29	60																												
	Qv ≈ po					63	Q	2	80																												
											42.0																		42.06								
	Qv ≈ po					78	Q	3	80																												
											43.0																		101%	44653							
	Po fracture fill ≈ tr *VG, irreg.					12	P	5	70			1	1.05																								
																												43.59								
											44.0																			44654							
	Qv ≈ po + py					28	Q	4	60																												
	Q(ch) v ≈ po + py + VG					36	Q	2	70			3	1.05																								
	Q(ch) v ≈ po					49	Q	4	30																												
											45.0																		100%	44655							
																												45.11								
	Qc v ≈ po + py + cp + *VG					61	Qc	10	50	5		2	1.25																								
											46.0																		98%	44656							
	Qv ≈ po + py + cp					53	Q	10	70																												
	Qv ≈ po + py + *VG					57	Q	5	60			1	1.01																								
	Qv ≈ po + py					83	Q	3	80		47.0																										
																												46.63		44657						

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(06)88-119 | SHEET No. 7 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Metres / e.v.e. / Size V.G. mm.	% Hornblende / Biotite / Musc./Sericite	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gms/tonne	Au 2	Au 3		Ag
	Q(chl) v ≅ po		.10 Q 2 60						99%	44658		0.005					
	Q v ≅ po		.07 Q 3 20 S	48.0				48.16		44659							
	Q v ≅ po		.48 Q 2 70	49.0					101%	44660							
	Q v ≅ po + py		.29 Q 30 65	50.0				49.68		44661							
	Q v ≅ po + py(?) + ✱V/v		.45 Q 4 80	1.05					100%								
	Q v ≅ po		.02 Q 2 85	51.0				51.21		44662		0.005					
	Q v ≅ po + py + cp + tr V/v?		.53 Q 12 70	52.0 1 101					103%	44663							
				53.0				52.73		44664		0.005					
	Qv po + py + cp + ✱V/v		.40 Q 34 80	54.0 3 ✱%					100%								
				55.0				54.25		44665		0.035					
									99%								

DEMIA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(06)88-119 SHEET No. 8 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Metres	a.v.g.	Size V.G. mm.	% Hornblende	Biotite	Musc./Seric.	% Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Metres Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Qv w po +py					.07	Q	4	65																										
	Qv w po					.44	Q	6	45																										
	Qv w po					.75	Q	3	85																		55.78								
											56.0																								
	Q(chl) v w po +py +cp					.22	Q	11	60																										
	Qv w po +py +cp					.26	Q	10	50																				102%						
	Qv w po + ts vlz??					.92	Q	3	70		57.0	1	.01																						
	Qv w po +py					.37	Q	5	50																		57.30								
	Qv w po					.50	Q	2	70																										
	Qv w po					.67	3	2	85																										
	Qv w po +py					.19	Q	2	85		58.0																								
	Qv w po					.48	Q	3	50																				98%						
	Qv w po +py +vlz					.49	Q	12	30	S	1	.05	.35																						
											59.0																58.83								
	Qv w po +py					.29	Q	3	75																										
	Qv vbanded					.63	Q	2	35																										
											60.0																								
	Qv w po +py					.63	Q	9	70																										
	Qv w po +py					.69	Q	12	60																		60.35								
											61.0																								
																													99%						
											62.0																61.87								
	Qv w po					.55	Q	4	40																				101%						
											63.0																								

DEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(UG)88-119 | SHEET No. 9 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / a.v.s. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Qv w/ po + py		.42 Q 4 70					63.40									
	Qv w/ po + py		.52 Q 4 50														
	Qv w/ po + py + sp		.96 Q 5 70	64.0													
	Qv w/ po		.12 Q 3 70						101%	44675							
				65.0				64.92									
	Qv w/ po		.90 Q 2 70	66.0					101%								
	Qv w/ diss. po		.00 Q 2 25														
	Qv w/ + spo		.29 Q 5 30														
	Qv, bxr. sem		.41 Q 4 70					66.45									
	Qv w/ po		.62 Q 4 35														
	Qv w/ po + py		.66 Q 3 65	67.0													
	Qv w/ po		.06 Q 3 25														
	Qv w/ po + py		.21 Q 10 60						90%	44678							
				68.0				67.97									
	Qv w/ po		.26 Q 4 80														
	Qv, bxr. sem		.60 Q 3 35						99%	44679							
				69.0													
	69.55–69.64 Porphyritic Diorite Dyke (irregular contacts)																
	Qv w/ po + py, irreg.		.22 Q 5 35					69.49		44680							
	Qv w/ po + py		.96 Q 9 85	70.0													
	Qv w/ po		.04 Q 4 75														
	Qv w/ po + py		.10 Q 10 80						99%	44681							
	Qv w/ po		.52 Q 2 50														
				71.0				71.02									

DEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN(06)88-119

HOLE No. _____ SHEET No. 10 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Metres	o.v.c. Size V.G.mm.	% Hornblende	Biotite	Musc./Sericite	% Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Metres Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Qv w po +py, irreg & discont					.10	Q																			71.02									
	Qv w po +py					.37	Q	8	35	S																									
	Qv w po					.56	Q	3	30																										
	Qv w po					.95	Q	6	50		72.0																99%	44682								
																												72.54								
	Qv w po +py					.80	Q	5	50		73.0																								
	Qv w po +py					.46	Q	4	70																		101%	44684								
	73.10 – 82.42 (gradational change from above to Fine to med. grained and slightly more biotitic					.86	Q	4	30		74.0			Qv w po 15 10 20																					
																											74.07								
	Qv w po					.67	Q	5	40		75.0																102%	44685								
	Qv w po +py					.47	Q	2	50																										
																											75.59								
	Qv w po					.41	Q	2	30		76.0																	44686								
	Qv w po					.63	Q	3	40																		99%								
	Qv w po					.76	Q	6	20		77.0																	44687								
																											77.11								
	Q(rh) v w po +py					.61	Q	4	30		78.0																	44688								
	Po fracture fill w *v/v					.18	Q	2	35			1/2 .01															101%								
	Qv w tr of po +*v/v					.32	Q	20	30			1																44689								
											79.0																	78.64								

DEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(UG)88-119 | SHEET No. 14 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: e.v.s.	Graphic-veins: Size V.G.mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Fine to med gr. QD continued Start of xenolithic zone, occassional hornfels xenos																											101%	44690							
	Qv ≈ po + py Qv ≈ po + py					.16 .23	Q Q	7 3	80 55																		80.16		44691							
	Qv ≈ po + py					.18	Q	6	70																			100%	44692							
															10 to 15												81.69		44693							
	QC v, diss ↑c					.18	QC	2	20																				44694							
	Qv ≈ po + py					.27	Q	3	50																				44695							
	Qv ≈ po + VG Qv ≈ po + py Qv ≈ diss po, vuggy Qv ≈ ↑c po + py Qv ≈ po + py Qv ≈ po					.22 .61 .90 .14 .51 .60	Q Q Q Q Q Q	24 4 5 1 7 3	70 30 40 30 50 50																		85.04		44696							
	86.91 – 88.32 Hornfels xeno, massive, sphamitic, locally mottled	70																										101%	44697							

DEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN/UG88-119 | SHEET No. 12 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Metres / S.V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM / SAMPLE No. / TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	87.26 – 87.45 irregular Qtz veining ± dissem Po		Q 22							44698							
	Q v ± Po		91 Q 6 50	88.0								0.001	0.02				
	Qv ± Po		100 Q 11 45					88.08									
	88.32 – ± 91.00 m Breccia, QD matrix ± relatively abund hornfels xenos (~10% xenos)									44699							
	89.00 – 89.70, QD looks cooked up, siliceous, weakly bleached and faded QD texture, irreg Qtz-chl vning ± weak Po mineralization			89.0								0.006	0.19				
				90.0					100%	44700							
												0.002	0.06				
										44701							
				91.0								0.001	0.01				
	91.00 – Fine grained, equigranular QD ± <1% Qtz veining, slightly more biotitic		40 Q 7 75		Q (chl) v ± Po			91.14		44702							
				92.0								0.01	0.02				
	Q (chl) v ± Po + Py		13 Q 1 20						101%	44703							
				93.0													
										44704							
				94.0								0.001	0.05				
	Qv ± Po + Py		17 Q 5 40					94.18									
	Q (chl) fracture fill ± Po		58 Q 1 5							44705							
				95.0								0.057	1.71				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(UG)88-119 SHEET No. 13 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Veins Metres	Veins Type	Veins Thickness mm	Veins Angle	Graphic-veins Metres
	Qv w̄ po, discontinuous	.16	Q	4		
						96.0
						97.0
	Qv w̄	.64	Q	4	85	
						98.0
						99.0
	Qv w̄ po +py	.26	Q	2	80	
	Qv w̄ po +py	.47	Q	3	80	
						100.0
	100.20 Hornfels xeno, cm-scale					
	QC(chl)v; barren	.76	QC	4	20	
						101.0
	Qv; barren	.18	Q	3	30	
						102.0
	Qv w̄ po +py	.38	Q	19	70	
	Qv w̄ po +py	.51	Q	8	45	
	Qv w̄ po +py	.62	Q	6	30	
						103.0

Metres Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	100%	44705		0.018	0.60				
		44707		0.004	0.12				
97.23	100	44708		0.002	0.06				
		44709		[illegible]	[illegible]				
		44710		[illegible]	[illegible]				
100.28	100	44711			0.01				
		44712		[illegible]	[illegible]				
		44713		[illegible]	[illegible]				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JW (UG.) 88-119 SHEET No. 14 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.
	QUARTZ DIORITE – CONT'D
	E.gr'd phase – cont'd. Poss. increase in Bi relative to Hbld but mafics vague due to Chl(Ser) alt'n, CI 40–45, Po(Py) diss'd 3–4%.
	@107.48: 1mm flesh colored envelope on Qtz-Py vnt. Poss. 2° kspar.
	Contact sharp // banding → (Contacts 40, Bedding 40)
110.75 – 115.52	HORNFELS – see descrip. next page.

Veins

Metres	Type	Thickness mm	Angle
.29	Q	7	45
.33	C	1	60
.90	Q	2	35
.19	Q	4	70
.72	Q	3	70
.48	Q	5	65
.24	Q	5	45
.28	QC	4	30
.65	Q	8	45
.96	Q	3	70

Meters (graphic scale): 103, 104, 105, 106, 107, 108, 109, 110, 111

% minerals (at 103)

Hornblende	Biotite	Musc./Seric.	Chlorite	Pyrrhotite	Pyrite
25	15	10-	20	2-	1+
			30	3	

Carbonate column: Hn/P

Meters Blocks	EST. Core Rec.
103.33	
106.38	100
109.42	100
	100

ASSAY

FROM / SAMPLE No. / TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
103.0 / 44714 / 104.0	1.0	0.001	0.01				
44715 / 105.0	1.0	0.003	0.11				
44716 / 106.0	1.0	0.001	0.02				
44717 / 107.0	1.0	0.001	0.01				
44718 / 108	1.0	[illegible]	[illegible]				
44719 / 109	1.0	[illegible]	[illegible]				
44720 / 110	1.6	[illegible]	[illegible]				
44721 / 111	1.0	0.001	0.02				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE — HOLE No. 88-19 — SHEET No. 15 OF 27

JN (UG)

METERS FROM – TO | **Rock Type and Textures – Colour, Alteration.**

HORNFELS – CONT'D (XENO)

Hard, siliceous, banded hornfels w/ lt. to dk. grey pelitic layers & cream to pale green calc-silicate layers. Po bands & streaks // fol'n, locally >5%.

Xenolith contains QD dikes from 111.0 – 111.3 and 112.45 – 112.80.

@ 115.52 – 115.80 : .25m wide bull qtz – (Po-Chl) vn. Upper contact @ 35° CA, lower @ 70° CA.

115.52 – QUARTZ DIORITE.

'Typical' cse grained Hbld (Bi) phase w/ CI ~ 40-50, locally slightly lighter grey cast → perv. Ser. 10-15%.

Angles / Veins

Meters	Contacts	Bedding	Cleav./Foliat.	Veins: Metres	Type	Thickness mm	Angle
111				.80	PQ	3	40
112				.51	Q	2	60
112				.58	Q	1	60
115		40					
115.52	35						
116				.23	Q	3	45
116				.82	QC	30	75
117				.20	PQ	1	45

% minerals (from 115.52): Hornblende 10; Biotite 10+; Musc./Seric. 5-10; Chlorite 20 / 30; Pyrrhotite 2- / 3; Pyrite 1+

Hornfels (111 – 115.52): Pyrrhotite 2- / 4, Pyrite 1; vertical notes: "MK – MOD MORPHIC", "MINOR", "MK – MOD (AFTER BI)", "MINOR", "LOCALLY >5"

Quartz diorite: vertical notes: "LOCALLY", "LOCALLY 4+ (w/ Bt, Ser)"

Meters Blocks / EST. Core Rec.: 100 (to 112.47); 99.3 (112.47 – 115.52); 100 (115.52 – 118.52); 98.1 (118.52 –)

ASSAY

FROM – SAMPLE No. – TO	Sample Length	Au oz/t	Au 1 g/tonne	Au 2	Au 3	Ag
111 – 44722 – 112	1.0	0.001	0.02			
112 – 44723 – 113	1.0	[illegible]	[illegible]			
113 – 44724 – 114	1.0	[illegible]	[illegible]			
114 – 44725 – 115	1.0	0.029?	1.00?			
115 – 44726 – 116	1.0	[illegible]	[illegible]			
116 – 44727 – 117	1.0	[illegible]	[illegible]			
117 – 44728 – 118	1.0	0.001	[illegible]			
118 – 44729 – 119	1.0	0.001	[illegible]			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN (UG) 88-119 SHEET No. 16 OF 23

METERS FROM – TO | **Rock Type and Textures – Colour, Alteration.**

QUARTZ DIORITE – CONT'D

Typical cse-grained Hbld (Bi) phase continues.

119-120 : Carbonate veining predom. Increase in Py relative Po in vns.

@ 122.28 : 2 cm dykelet @ 30° CA // to flow banding w/in intrusive. Dykelet is light grey, sat'd, weakly porphyritic in fspar.

125-127 : 2c sericite w/in & enveloping Qtz & Qtz-carb vts.

Veins

Metres	Type	Thickness mm	Angle
.11	QC	3	35
.20	CQ	4	40
.30	CQ	3	40
.55	CQ	1	40
.65	CQ	2	35
.00	Q	4	45
.55	Q	10	50
.81	Q	10	70
.93	Q	10	30
.13	Q	4	30
.26	Q	2	50
.46	Q	3	70
.05	Q	3	35
.20	QC	8	30
.40	Q	6	40

Metres scale: 119, 120, 121, 122, 123, 124, 125, 126, 127

% — Hornblende 10, Biotite 10, Musc./Seric. 5- / 10, Chlorite 20 / 30; Carbonate: MINOR; Pyrrhotite 2- / 3, LOCALLY 4+; Pyrite 1+

Metres Blocks: 121.61, 124.66, 126.19

EST. Core Rec.: 98.1, 99.7, 99.4, 99.7

ASSAY

FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
119							
44730 / 120	1.0	0.001	0.01				
44731 / 121	1.0	0.001	0.01				
44732 / 122	1.0	0.001	0.02				
44733 / 123	1.0	0.001	0.01				
44734 / 124	1.0	0.011	0.35				
44735 / 125	1.0	0.001	0.01				
44736 / 126	1.0	0.001	0.01				
44737 / 127	1.0	0.001	0.02				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

Jn(n6)

HOLE No. 88-119 SHEET No. 17 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Metres	Ø V.G. / Size V.G. mm	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Carbonate	% Pyrrhotite	% Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM / SAMPLE No. / TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE – CONT'D.							127		40	10	5-	20-		2-	1+			127							
												10	30		3											
	'Typical' cse - grained																									
	Hbld (Bi) phase continues.																		44738	1.0						
								128											128		0.001	0.02				
	@ 127.2: 15 mm felsite dykelet @													Minor												
	30° CA.																									
																		99.7	44739	1.0						
		30						129											129		0.005	0.17				
128.9–	FELDSPAR PORPHYRITIC DIKE.			.14	QC	2	45			40	<5	<5	25				129.23									
130.6	Dk greyish-grn w/ 20% 1-3 mm																									
	anhedral fspar phenos, 40%																		44740	1.0						
	Sub-euhedral Hbld., showing vague			.88	Q	15	70																			
	alignment ~ // to contacts							130											130		0.006	0.20				
	@ 30° CA. Good 15 mm chill margin																									
	on upper contact.			.55	Q	3	40																			
		30																	44741	1.0						
130.6–	QUARTZ DIORITE									40	10	5-	20-													
132.6								131				10	30						131		[illegible]	[illegible]				
	'Typical' cse-grained Hbld (Bi)			.04	Q	2	45											100								
	QD phase.			.28	QC	14	70																			
				.57	Q	3	45												44742	1.0						
	@ 131.86: 1cm Ser. alt'n envel. on			.86	C	5	40																			
	carb. vnlt.							132											132		[illegible]	[illegible]				
																	132.27									
132.6	HORNFELS.														4-	1+			44743	1.0						
–133.2	Thinly banded, dk (biotitic)		70					133							5				133		[illegible]	[illegible]				
	and lt. grey coloured. Discont.			1.00	QC	50	40		16 / .1		Mod		Mod													
133.2–	bands and laminae of Po //			1.22	C	10	60				30-	5-	20-		2-	1+										
143.75	fol'n.			.39	P	5	60				40	10	30		3											
				.93	QP	2	45												44744	1.0						
	VOLCANIC FLOW							134		Locally 5-10				Wk-Mod				98.7	134		[illegible]	[illegible]				
	This unit characterized by dioritic			.10	C	2	20	x2																		
	appearance and composition, generally			.63	Q	10	60																			
	fol'd, but locally loss of fabric due																		44745	1.0						
	to several factors including re-																									
	crystallization, pervasive chl-ser-							135											135		[illegible]	[illegible]				

BEMA GOLD CORPORATION

N.T.S. MAP GRID: 92 H 5 | DEPTH | DIP | AZ. | LENGTH :

LOCATION : | | | | ELEVATION : | PROPERTY : HARRISON LAKE

DATE COLLARED : | | | | NORTHING : | CORE SIZE :

DATE COMPLETED : | | | | EASTING : | SCALE OF LOG :

HOLE No. : JM(46) 88-119

SHEET No. 19 of 23

LOGGED BY :

DATE :

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Metres	% V.G.	Size V.G. mm.	% Hornblende	Biotite	Musc./Serit.	% Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	VOLCANIC FLOW – CONT'D					.10	Q	8	45		135			30	5	20									2	1			135							
						.15	Q	2	70					40	10	3									3	–	135.35										
	(clay) alt'n, and locally "hybridization" – small scale invasion of quartz clastic material.																											44796	1.0	0.004	0.14				
	– Bi is main 'primary' mafic mineral → variably Chl-Ser alt'd.					.00	C	10?	40		136																	136							
						.15	Q	8	70																			44747	1.0	0.024	0.82				
											137																	137							
						.75	Q	5	15																			99.3							
						.83	QP	7	75		138																			44748	1.0	0.001	0.03				
																														138							
						.80	Q	20	40																			138.39							
											139																			44749	1.0	0.013	0.44				
						.47	QP	5	50																												
						.54	Q	10	50																					44750	1.0	0.001	0.02				
											140																			140							
						.60	Q	3	45																			100							
																														44751	1.0	0.001	0.01				
											141																			141							
						.35	Q	10	30																			141.43							
						.43	Q	15	50			2	4.1																	44752	1.0						
						.46	Q	3	45		x2																										
						.70	Q	7	55		142																		96.1		142		0.029	1.01				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN(UG)

HOLE No. 88-19 SHEET No. 19 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle
	VOLCANIC FLOW – CONT'D						
	– Similar to above. Variably alt'd and loc. hybridized.						
	143.3 – 143.6 : Hybr'id zone, abundant Silica and sulphides Po (Cpy).			.20	Ql	10	65
				.60	Q	30	70
143.75 – 149.20	HORNFELS						
	Typical banded hornfels, H.and dk. grey bands predom. Numerous Gt rich bands present. Banding @ 50-70° CA.		50-70	.03	Q	7	70
				.60	Q	3	50
	145.9 – 146.2 : QD dyke – Contacts irregular. Wk-mod Sericitized. Med. gr'd.			.28	Q	4	60
				.35	Q	5	60
	146.55 – 146.70 : QD dyke w/ upper & lower contacts @ 80 and 55°. Mod. grained. wk-mod Chl(Ser) alt'n.						
	147.04 – 147.14 : QD dyke w/ upper & lower contacts @ ~60° CA. As per QD dyke imm. above.						
	Also numerous other QD dykelets, irreg., in interval 145-147.						
	Contact sharp @ 80° CA, // bdding in Hf.	80		.20	Q	6	80
149.20 –	VOLCANIC FLOW (OR SILL)						
	Similar to interval from 133.2 – 143.75, except remnant fol'n obs'd more frequently, no definite			.93	Q	1	80

Mineral % columns (142–150): Hornblende, Biotite, Musc./Seric., Garnet, Clay, Carbonate, Pyrrhotite: AS ABOVE (to 143.75); Pyrite: 1– (142–143.75), 2–3 (from 144).

Hornfels interval: Hornblende: THERMAL; Biotite: WK – ABSENT; Musc./Seric.: APPEA BI; Chlorite: MINOR IN C/S LAYERS; Garnet: BOTH RED MOTTLED & WHITE GT BANDS / LAYERS; Carbonate: MINOR IN HAIRS.

Metres Blocks	EST. Core Rec.	FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
142.95	96.1	142 / 44753 / 143	1.0	0.001	0.02				
		143 / 44754 / 144	1.0	0.001	0.01				
	100	144 / 44755 / 145	1.0	[illegible]	[illegible]				
146.0		145 / 44756 / 146	1.0	[illegible]	[illegible]				
		146 / 44757 / 147	1.0	[illegible]	[illegible]				
	100	147 / 44758 / 148	1.0	[illegible]	[illegible]				
149.05		148 / 44759 / 149	1.0	[illegible]	[illegible]				
	100	149 / 44760 / 150	1.0	0.002	[illegible]				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN (85) 88-119 SHEET No. 20 OF 23

Rock Type and Textures – Colour, Alteration.

VOLCANIC FLOW (OR SILL) - CONT'D.

hybrid sections noted. Locally clay ? (saussurite ?) alt'n of fspars → accenting them white. Several Qtz – Carb – Gt – (Chl – Bi) vns (also w/ Hb.) present in interval, often to several cm wide. Also decrease in ser alt'n.

@ 151.0 : Irreg. patches of Bi (Hbld) ?? in fol'd diorite = hybrid.

Metres	Angles: Bedding	Veins: Metres	Type	Thickness mm	Angle	Hornblende %	Biotite %	Musc./Seric. %	Pyrrhotite %	Pyrite %
150						30-	5-	20-	1-	1
						40	10	30	2	
151		.95	Q	4	20					
153		.20	Q	3	20					
155–156	65	.80	Q	2	40					

Annotations (vertical, 152–155): Red Gt in vns – common; Minor Abbr. fspars; Minor (Abundy CCTS); Pyrrhotite: Locally 3+

Metres Blocks	EST. Core Rec.	From – Sample No. – To	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
	100	150 – 44761 – 151	1.0	[illegible]	[illegible]			
152.10	100	151 – 44762 – 152	1.0	[illegible]	[illegible]			
	100	152 – 44763 – 153	1.0	[illegible]	0.03			
	100	153 – 44764 – 154	1.0	[illegible]	[illegible]			
155.14	100	154 – 44765 – 155	1.0	[illegible]	[illegible]			
	99.7	155 – 44766 – 156	1.0					
	99.7	156 – 44767 – 157	1.0	[illegible]	[illegible]			
	99.7	157 – 44768 – 158	1.0	0.004	0.15			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. 88-119 (JN/261) SHEET No. 21 OF 23

Meters / Rock Type and Textures – Colour, Alteration

METERS FROM – TO	Rock Type and Textures – Colour, Alteration	Angles: Contacts
	YOLCANIC FLOW (OR SILL) – CONT'D	
158.4– 176.48	HORNFELS	45°
	Grad'l contact from flow into hornfels (units interbanded) @ 45° CA. Mainly dk. grey to blk. in colour, biotitic → lighter greyish grn calc-silicate. massive to well-banded, Red St. w/ sed. as vlts and irreg. lenses.	
	161.48 – 161.90: Med. gr'd Hbld (Bi) QD dyke w/ Hbld → lathlike phenos. Contacts // fol'n @ ~ 80.	80
	165.2 – 166: Bull Qtz – Carb – Gt – Chl – Po – (Cpy – Py) vein @ 60° CA (~ // fol'n). No v.g. noted.	

Veins

Metres	Type	Thickness mm	Angle
.08	Q	12	70
.08	Q	7	35
.25	Q	10	60
.75	Q	1	50

Graphic-veins (Metres)

158, 159, 160, 161, 162, 163, 164, 165, 166

% Minerals

- DETAILS AS ABOVE TO 158.4
- Pyrrhotite: 2–3; Pyrite: Tr
- Hornblende/Biotite: MOD.-STR. THERMAL
- Musc./Seric.: MINOR
- Chlorite: WK.-MOD. AFTER BI
- Epidote: PINODS IN C/S LAYERS
- Garnet: WK-MOD IN VNS + C/S LAYERS
- Carbonate: CA MOD (VNS & VLTS)

Meters Blocks / Est. Core Rec.

Meters Blocks	EST. Core Rec.
158.19	
161.24	100
164.29	100
	100

ASSAY

FROM / SAMPLE No. / TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
158 / 44769 / 159	1.0	[illegible]	[illegible]				
159 / 44770 / 160	1.0	[illegible]	[illegible]				
160 / 44771 / 161	1.0	[illegible]	[illegible]				
161 / 44772 / 162	1.0	[illegible]	[illegible]				
162 / 44773 / 163	1.0	[illegible]	[illegible]				
163 / 44774 / 164	1.0	[illegible]	[illegible]				
164 / 44775 / 165	1.0	[illegible]	[illegible]				
165 / 44776 / 166	1.0		[illegible]				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. 88-19 (JN (?)) SHEET No. 22 OF 23

Rock Type and Textures – Colour, Alteration.

HORNFELS – CONT'D.

– as before, w/ some 'spotted' Gt. layers present.

167.40 – 167.55 : 14 cm Qtz – Carb – Gt Chl vn @ 50° CA.

@ 167.75 : 2 × 5 cm bull Qtz – Cal 'sweat' veins "..." @ 70° CA.

167.96 – 168.07 : 4 cm irreg ?D dyke-let, Chl (Ser) alt'd.

@ 169.57 : 3-4 cm f.gr'd ?D dykelet @ 40° CA.

@ 170.36 : 15 mm carb. vlt. w/ Aspy, Po, minor Py

DETAILS FOR HORNFELS AS ABOVE.

Metres	Cleav./Foliat.	Veins: Metres	Type	Thickness mm	Angle
167.75	70				
170		.36	C	15	65
170		.47	Q	10	80
171		.95	Q	2	90
173		.13	Q	5	80

Meters Blocks	EST. Core Rec.	FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	100	166 – 44777 – 167	1.0	0.001	0.02				
167.34		44778 – 168	1.0	[illegible]	[illegible]				
	100	44779 – 169	1.0						
		44780 – 170	1.0						
170.38		44781 – 171	1.0		[illegible]				
		44782 – 172	1.0						
	100	44783 – 173	1.0	[illegible]	[illegible]				
173.43	100	44784 – 174	1.0	0.001	0.02				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 PROPERTY HARRISON LAKE HOLE No. JN(06) 88-119 SHEET No. 23 OF 23

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Meters	% V.G.	Size V.G. mm.	% Hornblende	Biotite	Musc./Sericite	% Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.
	HORNFELS – CONT'D.										174																	
	As above.					50	D	2	40																			
											175																	
																												100
											176																	
176.48																											176.48	
	END OF HOLE @ 176.48 METRES.																											

ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au g/tonne	Au 2	Au 3		Ag
174.0							
14785	1.0						
175.0		0.001	0.03				
14786	1.48	0.001	0.0				
176.48							
		E	O	H			
		176	48				

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ADDITIONAL TESTS.

DEPTH	DIP	AZ.
251.5	-74	270.5

N.T.S. MAP GRID: 92 H 5
LOCATION: JENNER- SLASH #4
DATE COLLARED: DEC. 2/88
DATE COMPLETED: DEC. 7/88

DEPTH	DIP	AZ.
0	-75	270°
61.0	-75	273.5
121.9	-75	269.5
182.9	-74	272.1

LENGTH : 256.04 metres
ELEVATION : 187.9
NORTHING : 9484.9
EASTING : 11309.7

PROPERTY : HARRISON LAKE
CORE SIZE : NQ II.
SCALE OF LOG : 1:50

HOLE No. : JN(HS) 88 - 120
SHEET No. 1 of 32
LOGGED BY : BKB / JF / DR
DATE : DEC. 7/88.

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles (Contacts / Bedding / Cleav./Foliat. / Faults)	Veins (Metres / Type / Thickness mm / Angle)	Graphic-veins Meters	% (Hornblende / Biotite / Musc./Seric.)	% (Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate)	% (Chalcopyrite / Arsenopy. / Pyrrhotite / Pyrite)	Meters Blocks	EST. Core Rec.	FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
0.0– 0.61	CASING			0.0													
0.61– 5.80	HORNFELS			1.0	Hornblende: MOD. THERMAL; Biotite: WK – ABSENT; Musc./Seric.: WK AFTER BI	Chlorite: MINOR; Garnet: STR. INCL. REL. OF HCB; Carbonate: MINOR (VEINS)	Pyrrhotite: LOCALLY GT AREA FEW dm's, ON 2-3; Pyrite: 1±	0.61									
	'Typical' banded hornfels w/ predom. rock types including Bi-rich (dk-grey to blk) layers, 'spotted' Gt. rich layers, & med. to dk. grey siliceous calc-silicate layers w/ occ. red Gt. and minor Epidote.		.53 Q 2 70	2					117%	44787	1.39	0.003	0.10				
	@ 1.53 : 2mm Qtz-Po vlt. w/ poss. Bo of Gr.			3				2.74		44788	2	0.008	0.28				
	@ 3.90 : Vuggy Qtz-Carb. vlt. w/ Po+		.90 QC 5 15	4					101%								
			.00 Q 3 40					4.26									
				5						44789	2	0.012	0.42				
	Contact sharp @ 15°	15	.70 Q 2 60					5.79	105%								
5.8– 6.4	QUARTZ DIORITE (DYKE)			6			Pyrrhotite: 1–; Pyrite: 1–										
	Med. greyish-grn in colour, med. grained, 10-15% 1-2mm Hbl laths, CI ~ 30 to 40% w/ most of remainder of mafics chloritized, 1-2% diss. Po.				Hornblende: 20 / 25; Biotite: 10-25 / 15; Musc./Seric.: 20±		Pyrrhotite: 2										
6.4–	HORNFELS As above.			7	PARTICULARS FOR HF AS ABOVE.				101%	44790	2	0.001	0.02				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(U61) 88-120 SHEET No. 2 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Metres	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Garnet	% Carbonate	% Pyrrhotite	% Pyrite	Metres Blocks	EST. Core Rec.	FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	HORNFELS – CONT'D					7							2–3	1I	7.32		44790							
	Details as per hornfels interval from 0.61 to 5.80.																							
	Occasional few mm AB dykelets x-cutting hornfels.					8										102%								
						9	MOD THERMAL	WK – ABSENT	WK-MOD LOCALLY AFTER BI	WK LOCALLY IN C/S LAYERS	STRONG 'SPOTTED' HF.	WK – LOC. MOD AS VNTS.			8.84		44791	2	0.001	0.01				
		.68	Q	2	40	10										98%								
															10.36									
						11											44792	2	0.002	0.08				
		.14	QC	12	40	12									11.89	103%								
						13										102%	44793	2	0.001	0.01				
						14									13.41									
	@ 14.40: 2 x 10 mm vuggy Cal. vlts @ 40 CA.															100%								
						15									14.94		44794	2	0.001	0.05				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN (46)

HOLE No. 88-120 SHEET No. 3 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / O.V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	Est. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	HORNFELS – CONT'D Similar to hornfels above			15					103%	44794							
	Rare BD dykelet, few mm, x-cutting hornfels			16		HORNFELS NOTED AS PER PREVIOUS MEAS.		16.46		44795	2	0.005	0.18				
	17.1 – 21.3: Zone of bull Qtz – Chl-Gt. – (Po – Py). Some of the darker minerals (non-magnetic / relatively hard, poss. amphibole? Individual veins ¼ to .1m wide, CA's 45–60			17					103%								
				18				17.98		44796	2	0.001	0.04				
				19					101%								
				20				19.51		44797	2	0.001	0.05				
				21					103%								
	21.8 – 22.3: Zone of vuggy Carb-Chl-Py VNS, few mm wide, cuts hornfels @ 35–40° CA. Poss. minor shearing.		35–40	22				21.03									
				23					99%	44798	2	0.001	0.01				
								22.56									

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. Jv(u6) 88-120 SHEET No. 4 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles (Contacts / Bedding)	Meters	Pyrrhotite %	Pyrite %	Meters Blocks	EST. Core Rec.	FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
	HORNFELS – CONT'D.		23	2-	1±			44798						
	Similar to hornfels above.			3			93%							
	HORNFELS DETAILS AS PER PREVIOUS PAGES.													
	Occasional QD dykelet a few mm to a few cm wide. Also a few short sections of hybridized hornfels.		24			24.08								
	Past 25.0, increase in Po to locally 5% +, esp. noticeable as very fine laminae // banding in HF.	60	25	4- / 5	1+		95%	44799	2	0.001	0.01			
						25.60								
	26.20 – 26.58: QD dyke w/ upper and lower contacts @ 60° CA. (parallel to banding in hornfels) Dyke is variably textured from reg. QD to a feldspar – (Hbld) porphyritic variety – latter appears to x-cut former.	60 / 60 / 60	26 / 27				99%							
						27.13		44800	2	0.001	0.05			
	@ 23.20: 45 mm vuggy calcite vein w/ euhedral (xl) growth up to 1-2 cm across. Includes brecciated hornfels clasts w/ pyrite.		28	locally 5+										
			29				103%	44801	2	0.001	0.01			
	@ 30.68: 0.2m bull Qtz-(Carb) – Chl – Po – (Gy) vein @ 50° CA.		30			30.48								
			31					44802	2	0.002	0.07			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 PROPERTY HARRISON LAKE HOLE No. BB-120 (UG) SHEET No. 5 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / B.V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Sericite	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	HORNFELS – CONT'D			31		HORNFELS DISTANT AS PER PREVIOUS PAGES.	4–5 1+			↓							
	"Spotted" Gt. layers less abundant Hornfels characterized by dk. biotitic layers w/ fine Po laminae.			32					101%								
	Note: 1.0 metre dropped between 31–33 so that bottom of page @ 40 m so as to mesh w/ JD's portion of log that starts @ top of page 6.			33				33.53		A1803	1	0.001	0.01				
				34						A1804	1	0.001	0.01				
	@ 35.40: 10 cm rusty carb vn w/ good (xl) faces.		.40 C 10 20	35					102%	A1805	1	0.001	0.01				
	36.20–36.82: 3× 1–2 cm cream-coloured carbonate-Bt2-Py-Asp ± Po vns @ 30–80° CA. No V.G. noted. Veins look somewhat dx'd, poss. oss's of minor shearing.		37.01 5 15	36				36.58		A1806	1	0.023	0.79				
				37						A1807	1	0.005	0.01				
				38					92%	A1808	1	0.001	0.01				
				39													
	39.40–39.75: Hornfels is hybridized		.95 90 6 70	40				39.62		A1809	1	0.011	0.36				

BEMA GOLD CORPORATION

JW(u6)

NTS. MAP GRID – 92 H 5 PROPERTY HARRISON LAKE HOLE No. 88-120 SHEET No. 6 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.S.	Graphic-veins: Size V.S. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 ppb/10mg	Au 2	Au 3		Ag
	HORNFELS – CONT'D.					.37	Q	3	45		40														4-5	1-									
						.54	PP	5	65																	2									
	39.95 – 40.35: QD dyke. Upper & lower contacts @ 70° & 40° CA. Hsfs.																HORNFELS RETAINS AS DEFORMATIONAL ANGLES +/-																			
	40.37 – 41.25: QD dyke. Upper & lower contacts @ 80°, // fol'n.		80			.04	Q	6	75		41																								
	41.75 – 42.65: Strongly hybridized banded hornfels.					.45	Q	10	60																				99%	44811		0.001	0.02				
											42																									
						.37	P	6	80																											
						.76	P	3	80																1-	1-	42.67			44812		0.044	1.36				
42.65 –	QUARTZ NORITE.					.93	P	5	70		43			30	5	15	20								2											
														40	10		30																			
	"Typical" cse grained Hbld (B:) QD.					.65	Q	10	80																											
	43.78 – 43.90: 3 x 2 to 3 cm fels:% dykelets @ 30–50° CA.										44																									
											45																	102%	44814		0.001	0.01				
						.10	Q	7	70			5	<1									MINOR														
						.50	Q	7	60			8	.2																45.72		44815		0.036	1.25				
											46																									
						.35	Q	3	60			7.1																									
						.95	Q	10	20																					44816		0.015	0.53				
											47																									
						.38	Q	2	60																				100%	44817		0.016	0.56				
						.60	Q	3	77																											
											48																									

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. 88-120 (U6) SHEET No. 7 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Metres	Graphic-veins: A.V.G. Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE-CONT'D												25	F	2	15								TR											
	HBLD-(BIOT) PHASE AS												TO	10	TR	15								1											
	BEFORE												30	10	4	20							TR	4											
						.40	Q	10	85																TR		48.77									
						.52	Q	15	52																											
						.91	Q	11	55	49													TR	5	1											
						.46	Q	42	87		2	1.2												3												
										50																										
						.12	Q	4	60															1	TR											
																											101%								
						.05	Q	8	85	51														-												
						.50	Q	20	90														TR	3	1											
										52																51.82									
						.76	Q	5	75	53																										
						.02	Q	4	92		1	1.8												4												
										54																	101%								
						.40	Q	3	15															5												
						.55	Q	10	75															1												
						.24	Q	6	70															1												
						.18	Q	4	65	55													TR	1			54.86									
						.00	Q	6	75														TR	TR												
						.30	Q	5	50																											
						.16	Q	12	55																											
						.50	Q	35	33	5													TR	5												
						.70	Q	25	65	56													TR	2				101%								

ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
41818		0.017	0.57				
41819		0.045	1.65				
41820		0.001	0.03				
41821		0.002	0.07				
41822		0.002	0.07				
41823		0.006	0.21				
41824		0.005	0.18				
41825		0.012	0.40				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. 88-120 (W-(U6)) | SHEET No. 8 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Metres / % V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE - CONT'D				25 to 30 / 5 to 10 / 2 to 4	15 to 20	TR to 1										
	HBLD-(Biot) PHASE AS BEFORE									44826		0.001	0.03				
			.95 Q 8 60	57			TR										
			.14 Q 5 65				TR 3		101%								
			.20 Q 5 40				-										
			.24 Q 6 55				TR 1			44827							
			.83 Q 5 85	58			- -	57.91				0.001	0.02				
			.36 Q 10 70				TR 2										
			.50 Q 10 80				TR 2										
			.90 Qc 6 55	59			- -			44828		0.006	0.22				
	@ 59.00 2 SMALL 2-3 cm XENOLITHS.																
			.64 Qc 7 20	60			TR 3		97%	44829		0.329	11.27				
			.55 Q 5 15	1 61			2			44830		0.023	0.78				
								60.96									
			.65 Q 42 65	62			2			44831		0.006	0.21				
									100%	44832		0.058	1.30				
			.80 Q 6 59	33 .1 63			TR 3										
			.50 Q 10 75				2			44833		0.086	2.91				
	@ 63.80 VEIN HAS TR COARSE SCHEELITE		.80 Q 5 80 S	20 .2 64			2	64.01									

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. 88-120 SHEET No. 9 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / A.V.G. / Size V.G. mm	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au g/t	Au 2	Au 3		Ag
	QUARTZ DIORITE (cont'd) HBLD-(BIOT) PHASE AS BEFORE.				25 5 2 15 TR TR TR 10 30 10 4 20		TR TR 1	64.01									
			.13 Q 5 50				2										
			.18 Q 5 70	1 .2			2										
			.32 Q 10 70				3		100%								
			.85 Q 4 60				2	67.06									
			.28 Q 30 85				TR 5										
			.03 Q 35 80				TR 5		99%								
			.15 Q 4 60				2	70.10									
			.90 Q 5 70				TR										
			.42 Q 6 60				TR 2		102%								

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. 88-120 | SHEET No. 10 OF 32

JN-(U6)

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / O.V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au g/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE (CONT'D) HBL-(BIOT) PHASE AS BEFORE		.25 Q 3 15		25 5 2 15		TR										
			.82 Q 10 70	73	4 .1		TR 2	73.15		44842		0.290	9.93				
			.44 Q 7 70	74			2 2			44843		0.056	1.92				
			.33 Q 30 55		1 .1		TR 5										
			.95 Q 5 35	75					98%	44844		0.036	1.22				
			.86 Q 4 45	76			TR 2			44845		0.001	0.01				
	@ 76.84 LEUCOCRATIC FELSIC DIKE 2.5 cm WIDE	35		77			TR 3 TR	76.20		44846		0.001	0.03				
			.57 Q 3 70				2			44847		0.239	8.21				
			.71 Q 15 75 S	78	4.2		3		100%								
			.70 Q 7 78		8.3		2 2			44848		0.477	16.34				
			.90 Q 20 43				TR 1										
			.96 Q 20 55	79	7.1		TR 2										
			.34 Q 5 50				1 3	79.25		44849		0.026	0.89				
				80													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. 88-120 (N-UG) SHEET No. 11 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: A.V.S.	Graphic-veins: Size V.S. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QTZ. DIORITE (CONT'D)					.07	Q	15	75	S		15	2	25	5	2	15						TR		3	TR									
	HBL-BIOT PHASE AS					.18	Q	8	67	S		7	.1	70	20	10	70						TR		3										
	BEFORE													30	10	4	20																		
											81																								
						.05	Q	5	35														TR		1	1		97%							
											82																			41851						
																											82.30								
											83																			41852						
						.50	Q	10	80														TR		2	2									
											84																		103%							
																														41853						
											85																								
																											85.34								
						.81	Q	4	50		86														3					41854						
						.41	Q	5	80														TR		3										
						.43	Q	5	70																2										
											87																		101%							
						.19	Q	9	75														1		3					41855						
						.96	Q	22	80	S	88												TR		4										

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN-06 88-120 | SHEET No. 12 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleavage/Foliation	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: o.v.s.	Graphic-veins: Size V.S.mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gms/tonne	Au 2	Au 3		Ag
	QTZ-DIORITE (CONT'D)					05	Q	7	70					25	5	2	15							—											
	HBL-BIOT PHASE MS													70	25	5	5											88.39								
	EFFUSIVE													30	10	4	20													HH358		0.008	0.27				
										89																										
						.78	Q	2	70																2					HH359		0.020	0.70				
										90																										
						.52	Q	20	60	5		4											TR		5											
						.80	Q	5	60														TR		4											
						.84	Q	5	55	91															2	2				98%	HH360		0.113	3.88				
																												91.44								
										92																				HH361		0.003	0.09				
						.17	Q	2	24																TR											
						.27	Q	3	20																TR											
	@ 92.50 TO 92.68	40				.60	Q	20	30														—	—	—					44862		0.001	0.01				
	LIGHT TO MED GREY FELDS.									93																										
	PORPH. DYKE.																												99%							
						.10	Q	2	30														-							44863		0.001	0.01				
	@ 93.65 TO 93.76	70																																		
	MED GREY FELDS. PORPH.									94																										
	DYKE.																																			
																												94.99								
																														44864		0.010	0.35				
						.84	Q	80	80	95													TR		20											
						.00	Q	25	40																TR											
																													97%	44865		0.002	0.06				
										96																										

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. VN-06 89-120 | SHEET No. 13 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: B.V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QTZ. DIORITE (CONT'D)													25	5	2	15																			
	HBL–BIOT PHASE AS BEFORE					.32	Q	20	55					10	50	70	10						TR		5												
						.12	Q	5	60					30	10	4	20								2												
						.69	Q	5	45																TR												
											97																										
						.03	Q	5	50															–	–												
						.18	Q	2	25															–	–	–	–	97.54									
											98																										
						.44	Q	2	55															–	–	–	–										
						.65	Q	4	75																	TR											
											99																										
						.33	Q	5	65																	TR	TR										
						.57	Q	6	80															TR		3	TR	103%									
						.70	Q	5	65		100													–		–	–										
						.22	Q	3	70															1		30	–										
						.27	Q	12	53			1	1													TR		100.58									
											101																										
						.38	Q	3	55															TR	TR												
						.87	Q	5	20																	1											
											102																										
						.16	Q	13	75	S														TR		10	2	99%									
											103																										
						.15	Q	4	25																	2											
						.38	Q	1	20																	–											
						.58	Q	2	40															TR		3		163.63									
						.15	Q	1	20															–	–	–											
											104																										

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. N-06 88-120 | SHEET No. 14 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Metres	Graphic-veins: A.V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE (CONT'D)					23	Q	2	80					25	5	2	15						–	–	–	–									
	HBL - BIOT PHASE					80	Q	6	35	5				9	.1	TO	TO						–		4	TR									
	AS BEFORE.					55	Q	3	35					30	10	4	20								1				41873						
						72	Q	4	60																1										
						84	Q	5	60		105	1	.2										TR		4										
						17	Q	5	90																TR										
						30	Q	5	65																TR										
						72	Q	10	45		106												TR		2	TR		98%							
						30	Q	5	85																2				106.68						
											107																								
											108																								
											109																								
						37	Q	3	65														TR		3			109.73							
						26	Q	12	85		110	8	.2										–		3										
											111																		101%	41880		0.032	1.11			
											112																			41881		0.015	0.53			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

VN-U6

HOLE No. BL-120 SHEET No. 15 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Veins Metres	Type	Thickness mm	Angle	Generation	Meters	# V.G.	Size V.G. mm	Hornblende %	Biotite %	Musc./Seric. %	Chlorite %	Chalcopyrite %	Arsenopyrite %	Pyrrhotite %	Pyrite %	Meters Blocks	EST. Core Rec.
	QUARTZ DIORITE (CONT'D)	.22	Q	12	80					25	5	2	15	TR		4			
	HBL-BIOT PHASE	.50	Q	25	30					70	5	70	70	TR		10			
	AS BEFORE	.71	Q	10	75	S		8	.1	20	10	4	20	TR		3			
							113											112.78	
							114												
							115												105%
		.17	Q	5	65									TR		3			
							116											115.82	
							117												100%
		.00	Q	6	80	S	118	4	.1					TR		1			
		.52	Q	6	55											2	1		
		.60	Q	7	70									TR		3	TR		
		.94	Q	3	73											TR	2		
							119											118.87	
		.26	Q	11	80											1	1		
	QV W. V. LARGE 1mm V.G. → GRAIN	.68	Q	50	75	S		56	.2					TR		15	5		
							120												

ASSAY

FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
H4382		0.006	0.21			
H4383		0.112	3.85			
H4384		0.005	0.16			
H4385		0.004	[illegible]			
H4386		[illegible]	[illegible]			
H4387		[illegible]	[illegible]			
H4388		0.065	[illegible]			
H4389		0.589	14.15			

BEMA GOLD CORPORATION

VN - US

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. 88-120 SHEET No. 16 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Metres	♦V.G.	Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Chalcopyrite	% Pyrrhotite	% Pyrite
	QUARTZ DIORITE (CONT'D)								25	5	2	15			
	HBL-BIOT PHASE								70	TR	10	7			
	AS BEFORE								30	10	4	20			
		.90	Q	2	65	121							TR	5	2
		.07	Q	5	30								TR	3	1
		.61	Q	5	60									4	–
		.70	Q	7	55									3	
		.90	Q	7	60	122								2	
		.07	Q	7	65									1	
						123									
		.86	QC	15	80									TR	
						124									
						125									
						126									
	Qv w̄ po + cp + *VG	.28	Q	55	70		12	.10/.50							
	Qv w̄ po + py	.48	Q	8	60										
	Qv w̄ po + py	.63	Q	4	50										
	Qv w̄ po + py	.71	Q	5	60										
		.78	Q	4	70	127									
						128									

Metres Blocks	EST. Core Rec.
121.92	101%
124.97	99%
128.02	99%

ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
44890 / 121		0.001	0.02				
44891 / 122		0.011	0.39				
44892 / 123		0.001	0.01				
44893 / 124		0.001	0.01				
44894 / 125		0.012	0.41				
44895 / 126		0.001	0.03				
44896 / 127		0.589	20.20				
44897 / 128		0.017	0.59				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(06)88-120 SHEET No. 17 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / B.V.G. / Bias V.G.mm.	% Hornblende / Biotite / Musc./Serit.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM / TO / SAMPLE No.	Sample Length 1.0 m	Au oz/t	Au 1	Au 2	Au 3		Ag
				129						44898							
	Qv w po + *VG		.05 Q 8 80	17					85%								
				130				130.42		44899		0.052	2.96				
	Qv w po + trasp + *VG		.40 Q 13 85	3													
	Qv w dissem po		.60 Q 2 10														
	Qv w po + py		.66 Q 5 25														
	Qv w po + py		.81 Q 6 70 S	131						44900		0.01					
	Qv w po + py		.07 Q 5 35						144%								
	Qv w po + py		.49 Q 12 50														
				132						44901		0.005	0.16				
	Qv w po + py		.27 Q 10 70														
	Qv w po + py		.35 Q 6 70														
	Qv w po		.41 Q 4 65					132.59		44902		0.003	0.09				
				133													
	Qv w po + py		.20 Q 17 50							44903		0.047	1.61				
	Qv w po		.37 Q 3 85						100%								
				134						44904		0.012	0.07				
	Qc v, barren		.95 QC 4 20														
	Qv w po		.38 Q 2 70														
				135													
								135.64		44905		0.001	0.02				
				136													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. SN(UG) 88-120 SHEET No. 18 OF 32

Rock Type and Textures – Colour, Alteration.	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins Metres
136.50 - 137.00 gradational phase change to fine grained [illegible] [illegible] QD back to med grained QD					
Qv, barren	.06	Q	2	80	137
					138
					139
Qv w̄ po + py	.70	Q	3	40	140
Qv w̄ po + py	.53	Q	2	40	
Qv w̄ po + py	.55	Q	5	75	
Qv w̄ po + py	.76	Q	5	85	141
Qv w̄ po + py	.24	Q	5	80	
					142
Qc v w̄ po + py + asp	.38	QC	2	75	
					143
Qc v, barren	.10	QC	4	10	
Qv w̄ po + py	.56	Q	2	80	
QC v, barren	.83	QC	3	60	144

Metres Blocks	EST. Core Rec.
	99%
138.68	100%
141.73	100%

FROM SAMPLE No. TO	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
44906	[illegible]	[illegible]			
44907	0.006	0.19			
44908	0.003	0.10			
44909	0.001	0.01			
44910	0.006	0.19			
44911	0.002	0.07			
44912	0.001	0.05			
44913	0.003	0.09			

BEMA GOLD CORPORATION

JN(UG)88-120

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. ______ SHEET No. 19 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Veins Metres	Type	Thickness mm	Angle	Graphic-veins Metres	# V.G.	Size V.G. mm.
	Qv w po + py	.00	Q	12	60			
	Q(chl) v w po	.10	Q	2	85			
	Qc v, barren	.93	Qc	3	25	145		
	145.0 – occasional, rare mm-scale vein							
	Qv w po + py + VG	.42	Q	11	75		11	.01 / .05
	Qv w po + py	.53	Q	9	80			
						146		
	Qv w po + py	.18	Q	4	35			
						147		
	Qc v, barren	.23	Qc	2	40			
						148		
	Qv w po + tr py	.42	Q	36	50			
						149		
	Qv w po	.24	Q	2	25			
	Qv, barren	.30	Q	4	30			
	Qv w tr po	.80	Q	2	40	150		
						151		
	Qv w po	.49	Q	15	80			
	Qv, barren	.82	Q	4	30	152		

Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
144.78		44914		[illegible]	[illegible]				
	100%	44915		0.020	[illegible]				
146.61		44916		0.037	1.10				
	97%	44917		[illegible]	0.19				
		44918		[illegible]	[illegible]				
149.35		44919		[illegible]	0.08				
	97%	44920		0.001	0.01				
		44921		0.007	[illegible]				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | JN(UG) 88-120 | HOLE No. _____ | SHEET No. 20 OF 52

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.
																											152.40	
	Qv w po					153.31	Q	5	35																			98%
	Qv, barren					154.67	Q	4	30																			
	Qv, barren					154.95	Q	3	40																			
	Q(chl)v w po					155.24	Q	3	30																		155.45	
																												100%
	Q(chl) v w po ±py					157.19	Q	2	60																			
	Qv w po ±py ±cp					157.31	Q	5	80																			
	Qv w po					158.97	Q	12	50																			
	Qv, barren					159.49	Q	4	55																			
	Qv w po					163.63	Q	4	60																		158.50	
	159.00 – 163.70 gradational change to fine grained, biotite QD and back to med-coarse qz after 163.70																											96%

ASSAY: FROM / SAMPLE No. / TO	Sample Length	Au oz/t	Au 1	Au 2	Au 3		Ag
44922		0.003	0.10				
44923		0.008	0.00				
44924		0.002	0.07				
44925		0.005	0.17				
44926		0.006	0.21				
44927		0.001	0.01				
44928		0.039	1.35				
44929		0.001	0.05				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 PROPERTY HARRISON LAKE HOLE No. JN(06)88-120 SHEET No. 21 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Metres / a.v.g. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
										44930		0.005					
	Qv w po+py+cp		.19 Q 14 35	S													
	2Qvns v, boxwork		.80 Q 2 55														
	Q(ch) v, boxwork		.84 Q 8 55	161													
	Q(ch) v w po+py		.36 Q 27 80														
	Qv w po+py		.75 Q 8 60					161.54		44931		0.003					
				162													
										44932		0.001					
				163													
	Qv w po+py+cp		.04 Q 3 50						99%								
	Qv w po+py		.38 Q 5 60							44933							
	Qv w po+py+tr cp		.61 Q 4 85														
	Qv w po+py		.69 Q 4 50														
	Qv w po+py		.96 Q 5 60	164													
	Qv w po+py		.30 Q 2 60														
	Qv w po+py		.89 Q 3 80														
	Qv w po+py, irreg.		.67 Q 3 45														
	Qv w po		.81 Q 3 55					164.59		44934							
				165													
	Qv w po+py		.06 Q 2 75														
	Qv, boxwork		.09 Q 8 85							44935		0.001					
	Qv w po+py?		.45 Q 3 80														
	Qv w po		.48 Q 3 20														
				166													
	Qv w po+py		.17 Q 6 60						100%								
										44936		0.001	0.05				
	Qv w po		.76 Q 17 80	167													
								167.64		44937		0.001	0.05				
				168													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(00)88-120 | SHEET No. 22 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Metres / ♣ V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Metres Blocks	Est. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gms/tonne	Au 2	Au 3		Ag
	Qv w/ po+py		.73 Q 6 50							44938							
	Qv w/ po+py		.84 Q 10 85	140													
	Q(ch1) v w/ po+py		.18 Q 3 30														
									99%	44939		0.006	0.22				
				170													
	Qc v w/ po+py		.00 Qc 50 40 S							44940							
	Q(ch1) v w/ po+py, isseq.		.21 Q 6 40														
	Qv w/ po		.38 Q 8 80					170.69									
	Qv w/ po+py		.54 Q 12 50	171													
	Qv w/ po+py		.56 Q 17 30							44941							
	Qv w/ po+py		.78 Q 8 50														
	Qv w/ po+py+tr V6, discont		.89 Q 3 35	172	2	1-10						0.08	2.86				
	Qv w/ po+py+tr cp		.00 Q 17 30														
	Q(ch1) v w/ po		.58 Q 37 40						100%	44942							
				173								0.016	0.56				
	Qc(ch1) v w/ po		.23 Qc 8 35							44943							
								173.74				0.029	1.00				
	Qv w/ po		.93 Q 4 50	174													
	Qv w/ po + cp		.39 Q 6 50							44944							
	Qv w/ po+py		.94 Q 10 50	175								0.018	0.61				
	Qv w/ po+py		.28 Q 3 40						99%	44945							
	Qv, bassen		.88 Q 5 20														
	Qv w/ po+py		.95 Q 2 45	176								0.003	0.11				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. [illegible] SHEET No. 23 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	# V.G.	Size V.G. mm.
	Qv w̄ po+py +*VG					.14	Q	14	50			2	.05
	Qv w̄ po+py					.96	Q	8	30	S			
	177.00 – 179.00m occas. Hnbl [illegible]										177		
	Qv w̄ po+py+cp+?VG					.24	Q	37	70			1	.05
	Qv w̄ po+py					.56	Q	12	70				
	Qv w̄ po+py					.61	Q	30	70				
	Qv w̄ po+py					.83	Q	3	50				
											178		
											179		
	Qv w̄ po+py +*VG					.48	Q	5	60			5	.05/.10
											180		
											181		
	Qv w̄ po, +tr py +*VG					.54	Q	6	40	S		1	.05
	Qv, barren					.75	Q	4	25				
	Qv, barren, vuggy					.88	Q	18	30		182		
											183		
	Qv w̄ po+py +*VG					.05	Q	36	60			5	.05/.75
	Qv, barren					.22	Q	2	20				
											184		

Columns % (Hornblende, Biotite, Musc./Seric.), % (Chlorite, Epidote, Gypsum, Garnet, Clay, Carbonate), % (Chalcopyrite, Arsenopy, Pyrrhotite, Pyrite): no entries.

Meters Blocks	EST. Core Rec.
176.78	
179.83	97%
182.89	94%
	103%

ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
44946		[illegible]	[illegible]				
44947		0.067	[illegible]				
44948		[illegible]	[illegible]				
44949		0.001	0.31				
44950		[illegible]	0.0[illegible]				
44951		0.005	[illegible]				
44952		0.003	0.09				
44953		[illegible]	0.15				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | JN(UG)88-120 | HOLE No. _____ | SHEET No. 24 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-vein: Generation / Meters / A.V.G. Size V.G. mm.	% Hornblende / Biotite / Muse./Sericite	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
										44954							
	QC v, barren, rugey		.10 QX 4 30	185					103%								
								185.93		44955		0.006	0.21				
				186						44956		0.001	0.15				
				187													
	Qv w po+py+cp		.95 Q 4 70						100%	44957		0.001	0.05				
188.10 – 207.43	XENOLITHIC ZONE, hornfels sed, garnetiferous and locally calc-silicate, po is patchy and fracture fillings, bedding moderately defined	50	.28 Q 6 50	188	Qv w po+cp	2 to 3 / 3 to 5	2 to 5			44958		0.001	0.38				
	188.10 – 189.00 Hornfels Xeno																
	189.00 – 189.50 QD, coarse gr.			189				188.98		44959		0.006	0.77				
	189.50 – 192.40 Hornfels Xeno abundant garnet and calc-silicate alteration, lower contact at 30°								101%	44960		0.006	0.21				
				190													
				191						44961		0.015	0.50				
				192				192.02									

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(UG)88-120

Meters (From – To)	Rock Type and Textures – Colour, Alteration	Veins (Metres / Type / Thickness / Angle)	Graphic-veins Meters	% (Epidote / Garnet)	Meters Blocks	Est. Core Rec.	Sample No.	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
	192.40 – 193.64 QD, typical Jenner style, med to coarse gr, no veining		193				44962	↕	[illegible]	[illegible]			
	193.64 – 196.60 Hornfels Xeno locally calc-silicate altered					100%	44963	↕	0.004	[illegible]			
	Qv w̄ po ± py	.90 / Q / 9 / 70	194										
			195		195.07		44964	↕	[illegible]	[illegible]			
			196				44965	↕	[illegible]	0.01			
				X / X									
	196.60 – 200.20 Predominantly hornfels w̄ short sections of QD		197			98%	44966	↕	[illegible]	[illegible]			
			198		198.12		44967	↕	[illegible]	[illegible]			
			199				44968	↕	0.007	0.25			
	Qcv w̄ abundant po ± py	.90 / QC / 35 / 35	200				44969	↕	0.015	[illegible]			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JW(00)88-120 | SHEET No. 26 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles. Contacts	Angles. Bedding	Angles. Cleav./Foliat.	Angles. Faults	Veins. Metres	Veins. Type	Veins. Thickness mm	Veins. Angle	Graphic-veins. Generation	Graphic-veins. Meters	Graphic-veins. % & V.G. Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	ASSAY Sample Length	ASSAY Au oz/t	ASSAY Au 1 gm/tonne	ASSAY Au 2	ASSAY Au 3	ASSAY	ASSAY Ag
	200.20 – 202.40 QD, highly chloritic, locally mottled																											44970		0.001	0.36				
	Q(chl) v ∓ abund po + tr py Q(chl) v ∓ abund po + tr py Q(chl) v ∓ po + tr cp Q(chl) v ∓ po					35 68 77 83	Q Q Q Q	4 3 2 6	35 20 20 40																		201.17		44971		0.004	0.73				
	202.20 – 203.94, Hornfels xeno mottled and siliceous, moderately brecciated (in situ)																											44972		0.001	0.01				
	202.94 – 203.93 QD, chloritic fairly typical Sennen stock	50				93	Q	5	45							25 to 30											97%	44973		0.001	0.01				
	203.93 – 205.05 Hornfels, siliceous (looks cherty in places), chloritic and brecciated, relatively abundant po 3-5% in patches and disseminated																										204.22		44974		0.001	0.01				
	205.05 – 206.05 QD, chloritic med gr.					28	Q	4	80				Qv ∓ po + py															99%	44975		0.011	0.13				
	206.05 – 206.21 Hornfels Xeno 206.21 – 206.57 QD 206.57 – 207.43 Hornfels Xeno garnetiferous ∓ calc-silicate alteration, pyrhotitic					93	Q	5	50				Qv ∓ po + py																44976		0.001	0.09				
207.43 – 234.70	QUARTZ DIORITE, typical Sennen Stock QD, irregular upper contact.												25 to 30	5 to 10	2 to 4	15 to 20								tr to 1		207.26		44977		0.006	0.72				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN(UG)88-120

HOLE No. _____ SHEET No. 27 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles. Contacts	Angles. Bedding	Angles. Cleav./Foliat.	Angles. Faults	Veins. Metres	Veins. Type	Veins. Thickness mm	Veins. Angle	Graphic-veins. Generation	Graphic-veins. Meters	Graphic-veins. A.V.G. Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	ASSAY Sample Length	ASSAY Au oz/t	ASSAY Au 1 gm/tonne	ASSAY Au 2	ASSAY Au 3	ASSAY	ASSAY Ag
											209																	44978							
	Qv w po + py					33	Q	5	50																	101%								
	QC(chl) v w abund po + py					24	Q	45	50		210															210.31		44979							
																												44980							
											211																	44981							
	QC(chl) v w po					25	QC	5	10																	100%		44982							
											212																								
	Qv w po					52	Q	5	85																	213.36		44983							
											213																								
																												44984							
	Q(chl) v w po					25	Q	4	60		214															100%									
																												44985							
	Q(chl) v w tr po + tr py					85	Q	3	40		215																								
											216																								

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. SN(UG)88-120 | SHEET No. 28 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / o.v.s. / Size V.S. mm.	% Hornblende / Biotite / Musc./Sericite	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Qc(chl) v w po + tr py, sericitic halo		40 Qc 6 40	217				216.41		44986							
	217.00 – 227.00 QD cont'd weakly to moderately bleached locally sericitized									44987							
	Qv w tr po		93 Q 3 20	218					98%	44988							
	Qv w po + py		79 Q 6 70	219													
	Q(chl) v w po + tr sp		14 Q 2 60					219.46		44989							
	Qv w po, discont, irreg.		26 Q 4														
	Qc(chl) v w po		33 Qc 5 70														
	Q(chl) v w tr po		55 Q 7 40	220													
	Qv w po		41 Q 4 70							44990							
				221					104%								
										44991							
	Qc(chl) v w po		21 Qc 3 30	222													
	Qc(chl) v, barren		31 Qc 2 30														
	Qc(chl) v w po + py		56 Qc 2 70					222.50		44992							
	Qv w po tpy		69 Q 4 35														
	Qc v, barren		99 Qc 3 10	223													
	Qv w po + py tcp		00 Q 5 40														
	Qv w tr po		42 Q 3 25						99%	44993							
	Qc v, barren		54 Qc 5 40														
	Qv w tr po + tr py		76 Q 7 40	224													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(UG) 88-120 SHEET No. 29 OF 32

Rock Type and Textures – Colour, Alteration	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Meters	V.G. / Size V.G. mm	Notes (% columns)
QC v w̄ abundant po ±py	.28	QC	3	80			
Q v w̄ tr po	.38	Q	9	40			
Q v, barren	.54	Q	4	40			
					225		
Q v w̄ po + py	.11	Q	4	80			
QC v, barren	.56	QC	3	65			
QC v w̄ tr po	.66	QC	3	40			
					226		
QC v, barren	.50	QC	5	80			
QC v w̄ po + py	.58	QC	4	50			
					227		
227.30 – 228.00 QD texture is	.41	QC	?	?			QC v, barren, core is broken
Faint, soaked biotitic w̄	.54	Q	3	60			Q v w̄ po
relatively abund QC (barren) veining	.70	QC	5	20			QC v w̄ po + py
QC v w̄ po + py + *VG	.87	QC	10	70	228	2 / .01	
QC v, barren	.71	QC	5	35			
QC v w̄ tr po + tr py	.95	QC	18	10	229		
Q v w̄ tr po	.77	Q					
QC v w̄ tr po	.87	QC	5	20	230		
QC v w̄ po + py, vuggy	.76	QC	5	45			
					231		
231.00 – 234.70 patchy alteration							
and variation in texture From							
med to coarse grained.	.56	Q	3	20			Q v w̄ po + tr py
	.65	Q	75	30	232		

Meters Blocks: 225.55, 228.60, 231.65

EST. Core Rec.: 99%, 100%

ASSAY

FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
44994		[illegible]	0.21				
44995		0.001	0.01				
44996		0.002	0.06				
44997		0.146	5.00				
44998		0.001	0.03				
44999		[illegible]	0.03				
45000		0.001	0.03				
50001		[illegible]	[illegible]				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN(UG)88-120

HOLE No. ________ SHEET No. 30 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Metres	% Hornblende	Biotite	Musc./Seric.	% Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	% Chalcopyrite	Arsenopy.	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.
	QC(chl) v ∥ po+py					.19	QC	4	40																
	Q v ∥ po+py					.50	Q	15	20																
	232.63 – 234.23 FELDSPAR	60																							
	PORPHYRITIC DIORITE DYKE									233															99%
										234															
234.70 – 256.03	HORNFELS SEDS, light to		65								X	?	3	10	tr		tr		X			tr	tr	234.70	
	med grey, aphanitic weakly									235			to	to								to			
	defined bedding, locally					.13	Q	27	70				5	15								1			
	mottled, qtz veining is generally				70	.28																			
	irregular and patchy rare, short																								
	QD sections (dykes) with irregular																								
	contacts, locally silicified,									236															
	rare calc-silicate sections,																								100%
	veining 3–5%																								
										237															
										238														237.74	
	238.46 – 238.72 QD dyke, irreg contact																								
										239															99%
	239.42 – 239.60 QD Dyke, irreg contacts									240															

ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
50002		0.004	0.12				
50003		0.001	0.02				
50004		0.002	0.03				
50005		0.005	0.12				
50006		0.015	0.36				
50007		0.001	0.01				
50008	1.0 m	0.001	0.01				
50009	1.0 m	[illegible]	0.01				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(06)88-120 SHEET No. 31 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.S.	Graphic-veins: Size V.S. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.
	240.00 – 256.03, 3-5% qtz vning w/ po + py + tr cp generally at ~ 60° to CA, occasionally discontinuous and irregular					34	Q	17			241																240.79	
	Qv w/ tr po + tr py, discont & irreg					34	Q	17			242																	
	242.59 – 242.74 irreg. qtz vning w/ tr po.										243																243.84	100%
											244																	
											245																	
											246																246.89	100%
											247																	
											248																	99%

ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gms/tonne	Au 2	Au 3		Ag
50010	2.0 m	0.001	0.03				
50011	2.0 m	0.001	0.03				
50012	2.0 m						
50013	2.0 m						

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. SN(UG)88-120 SHEET No. 32 OF 32

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Graphic-veins Meters	Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	HORNFELS SEDS (cont'd)											
		249			50014		0.001	0.02				
		250	249.94									
		251			50015		0.001	0.02				
	251.52 - 251.61 Pyrrhotite appears to be [illegible] w silica [illegible] (?), patchy			101%								
	252 - 256.03 Qtz veins dies off to ≤1%, bedding is [illegible] well defined, calc-silicate alteration also [illegible]	252										
		253	252.98		50016		0.001	0.01				
		254										
		255		99%	50017		0.001	0.02				
256.03	EOH	256	EOH		256.03							

DEPTH	DIP	AZ
600'	-83°	282.5°
400'	-84°	271.5°
200'	-84°	272.5

BEMA GOLD CORPORATION

PAJARI

N.T.S. MAP GRID: 92 H 5 | LOCATION: Sennen | DATE COLLARED: | DATE COMPLETED: DEC 1, 1988

DEPTH	DIP	AZ.
1251'	-84°	286.5°
1000'	-84°	286.5°
800'	-83°	282.5°

LENGTH : 390.45m
ELEVATION : 187.9 | PROPERTY : HARRISON LAKE
NORTHING : 9484.9 N | CORE SIZE : NQ2
EASTING : 11309.7 E | SCALE OF LOG : 1:50

HOLE No. : JN(UG) 88-121
SHEET No. 1 of 50
LOGGED BY : B. Bowen / D.R. Riley
DATE :

METERS FROM-TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: A.V.G. Size V.G. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	ASSAY: Sample Length	ASSAY: Au oz/t	ASSAY: Au 1	ASSAY: Au 2	ASSAY: Au 3	ASSAY:	ASSAY: Ag
0.00 – 0.61	CASING																																	
0.61 – 59.21	HORNFELS SEDS w occassional QD dyking beds are highly garnetiferous w minor calc-silicate bands veining is commonly carbonate quartz-carbonate which is commonly irreg and discontinuous, occassionally associated w po, po is patchy and disseminated 1-2%	50									1.0								5 to 7								0.61								
											2.0																	73%	50018						
																													50019						
											3.0																3.35		4.0						
											4.0																								
											5.0																	100%	50020						
											6.0																		6.0m						
											7.0								↓								6.40		50021						

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(00)EB-121 SHEET No. 2 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Hornblende %	Biotite %	Musc./Seric. %	Chlorite %	Carbonate %	Pyrrhotite %	Meters Blocks	EST. Core Rec.	FROM SAMPLE No. TO	Au oz/t	Au 1 gm/tonne
	7.85 – 9.43 m QD dyke, chloritic Fine to med gr., upper contact lost to broken core, lower contact irreg.					3 to 5	≤1	1 to 2	20 to 25	1 to 2	tr to 1			8.0		
	Po Fracture fill w tr py	.23	P	2	60								101%	50022	0.011	[illegible]
	9.43 HORNFELS [illegible] locally mottled					X	X	X	X	X	X	9.45		10.0		
													102%	50023	0.001	0.01
												12.50		12.0		
														50024	[illegible]	[illegible]
													100%	14.0		
														50025	[illegible]	[illegible]

Graphic-veins meter marks: 8.0, 9.0, 10.0, 11.0, 12.0, 13.0, 14.0, 15.0

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN (UG)
HOLE No. BB-121 SHEET No. 1B OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Metres	% V.G.	Size V.G. mm	%: Hornblende	Biotite	Musc./Seric.	%: Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	%: Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
											135																									
											136																									
											137																									
											138																									
											139																									
	Qv w̄ po + py + tr cp					.50	Q	10	40																											
	Qv w̄ po + py					.55	Q	8	40																											
											140																									
											141																									
	Qv w̄ po					.51	Q	3	60																											
	Qv w̄ po					.66	Q	4	70																											
	Qv w̄ po + py					.74	Q	5	85		142																									
	Qv w̄ po + py + tr cp?					.64	Q	6	70																											
	Po v w̄ * VG					.90	P	7	40			4	.01																							
											143																									

RECORDED ON CDS

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JM(UG)88-121 SHEET No. 3 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration	Graphic-veins Metres	Metre Blocks	EST. Core Rec.	FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
	Hornfels seds (cont'd)										
			15.54								
		16.0			16.0	X					
	16.97 – 17.47 Qtz vn w chloritic and [illegible] Frags., Fractures Filled w po (≤1% po); contacts [illegible]	17.0		100%	50026		0.001	0.02			
		18.0			18.0	X					
			18.59		50027		[illegible]	0.01			
		19.0									
	19.50 – 19.93 10% irregular qtz [illegible] w low po mineralization <1%										
		20.0		89%	20.0	X					
					50028		[illegible]				
		21.0									
			21.64								
		22.0			22.0 m	X					
				100%	50029		[illegible]	0.01			
		23.0									

Other column headings (blank on this sheet): Angles (Contacts, Bedding, Cleav./Foliat., Faults); Veins (Metres, Type, Thickness mm, Angle); Graphic-veins (Generation, V.G., Size V.G. mm); % (Hornblende, Biotite, Musc./Seric.); % (Chlorite, Epidote, Gypsum, Garnet, Clay, Carbonate); % (Chalcopyrite, Arsenopy, Pyrrhotite, Pyrite).

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN (UG) 88-121

HOLE No. ______ SHEET No. 4 OF 50

METERS FROM – TO | **Rock Type and Textures – Colour, Alteration.**

Hornfels Seds (cont'd) $\bar{c}$ local cherty looking sections

25.30 – 25.65 QD dyke Fine to med gr. [illegible], no veining

26.43 – 27.41 QD dyke [illegible] in coarse grained, lower part of dyke has [illegible] inclusions, some qtz-carb healed Fractures.

27.41 HORNFELS [illegible] % garnets [illegible] to 2-3%

Interval	Angles: Contacts	Hornblende %	Biotite %	Musc./Seric. %	Chlorite %	Pyrrhotite %
25.30 – 25.65	60	3 to 5	≤1	1 to 2	20 to 25	tr to <1
26.43 – 27.41	40	3 to 5	≤1	1 to 2	20 to 25	Tr to <1

Graphic-veins, Meters: 24.0, 25.0, 26.0, 27.0, 28.0, 29.0, 30.0, 31.0

Meters Blocks: 24.69, 27.74, 30.78

EST. Core Rec.: 98%, 71%

FROM / SAMPLE No. / TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
24.0 / 50030 / 26.0	X	0.001	0.02				
26.0 / 50031 / 28.0	X	[illegible]	0.03				
28.0 / 50032 / 30.0	X	[illegible]	[illegible]				
30.0 / 50033	X	[illegible]	[illegible]				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(00)88-121 SHEET No. 5 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Bedding	Graphic-veins: Meters	Meters Blocks	EST. Core Rec.	ASSAY: FROM / SAMPLE No. / TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	[illegible] [illegible] t'd. bedding [illegible] well defined, carb and [illegible]-carb vning decreasing [illegible] ≤1%, epidote is found in [illegible] sections	60			102%	32.0							
			33.0	32.61		50034		[illegible]	[illegible]				
			34.0	33.83	58%	34.0							
			35.0			50035		[illegible]	[illegible]				
			36.0		99%	36.0							
			37.0	36.88		50036		[illegible]	[illegible]				
	37.85 – 38.00, Qtz vn appears to be brecciated by vuggy carbonate vn. no mineralization		38.0		100%	38.0							
			39.0			50037		[illegible]	[illegible]				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(UG)88-121 | SHEET No. 6 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts, Bedding, Cleav./Foliat., Faults	Veins: Metres, Type, Thickness mm, Angle	Graphic-veins: Generation, Metres, S.V.G., Size V.G. mm.	% Hornblende, Biotite, Musc./Seric.	% Chlorite, Epidote, Gypsum, Garnet, Clay, Carbonate	% Chalcopyrite, Arsenopy, Pyrrhotite, Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gms/tonne	Au 2	Au 3		Ag
	Hornfels Seds (cont'd)									40.0							
				40.0				39.93		50038		0.001	0.01				
				41.0					93%								
				42.0						42.0							
				43.0				42.98		50039		0.001	0.02				
	43.10 – 43.30 mottled, chloritic and pyrhotitic (3-5%) seds									44.0							
				44.0						50040		0.001	0.03				
	44.25 – 44.38 patchy pyrhotite 3-5%								107%								
				45.0													
	45.73 – 45.90 irreg qtz vn w/ po + traces cp																
				46.0				46.02		46.0							
	Qv w/ po + tr py		38 Q 4 40							50041							
	Qv w/ po + py		74 Q 6 20														
				47.0													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. SN(UG)88-12.1 | SHEET No. 7 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
											48.0																		48.0							
	47.44 – 48.76 QD dyke, med to coarse grained, tr ½ meter incs several hornfels xenos	65												5 to 7			10 to 15						tr		tr to 1	tr		100%	50042		0.001	0.02				
	Qv tr disem. po + py (arcp?)					16	Q	5	50		49.0																49.07								
	49.64 – 49.90 FAULT BRECCIA, incorp qtz vn tr chlorite and 1-3% po in matrix																												50.0							
	49.90 – 52.00 bleached (sericitic) and mottled seds										50.0																	99%	50043		0.001	0.01				
											51.0																			52.0							
											52.0																52.12								
											53.0																			50044		0.001	0.01				
	53.38 – 53.74 QD dyke tr hornfels xenos	50									54.0																	104%	54.0							
											55.0																54.86		50045		0.17	0.58				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. SN(OC)88-121 SHEET No. 8 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic: Metres
	55.20 – 55.50 Felsic dyke, late stage QFP [illegible]	30						
								56.0
								57.0
								58.0
								59.0
59.20 – 337.25	QUARTZ DIORITE, med greenish grey, med to coarse grained, typical Sonner Stock QD, from 59.20 – 62.00 QD is fine to med grained with short patchy coarse grained sections and hornfels xenos	60						
								60.0
			.34	Q	7	70	5	
	Qv w̄ po + py		.80	Q	4	70		
								61.0
	Qv w̄ po + py		.58	Q	4	80		
								62.0
	QCv w̄ po + cp		.08	QC	17	50		
								63.0

%	Hornblende	Biotite	Musc./Seric.	Chlorite	Carbonate	Pyrrhotite	Pyrite
59.20 –	3 to 5	5 to 7	1 to 2	20 to 25	2 to 3	tr to 1	tr

Qv w̄ po + py

Metres Blocks	EST. Core Rec.
55.17	97%
58.22	103%
61.26	100%

ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
50046		0.001	0.01				
50047		0.001	[illegible]				
50048		[illegible]	1.38				
50049		0.001	0.02				
50050		0.010	0.33				
50051		[illegible]	[illegible]				
50052		[illegible]	[illegible]				
50053		0.113	387				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | JN(46) | HOLE No. 88-121 | SHEET No. 9 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.
	Qc v w tr po					.27	Qc	5	70		63																	
	Q v w po + py					.67	Q	22	80		64																	
	Qv w po					.64	Q	3	70																		64.31	
	Qv w po + tr py					.72	Q	4	40		65																	
	Qv w po + py					.19	Q	2	80		66																	99%
	Qc v w po					.36	Qc	22	50																			
	Qv w po + py					.84	Q	3	85		67																67.36	
	Qv w po + py + tr cp					1.00	Q	5	15		68																	
	Qv w po + py + tr cp										69																	
	Qv w po + py					.89	Q	12	45		70																	101%
						.09	Q	3	85																			
						.50	Q	80	60		55 x 1																	
						.75	Q	5	5		71																70.41	

ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au g/tonne	Au 2	Au 3		Ag
50054		0.064	2.18				
50055		0.047	1.61				
50056		0.006	.19				
50057		0.022	.76				
50058		0.089	3.04				
50059		0.013	.46				
50060		0.002	.06				
50061		0.320	10.97				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN (UG) 88-121 SHEET No. 10 OF 50

Rock Type and Textures – Colour, Alteration.

QUARTZ DIORITE - CONT'D.

'Typical' cse-gr'd Hbld (Bi) QD phase.

Metres (depth)	Veins: Metres	Type	Thickness mm	Angle	# V.G.	Size V.G. mm	Hornblende %	Biotite %	Musc./Seric. %	Chlorite %	Carbonate %	Pyrrhotite %	Pyrite %
71	.12	Q	2	60			30–	5–	5–	20–		1–	1–
	.34	Chl	3	60			40	10	10	30		3	
	.95	QC	6	30									
	.75	QC	3	30									
	.90	Q	6	40									
72	.00	Q	12	40									
	.09	Q	12	70	20	.1							
	.43	Q	12	70	4	.1							
	.47	Q	12	70									
73											MINOR		
74	.10	Q	1	70									
	.35	Q	4	70									
	.39	Q	7	50									
	.55	Q	7	70									
75	.09	Q	3	65									
	.36	Q	10	40									
	.64	QC	2	45									
	.89	Q	2	40									
76	.14	Q	5	45									
	.75	Q	3	30									
77	.42	Q	5	70									
	.55	Q	30	50									
78													
79													

Meters Blocks: 73.46; 76.51

EST. Core Rec.: 100%; 101%; 101%

ASSAY: From Sample No. To	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
50062		0.036	1.22				
50063		0.196	6.73				
50064		0.002	.06				
50065		.07	0.002				
50066		0.008	.27				
50067		0.006	.22				
50068		0.021	.72				
50069		0.004	.14				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(06) 88-121 | SHEET No. 11 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Metres	% V.S.	Size V.S. mm.	% Hornblende	Biotite	Musc./Seric.	% Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE – CONT'D					.00	Q	3	5		79			20	5	5	2								1	1									
						.18	Q	5	80					40	10	10	30								3										
	'Typical' cse-grained Hbl-Bi QD phase.																										79.55		50070		0.006	.20				
						.00	Qc	12	50			5	1.1																	50071		0.001	.04				
											81											Mineral							100%	50072		0.024	.81				
											82																			50073		0.001	.01				
											83																	82.60		50074		0.001	.02				
											84																			50075		0.001	.01				
						.58	Qc	10	40																				97%	50076		0.034	1.17				
											85																										
						.10	Qc	5	35			1	1.1																								
											86																	85.65									
						.10	Q	1	90																												
											87																		102%	50077		0.003	.10				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. 88-121 JN(ul) SHEET No. 12 OF 50

Rock Type and Textures – Colour, Alteration.

QUARTZ DIORITE – CONT'D.

'Typical' csc-grained Hbld (Bi) QD phase.

Mineral %: Hornblende 30–40, Biotite 5–10, Musc./Seric. 5–6, Chlorite 20–30; Carbonate: minor; Pyrrhotite 1–3; Pyrite 1–

Veins

Metres	Type	Thickness mm	Angle	# V.G.	Size V.G. mm
.80	Q	15	85		
.88	QC	12	50		
.02	Q	3	85	5	<.1
.40	Q	10	65	35	<.1
.31	Q	10	40	45	<.1
.80	Q	10	80		
.75	Q	10	40		
.95	QC	7	45	5	<.1

Meters scale: 87, 88, 89, 90, 91, 92, 93, 94, 95

Meters Blocks: 88.70, 91.74, 94.79

EST. Core Rec.: 102%, 103%, 100%

ASSAY

Sample No.	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
50078	0.004	.12			
50079	0.020	.67			
50080	0.002	.08			
50081	0.001	.03			
50082	0.090	3.07			
50083	0.002	.07			
50084	0.163	5.60	**		
50085	0.011	.39			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN (UG)

HOLE No. 88-121 SHEET No. 13 OF 50

Rock Type and Textures – Colour, Alteration

QUARTZ DIORITE – CONT'D

'Typical' csc-grained Hbld (Bi) QD phase.

@102.48: 20mm Qtz-to vH. cut off by Chl-slip.

Veins

Metres	Type	Thickness mm	Angle	Meters	#V.G.	Size V.G. mm
.38	Q	30	80	95		
.10	Q	20	65	97	60	<.1
.41	Q	10	70			
.50	Q	7	70			
.66	QC	7	30			
.78	QC	6	35	98	2	<.1
.27	QC	2	50			
.66	Q	4	60	99		
.73	Q	3	60		1	<.1
.79	Q	3	60	100		
.60	Q	2	60	101	7	<.1
.80	C	3	30			
.48	Q	20	70	102	1	<.1
.51	Q	5	70			
.90	QC		40	103	1	<.1

Mineral %

Hornblende	Biotite	Musc./Seric.	Chlorite	Carbonate	Pyrrhotite	Pyrite
30–90	5–10	5–10	20–30	MINOR	tr–3	1

Meters Blocks / Est. Core Rec. / Assay

Meters Blocks: 97.84, 100.89

Sample No.	Est. Core Rec.	Au oz/t	Au 1 gm/tonne	Au 2
50086		0.012	.40	
50087	101%	0.126	4.32	
50088		0.300	10.30	**
50089		0.006	.21	
50090	102%	0.008	.28	
50091		0.006	.21	
50092		0.006	.20	
50093	98%	0.039	1.33	

V.G. & UTL?
Stain Bx ?

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(U6) ~~88~~-121 SHEET No. 14 OF 50

METERS FROM – TO | **Rock Type and Textures – Colour, Alteration.**

QUARTZ DIORITE – CONT'D.

'Typical' cse-grained Hbld (Bi) QD phase. Possibly s/w more mafic rich than usual.

Veins (Metres / Type / Thickness mm / Angle):

Meters (interval)	Metres	Type	Thickness mm	Angle	ø V.G.	Size V.G. mm
104	.39	Q	5	45		
104	.43	Q,1	2	60		
104	.50	Q	10	65		
105	.22	Q	5	45		
106	.25	Q	2	50		
106	.43	Q	4	50		
106	.43	Q	7	70		
107	.55	[illegible]	2	50		
107	.95	Q	6	70		
108	.60	Q	5	50	1	<.1
108	.70	Q	5	60	5	<.1
109	.49	Q	5	40		
110	.54	Q	6	35		
110	.78	Qc	3	45		

Metres scale: 103, 104, 105, 106, 107, 108, 109, 110, 111

Mineral %:

	Hornblende	Biotite	Musc./Seric.	Chlorite	Carbonate	Pyrrhotite	Pyrite
103	30	5-	5	25		1-	1±
		10		35		3	
					NONE		

Metres Blocks: 103.94, 106.98, 110.03

EST. Core Rec.: 102%, 98%

ASSAY

Sample No.	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
50094		0.002	.08			
50095		0.004	.14			
50096		0.002	.06			
50097		0.027	.92			
50098		0.054	1.85			
50099		0.026	.90			
50100		0.051	1.74			
50101		0.006	.20			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JW(M&)88-121 | SHEET No. 15 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.S.	Graphic-veins: Size V.S. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE – CONT'D:										111			50	5–10	5	25–35					MINOR			1–3	1–2									
	'Typical' cse-grained Hbld (Bi) QD phase – mafic. xls (=)					.83	C	3	50		112																	1019%	50102		0.001	.02				
																													50103		0.001	.01				
											113																	113.08		50104		0.01	.36				
						.33	QC	20	70		114																										
						.63	QC	35	50			2	.1																								
						.82	Q	4	50																												
						.94	PQ	3	60																												
						.98	Q	4	85		115																										
						.17	Q	2	65																												
						.33	Q	2	40																												
						61	C	10	85																												
											116																									
						.40	QC	1	40																				116.13								
						.50	Q	12	75																												
						.92	HQ	3	65		117																										
						.10	QC	50	20			1	1.1																								
	117.65 – 118.1: QD slightly finer grained, weakly π-ish in orthoclase, some Hbld lath-like. Contacts vague. Possible phase change at dyke (?)										118																									
											119																		99%	50108		0.011	.37				
																														50109		0.021	.81				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. 88-121 (JN(UG)) SHEET No. 16 OF 50

METERS FROM – TO | **Rock Type and Textures – Colour, Alteration.**

QUARTZ DIORITE – CONT'D.

'Typical' cse-grained Hbld (Bi) QD phase – mafic rich ±

@123.34: 6 mm QC VN. w/ poss. V.f. grained V.G. admixed w/ chl.

@ 122.35: 1cm mafic dykelet w/ ~30–40% ≤2 mm anhedral fspar phenos set in Bi rich f. gr'd matrix containing 3-4% diss'd Po (Py).

122.65 – 125.25: Fspar porphyry dyke. Light greyish green in colour, mod sér (chl) pervi alt'n, 20% ± mafics (prob. 1° Bi) altered to chl (ser) fine diss'd Po (Py) 3-4%. upper contact @ 60, lower contact @ 40. @ upper contact, 3+ cm dykelet as per @ 122.35 @ 60° CA, cuts QD but in turn cut by fspar porphyry dyke.

@ 125.05: poss. xenolith of mafic dyke w/in fspar π dyke.

@ 125.25 – 126.30: Dk. green fine-grained Bi-Hbld QD phase. Sim. to Bi-rich 'typical' fine grained QD phase, but somewhat more mafic. 1-2% diss'd Po (Py)

Veins

Contacts	Metres	Type	Thickness mm	Angle
	.37	Q	3	60
	.41	Q	5	90
	.90	Q	10	35
	.96	Q	6	70
	.28	C	3	40
	.63	C	3	45
	.08	Q	3	40
60	.65	Q	5	60
	.34	QC	6	30
	.57	QC	2	40
	.30	Q	3	30
	.52	Q	1	45
	.95	QC	4	60
	.05	Q	3	30
40	.35	Q	5	30
	.96	Q	2	30
	.18	Q	5	30
	.59			

Meters: 119, 120, 121, 122, 123, 124, 125 (x2), 126, 127

Mineral %: Hornblende 50, Biotite 5-, Musc./Seric. 5, Chlorite 35- (10, 35); Pyrrhotite 1-, Pyrite 1± (3); Carbonate MINOR. @ ~123: Biotite 20, Pyrrhotite 2-, Pyrite 1± (3); ?; MOD PERV.; MOD ALTER. MARKS. @ ~125.3: 20, 25; Pyrrhotite 1-, Pyrite 1± (2); WK, WK. @ ~126.5: Hornblende 40-, Biotite 5-, Musc. 5, Chlorite 20- (10, 30); Pyrrhotite 1-, Pyrite 1± (3).

Meters Blocks: 119.18, 122.22, 125.27

EST. Core Rec.: 102%, 98%, 89%

ASSAY

Sample No.	Au oz/t	Au 1 (gm/tonne)	Au 2	Au 3		Ag
50110	0.001	.03				
50111	0.012	.42				
50112	0.003	.10				
50113	0.004	.14				
50114	0.004	.12				
50115	0.001	.04				
50116	0.001	.01				
50117	0.007	.25				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN (46)

HOLE No. 88-121 SHEET No. 17 OF 50

Rock Type and Textures – Colour, Alteration	Contacts	Veins: Metres	Type	Thickness mm	Angle	Meters	V.G.	Size V.G. mm	Hornblende %	Biotite %	Musc./Seric. %	Chlorite %	Carbonate %	Pyrrhotite %	Pyrite %
QUARTZ DIORITE – CONT'D.		.25	Q	5	40	127			40	5-	5	20-		1-	1±
										10		30		2	
'Typical' cse-grained phase –	20														
Cont'd.									20	20	5	20		1±	1-
						128									
127.5 – 128.3 : F.gr'd Bi-Hbl		.02	Q	2	80										
QD phase w/ upper and lower	20	.43	Q	3	60										
contacts sharp @ 20° CA. Sparse		.58	Q	4	60		1	.1	40	5-	5	20-		1-	1±
diss'd Po/Py.	10									10		30		3	
						129			5?	15?				2-3	1+
128.7 – 129.2 : Light greyish-grn	35														
dyke, similar to fspar π-itic dyke									40	5-	5	20-		1-	1±
from 122.65 – 125.25, except only										10		30		3	
sparsely porphyritic in fspar. Upper		.90	QC	7	35										
and lower contacts @ 10 and 35						130									
CA respectively.															
		.43	Q	2	85										
@ 130.56 : Tr. AsPy w/ Bio-Po vlt.		.53	Q	1	85										
		.63	Q	3	30										
						131									
		.13	Q	15	45										
131.6 – 132.3 : Fspar porph. dyke		.30	Q	3	15										
similar to 122.65 – 125.25. Upper	40	.45	Q	3	25										
and lower contacts @ 40 and 15°		.60	Q	9	40				5?	5?				2-3	1+
CA respectively						132									
		.42	Po	2	80										
	15														
		.68	Po	1	80				40	5-	5	20-		1-	1±
										10		30		3	
						133									
133.2 – 133.6 : Sparsely porphyritic	30	.10	Q-Chl	10	45										
dyke as per 128.7 – 129.2									5?	15?				2-	1+
	25	.60	C	4	25									3	
									40	5-	5	20		1-	1±
						134				10		30		3	
		.21	Q	3	80		3	.1							
		.46	Q	1	40										
@ 134.64 : Poss. fine V.G. admixed		.51	Q	2	50										
w/ Chl. in B-Chl. vlt.		.64	Q-Chl	4	70		?	.1							
						135									

Metre Blocks	Est. Core Rec.	Sample No.	Au oz/t	Au 1 gm/tonne
		50118	0.001	.05
128.02		50119	0.005	.17
	113%	50120	0.013	.46
131.06		50121	0.004	.12
	103%	50122	0.014	.49
132.59		50123	0.005	.17
	85%	50124	0.006	.21
134.42		50125	0.136	4.66

N.B. 1 STYLO : START BOX 23.

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JW(46) 88-14 | SHEET No. 18 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / % V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE – CONT'D.		.40 Q 3 35	135	40 5- 5	20	1- 1±										
	'Typical' cs grained Hbld (Bi) phase – cont'd.		.60 Q 2 40		10	30	3										
			.78 Q 4 40	136						50126		0.004	.12				
			.25 Q 2 45														
			.37 Q 2 45			Pyrite			103%	50127		0.006	.20				
			.38 Qv 4 35	137													
			.25 Qv 1 45														
			.77 C B 35					137.46		50128		0.011	.37				
			.30 Q 4 0	138													
			.22 Qv 7 35							50129		0.004	.12				
	Qv w po + py + tr cp		.00 Q 10 40	139													
	Qv w po + py		.35 Q 8 40						100%	50130		0.005	.18				
				140													
								140.51		50131		0.002	.06				
				141													
	Qv w po		.51 Q 3 60														
	Qv w po		.66 Q 4 70														
	Qv w po + py		.74 Q 5 85	142					99%	50132		0.009	.32				
	Qv w po + py + tr cp?		.64 Q 6 70														
	Po v w * Vlt		.90 Po 7 40	4 .01						50133		0.328	11.23				
				143													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. BN(06)88-121 | SHEET No. 19 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Metres / % V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Sericite	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Po fracture fill w *VG		.00 P 1 50	16													
	Qv w po + py		.51 Q 5 80					143.56		50134		0.052	1.77				
	Qv w po + tr py		.14 Q 8 50	144													
	Q(chl) v w po + tr py		.56 Q 4 75							50135		0.041	1.40				
	Qv, barren		.81 Q 4 65	145					100%	50136		0.005	.17				
	Qv, barren		.61 Q 2 70	146													
	Po fracture fill w py		.83 P 1 40					146.61		50137		0.004	.15				
				147						50138		0.001	.05				
				148													
									101%	50139		0.001	.03				
				149													
								149.66		50140		0.001	.04				
	Qv w tr po		.00 Q 7 50	150													
	Q(chl) v w po		.12 Q 7 20						99%	* 50360 Ticket not consecutive		0.001	.02				
				151													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. SN(UG)88-121 | SHEET No. 20 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	ASSAY Sample Length	ASSAY Au oz/t	ASSAY Au 1 gm/tonne	ASSAY Au 2	ASSAY Au 3	ASSAY	ASSAY Ag
	QD coarse gr. cont'd										152																		50141		0.001	.02				
	Qv w po, irregular					.42	Q	20	50																										
	Qv w po irregular					.54	Q	?	?																					50142		0.007	.25				
	Qv w po + tr py					.87	Q	39	55	S	153																	152.70								
	Qv w po + tr py, irreg.					.27	Q	12																						50143		0.002	.06				
											154																		101%							
	Qv w tr po					.54	Q	2	35																					50144		0.027	92				
	Qv w po + py + VG					.94	Q	2	75		155	1	101																							
	Q(ch)br w po + VG					.36	Q	8	80			26	121 105																	50145		0.167	5.74				
	Qv w po + py					.60	Q	3	30																			155.75								
	Qv w po + py					.87	Q	6	90		156																									
																														50146		0.057	1.95				
											157																									
	Qv w po + py, irreg & discont					.34	Q																						99%	50147		0.003	.11				
											158																									
																												158.80		50148		0.005	.17				
											159																									

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(06) 88-121 | SHEET No. 21 OF 55

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / % V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gms/tonne	Au 2	Au 3		Ag
	Q(clal) v w tr po + tr py #V6		24 Q 18 40	25 .01						50149		0.302	10.35				
	Qv w tr po #V6		18 Q 10 40	160 2 .01					99%	50150		0.032	1.09				
	Qv w po + py		40 Q 2 60	161						50151		0.001	.05				
	Qv, barren		38 Q 5 70	162				161.85		50152		0.001	.04				
	Qv w po		70 Q 25 70	163					100%	50153		0.001	.02				
	Qv w po + py + #V6		65 Q 7 80	164 5 .05						50154		0.008	.27				
				165				164.90		50155		0.001	.01				
	Qv w po + py		11 Q 12 80	166													
	Qv w po + py		34 Q 14 25						100%	50156		0.005	.16				
	Q(cl) v w po + py		97 Q 4 50	167													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JW(06)88-121 | SHEET No. 22 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: e.v.e.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.
	Q(chl) v w po + py					.04	Q	3	60																			
	Qv w po + py, irreg & discont					.15	Q	-	-																			
	Q(chl) v w po + py, discont.					.30	Q	7	40																			
	Qv w po + py + tr VG					.57	Q	20	50			1 .01																
	Qv w po + py					.71	Q	7	50		168																167.94	
	Q(chl) v w po + tr py					.08	Q	15	70																			
	Qc(chl) v po					.93	Qc	5	40		169																	
											170																	100%
											171																170.99	
	Qc(chl) v w tr po					.07	Qc	5	85																			
	Qv w po + py					.80	Q	4	60		172																	
											173																	101%
	Qv, barren					.06	Q	2	50																			
	Qv w po + py + * VG					.88	Q	39	80			7 .01																
											174																174.04	
	Qv w po + py					.40	Q	2	60																			
											175																	98%

ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au g/tonne	Au 2	Au 3		Ag
50157		1.10	0.032				
50158		0.005	.16				
50159		0.001	.04				
50160		0.001	.02				
50161		0.002	.08				
50162		0.002	.07				
50163		0.029	1.00				
50164		0.006	.21				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(UG)88-121 | SHEET No. 23 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / % V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Sericite	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
				176						50165		0.005	.17				
	Q(chl) v ≅ po + py		.26 Q 12 40						98%								
				177						50166		0.041	1.41				
	Q v ≅ po		.08 Q 3 80					177.09									
	Q v ≅ po		.89 Q 2 70	178						50167		0.003	.10				
	Q(chl) v ≅ po + py		.00 Q 2 30														
	Qc(chl) v ≅ po + tr* Vlt		.86 Qc 45 45	179	1	.01			112%	50168		0.005	.16				
	Q v ≅ po + tr py + * Vlt		.35 Q 3 30		2	.01											
	Q(ch) v ≅ po		.46 Q 5 60					179.53		50169		0.046	1.56				
	Q(ch) v ≅ po + py + * Vlt		.79 Q 3 40		2	.10											
	Q(ch) v ≅ po + py + * Vlt, irreg.		.83 Q 3 80	180	6	.75											
				181					94%	50170		0.005	.18				
	Q v ≅ po + py		.53 Q 2 85														
				182				181.66		50171		0.003	.10				
	Qc(chl) v ≅ po, irreg.		.65 Qc 4 60	183					99%	50172		0.004	.13				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 PROPERTY HARRISON LAKE JN(U6)88-121 HOLE No. _____ SHEET No. 34 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Qv ≈ po + py					.13	Q	3	85		184																		50173		0.014	.48				
	Qv ≈ po					.24	Q	4	50																										
	Qv ≈ po + py					.38	Q	5	85																										
	Qv ≈ po + py					.17	Q	9	55																										
	Qv ≈ po + py					.21	Q	5	50		185																	184.71		50174		0.002	.06				
																														50175		0.001	.01				
	Qv ≈ po					.00	Q	6	60		186																								
	Qv ≈ po + py					.05	Q	4	55																										
186.08 – 186.17 (bleached) QD, dyke	50																																		
Q(chl) v ≈ po						.54	Q	5	85																		97%	50176		0.004	.12				
186.60 – 186.64 (bleached) QD dyke	50										187																								
Q(chl) v ≈ po + py, irreg.						.36	Q	3	?																										
Q(chl) v ≈ po + py						.77	Q	5	50																										
Q(chl) v ≈ po + py						.09	Q	8	60																					50177		0.014	.48				
Qv ≈ po + py						.39	Q	3	50		188																187.76									
																														50178		0.002	.08				
Q((chl) v ≈ po						.94	Q	30	50		189																								
																														50179		0.004	.15				
											190																								
Qv ≈ po						.46	Q	2	85																										
Qv ≈ po + py						.57	Q	11	50																					50180		0.029	1.00				
Qv ≈ po						.15	Q	3	60		191																190.80									

BEMA GOLD CORPORATION

JN(UG) 88-121

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. _____ | SHEET No. 25 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / V.G. Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.
	Q(chl) v w̄ po + tr py		.75 Q 1 50	192					
	Qv w̄ po + py		.90 Q 2 50	193					101%
	Qv w̄ po		.15 Q 30 85						
	Qv w̄ po + tr py		.40 Q 6 60	194				193.85	
				195					
	Qv ∓ + tr po		.64 Q 3 80	196					100%
				197				196.90	
	Qv w̄ po + py		.32 Q 8 70	198					
	Qv w̄ po + py		.88 Q 5 70	199					101%

ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gms/tonne	Au 2	Au 3		Ag
50181		0.006	.22				
50182		0.001	.05				
50183		0.012	.42				
50184		0.001	.02				
50185		0.003	.10				
50186		0.001	.02				
50187		0.006	.21				
50188		0.005	.18				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(UG) 88-121 | SHEET No. 26 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
								199.64		50189		0.001	.02				
	Q(ch)v, barren		.28 Q 10 80							50190		0.001	.03				
	Qv w po +tv(r Qc v w po		.35 Q 15 65 .41 Qc 4 60	2 .25					87%	50191		0.013	.44				
	Qv w po		.42 Q 20 85					203.00		50192		0.002	.06				
										50193		0.002	.07				
	Qv w po +py Qv w po +py +tv(r Qv w po +py		.00 Q 4 70 .03 Q 12 75 .69 Q 13 40	1 .01					102%	50194		0.005	.17				
	Qv w po +py Q(ch)v w po Qc(ch)v w po +py Ch v w po Qc(ch)v w po Qc(ch)v w po Qv w po Qc(ch)+sev)v, barren		.07 Q 4 50 .09 Q 3 65 .52 Qc 13 60 .88 Ch 2 50 .92 Qc 3 50 .13 Qc 3 65 .29 Q 6 50 .59 Qc 7 70					206.04		50195		0.046	.20				
										50196		0.001	.04				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. SN(UG)88-121 | SHEET No. 27 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: @ V.S.	Graphic-veins: Size V.S. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Qv w po + tr py					.19	Q	67	50		207																								
	Qv w po + tr py					.31	Q	64	60																										
	Qv w po					.44	Q	7	85																										
	Qv w po					.47	Q	7	70																										
	Qv w po + tr Vlt					.58	Q	5	70			1	.01																						
	Qv w po + tr py + Vlt, irreg.					.68	Q	8	50			2	.10																						
	Chl v w po					.94	Chl	7	60		208																								
	Q(chl) v w po					.53	Q	3	80																										
	Qv w po + tr py					.64	Q	7	70																										
	Qv w po + py					.82	Q	8	60		209																								
																												209.09								
	Qv w po, irreg.					.80	Q	7	?																										
	Qv w po					.88	Q	9																											
	Qv w po + py, irreg.					.93	Q	12	3		210																								
	Qv w po + py					.26	Q	2	60																										
	Qv w po + tr py + Vlt					.11	Q	10	65			4	1.25 1.10																						
	Qv w po					.37	Q	1	30																										
	Qv w po, core is broken, crumbly					.60	Q	?	?																										
											211																								
											212																								
																												212.14								
	Qv w po + tr py					.77	Q	4	80																										
	Qv w po + tr py					.96	Q	12	80	S	213																								
	214.00 onward Feldspar porphyritic										214																								

ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
50197		0.074	2.52				
208							
50198		0.004	.13				
50199		0.013	.45				
50200		0.118	4.04				
50201		0.001	.05				
50202		0.006	.20				
50203		0.002	.08				

EST. Core Rec.: 101% | 102% | 101%

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(UG)88-121 SHEET No. 28 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Meters	#V.G.	Size V.G. mm.	%: Hornblende	Biotite	Musc./Seric.	%: Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	%: Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QD (cont'd)																												50204		0.001	.04				
											215																215.19									
	Qvw̄ po + tr py					47	Q	8	80																				50205		0.001	.02				
											216																		50206		0.001	.01				
											217																	101%	50207		0.001	.01				
											218																218.24									
	Qvw̄ po + tr py					37	Q	8	80																				50208		0.008	.28				
	Qvw̄ po + tr py + VG					70	Q	11	50			4	.05																							
											219																		50209		0.004	.15				
											220																	100%	50210		0.005	.17				
											221																221.28									
	QCv, barren					77	QC	3	50		222																		50211		0.039	1.32				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(UG)88-121 | SHEET No. 29 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Metres / % V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gms/tonne	Au 2	Au 3		Ag
				223						50212		0.001	.03				
	QC v, barren		.24 QC 7 40														
	QC v, barren		.26 QC 5 60						99%	50213		0.001	.01				
	Q v w po		.90 Q 6 85	224													
								224.33		50214		0.001	.05				
				225													
	Q v w po + py, irreg.		.08 Q 9 ?							50215		0.006	.21				
	Q v w po + py		.70 Q 11 50	226													
	Q v w po		.06 Q 4 55						98%	50216		0.069	2.19				← IP
	Q v w po		.08 Q 15 60														
	Q v w po + asp		.35 QC 110 40														
	Q v w po + py		.89 Q 32 80														
	Q v, bar ren		.93 Q 7 70	227													
	QC v, barren		.03 QC 10 40														
	QC v, barren		.08 QC 5 50														
	QC v, barren		.11 QC 8 50					227.38		50217		0.160	5.50	*	*		
	QC v w po + py + VG		.57 QC 3 27	3.5%													
				228						50218		0.008	.27				
	Q v w po		.74 Q 10 30 S														
				229					100%	50219		0.067	2.30				
				230													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. SN(UG)88-121 SHEET No. 30 OF 50

Graphic depth (m)	Rock Type and Textures – Colour, Alteration	Veins: Metres	Type	Thickness mm	Angle	V.G. #	Size V.G. mm	Notes	Meters Blocks
	Q✓, barren	.30	Q	15	50				
	Q✓ w̄ po	.44	Q	5	70				230.43
231									
	Q✓ w̄ po + VG	.70	Q	8	20	4	.10 / .05		
232	232.00 – 234.00 Compositional banding (more felsic bands w̄ more mafic bands) parallel to core axis								
		.28	Q	10	90	1	.10	Q v w̄ po + tr py + VG	
		.40	Q	7	80	10	.05 / .10	Q v w̄ po + VG	
233									
	Qv w̄ po + tr py	.33	Q	4	60				
	Qv w̄ po	.46	Q	3	60				
	Q(chl)v w̄ po	.72	chl	6	60				233.48
	Chl v barr	.84	chl	5	70				
	Chl v w̄ po	.91	chl	4	70				
234									
	Qv w̄ po	.90	Q	4	80				
235									
	Qv w̄ po	.44	Q	8	70				235.61
236									
	Qv w̄ po	.30	Q	4	70				
	Qv w̄ po + tr py	.46	Q	4	80				
237									
238									

ASSAY

EST. Core Rec.	From Sample No. To	Sample Length	A[illegible]	Au 1 gm/tonne	Au 2	Au 3		Ag
	50220		0.003	.10				
	50221		0.119	4.09				
101%	50222		0.088	3.01	**			
	50223		0.004	.14				
81%	50224		0.003	.09				
	50225		0.001	.02				
	50226		0.001	.01				
117%	50227		0.001	.01				

METERS FROM - TO	Rock Type and Textures - Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Metres	# V.G.	Size V.G. mm	% Hornblende	Biotite	Musc./Seric.	% Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.
																											238.05	
	Q(chl) v w̄ po					.06	Q	6	60																			
	Qv w̄ po + trpy					.26	Q	4	70																			
											239																	
	Qv w̄ po					.01	Q	12	70																			
											240																	100%
	Q(chl) v, barren					.94	Q	10	50		241																	
																											241.10	
	Qv w̄ po					.80	Q	6	40																			
											242																	
	Qv w̄ po					.46	Q	7	40																			
	QC(ser) v, barren					.73	QC	50	40																			
											243																	101%
	Q(chl) v w̄ po					.74	Q	4	80																			
	Q(chl) v w̄ po					.75	Q	4	50		244																	
																											244.14	
	Q(chl) v w̄ po + trpy					.52	Q	12	65																			
	244.85 - 248.50 sericitic & bleached										245				5													
	Qv w̄ po + py + *VG					.06	Q	27	70			5	.05 .10		to													
															10													99%
											246																	

ASSAY

FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
50228		0.013	.45				
50229		0.001	.05				
50230		0.002	.07				
50231		0.004	.14				
50232		0.017	.58				
50233		0.001	.03				
50234		0.005	.17				
50235		~~0.094~~	3.22	**			

BEMA GOLD CORPORATION

N.T.S. MAP GRID: 92 H 5 | DEPTH | DIP | AZ. | LENGTH :
LOCATION : | | | | ELEVATION :
DATE COLLARED : | | | | NORTHING :
DATE COMPLETED : | | | | EASTING :

PROPERTY : HARRISON LAKE
CORE SIZE :
SCALE OF LOG :

HOLE No. :
SHEET No. 32 of 50
LOGGED BY :
DATE :

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Concentration / Metres / o.v.c. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QD (cont'd)			247						50236		0.005	.16				
	Q (chl) v w PO + PY		90 Q 5 85					247.14		50237		0.010	.35				
	Qc v w PO		05 QC 5 50	248						50238		0.005	.18				
	Q (chl) v, barren		42 Q 5 80						98%	50239		0.004	.12				
	Q v w PO + tr CP		95 Q 5 60	249 250						50240		0.003	.10				
	Q (chl) v w PO		48 Q 5 50					250.24		50241		0.001	.02				
				251					100%	50242		0.001	.01				
	Chl v, barren		07 Chl 10 85	252 253													

BEMA GOLD CORPORATION

N.T.S. MAP GRID: 92 H 5	DEPTH	DIP	AZ.	LENGTH:	HOLE No.: JN (UG) 88-121
LOCATION:				ELEVATION:	PROPERTY: HARRISON LAKE
DATE COLLARED:				NORTHING:	CORE SIZE:
DATE COMPLETED:				EASTING:	SCALE OF LOG:
					SHEET No. 33 of 50
					LOGGED BY:
					DATE:

METERS FROM – TO | **Rock Type and Textures – Colour, Alteration.**

QUARTZ DIORITE – CONT'D.

'Typical' Bi (Hbld) fine-grained phase. Wk clay alt'n after fspar gives rock sparsely porphyritic appearance, but mainly alt'n effect. Sericitic envelope up to several cm common on many of the qtz – Po vns.

Past 253, many of the qtz – Po veins and vlts have noticeable increase in amount of Chl.

Veins / Graphic-veins

Metres	Type	Thickness mm	Angle	Generation	Meters	# V.G.	Size V.G. mm
					253		
					254		
.00	Q	4	50				
.10	Q	12	50				
.22	Q	12	50			20	.1
.40	Q	3	75			10	<.1
					255		
.44	QC	4	46				
.52	QC	3	80				
.69	QC	2	60				
.74	Q	2	60				
					256		
.46	Q	2	85				
.64	Q	4	65				
					257		
.14	Q	2	60				
.26	Q	6	60			10	.1
.53	Q	30	70			2	<.1
.65	Q	12	60				
.72	Q	5	60		258		
.90	Q	30	60				
.97	Q	25	55				
.29	Q	50	60			2	<.1
.53	Q	30	70	S		10	.1
.86	Q	10	70		259	20	
.30	Q	2	50				
.83	Q	4	85				
					260		

%

Hornblende	Biotite	Musc./Seric.	Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite
6	15-25	5-10	20					Minor			2-3	1-

Meters Blocks / EST. Core Rec.: 253.29 – 256.34 – 259.38; 100%, 100%

ASSAY

FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
50243			0.001	.03			
50244			1.371	47.00	**		
50245			0.021	.73			
50246			0.007	.23			
50247			1.419	48.65	**		
50248			0.201	6.88	**		
50249			0.006	.19			

V.G. – Counts: Scott 260.

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. 88-121 SHEET No. 34 OF 50

Rock Type and Textures – Colour, Alteration

QUARTZ DIORITE – CONT'D.

'Typical' f. grained phase cont'd.

Again, noticeable increase in Chl. in Qtz-Po vlts.

@ 263.45: Minor pink gangue in Po-Chl. vlt. Stains red w/ alizarin – probable rhodochrosite.

Locally, granularity of QD somewhat cser-grained, but overall, still f. gr'd phase (+/-)

Veins

Metres	Type	Thickness mm	Angle
.33	Q	50	70
.56	Q	1	30
.68	Q	10	75
.12	Q	5	65
.45	Q	65	70
.54	Q	6	50
.65	Q	10	50
.77	Q	3	70
.90	Po-Chl.	2	60
.45	Po-Chl.	2	60
.03	Q	10	45

Metres: 260, 261, 262, 263, 264, 265, 266, 267, 268

% V.G. / Size V.G. mm: at 261.33: 14 / .1; at 262.45: 35 / .1

% Hornblende: 10± ; Biotite: 15–25 ; Musc./Seric.: 5–10 ; Chlorite: 20

Carbonate: MINOR

Pyrrhotite: 2– / 3 ; Pyrite: 1±

Meters Blocks: 262.43 ; 265.48

EST. Core Rec.: 100% ; 101% ; 99%

Assay

FROM SAMPLE No. TO	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
50250	0.001	.01			
50251	0.047	1.60	**		
50252	0.475	16.30	**		
50253	0.023	.80	**		
50254	0.001	.02			
50255	0.001	.01			
50256	0.001	.02			
50257	0.001	.01			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. 88-121 (Jn 1986) | SHEET No. 35 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE - CONT'D.					.53	QV	15	80		268																								
	Typical f. gr'd phase cont'd.					.68	C	5	65																										
						.85	C	4	50					?	?											3 -	1+	268.53								
						.90	Q	30	80																	4									
	268.3 - 270.2: Textures become										269																								
	vague locally due to stk. potv.					.19	C	30	60																										
	Cal-Sel. all'd associated w/					.18	Q	3	60																										
	Qtz veining					.30	C	3	60																										
						.68	QC	40	90																										
						.83	Q	60	65		270																								
						.17	C	15	60					↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓								
														10	15	5 -	20							1 -	1								
															25	10									3									
											271																	99%							
						.75	Q	20	60																										
						.80	Q	2	60																										
											272																	271.57							
						.38	C	2	50																										
						.55	C	3	60																										
											273																								
						.26	C	3	60																										
											274																								
																												274.62							
											275																								
						.22	Q	4	40																										
						.44	Q	3	75																										
											276																		99%	50265		0.007	.25			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN(UG)

HOLE No. 88-121 SHEET No. 36. OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Veins Metres	Veins Type	Veins Thickness mm	Veins Angle	Graphic-veins Meters	Hornblende %	Biotite %	Musc./Seric. %	Chlorite %	Carbonate %	Pyrrhotite %	Pyrite %	Meters Blocks	EST. Core Rec.
	QUARTZ DIORITE – CONT'D.					276	10	15	5	20		~	1–		
		.52	C	6	60			25		30		3			
	'Typical' f. gr'd phase cont'd.										MINOR, LOCALLY MOD (IN VEINS)				99%
		.87	C	8	50										
						277								277.67	
						278									
		.51	CQ	15	85										
						279									
		.09	C	3	40										
		.40	C	4	70										101%
						280									
		.09	C	15	40										
		.22	C	40	80									280.72	
						281									
		.25	CQ	7	60										
						282									
		.13	CQ	2	60										99%
		.41	Q	2	60										
		.58	CQ	3	30										
		.88	C	4	60										
						283								283.77	
						284	↓	↓	↓	↓	↓	↓	↓		

ASSAY

FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
50266		0.003	.11				
50267		0.001	.01				
50268		0.001	.01				
50269		0.001	.03				
50270		0.001	.01				
50271		0.001	.04				
50272		0.016	.56				
50273		0.001	.03				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JM(46) BB-121 | SHEET No. 37 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Metres	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Metres Blocks	EST. Core Rec.
	QUARTZ DIORITE - CONT'D.					.04	Q	5	45		284			10	15	5	20								1	1		
						.09	Q	9	45						25	10	30								3			
	'Typical' f. gr'd phase cont'd.					.18	QC	2	40																			
						.56	CQ	2	60																			
	Hbld increases rel. to biotite.										285																	
																												102%
											286																	
						.30	QC	40	80			1	2														286.82	
											287																	
											288																	
																												99%
											289																	
						.86	Q	1	40																			
						.91	QC	6	45		290																289.86	
											291																	
																												100%
											292																	

ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
50274			0.006	.21			
50275			0.001	.01			
50276			0.001	.02			
50277			0.001	.01			
50278			0.001	.02			
50279			0.005	.17			
50280			0.001	.01			
50281			0.001	.01			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(u6) 88-121 SHEET No. 38 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Metres
	QUARTZ DIORITE - CONT'D					292
	See description below.	.75	QC	10	45	
		.34	Q	3	45	293
		.49	Po	2	40	
		.69	C	3	30	
	QD (cont'd), fine to med gr. phase, weakly porphyritic, locally biotitic, quite chloritic [Qv ā asp →	.24	Q	7	50	294
		.39	Q	10	85	
		.48	Q	6	40	
		.55	Q	23	70	
	Qv ā po + py + tr cp	.66	Q	7	70	
	QCv ā po + py	.81	Q	20	45	
	QCv ā po + py + tr asp?	.10	QC	85	80	295
	Qv ā po + tr py	.60	Q	5	60	
	QC (chl) vning, irreg ā po	.89	QC	?	?	296
	QCv, barren	.96	QC	4	60	297
	Qv ā po + py	.07	Q	5	50	
	Qv ā po + py	.90	Q	3	60	298
	Qv ā po + py	.23	Q	4	75	
	QC (chl) v ā po	.49	QC	10	60	
	QC v, barren, vuggy	.58	QC	7	50	299

Interval	Hornblende %	Biotite %	Musc./Seric. %	Chlorite %	Carbonate %	Pyrrhotite %	Pyrite %
QD (cont'd)	3 to 5	5 to 7	2 to 3	25 to 30	1 to 2	Tr to 1	Tr

Meters Blocks	EST. Core Rec.	FROM SAMPLE No. TO	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
292.91		50282	0.005	.16			
		50283	0.01	.04			
		X					
	97%	50284	0.016	.54			
295.96		50285	0.053	1.83			
		50286	0.001	.02			
	102%	50287	0.001	.03			
299.01		50288	0.001	.01			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JW(UG)88-121 SHEET No. 39 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / % V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
								299.81									
	Qv w po + trpy		.87 Q 3 80	300						50289		0.001	.01				
	Qv w po + trpy + trcp?		.60 Q 12 90														
	Qv w po + py		.13 Q 5 50														
									99%	50290		0.005	.17				
	Qv w po + py? + VG		.05 Q 3 60	301													
				2 cm wide						50291		0.006	.22				
	Qv w po		.16 Q 5 40	302				302.06									
	Q(chl) v w po + py		.41 Q 7 25							50292		0.006	.20				
	Qv w po		.90 Q 7 50	303													
	Qv w po		.34 Q 40 80							50293		0.002	.07				
				304					102%								
	Qv w pc + py		.40 Q 2 70							50294		0.001	.05				
				305													
	Qv w po + py		.01 Q 5 60					305.10									
	Qv w po		.13 Q 5 60							50295		0.002	.07				
	Qv, barren		.90 Q 4 50	306													
	QCv w trpo		.14 Q 2 70														
	Qv w po		.32 Q 2 85						100%	50296		0.001	.02				
				307													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(06)88-12 | SHEET No. 40 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / % V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.
	307.00 – Porphyritic texture becoming prominent								
	Q(chl) v w po + tr py		.26 Q 3 70						
				308					
	Q v w po		.50 Q 7 70					308.15	
				309					
	Q v w po + py + tr cp?		.21 Q 2 40						
				310					100%
	Q v w po		.53 Q 5 90						
				311					
	Q v w po + tr py		.06 Q 4 40					311.20	
	Q chl + pink carb v w po + py		.08 Q 2 60						
	Q v w po + py		.63 Q 2 60						
				312					
	Q v w po + tr py		.09 Q 6 70						
				313					100%
	Q v w po + py		.05 Q 2 60						
	Q(chl) v w po + tr py		.25 Q 4 70						
				314					
								314.25	
	Q(chl) v w po + py + tr cp		.92 Q 5 85	315					

ASSAY: FROM / SAMPLE No. TO	Sample Length	Au oz/t	Au g/tonne	Au 2	Au 3		Ag
50297		0.001	.01				
50298		0.001	.02				
50299		0.003	.11				
50300		0.001	.01				
50301		0.001	.01				
50302		0.001	.03				
50303		0.001	.01				
50304		0.001	.01				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(04)88-121 | SHEET No. 41 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Fault	Veins: Meters / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / a.v.g. Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QD (cont'd) Fine to med qz, chloritic									50305		0.001	.02				
	Qv ☒ po + py Qv ☒ po + py + trccp Qv ☒ po + py Qv ☒ po		.58 Q 5 65 .75 Q 19 60 .82 Q 4 60 1.03 Q 5 60						101%	50306		0.001	.02				
								317.30		50307		0.001	.02				
										50308		0.001	.01				
	319.00 – 327.00 QD texture becomes somewhat vague due to pervasive chloritization from, still porphyritic		.26 Qv 2 40 .62 Q 4 40		30 to 35	Qc v, barren Qv ☒ po + trccp			100%	50309		0.002	.07				
	Qc chl v, barren Qc v, barren		.46 Qc 13 60 .50 Qc 10 30					320.34		50310		0.001	.02				
										50311		0.001	.01				
	Qc v, barren Qv ☒ po		.00 Qc 2 90 .45 Q 12 60						101%	50312		0.001	.02				

BEMA GOLD CORPORATION

PROPERTY HARRISON LAKE — HOLE No. JW(UG)88-121 — SHEET No. 42 OF 50

NTS. MAP GRID – 92 H 5

Graphic-veins meters	Rock Type and Textures – Colour, Alteration	Veins: Metres	Type	Thickness mm	Angle	% Chlorite	% Epidote	Meters Blocks	EST. Core Rec.
	QD (con't'd)							323.39	
324	QC v w̄ py + tr po	.04	QC	5	60				
	Qv w̄ po + py + tr cp	.66	Q	1	40				
325	325.00 – 327.00 occassional chloritic cm-scale xenos								100%
326	Qv w̄ po + tr cp	.70	Q	2	40			326.44	
327	327.00 - 328.50 med grained QD bleached & sericitic, QD texture faded. [QC v w̄ po + py + tr cp.	.00	QC	8	50	5 to 10	20 to 25		
	Qv, barren	.02	Q	2	50				
		.17	QC	8	70				
	Po fracture fill, irreg + tr py + tr cp	.49	Q	4	70				
	QC v, barren	.59	Po	8	75				
	Qv w̄ po + py, irreg & discont	.74	QC	2	80				99%
		.81	Q	2	?				
328	QC fracture fill, barren	.12	QC	2	80	2 to 3	30 to 35		
329								329.49	
330									

QC v w̄ po + py + tr cp
Q v ± po + py

ASSAY

FROM / SAMPLE No. / TO	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
50313	0.001	.03			
50314	0.001	.01			
50315	0.001	.01			
50316	0.001	.02			
X					
50317	0.004	.12			
50318	0.001	.02			
50319	0.001	.02			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. IN(06)BB-12 | SHEET No. 43 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G. Size V.G. mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Qv w po +py					.25	Q	5	55		331																	50320		0.004	.15				
	Qv w po+py					.55	Q	3	60																										
	Qv w po+py+tr cp					.87	Q	4	50																										
	331.00 – 333.30 QD fine grained still porphyritic, grades from above and below					.12	Q	2	60							Qv w po+py											101%	50321		0.001	.03				
	Qv w po +tr py					.34	Q	250			332															332.54		50322		0.001	.02				
	Qv w po +py					.64	Q	2	85		333																	50323		0.004	.13				
	Qv w po					.40	Q	5	40		334																84%	50324		0.004	.14				
											335															335.58		50325		0.002	.07				
	Qv w po					.80	Q	4	35		336																	50326		0.001	.04				
337.25 – 385.03	XENOLITHIC ZONE. Sericitic seds w local well defined banding (bedding) and short sections of calc-silicate, dissem and patchy po, veining is	40									337		X	X	X	X				X				X		101%	50327		0.001	.03				
											338																							

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(UG)88-121 | SHEET No. 44 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / a.v.g. Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	≤1% and is predominantly irreg and discont. Qtz-Carb and Carb veins.			339				338.63		50328		0.001	.02				
	339.50 – 341.00 well developed breccia w QD matrix, mm to cm-scale fragments Qv w po + cp, irreg & discont		97 Q	340						50329	1.0 m	0.001	.04				
				341					99%	50370	2.0 m	0.002	.07				
				342				341.68									
				343						50331	2.0 m	0.002	.06				
				344					100%								
	Qv w abund po + trcp		95 Q B 80	345				344.73		50332	2.0 m	0.001	.01				
	345.30 – 347.00 QD, mod grained w sods xenos, upper and lower contacts are irregular			346					99%								

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(06)88-121 | SHEET No. 45 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / e.V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Sericite	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
				347						50333	2.0 m	0.011	0.02				
	347.42 – 348.00 QD w/ hornfels xenos	40		348				347.78									
				349						50334	2.0 m	0.001	.01				
	349.10 – 349.60 Siliceous banding w/ patchy po Qv w/ abund po + trcp, irreg & discont.	20	15 Q	350					99%	50335	2.0 m	0.001	.01				
	350.12 – 350.57 well developed breccia w/ QD matrix			351				350.83									
				352					99%	50336	2.0 m	0.001	.01				
				353													
	353.15 – 354.00 QD w/ hornfels xenos, irregular contacts			354				353.87									

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JTV(UG) 88-121 | SHEET No. 46 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / g.v.s. Size V.G.mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Sericitic Seds / XENOLITHIC ZONE (cont'd			355						50337	2.0 m	0.001	101				
	355.30 – 358.80 Dark grey seds w abundant irreg and discont carbonate veining (5%), grades back into light grey seds		100 Q		Q ✓ w po, irreg & discont				91%								
				356						50338	2.0 m	0.001	.03				
				357				356.92									
	QC (chl) ving w po + tr cp, discontinuous		25 Q 8 60														
				358													
				359					103%	50339	2.0 m	0.001	.03				
				360				359.97									
				361						50340	2.0 m	0.001	.02				
	Qv w po + tr cp, irreg & discont		20 Q														
	361.37 – 361.55 Qv w sm amount (<1%) po + tr py, irreg and parallel to CA			362					102%								

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. SM(UG) 88-171 | SHEET No. 47 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles. Contacts	Angles. Bedding	Angles. Cleav./Foliat.	Angles. Faults	Veins. Metres	Veins. Type	Veins. Thickness mm	Veins. Angle	Graphic-veins. Generation	Graphic-veins. Meters	Graphic-veins. e.v.e.	Graphic-veins. Size V.G. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.
	Sericitic and hornfels seds / xenolithic zone contid, tr of garnet associated w Q-carb veins										363																363.02	
											364																		
	364.90 – 365.12 Breccia, hornfels xenos in QD matrix										365																	99%
											366																366.02	
	367.17 – 368.06 Breccia w hornfels & calc-silicate xenos in QD matrix	70									367																	101%
	368.56-369.70 Breccia w hornfels xenos in QD matrix, texture is faded ... by sericitic alteration										368																	
	369.00 – 378.00 Relatively more abundant calc-silicate sections w garnet mineralization										369							tr		tr to 1							369.11	
											370																	

ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
50341	2.0	0.001	.01				
50342	2.0	0.001	.01				
50343	2.0	0.001	.02				
50344	2.0	0.001	.01				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. SN(06)88-121 | SHEET No. 4/8 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Metres / o.v.s. / Size V.S.mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Metres Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
				371					99%	50345	2.0	0.001	.01				
				372				372.46		50346	2.0	0.001	.03				
	373.53 – 373.82 QD dyke, fairly felsic, faded texture	35		373					100%								
				374						50347	2.0	0.001	.04				
	375.00 – 379.80 Mottled and messy looking, up to 10% silica as cherty beds or perhaps local "sweats", weakly brecciated in places			375				375.21									
				376													
	Qv cpo +tr py, irreg.		70 Q ? 90	377					99%	50348	2.0	0.006	.21				
				378													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. JN(UG) 88-121 SHEET No. 49 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	% Hornblende	% Biotite	% Musc./Seric.	% Pyrrhotite	% Pyrite
	378.64 – 378.72 QD dyke, extremely vague texture, Felsic	50									
	Qv ≈ po + tr py + tr cp		380	Q	12	30					
385.03– 390.45	QUARTZ DIORITE, 3 phases present, one phase from 385.03 – 385.64 is somewhat felsic sericitic looking QD texture is extremely vague, this has	15 lower contact of two phases					5 to 10	5 to 7	35 to 40	Tr to ≤1	Tr

Meter marks: 379, 380, 381, 382, 383, 384, 385, 386

Meters Blocks	EST. Core Rec.
378.26	102%
381.30	100%
384.35	103%

ASSAY: Sample No.	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
50349	2.0 m	0.001	.02			
50350		0.001	.01			
50351		0.001	.01			
50352		0.001	.03			
50353		0.002	.07			
50354		0.001	.03			
50355		0.001	.05			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | JN(06)88-121 | HOLE No. _____ | SHEET No. 50 OF 50

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Meters	% V.G. Size V.G. mm.	% Hornblende	Biotite	Musc./Sericite	% Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.
	cut a dark fine grained porphyritic phase, this 2nd phase is chloritic and has both amphibole and feldspar porphocrysts, this phase includes xenos of a coarser grained dark QD phase, the dark fine grained feldspar & amphibole porphyritic phase makes up the majority of the interval					20	Q	7	15					Qv tr po + tr py													
						94	Q	2	60		387			Qv (chl) tr tr po													
						24	Q	5	80					Qv barren												387.40	
											388																
	Po fracture fill tr py					74	Po	1	60																		99%
											389																
											390																
390.45 EOH	Qv tr po + tr py, irregular * Last 20 cms of core are hornfels!					30	Q	40	?																	390.45 EOH	

ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
50356		0.001	.04				
50357		0.001	.03				
50358		0.001	.01				
50359	1.45	0.001	.02				
	EOH						
	390.45.						

BEMA GOLD CORPORATION

N.T.S. MAP GRID: 92 H 5 | DEPTH | DIP | AZ. | LENGTH: 94.79 metres | HOLE No.: JAN(16)88-122
LOCATION: JENNEL - SEASH #3 | 0 | +60° | 360 | ELEVATION: | PROPERTY: HARRISON LAKE | SHEET No. 1 of 12
DATE COLLARED: DEC. 14/88 | 85.3 | +59° | 358.5 | NORTHING: | CORE SIZE: NQ II | LOGGED BY: D.RILEY/B.ROWEN
DATE COMPLETED: DEC. 14/88 | | | | EASTING: | SCALE OF LOG: 1:50 | DATE: DEC. 15/88.

METERS FROM-TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: o/v.c.	Graphic-veins: Size V.C. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
0.00 – 17.00	QUARTZ DIORITE, mod greenish grey fine grained, equigranular, massive biotitic QD, top 1.59 metres are coarse grained amphibole QD, sharp contact between the two phases cut 40°, both QD's are fairly chloritic, po is finely dissem and ≈ qtz vns.					.00	Q	20	60		1.0			1 to 2	5 to 10	Tr to 1	20 to 25					2 to 3			Tr to 1	Tr			0.0							
																													1.0							
						.00	Q	7	70		2.0																		50362 2.0	1.0	0.009	.30				
	Qv ≈ fo + tr py					.30	Q	14	40																											
	QC(chl) v ≈ tr po					.49	QC	2	50		3.0																	90.9		50363 3.0	1.0	0.023	.78				
	↑ fracture fill ≈ tr po					.21	Qv	1	55																											
											4.0																			50364 4.0	1.0	0.010	.35				
	QC v, barren, wispy					.11	QC	5	20																		4.27									
	Qv ≈ tr po					.39	Q	3	20																					50365 5.0	1.0	0.003	.09				
											5.0																		98.7								
	5.79 – 6.20 XENOLITHIC ZONE xenos are highly chloritic																										5.79								
											6.0																			50366 6.0	1.0	0.014	.49				
	Qv ≈ fo + tr py					.80	Q	17	50		7.0																	98.7		50367 7.0	1.0	0.016	.56				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN(UG) 88-122 | SHEET No. 2 OF 12

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Meters	‰ V.G.	Size V.G. mm	%: Hornblende	Biotite	Musc./Seric.	%: Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	%: Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QD fine grained (cont'd)					.04	Q	4	50																		7.32		7.0							
																													50368	1.0	0.005	.16				
	Qv w̄ po + py					.90	Q	14	55		8.0																		8.0							
																												100								
																													50369	1.0	0.043	1.46				
	Pov w̄ py + VG					.61	Po	8	60		9.0	3	.01 .05														8.84		9.0							
																													50370	1.0	0.002	.08				
	Po fracture fill w̄ tr po					.85	Po	2	65		10.0																		10.0							
	Qv w̄ po + py					.04	Q	3	50																											
																												96.7	50371	1.0	0.011	.39				
											11.0																		11.0							
	Qv w̄ po + py + tr cp					.52	Q	2	30																				50372	1.0	0.024	.82				
											12.0																11.89		12.0							
																													50373	1.0	0.007	.23				
											13.0																		13.0							
	Qv w̄ po + py					.28	Q	7	40																											
																												100	50374	1.0	0.001	.03				
	Qv, barren, vuggy					.64	Q	3	30		14.0																		14.0							
	Qv w̄ po					.00	Q	4	40																											
																													50375	1.0	0.022	.76				
	Qv w̄ po + tr py					.70	Q	4	60		15.0																14.93		15.0							

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. SN(UG)88-122 SHEET No. 3 OF 12

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Meters	Graphic-veins: Size V.G. mm	% (Hornblende, Biotite, Musc./Seric., Chlorite, Carbonate, Pyrrhotite, Pyrite)	Meters Blocks	EST. Core Rec.
	QD (Fine gr. cont'd)									
	Qv w̄ po	.38	Q	2	65					
	Qv w̄ po + py	.49	Q	3	60					
	QC v, barren	.59	QC	4	30	16.0				100
									16.46	
						17.0				100
17.00 – 25.28	XENOLITHIC ZONE, QD							X X X X X X X		
	matrix is still fine grained,								17.37	
	biotitic, xenos are hornfels									
	seds and possibly some intrusive									
	frags(?). 17.30 – 18.60 QD w̄					18.0				
	cm scale hornfels xenos	.15	Q	6	60			Qbl w̄ po + tr py		
	18.40 – 18.60 irreg QC veining w̄									
	traces po									99.4
	18.60 – 19.00 hornfels xeno									
						19.0			18.90	
	19.00 – 19.30 QD									
	* 19.30 – 19.60 Qv w̄ abundant	.45	Q	300	35		.10			
	po + cp + *VG >100 counts									
	19.60 – 19.70 hornfels xeno									
	19.70 – 20.12 QD					20.0				100
	20.12 – 20.70 hornfels xeno									
									20.42	
	20.70 – 25.27 predominantly					21.0				
	hornfels xenos w̄ short sections									
	Fine grained QD									98.0
	Qv w̄ po + tr py	.78	Q	10	35	22.0			21.95	
	Qv w̄ po + tr cp	.37	Q	13	50					
	Qv w̄ po + tr cp	.46	Q	4	50					98.0
						23.0				

FROM	SAMPLE No.	TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
15.0	50376	16.0	1.0	0.029	1.01			
16.0	50377	17.0	1.0	0.011	.37			
17.0	50378	18.0	1.0	0.073	2.49			
18.0	50379	19.0	1.0	0.029	.98			
19.0	50380	20.0	1.0	1.668	57.20			
20.0	50381	21.0	1.0	0.005	.18			
21.0	50382	22.0	1.0	0.005	.18			
22.0	50383	23.0	1.0	0.005	.17			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. 5N(UG)88-122 | SHEET No. 4 OF 12

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Metres / A.V.G. Size V.G. mm.	% Hornblende / Biotite / Musc./Sericite	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
				23.0				23.47		23.0 50384 24.0	1.0	0.004	.15				
	24.00 – 25.28 Breccia, mm to cm scale hornfels xenos in QD matrix, QD texture is very faded			24.0				24.08	73.8	50385 25.0	1.0	0.015	.53				
25.28 –	QUARTZ DIORITE, Fine to med grained, still biotitic, equigranular, same phase as above QD		38 Qx 3 30	25.0	2 5 Tr 20 to to to to 3 10 1 25	2 to 3	Tr to 1 Tr	25.60	97.4	50386 26.0	1.0	0.002	.07				
	Qv w po ± tr py		85 Q 3 15	26.0						50387 27.0	1.0	0.027	.92				
				27.0				27.13	99.4								
	Qv w po ± tr py		10 Q 10 20 5	28.0 2 .01						50388 28.0	1.0	0.052	1.78				
	Qv w diss po		65 Q 2 0 70					28.65	100	50389 29.0	1.0	0.099	3.41				
	Qv w abund po + tr py, irregular		80 Q 15 5 20	29.0													
	Qv w po ± tr cp ± VG		10 Q 3 1 35 5	3 .01 .05													
	29.15 – 29.37 Felsic porphyritic dyke, irreg contact																
	Po fracture fill ± py		72 Po 2 45	30.0				30.18	99.4	50390 30.0	1.0	0.013	.44				
	Qv, barren		40 Q 3 60	31.0					99.7	50391 31.0	1.0	0.009	.31				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

SNUG 88-122

HOLE No. ______ SHEET No. 5 OF 12

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic: Meters	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	Meters Blocks	EST. Core Rec.
	Qv w̄ po + tr py		.08	Q	3	70							
	31.10 - 31.15 irregular, amygdaloidal												
	/porphyritic Dioritic dyke											31.70	98.7
	31.62 - 32.75 Dioritic dyke	10											
	same as above						32.0						
	32.75 - 33.47 Dioritic, amyg.												
	dyke runs parallel to CA												98.7
							33.0					33.22	
	Qv w̄ po		.30	Q	9	60							
							34.0						94.8
Phase change	34.90 - 37.80 med to coarse											34.75	
	grained amphibolitic QD						35.0	3 to 5	3 to 5	tr to 1	15 to 20		
	Qv w̄ po + py + tr cp		.30	Q	11	60							
	Qv w̄ po		.79	Q	12	60	36.0						97.4
	Qv, barren		.37	Q	4	50						36.27	
							37.0						
	QC v, barren		.06	QC	4	30							92.8
Phase change	37.80 - 40.10 very fine grained							≤1	10 to 15	2 to 3	10 to 15	37.80	
	biotitic QD						38.0						
							39.0						97.4

ASSAY

FROM	SAMPLE No.	TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
31.0	50392	32.0	1.0	0.004	.12			
	50393	33.0	1.0	0.001	.03			
	50394	34.0	1.0	0.008	.26			
	50395	35.0	1.0	0.011	.38			
	50396	36.0	1.0	0.016	.55			
	50397	37.0	1.0	0.015	.50			
	50398	38.0	1.0	0.012	.42			
	50399	39.0	1.0	0.006	.22			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 PROPERTY HARRISON LAKE HOLE No. JN(06)88-122 SHEET No. 6 OF 12

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / % V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Sericite	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	Qv w abund po + py		.32 Q 8 60					39.32		39.0 50400 40.0	1.0	0.005	.18				
Phase Change	40.10 – coarse gr. "typical" Sooner stock QD, porphyritic			40.0	3 2 1 30 to to to to												
	Qv w po		.53 Q 2 40		5 3 2 35				100	50401 41.0	1.0	0.012	.40				
	Qv w po + tr py		.72 Q 6 60	41.0				40.84									
										50402 42.0	1.0	0.004	.15				
	42.16 – 42.34 1cm wide felsic dykes at 20° to CA			42.0					98.0								
								42.37		50403 43.0	1.0	0.008	.26				
	Qv w po + py + tr VG		.01 Q 5 70	43.0 1.10					97.3	50404 44.0	1.0	0.009	.32				
								43.84									
	Po fracture fill w py		.37 Po 2 70							50405 45.0	1.0	0.046	1.56	**			
	Qv w po + py		.64 Q 3 60						95.4								
	Qv w disseminated po		.76 Q 4 70	45.0													
								45.41		50406 46.0	1.0	0.013	.45				
	Qv w po		.06 Q 5 70	46.0													
	Qv w po + tr py + tr VG		.74 Q 25 60						100	50407 47.0	1.0	0.042	1.43	**			
				47.0				46.94									

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN(UG)88-122

HOLE No. _____ SHEET No. 7 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / e.v.g. / Size V.G. mm.	% Hornblende / Biotite / Musc./Seric.	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gms/tonne	Au 2	Au 3		Ag
	QD (cont'd)			48.0													
	Qv w po + trcp		85 Q 9 70	49.0													
	Po fracture fill w py Qv w po + py LWG		37 Q 4 50 48 Q 4 70	12 .01 .10													
	Qv w po Qv w trpo Q(fcnt) v w trpo		23 Q 3 70 45 Q 40 40 66 QC 44 30	50.0 51.0													
	CONT'D ON P. 7.			52.0 53.0													
				54.0													
				55.0													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 PROPERTY HARRISON LAKE HOLE No. Inlet 88-122 SHEET No. 1 OF 12

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.G.	Graphic-veins: Size V.G. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE – cont'd.										47			40	5-10	15	20-30								1-3	1			47.0							
	'Typical' coarse grained Hbl-Bi phase – cont'd.										48																	100	50408 48.0	1.0	0.005	.18				
						.85	Q	9	70		49											Au 0.2						48.46		50409 49.0	1.0	0.005	.17				
						.37	Q	4	50		50	12	1-10															94.1	50410 50.0	1.0	0.123	4.21				
						.48	Q	4	70																		49.99								
						.23	Q	3	70		51																			50411 51.0	1.0	0.273	9.36	**			
						.05	Q	40	70																			100							
						.66	QC	44	30																		51.51								
						.35	Q	5	50		52																			50412 52.0	1.0	0.015	.51				
						.70	Q	4	30		53																	99.4		50413 53.0	1.0	0.006	.21				
						.56	Q	2	45																		53.04								
						.70	Q	2	45		54	1	<1															97.4	50414 54.0	1.0	0.008	.26				
						.10	Q	12	90																		54.56								
						.18	Q	9	60																										
						.30	Q	60	60			10	<1																						
						.66	Q	4	70		55			V	V	V	V					V			V	V			50415 55.0	1.0	0.009	.32				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 PROPERTY HARRISON LAKE HOLE No. JN(UG) 88-122 SHEET No. 8 OF 12

METERS FROM – TO	Rock Type and Textures – Colour, Alteration	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Metres	# V.G.	Size V.G. mm	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Carbonate	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
	QUARTZ DIORITE – CONT'D.					55			40	5–10	<5	20–30		1–3	1			55.0						
	'Typical' csc grained Hbld (Bi) phase – Cont'd.																99.3	50416	1.0	0.006	.21			
						56										56.08		56.0						
		.33	Q	3	40								MINOR					50417	1.0	0.004	.14			
						57												57.0						
		.32	Q	10	55												100							
		.36	Q	20	55		11	<.1																
	@ 57.56: V.G. smeared out on Chl. slip.	.56	Q	40	55		60	<.1								57.61		50418	1.0	0.139	4.78			
						58												58.0						
		.33	Q	10	45																			
		.38	Q	7	45												100	50419	1.0	0.023	.79			
						59										59.13		59.0						
		.00	Q	30	60		3	.1																
		.56	Q	6	65													50420	1.0	0.006	.20			
		.62	Q	10	65																			
						60												60.0						
		.03	Q	3	60												100							
		.26	Q	3	60																			
		.38	Q	6	45	×2	40	<.1										50421	1.0	0.054	1.84	**		
		.50	Q	8	50	×2	3	<.1								60.66								
		.85	QC	10	60	61												61.0						
		.77	Q	20	50		10	.1									100	50422	1.0	0.038	1.30			
						62										62.18		62.0						
		.58	Q	3	30																			
		.69	Q	4	50												100	50423	1.0	0.012	.40			
						63			↓	↓	↓	↓	↓	↓	↓			63.0						

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 PROPERTY HARRISON LAKE HOLE No. 88-122 SHEET No. 9 OF 12

Jn(ual)

METERS FROM – TO	Rock Type and Textures – Colour, Alteration	Meters Blocks	EST. Core Rec.	FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE – CONT'D. 'Typical' cse-grained Hbld (bi) phase	63.70	100	63.0 50424 64.0	1.0	0.045	1.55				
	64.40–64.80: Locally cse. Hbld segregations within QD.		99.4	50425 65.0	1.0	0.014	.49				
		65.23		50426 66.0	1.0	0.001	.03				
		66.75	98.7	50427 67.0	1.0	0.001	.01				
			98.7	50428 68.0	1.0	0.018	63				
		68.28		50429 69.0	1.0	0.032	1.11				
	@69.15: 7mm aplite dykelet @ 20° Ca.	69.80	94.7	50430 70.0	1.0	0.047	1.62	**			
			97.4	50431 71.0	1.0	0.008	.29				

Veins (Metres / Type / Thickness mm / Angle), Graphic-veins, %:

Metres	Type	Thickness mm	Angle	Meters (graphic)	# V.G.	Size V.G. mm	Hornblende	Biotite	Musc./Seric.	Chlorite	Carbonate	Pyrrhotite	Pyrite
.18	Q	8	50	63			40	5–15		20		1–	1
.44	Q	3	40		15	<.1		10		30		3	
.25	Pb	2	70	64									
.36	Q	1	45	65							Minor		
.56	Q	14	60										
.80	Q	35	50										
.42	Q	1	60	66									
.54	Q	2	60										
.39	Q	10	40	67	3	.1							
.46	Q	3	40										
.60	Q	18	55	68	6	<.1							
.25	Q	10	50	69									
				70–71			↓	↓	↓	↓	↓	↓	↓

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. 3N(UG)88-122 SHEET No. 10 OF ___

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Metres	# V.G.	Size V.G. mm.	%: Hornblende	Biotite	Musc./Seric.	%: Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	%: Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
											72.0																									
											73.0																									
	(6"6') 6"10 10' pp6" 2"										74.0																									
											75.0																									
											76.0																									
	Q(chl) v w̄ po + tr py + *VG					.12	Q	4	70			20	.10																							
	Qv, barren					.15	Q	7	85																											
	Qv w̄ po + py + *VG					.88	Q	27	50		77.0	10																								
	77.46-77.79 Felsic dyke	30																																		
											78.0																									
	Qv w̄ po + tr cp					.34	Q	15	70																											
	Qv w̄ po + tr py + *VG					.63	Q	20	80			2	.05																							
											79.0																									

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 PROPERTY HARRISON LAKE HOLE No. JN/461 88-122 SHEET No. 10 OF 12

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Metres	Graphic-veins: o.v.c.	Graphic-veins: Size V.C.mm.	% Hornblende	% Biotite	% Musc./Seric.	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE - CONT'D.										71			40	5-	45	20								1-	1	71.32		71.0							
	'Typical' coarse-grained Hbld (Bi) phase.					.65	Q	7	65			1	C.1		10		30								3				50432	1.0	0.047	1.62				
						.70	Q	7	50		72																		72.0							
																												98.0							
											73																	72.85		73.0	1.0	0.002	.08				
						.95	Q	3	50		74											Hyd.							100	50434	1.0	0.010	.34				
																														74.0						
																												74.37							
											75																			50435	1.0	0.016	.56				
																														75.0						
																													100							
											76																	75.90		50436	1.0	0.006	.22				
																														76.0						
						.17	Q	4	70			20	Qtz .17																								
						.41	Q	7	85																												
						.88	Q	27	50			40																									
											77																		100							
	77.46 – 77.79: felsic dyke	30																										77.62							
											78																			50438	1.0	0.312	10.70				
																														78.0						
						.34	Q	15	70																												
						.63	Q	20	80			2	.05																								
											79			↓	↓	↓	↓					↓			↓	↓		78.94								

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. SN/06)88-122 | SHEET No. 4 OF 12

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts / Bedding / Cleav./Foliat. / Faults	Veins: Metres / Type / Thickness mm / Angle	Graphic-veins: Generation / Meters / % V.G. / Size V.G. mm.	% Hornblende / Biotite / Musc./Sericite	% Chlorite / Epidote / Gypsum / Garnet / Clay / Carbonate	% Chalcopyrite / Arsenopy / Pyrrhotite / Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QD (cont'd)			79.0						79.0							
										50440 80.0	1.0	0.005	.16				
	Qv w po + Py + VG		12 Q 27 60	80.0					98.7								
								80.47		50441 81.0	1.0	0.077	2.64	**			
	Qv w po + Py		63 Q 4 35	81.0													
									100	50442 82.0	1.0	0.004	.12				
	Qv w po + Py		94 Q 8 60	82.0				81.99									
										50443 83.0	1.0	0.012	.42				
									100								
	Qv w po + Py		54 Q 16 [illegible]	83.0				83.52		50444 84.0	1.0	0.25	.84				
				84.0													
	E4.18 cm-scale hornfels xeno							84.43	92.3	50445 85.0	1.0	0.010	33				
	Qv w po + Py + tr cp + VG		24 Q 78 60	85.0	2 .105												
	Qv w po + tr cp + VG		39 Q 25 00		30 .01 .10				100	50446 86.0	1.0	0.397	13.62				
				86.0				85.95									
	2-3 cm Set. envelope on cont. w/hs. @ 86.29 and 86.37		29 C 6 60 37 C 4 70														
	@ 86.15: Frag of dk. grey fine pot. phase included in re-veined phase.								99.4	50447 87.0	1.0	0.008	.29				
				87.0													

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 PROPERTY HARRISON LAKE

HOLE No. 88-122 (JN(46)) SHEET No. 12 OF 12

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.
	QUARTZ DIORITE – Cont'd.
	Typical cse. gr'd (Hbld) Bi phase – cont'd.
	89.0 – 94.79 (E.O.H.) F. gr'd Hbld – Bi phase similar to 'typical' f. gr'd phase (Biotitic). Change from cse – f. gr'd fairly abrupt @ 89, but contact vague.
	91.1 – 91.6 : Bx'd w/ Qtz ; minor HE frags in Qtz matrix.
	* Much V.G. in veins from 92 – 93.
	END of HOLE @ 94.79 metres.

Veins (Metres / Type / Thickness mm / Angle) and graphic log:

Metres	Type	Thickness mm	Angle	Graphic-veins Meters	# V.G.	Size V.G. mm
.37	C	6	50	87		
.48	Q	5	55			
.98	C	2	50	88		
.14	C	3	55			
.36	C	5	60			
.40	Q	2	60		15	<.1
.43	Q	2	50	89		
.44	Q	1	45	90		
.53	Q	1	80			
.87	Q	1	60	91		
.29	Q	3	50	92	12	<.1
.33	Q	15	50		75	<.1
.50	Q	20	10		55	<.1
.73	Q	2	45			
.90	Q	15	30	93	3	.1
.06	Q	3	55	94		
				94.79		

Minerals (%) and core:

Interval	Hornblende	Biotite	Musc./Seric.	Chlorite	Carbonate	Pyrrhotite	Pyrite
87	40	5	5±	20		1-	1
		10		30		3	
89	20	10	5	20	Minor to tr. HCl as VLTS		
	25	15					

Meters Blocks	EST. Core Rec.
87.48	
89.00	100
90.53	98.0
91.13	100
92.66	92.8
94.18	87.5
94.79	73.8

ASSAY

FROM	SAMPLE No.	TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
87.0	50448	88.0	1.0	0.006	.19				
88.0	50449	89.0	1.0	0.016	.54				
89.0	50450	90.0	1.0	0.006	.21				
90.0	50451	91.0	1.0	0.010	.33				
91.0	50452	92.0	1.0	0.016	.54				
92.0	50453	93.0	1.0	2.03	69.00				
93.0	50454	94.0	1.0	0.013	.45				
94.0	50455	94.79	0.79 m.	0.006	.20				
E.O.H.									

BEMA GOLD CORPORATION

JN/ws !

N.T.S. MAP GRID: 92 H 5
LOCATION: Jennah · [illegible] #2
DATE COLLARED: Dec. 16/88
DATE COMPLETED: Dec. 17/88

DEPTH: 0 | DIP: +90° | AZ.: —
No surveys taken

LENGTH: 56.39 metres.
ELEVATION: 1916
NORTHING: 9484.0 N
EASTING: 11242.3

PROPERTY: HARRISON LAKE
CORE SIZE: NQ II.
SCALE OF LOG: 1:50.

HOLE No.: 88-123
SHEET No. 1 of 7
LOGGED BY: B. K. Bowen
DATE: Dec. 17/88'

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.
0.0 – 45.25	Quartz diorite. Med-grey col'd f. gr'd phase. Mafics Bi & Hbld, diff. to determine relative amounts because of mod. perv. Chl-Ser alt'n. Po (Py) diss'd 2-4%.

Veins

Metres	Type	Thickness mm	Angle	Graphic-veins Metres	V.G.	Size V.G. mm
.52	Q	65	85	0	12	.1
.41	Q	6	70			
.70	Q	7	60			
.20	QC	2	30			
.30	Q	4	45		15	.1
.38	Q	25	65			
.53	Q	10	45		3	.1
.87	Q	6	60			

%

Hornblende	Biotite	Musc./Seric.	Chlorite	Carbonate	Pyrrhotite	Pyrite
20?	20?	10–15	20–25	Minor	2–3	1½

ASSAY

Meters Blocks	EST. Core Rec.	FROM – SAMPLE No. – TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
		0 – 50456 – 1	1.0	0.072	2.48				
	96.1	1 – 50457 – 2	1.0	0.008	0.26				
3.05		2 – 50458 – 3	1.0	0.002	0.07				
	97.4	3 – 50459 – 4	1.0	0.001	.01				
4.57		4 – 50460 – 5	1.0	0.058	1.98	**			
	97.4	5 – 50461 – 6.0	1.0	0.050	1.73				
6.10	100	6.0 – 50462 – 7.0	1.0	0.001	.04				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. 88-123 SHEET No. 2 OF 7

Rock Type and Textures – Colour, Alteration.

QUARTZ DIORITE – CONT'D.

F. grd phase – Cont'd.

Veins

Metres	Type	Thickness mm	Angle	Graphic-veins #V.G.	Size V.G. mm.
7.62	Q	20	55	3	.1
7.74	Q	3	50		
8.41	Q	3	50		
8.78	Q	3	70		
9.09	Q	3	85		
9.23	Q	3	55	2	.1
9.38	Q	4	60		
9.63	Q	12	65		
9.84	Q	4	65		
10.95	Q	5	70	1	<.1
11.34	Q	10	70	20	<.1
12.13	Q	8	60		
13.11	Q	4	55		
13.36	Q	3	60		
13.53	Q	7	60		
14.44	Q	4	60		

% Hornblende 20, Biotite 20, Musc./Seric. 10–15, Chlorite 20–25 (to 15.0 ↓); Carbonate: MINOR (↓); Pyrrhotite 2–3 (↓), Pyrite 1 (✓)

Meters Blocks	EST. Core Rec.
7.62	100
9.14	95.4
10.67	100
12.19	100
13.72	99.4
	100

ASSAYS

From	Sample No.	To	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
7.0	50463	8.0	1.0	0.032	1.09				
8.0	50464	9.0	1.0	0.003	.11				
9.0	50465	10.0	1.0	0.085	2.93				
10.0	50466	11.0	1.0	0.017	.58				
11.0	50467	12.0	1.0	0.099	3.40				
12.0	50468	13.0	1.0	0.018	.60				
13.0	50469	14.0	1.0	0.006	.20				
14.0	50470	15.0	1.0	0.004	.14				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. Initial 88-123 | SHEET No. 3 OF 7

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Angles: Bedding	Angles: Cleav./Foliat.	Angles: Faults	Veins: Metres	Veins: Type	Veins: Thickness mm	Veins: Angle	Graphic-veins: Generation	Graphic-veins: Meters	Graphic-veins: % V.S.	Graphic-veins: Size V.S. mm.	% Hornblende	% Biotite	% Musc./Sericite	% Chlorite	% Epidote	% Gypsum	% Garnet	% Clay	% Carbonate	% Chalcopyrite	% Arsenopy	% Pyrrhotite	% Pyrite	Meters Blocks	EST. Core Rec.	ASSAY FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE - Cont'd.					29	Q	6	65		15			20	20	10	20							2	1	15.24		15.0							
	Fg'd phase - Cont'd.					49	Q	3	65							15	25							3				50471	1.0	0.005	.17				
						98	Q	2	70		16																			16.0							
						20	Q	12	65																			16.76	98								
						83	Q	7	45																					50472	1.0	0.006	.19				
						49	Q	12	80		17											Hyd.								17.0							
						85	Q	5	40			1.1																									
						90	Q	5	40		18																			50473	1.0	0.079	2.70				
						04	Q	3	60																			18.29	100	18.0							
						57	Q	3	60																												
						64	Q	2	45		19																			50474	1.0	0.027	.93				
																														19.0							
						61	Q	2	50																			19.81	98.7	50475	1.0	0.008	.26				
											20																			20.0							
						67	Q	2	35																					50476	1.0	0.001	.05				
						87	Q	4	55																					21.0							
						35	Q	3	45		21																										
						77	Q	80	65			5.1																									
						95	Q	2	25																			21.34	100	50477	1.0	0.023	.78	**			
											22																			22.0							
						02	Q	1	55																					50478	1.0	0.015	.50				
						08	Q	2	40																					23.0							
						13	Q	61	80			5.7																									
						21	Q	17	50																												
						90	Q	2	60		23																	22.26									

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5 | PROPERTY HARRISON LAKE | HOLE No. JN (UG) BB-123 | SHEET No. 4 OF 7

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.	Angles: Contacts	Bedding	Cleav./Foliat.	Faults	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Generation	Meters	a.v.g.	Size V.G. mm.	% Hornblende	Biotite	Musc./Seric.	% Chlorite	Epidote	Gypsum	Garnet	Clay	Carbonate	% Chalcopyrite	Arsenopy	Pyrrhotite	Pyrite	Meters Blocks	EST. Core Rec.	ASSAY: FROM SAMPLE No. TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
	QUARTZ DIORITE – CONT'D.					.05	Q	120	65	23		3	.1	20	20	5	15								2	1			23.0							
	F. gr'd phase – cont'd.					.22	Q	10	65			5	.1			10	20								3				50479	1.0	0.201	6.89	**			
						.29	Q	2	55																				23.0							
						.46	Q	40	50	5		5	.1																							
						.76	Q	6	60		24	2	1.1																96.1							
						.01	Q	4	55			1	1.1																							
																												24.38								
						.92	Po	1	50		25												Mineral.							50480	1.0	0.002	.06				
																														25.0							
																													98.0							
						.91	QC	5	80			1	1.1															25.91		50481	1.0	0.008	.29				
											26																			26.0							
						.18	Q	10	60																											
																													100							
											27																			50482	1.0	0.013	.44				
																														27.0							
																												27.43								
						.24	Q	5	50																					50483	1.0	0.014	.49				
											28																			28.0							
																													90.9							
						.92	Q	10	70																					50484	1.0	0.033	1.13				
						.96	Q	2	70		29																	28.96		29.0							
						.71	QC	3	45																											
						.86	Q	9	75																											
						.94	Q	2	45		30																		100		50485	1.0	0.009	.31				
																														30.0							
																												30.48							
																														50486	1.0	.02	0.001				
											31																			31.0							

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. Jn/vsl 88-123 SHEET No. 5 OF 7

METERS FROM – TO	Rock Type and Textures – Colour, Alteration	Veins: Metres	Type	Thickness mm	Angle	Graphic-veins: Meters	⊕ V.G.	Size V.G. mm	Hornblende %	Biotite %	Musc./Seric. %	Chlorite %	Carbonate %	Pyrrhotite %	Pyrite %	Meters Blocks	EST. Core Rec.
	QUARTZ DIORITE-CONT'D	.03	Q	8	45	31	11	.1	20	20	5	15		1	1		
		.50	C	2	15						10	20		3			
	F. gr'd phase – cont'd.	.67	QC	10	35												
		.88	C	2	45												98.0
						32										32.00	
		.44	Q	8	45		15	.1									
						33							minor				99.4
		.65	QC	2	50											33.53	
						34											
	Past 35, slight increase in average grain size but still sim. to f. gr'd phase.																100
						35										35.05	
		.90	Q	25	60	36											
		.09	Q	7	80												98.7
	36.45 – 36.75: Hornfels xenolith.	.36	Q	18	80											36.57	
						37											
	37.20 – 37.70: Bx'd hornfels – xenolith. Qz matrix to hornfels frags.																98.0
						38										38.10	
		.22	Q	3	60												
		.73	Q	12	60												96.0
						39	↓		↓	↓	↓	↓	↓	↓	↓		

ASSAY

FROM	SAMPLE No.	TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3	Ag
31.0	50487	32.0	1.0	0.101	3.47			
	50488	33.0	1.0	0.098	3.35			
	50489	34.0	1.0	0.004	.15			
	50490	35.0	1.0	.006	.19			
	50491	36.0	1.0	.015	.51			
	50492	37.0	1.0	0.001	.03			
	50493	38.0	1.0	0.001	.04			
	50494	39.0	1.0	0.007	.23			

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

JN(#6)

HOLE No. 88-123 SHEET No. 6 OF 7

METERS FROM – TO	Rock Type and Textures – Colour, Alteration.
	QUARTZ DIORITE – CONT'D.
	39.45 – 40.70: Dark grey feldspar porphyritic dyke, upper & lower contacts sharp @ 40° CA.
	42.20 – 43.45: Still QD, but a bit dker, poss. contamination effect from proximity to xenolith.
	@ 43.25: QC. vH. w/ AsPy.
	43.45 – 43.90: Bt'd hornfels xeno, granitized w/ fspar poikilytic matrix locally.
45.25 – 52.20	HORNFELS: Dk grey to blk., weakly bt'd, locally clots epidote, granitized in part, locally x-cut by dikelets QD.

Angles: Contacts 40

Veins (Metres / Type / Thickness mm / Angle):

Metres	Type	Thickness mm	Angle
.71	Q	6	55
.02	Q	3	50
.09	Q	5	55
.38	Q	2	50
.16	Q	2	60
.25	Q	4.5	70
.63	Q	11	80
.39	Q	8	70

Graphic-veins: # V.G. 5, Size <.1; # V.G. 3, Size .1

Metres: 39, 40, 41, 42, 43, 44, 45, 46, 47

%: Hornblende 20; Biotite 20; Musc./Seric. 5– / 10; Chlorite 15 / 20; Carbonate minor

%: Pyrrhotite 1– / 2; Pyrite 1 (to 45.25); Pyrrhotite 2– / 3; Pyrite 1–2 (from 45.25)

Meters Blocks: 39.62, 41.15, 42.67, 44.20, 45.72

EST. Core Rec.: 100, 99.3, 99.4, 100, 97.4

FROM / SAMPLE No. / TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
39.0 / 50495 / 40.0	1.0	0.216	7.42				
50496 / 41.0	1.0	0.290	9.94	**			
50497 / 42.0	1.0	0.027	.92				
50498 / 43.0	1.0	0.008	.27				
50499 / 44.0	1.0	0.027	.93				
50500 / 45.0	1.0	0.020	.69				
50501 / 46.0	1.0	0.001	.02				
50502 / 47.0	1.0	0.001	.03				

BEMA GOLD CORPORATION

NTS. MAP GRID – 92 H 5

PROPERTY HARRISON LAKE

HOLE No. BB-123 (Jul '8?) SHEET No. 2 OF 2

Log: Meters, Rock Type and Textures, Colour, Alteration

METERS FROM – TO	Rock Type and Textures – Colour, Alteration
	HORNFELS – Cont'd.
	@ 48.30: H2 – Carb – Gt – Po VA.
	@ 50.20 – 50.30: Intensely broken core, rusty – fault zone.
	50.50 – 50.90: 'Punky' limonitic gouge – solid core, but looks like fault zone. @ 20° CA. Includes vuggy carbonate veining.
	51 – 52.20: Strongly hybridized, locally Bx'd.
52.20 – 54.86	QUARTZ DIORITE
	F. gr'd [illegible] as above. Several HF xenos included.
	END OF HOLE @ 54.86 metres.

Angles, Veins, Minerals (%)

Depth (approx.)	Faults	Veins: Metres	Type	Thickness mm	Angle	Hornblende	Biotite	Musc./Seric.	Chlorite	Carbonate	Pyrrhotite	Pyrite
48.30		.30	Q	20	45							
48.40		.40	Q	4	75							
50.50	20											
52.20						20	20	5–	15–	MINOR	1–	1
52.4								10	20		3	
53.33		.33	Q	3	75							
53.29		.29	Q	7	70							
54.20		.20	Q	10	70							

Meters scale: 47 – 48 – 49 – 50 – 51 – 52 – 53 – 54 – 54.86

Meters Blocks, Est. Core Rec. and Assay

Meters Blocks	EST. Core Rec.
47.24 – 48.77	100
48.77 – 50.29	82.9
50.29 – 51.82	100
51.82 – 53.34	95.4
53.34 – 54.86	67.8
54.86 – 56.39	N/A

FROM / SAMPLE No. / TO	Sample Length	Au oz/t	Au 1 gm/tonne	Au 2	Au 3		Ag
50503 / 48.0	1.0	0.001	.02				
50504 / 49.0	1.0	0.002	.06				
50505 / 50.0	1.0	0.005	.17				
50506 / 51.0	1.0	0.018	.62				
50507 / 52.0	1.0	0.076	2.60				
50508 / 53.0	1.0	0.022	.77				
50509 / 54.0	1.0	0.014	.48				
50510 / 54.86	.86M	0.021	.73				