

FROM TO (meters)		DESCRIPTION	SAMPLE			ASSAYS				
NO.	FROM	TO	TOTAL	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm		
0	2.44	overburden								
2.44	6.40	silicified, med. grained; sed or volcanic; light gray colour, with calcite porphyry & dessem. pyrrht; rock is magnetic as well; minor interbedded basalt also								
6.40	7.62	diabase, med to coarse grained; dessem. pyrite; calcite amygduals; magnetic								
7.62	13.82	diabase; with some dessem pyrite & is also magnetic								
13.82	19.71	diabase; coarse grained; silicious; dessem. pyrite; magnetic								
19.71	25.77	continued diabase; coarse grained; some dessem. pyrite; magnetic								
25.77	30.53	continued diabase; same as above								
30.53	36.40	continued diabase; same as above								
36.40	42.27	continued diabase; same as above								
42.27	48.13	continued diabase; same as above								
48.13	53.80	continued diabase; same as above								
53.80	59.66	continued diabase; same as above								

D R I L L L O G R E C O R D

PROPERTY: Lake Bond HOLE NO.: LB-89-11 DATE: 02/19/89 SHEET NO.: 2

FROM	TO (meters)	DESCRIPTION	SAMPLE				ASSAYS				
			NO.	FROM	TO	TOTAL	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
59.66	63.40	diabase-med. grained; getting finer grained as you get nearer the lower contact contact not really visible									
63.40	65.23	fine grained; basalt; magnetic; some quartz & epidote veins with minor calcite									
65.23	70.82	pillow basalt; with numerous quartz veins; calcite veinlets; & calcite veinlets; also carbonatious alteration not mineralized									
70.82	76.76	continued pillow basalt; calcite veins, amygduals & stringers; also some quartz veins; magnetic;									
76.76	81.99	continued basalt; same as above									
81.99	87.88	continued basalt; a bit more quartz veinlets; & veins; also has abundant calcite veins & amygduals; minor pyrite with quartz veins									
87.88	93.57	some basalt; grades into a tuff or sed. becomes more silicious; has numerous calcite veins & amygduals; also numerous quartz blobs & veinlets; also has dessem. pyrite (5 percent to 10 percent) with local concentrations of about 40 percent	48-112-89	88.37	89.26	0.89	<5, 1.4,	240,	1600,	4800	
			48-113-89	89.26	90.68	1.42	<5, 0.3,	38,	300,	260	
			48-114-89	90.68	92.18	1.50	<5, 0.2,	51,	1100,	1200	
			48-115-89	92.18	93.60	1.42	<5, 0.4,	55,	1600,	2000	

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 PROPERTY: Lake Bond HOLE NO.: LB-89-11 DATE: 02/19/89 SHEET NO.: 3

FROM	TO (meters)	DESCRIPTION	NO.	SAMPLE			ASSAYS				
				FROM	TO	TOTAL	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
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93.57	99.16	Dark black or brown tuff or sediment; fine grained with abundant pyrite & possibly sphalerite (brown, streaks brown mixed with pyrite; minor chert interbedded. concentration of sulphides = 30 percent to 40 percent stockwork-dessem. & veins some slickensides are also present near first of zone calcite veinlets also	LB-116-89	93.60	94.92	1.32	<5	0.5	230	1200	6200
			LB-117-89	94.92	96.37	1.45	<5	0.9	760	320	40000
			LB-118-89	96.37	97.69	1.32	<5	0.9	700	22	44800
			LB-119-89	97.69	99.16	1.50	<5	2.2	1400	46	65000
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99.16	111.25	continued mineralization zone; tuff or sediment; sulfides = 30 percent to 40 percent in most places with some local zones = 5 percent to 10 percent numerous quartz veins & calcite veins. (local lamination = 40 degrees to core axis) seems to be an appearance of chalcopyrite assoc. with the brown sulphide	LB-120-89	99.16	100.91	1.75	<5	1.5	690	50	30000
			LB-121-89	100.91	102.41	1.50	<5	0.3	240	17	18200
			LB-122-89	102.41	103.81	1.40	<5	<0.2	270	13	20500
			LB-123-89	103.81	105.31	1.50	<5	<0.2	260	9	15900
			LB-124-89	105.31	106.68	1.37	<5	0.5	1300	19	34000
			LB-125-89	106.68	108.20	1.52	<5	0.4	940	6	24200
			LB-126-89	108.20	109.80	1.60	<5	0.2	780	5	28400
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111.25	117.04	continued mineralized zone; appears that the last rock looks more like a sediment; graded; chalco is more abundant; assoc. with the brown mineral, which in crystalline form seems more metallic dark grey & shiny; numerous quartz veins with mineralization also	LB-128-89	111.25	112.75	1.50	<5	0.5	1500	6	35200
			LB-129-89	112.75	114.25	1.50	<5	0.6	2000	15	43800
			LB-130-89	114.25	115.60	1.35	<5	0.3	940	16	24000
			LB-131-89	115.60	117.04	1.44	<5	0.2	420	42	9280

DRILL LOG RECORD

PROPERTY: Lake Bond HOLE NO.: LB-89-11 DATE: 02/19/89 SHEET NO.: 4

FROM	TO (meters)	DESCRIPTION	NO.	SAMPLE			ASSAYS				
				FROM	TO	TOTAL	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
117.04	122.33	continued mineralized zone; seems to be hosted by sediment; abundant quartz veins, irregular, throughout, carrying pyrite, sphalerite?? & minor chalco; sulphides are also dessem.; sulphides = about 20 percent to twenty-five percent	LB-132-89	117.04	118.62	1.58	<5	0.9	280	140	23300
			LB-133-89	118.62	120.09	1.47	10	0.8	340	150	12800
			LB-134-89	120.09	121.62	1.53	<5	0.6	240	220	15800
			LB-135-89	121.62	122.22	0.60	<5	<0.2	17	38	1040
122.33	123.09	fine grained, brown, tuff layer, carbonatized, then into sediment or tuff (contact at 122.5m = 65 percent to core axis very minor sulphides	LB-136-89	122.22	122.96	0.74	<5	<0.2	14	11	570
123.09	128.22	tuff fine grained; numerous quartz veinlets, irregular; dessem. pyrite throughout; minor sulphides (ie; sphalerite ?? & pyrite) in the quartz veins (sulphides = 10 percent)	LB-137-89	124.13	125.65	1.52	<5	<0.2	20	100	2600
			LB-138-89	125.65	126.22	1.47	<5	<0.2	79	70	5080
128.22	134.32	sediments; graded; increased mineralization; numerous quartz veins-irregular; pyrite dessem, also minor spalerite; quartz veins carry pyrite, spalerite & minor chalco; total sulphides = 10 percent to 20 percent	LB-139-89	128.22	129.12	1.50	<5	1.0	500	580	25700
			LB-140-89	129.72	131.34	1.62	<5	0.2	140	330	3160
			LB-141-89	131.34	132.84	1.50	<5	0.5	210	320	10800
			LB-142-89	132.84	134.32	1.48	<5	0.4	320	63	9900
134.32	140.08	continued sediments; appears graded; irregular quartz veinlets throughout; some zones of dessem. pyrite & spalerite; also quartz veins carry pyrite & spalerite; mainly pyrite; sulphides = 10 percent	LB-143-89	134.32	135.76	1.44	<5	<0.2	47	39	3000
			LB-144-89	135.76	137.16	1.40	8	0.3	170	110	12100
			LB-145-89	137.16	138.68	1.52	<5	0.2	130	50	4900
			LB-146-89	138.68	140.16	1.48	<5	<0.2	130	260	2300

D R I L L L O G R E C O R D

PROPERTY: <u>Lake Bond</u>		HOLE NO.: <u>LB-89-11</u>	DATE: <u>02/20/89</u>				SHEET NO.: <u>5</u>				
FROM	TO	DESCRIPTION	NO.	SAMPLE			ASSAYS				
(metres)				FROM	TO	TOTAL	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
140.08	142.65	continued sediments with numerous quartz vining with sulphides; also dessem. pyrite; sulphides = 10 to 15 percent	LB-147-89 LB-148-89	140.16 141.35	141.35 142.65	1.19 1.30	<5 5	<0.2 <0.2	130 72	64 510	5400 3200
142.65	142.95	mud & sand; grey with dessem. & near massive sulphides	LB-149-89	142.65	142.96	0.31	15	0.4	110	300	7300
142.95	145.69	coarse grained possibly diorite with chlorite alteration; has dessem. pyrite throughout; also calcite crystals; sulphides = 10 percent	LB-150-89 LB-151-89	142.96 144.25	144.25 145.75	1.29 1.50	<5 5	<0.2 0.2	180 120	250 530	3300 2000
145.69	151.49	chloritized diorite? with dessem. pyrite; & minor sphalerite; 147.52 sulphides = 60 percent ;over .5cm dessem. pyrite = about 10 percent throughout rock is coarse grained	LB-152-89 LB-153-89 LB-154-89 LB-155-89	145.75 147.14 148.64 149.99	147.14 148.64 149.99 151.51	1.39 1.50 1.35 1.52	<5 5 5 5	0.2 0.2 0.2 0.2	180 230 110 130	400 300 89 200	2900 6600 5000 3000
151.49	154.13	continued chloritized diorite; also has silicious blobs & veinlets; has pyrite veins, but is mainly dessem pyrite; sulphides = 5 percent to 10 percent	LB-156-89 LB-157-89	151.51 153.06	153.06 154.18	1.55 1.12	<5 5	0.4 0.4	250 310	1600 2800	8900 5200
154.13	155.22	mainly massive sulphides in a black, fine to med grained tuff?; has some slickenslides; sulphides about 98 percent pyrite	LB-158-89	154.18	155.17	0.99	74	1.2	300	1700	6200
155..22	157.20	back into the altered diorite; has pink to brown flecks or crystals all throughout it; pyrite is dessem. & in veins, with very minor sphalrite; also has some quartz veinlets; sulphides = about 10 to 15 percent	LB-159-89 LB-160-89	155.17 156.36	156.36 157.23	1.19 0.87	100 10	0.4 0.4	180 57	590 120	6600 2800

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PROPERTY: Lake Bond HOLE NO.: LB-89-11 DATE: 02/20/89 SHEET NO.: 7

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PROPERTY: Lake Bond HOLE NO.: LB-89-11 DATE: 02/21/89 SHEET NO.: 8

FROM	TO	DESCRIPTION	NO.	SAMPLE			ASSAYS				
				FROM	TO	TOTAL	Au	Ag	Cu	Pb	Zn
	(meters)						ppb	ppm	ppm	ppm	ppm
203.96	209.96	continued diorite; medium grained at the start then becoming more coarse; has dessem. pyrite throughout; also pyrite veining some calcite veins & minor quartz veinlets are also present									
209.96	215.80	continued diorite med to coarse grained; 18cm fine grained dyke at 214.88m several quartz veins some with pyrite; dessem. pyrite throughout, as well; minor amounts of silicious blobs & alteration									
215.80	217.93	continued diorite coarse to med grained; siliceous blobs; dessem. pyrite; calcite veinlets with minor pyrite									
217.93	221.64	mafic tuff some lamination (contact = 50 percent to core axis) some carbonatious-siliceous blobs with sphalerite & pyrite; also some dessem. pyrite & pyrite-sphalerite veinlets									
221.64	224.56	continued tuff; sheared a bit; siliceous veining with sphalerite & pyrite; some dessem. sulphides also total = 5 to 10 percent	LB-170-89 LB-171-89	221.89 223.42	223.42 224.56	1.53 1.14	<5	0.9	490	150	19700
224.56	227.76	diorite with carbonate & some minor siliceous alteration with pyrite & sphalerite = 3 to 5 percent med. grained	LB-172-89	224.56	223.42	1.40	<5	1.0	710	380	7000

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227.76	230.17	diorite with some siliceous, light green; with some minor pyrite dessem. & pyrite veinlets with minor sphalerite
230.17	233.50	either tuff or sediment, light green; with some minor pyrite dessem. & pyrite veinlets
233.50	239.52	mafic tuff with dessem. pyrite; some pyrite & chalco; some minor breccia pipes; siliceous zones;
239.52	245.41	mafic tuff with some siliceous zones; dessem. pyrite; also some pyrite blobs & veins with minor sphalerite; minor breccia
245.41	251.21	silicified mafic tuff with some calcite veinlets with pyrite; minor dessem pyrite
251.21	257.18	siliceous mafic tuff; has some light green siliceous blobs here & there also; some calcite veinlets & quartz veinlets with pyrite & sphalerite
257.18	263.09	mafic tuff-quite hard; siliceous veining & quartz veining; with pyrite & sphalerite; manor dessem. pyrite
263.09	269.09	silicified mafic tuff with dessem. pyrite & chalco

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FROM (meters)	TO	DESCRIPTION	SAMPLE NO. FROM TO TOTAL	ASSAYS				
				Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
269.09	275.06	rock appears to look more like a sediment with graded bedding; silicified; a bit; some sections have sphalerite; & dessem. pyrite						
275.06	281.03	sediments; light green; graded bedding; very little mineralization						
281.03	287.05	sediment; light green; graded; laminations are very irregular; hard to get a proper angle from them; some dessem. pyrite is also present; as well as calcite & quartz veins						
287.05	288.29	sediment with carbonatization with minor dessem. pyrite & possible sphalerite						
288.29	291.39	diorite; med to coarse grained; some dessem. pyrite (contact = 60 percent to core axis- lower)						
291.39	292.91	mafic tuff very minor mineralization						
292.91	298.50	continued mafic tuff; not mineralized						
298.50	298.83	continued mafic tuff (contact = 50 degrees to core axis)						
298.83	300.18	med. to coarse grained mafic intrusive;						
300.18	301.60	fine grained tuff; minor dessem. pyrite						

D R I L L L O G R E C O R D

PROPERTY: Lake Bond HOLE NO.: LB-89-11 DATE: 02/21/89 SHEET NO.: 11

FROM TO (meters)		DESCRIPTION	SAMPLE			ASSAYS					
			NO.	FROM	TO	TOTAL	Au ppb	Ag ppm	Cu ppm	Pb ppm	Zn ppm
301.60	302.97	med grained mafic intrusive with shearing; matrix is elongated by pressure; (upper contact 60 degrees to core axis; lower contact = 45 degrees to core axis)									
302.97	304.11	mafic tuff; fine grained with minor dessem. pyrite									
304.11	304.62	mafic tuff same as above									
304.62	307.37	laminated, siliceous sed. or tuff; with numerous calcite veinlets; (lamination = 60 degrees to core axis)									
307.37	309.37	mafic tuff; numerous calcite veinlets; minor dessem. pyrite									
End of Hole											